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Uncommon Excellence™
1916 - 2016

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The Right Connection®

2016

DIXONVALVE.COM
877.963.4966



The Right Connection®

2016 Table of Contents

King Crimp™ Fittings



Male and female fittings, ferrules and crimp sleeves, combination nipples, couplers, frac fittings, coupling inserters, crimp machines

A p. 12

Boss™ LPS



Vent-Lock™ safety cam and groove, male and female fittings, ferrules and crimp sleeves, combination nipples, couplers, frac fittings, coupling inserters, crimp machines

B p. 21

Cam and Groove Fittings



Dixon™, Boss-Lock™, EZ Boss-Lock™, swaged-on and phonograph finish, polypropylene, reducing couplers, adapters, gaskets, replacement handles, accessories, Strap-Grip

C p. 29

Dry Disconnect Fittings



Dry disconnect fittings, dry gas, dry aviation, dry break, FloMAX connectors, safety break away fittings

D p. 88

Boss™ Fittings



Boss™ ground joint and washer type couplings, male and LP stems, Boss™ clamps, air hammer fittings, Boss™ Holedall™ fittings, steam quick disconnects, hammer unions, Dixon™ mining fittings

E p. 108

Air Fittings, FRL's, Gauges



Manifolds, Air King™ universal couplings, King™ cable, Dix-Lock™, Dual-Lock, Air Chief quick connects, air valves, blow guns, tube fittings and valves, FRL's, thermometers, gauges, hose racks & reels, safety check valves

F p. 119

Shank / Water Fittings



Menders, nipples, suction couplings, foot valves, strainers, skimmers, long and short shank fittings, spray hose couplings, quick connects, inserts

G p. 285

Garden Hose and Washdown



Menders, nozzles, quick-connects, hose, swivels, hose barb fittings, forged valves, couplers, coil hose, screens, straight through's

H p. 320

Brass Fittings



Hose stations, nozzles, garden hose fittings, garden hose, shank fittings, ferrules, crimping tools, pressure gun and accessories, grease whip assemblies, push-on fittings, short shank fittings

I p. 342

Plastic Fittings



Quick disconnect fittings, PVC tubing, tubing cutters, Tuff-Lite™ nylon and polypropylene hose fittings, acetal fittings, push-in fittings

J p. 369

Clamps



Pinch-on, worm gear, band clamps, Strap-Grip, single and double bolt clamps, spiral clamps, T-bolt clamps, clamp kits, tools and accessories, spring hose clamps, thumb screw clamps, constant torque clamps

K p. 378

Hydraulic Fittings



Flow control valves, high pressure ball valves, needle valves, hydraulic quick connects, return line fittings, plugs and caps, swivel adapters, hydraulic couplings, flat face fittings

L p. 395

Holedall™ Fittings



Rams, Holedall™ externally swaged fittings, flanged assemblies, Holedall™ internally expanded fittings, sanitary fittings, Holedall™ petroleum fittings, petroleum coupling expanders, API certified fittings

M p. 434

Sanitary Fittings



Clamp fittings, 3A gaskets, weld fittings, bevel seat fittings, John Perry, Q-Line, and I-line fittings, butt weld fittings, tube OD fittings & hangers, ball valves, butterfly valves, check valves

N p. 452

BioPharmaceutical Fittings (BPE)



High purity biopharm clamp and weld elbows, weld and reducing tees, clamp and weld eccentric and concentric reducers, end caps, weld caps and auto weld ferrules

O p. 534

Fire Fittings



Fire hose, reels, fire department connections, wrenches, hydrant adapters, swivels, nipples, valves, thermoplastic, brass and aluminum nozzles, Storz fittings, LDH hardware

P p. 540

Valves



Ball valves, locking ball valves, steam valves, mini valves, pneumatically actuated valves, non-metallic ball valves, strainers, gate valves, butterfly valves, air valves, globe valves, faucets

Q p. 678

Pipe and Welding Fittings



Weld end fittings, welding nipples, flanges, turned back fittings, NPT threaded fittings, nipples, sight flow indicators, grooved pipe fittings, Straub couplings

R p. 716

Tank Truck



Tight and loose fill couplers and adapters, shank couplings, pipe caps, sight flow indicators, reducers and adapters for tank trucks, hose swivels, hose nozzles, rack cords, dry disconnects, nozzles

S p. 752

Swivels and Rack Equipment



Swivels, safety break-away couplings, TTMA flange adapters, API couplers, API rack cords, flanged sight flow indicators, TTMA flange extensions, Type 35 loading arm swivel

T p. 776

Maintenance and Repair



Thread tape, test pumps, coupling inserter, hose mallet, hose knife, hose jackets and guards, hose tags, tape, fiberglass sleeves

U p. 787

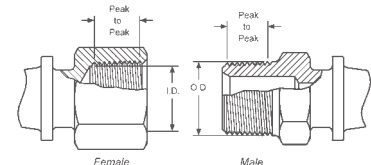
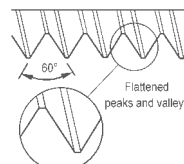
PTFE Hose and Fittings



Nominal fittings, true ID fittings, smooth bore PTFE conductive and non-conductive hose, open pitch convoluted hose, heavy wall true ID smooth bore hose
DPL116

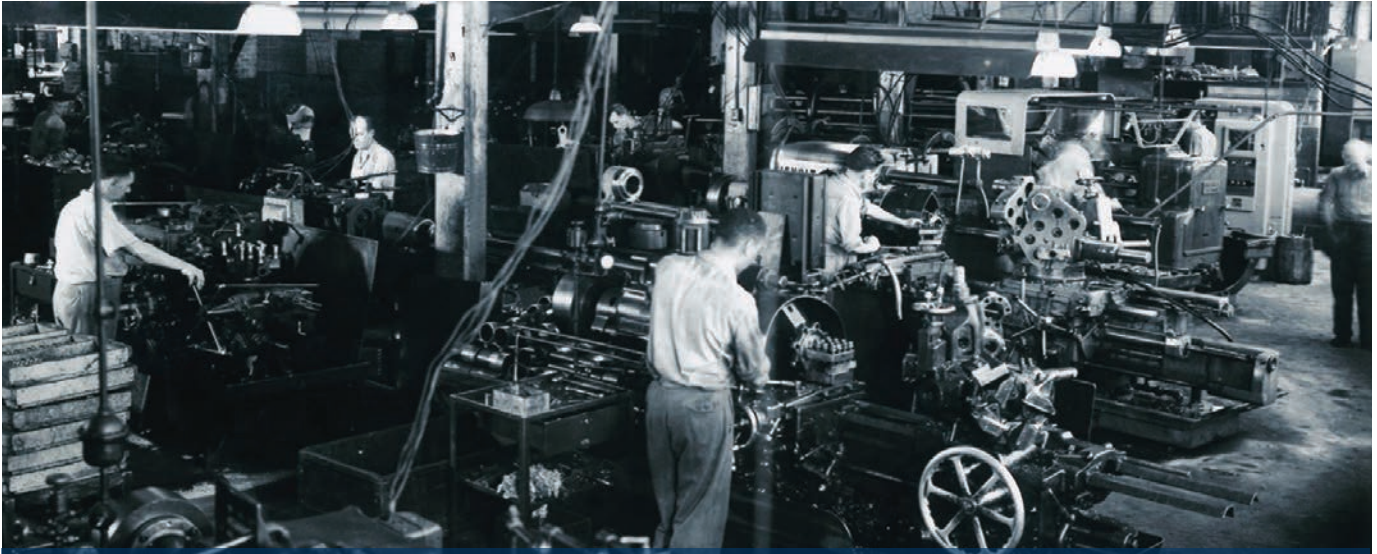
V p. 797

Safety & Technical Information



Crimp recommendations, safety information, chemical and corrosion resistance, steam and pressure conversion charts, fraction-decimal conversion chart, thread identification guide, etc.

W p. 807



DIXON Celebrates 100 Years of Uncommon Excellence™

It's a momentous milestone few privately owned companies ever reach: In 2016, Dixon celebrates its 100th anniversary.

Headquartered in Chestertown, MD, with distribution centers around the globe, Dixon has grown to become a leading innovator in the hose coupling industry. However, the heart of the company and its success is the work ethic and founding philosophy of the man who created Dixon on March 21, 1916. Howard W. Goodall and his vision and drive still inspire the men and women of Dixon today.

"I am convinced that we are successful because we've always had leaders who value the contributions of employees at all levels," says CEO Richard L. ("R.L.") Goodall, grandson of Howard W. ("H.W.") Goodall. "It's about treating people right—about applying the Golden Rule, with both our customers and our employees. It's really that simple."

Dixon President Bob Grace, who has been with the company for a quarter of its 100-year run, says, "It's the people we've had at Dixon over those 100 years who have made the company so successful." Though Dixon has grown from a single plant in downtown Philadelphia to a thriving business with manufacturing and distribution centers spread across four continents, its founding values have never wavered, he says. These values continue to infuse every level of the company today, from the factory floor to a far-flung distribution site in Perth, Australia.

Grace points to the "Six Pillars" of character—trustworthiness, respect, responsibility, fairness, caring and citizenship—as being central to the company's mission of uncommon excellence. "It's very reassuring to know that these are the values we live by here at Dixon," he says. "They aren't just words on a paper. We live and breathe the Six Pillars."

"They aren't just words on a paper. We live and breathe the Six Pillars."

-Bob Grace, President



In 1887, with an eighth-grade education, 15-year-old H.W. Goodall quit school to take a job as a general clerk and errand boy for Philadelphia rubber distributor, Latta & Mulconroy Company. As the son of a cabinetmaker, he loved to tinker and was soon designing hose



H.W. Goodall, founder

couplings and clamps as accessories to Latta & Mulconroy's hose line. With Mulconroy's blessing, H.W. promoted the new couplings to a few accounts. When Goodall requested permission to expand Mulconroy's business model and introduce his products to the region's leather tanning industry, Latta refused—and fired the ambitious young man.

Goodall saw the setback as an opportunity. He went on to found the Goodall Rubber Company and the Knox Manufacturing Company to manufacture and sell hose and couplings. He was more than an astute inventor and engineer—he was a gifted salesman who recognized the importance of asking industry leaders what products they needed to do their jobs better. In an age before airplanes made travel easy, he crisscrossed the country, visiting every major construction site he could locate, identifying its hose and coupling needs, and then manufacturing the necessary products.

On March 21, 1916, armed with firsthand knowledge of the needs of the United States' growing mining, oil drilling, construction and railroad industries, H.W. Goodall founded Dixon Valve & Coupling Co. in Philadelphia, PA. Eight years later, urged to slow down for health reasons, he sold the Goodall Rubber Co.—he previously had sold the Knox Co.—to concentrate exclusively on Dixon.

As the company grew, it moved several times to

larger locations, eventually settling in 1929 at Hancock and Columbia Avenues in Philadelphia. That year, and for the next 15 years, the largest selling item in the Dixon line was rotary hose couplings, a high-pressure fitting used in oil drilling. Early items in the product line, which remain Dixon products today, were Boss™ couplings, King™ single and double bolt hose clamps, air hammer couplings, suction couplings, Air King™ universal couplings and King™ combination nipples. Prior to World War II, Dixon promoted and sold these basic products while continually adding new hose fittings and accessories. The products listed below are a few Dixon firsts:

- Ground Joint Boss™ and air hammer couplings
- Air King™ malleable iron universal coupling with safety locking features
- Steel King™ combination nipples
- Plated hose fittings
- Dredge sleeve clamps
- Steel hose menders
- Boss-lock™ cam and groove

On October 12, 1934, Dixon opened its first international distribution center, in Canada (Dixon Group Canada Ltd.) This successful investment has since expanded to four locations throughout Canada.

In 1940, some half a century after he had launched his career at Latta & Mulconroy Co., H.W. Goodall led Dixon's purchase of the company (at that point known as the Mulconroy Co.) and incorporated its products into the Dixon line as Holedall™ couplings.

With brisk sales and ongoing innovation, the future looked bright for Dixon. But the advent of World War II, which transformed the business landscape across the country, threw a wrench in the wheel of the company's expansion.



Many Dixon products fell under the federal government priority system and were used by industry and the military in the war effort. Before long, Dixon manufacturing facilities were used almost entirely for military contracts. The largest was to produce 380,000 fuse plugs for anti-aircraft shells, which were run on a brand new six-spindle automatic screw machine, the only one in the Philadelphia area at the time. Since Dixon was forced to adhere to the government's wartime

manufacturing priorities, the company could no longer supply standard product to its commercial hose distributor base.

During this time, a former Dixon sales manager created a partnership and started the Hose Accessories Company, later known as Le-Hi Valve and Coupling Company. With Dixon production going almost 100 percent to the military, Le-Hi Valve was able to make large inroads into the company's distributor business.

When the war ended, all the government contracts dried up—seemingly overnight. Thousands of Dixon couplings sat gathering dust at the Columbus Depot and would eventually be sold by the government for commercial use.



R.B. Goodall, President & COO

assumed more leadership in the company as his father slowed down.

It would take fresh energy and vision to rebuild the company's customer base. Fortunately, Richard B. ("R.B.") Goodall, son of H.W. Goodall, was up to the task. The Virginia Military Institute graduate, who also held a degree from Babson College, gradually

In 1951, H.W. Goodall became ill while on a sales trip to California and died 10 days after his return. R.B. Goodall became president and chief operating officer. Dixon continued to grow and prosper under his leadership, and much of what the company is today can be attributed to his long range thinking and understanding of the industrial hose and fitting business. He was known as being a leader who would listen to employees and offer encouragement. "His door was always open," recalls son R.L.

In 1952, Dixon purchased Buck Iron Company located in Lancaster, PA. Eventually, this company became a major source of malleable iron, brass, aluminum and ductile castings for Dixon. Buck Company is now a leading U.S. jobbing foundry with the capability to produce medium and long run orders in a wide variety of ferrous and non-ferrous metals.



Buck Iron Company, Lancaster PA

During the 1950's, Dixon pioneered the use of non-metallic hose fittings. The Tuff-Lite™ line of nylon fittings was revolutionary in the industry and has been successful in agricultural, food and medical applications.

Beginning in the 1960's and continuing today, Dixon has demonstrated its commitment to customer service by broadening its distribution efforts. Until that time, it could take days, sometimes weeks, to ship products to customers across the country. The Dixon management team recognized the wisdom of establishing distribution centers—warehouses that could be stocked with products—at locations across the country (and later around the world). With this breakthrough, customers could be assured of prompt and efficient delivery of whatever they needed to keep their businesses rolling.

During these years, Dixon leaders also began forging partnerships with other manufacturers, a move that enabled Dixon to offer its customers important products—such as worm gear clamps—that weren't being made in-house. Though Dixon would continue to manufacture most of the products it sells, the company did begin marketing a limited number of hose fittings and accessories made by other manufacturers.

By 1976 Dixon had outgrown its Philadelphia facilities, so the business moved to a 10-acre location in Chestertown, Maryland—the site of a former pickling plant. Some 15 employees and their families moved with the company to the picturesque waterfront community on Maryland's Eastern Shore.

Dixon entered the cam and groove market in 1980 by applying for a patent for the Boss-Lock™, a fitting with a safety-locking handle. In 1985, the assets of the



Dixon corporate headquarters, then and now, Chestertown, MD

Andrews Division of Parker Hannifin were purchased, thus providing Dixon with the Andrews line of cam and groove fittings.

The company's international footprint also broadened during this period, with the opening in 1981 of Dixon Adflow Ltd. (now Dixon Group Europe) in Preston, United Kingdom (today's European locations also include facilities in Germany, France and Russia).

Dixon further expanded its mix of products into the hydraulic and pneumatic quick disconnect coupling market, in 1993, by purchasing the Perfecting Coupling Company (now Dixon Quick Coupling). The acquisition of Dixon Quick Coupling also provided additional manufacturing and warehouse facilities; currently a 170,000 square foot facility.



Doug Goodall, Vice President of Operations and brother R.L. Goodall, CEO

R.B. Goodall passed away in 1994 after 65 years with the company. Sons R.L. (President) and Douglas (Vice President of Operations) took over to become the third generation to lead Dixon.

In 1996, Dixon made a significant move by expanding to the Land Down Under, with the purchase of Australian manufacturer Minsup. Now known as Dixon Asia Pacific, the company has expanded its

product offering to include fire protection products and has grown to incorporate six locations across Australia.

Other acquisitions quickly followed. In 1999 the purchase of American Couplings Company (now Dixon Brass) added manufacturing of brass hose fittings to the company's capabilities. That year also saw the acquisition of Bayco Industries and a merger with the already present Dixon operation in Canada. The U.S. operation became Dixon Bayco. This purchase expanded the company's product line to include petroleum and dry bulk fittings, overfill protection and accessories.

Dixon extended its reach into the food and beverage market in 2000 with the addition of Bradford Fittings (now Dixon Sanitary). A full line of 304 and 316L stainless steel fittings used in the food, dairy, beverage, cosmetic, pharmaceutical and industrial markets became available to Dixon distributors.

In 2001, Richard L. Goodall became CEO, and Lou Farina was named president, the company's first non-family member to hold the position. Under their leadership, Dixon global expansion continued on January 22, 2003, with the creation of Dixva, a distribution and sales operation in Monterrey, Mexico. In 2004, the company created Dixon Fire to serve the fire protection industry; and in 2006, it added more brass fire hose fittings to its line with the acquisition of Powhatan.

In April 2006, Dixon continued to fulfill its goal to provide quality Dixon products to the global community by opening a sales office in



Lou Farina, first non-family member President

St. Petersburg, Russia. With the vast increase in product offerings has come a strategic decision to establish sales offices and distribution sites in locales all over the world. In addition to Australia, Mexico, and Russia, Dixon today has a presence in Europe, China, India, Singapore and the Middle East.

"We've set ourselves apart in delivery by getting things quickly to our customers. That's part of our vision." says Taylor Goodall, great grandson of H.W. Goodall. "Customers have come to rely on Dixon to carry the inventory they need, and in most cases they can get what they need the same day or the very next day. Looking ahead, we will continue to find new ways to increase the speed of our delivery."

President Bob Grace, like other key members of the company's management team, spends a significant amount of time traveling to the company's far-flung facilities. "While we do a fair amount of video conferencing, you can't replace the face-to-face," Grace says. "It's so important to spend time with Dixon employees, going over business plans, letting them know just how important they are to the company."



Bob Grace, President

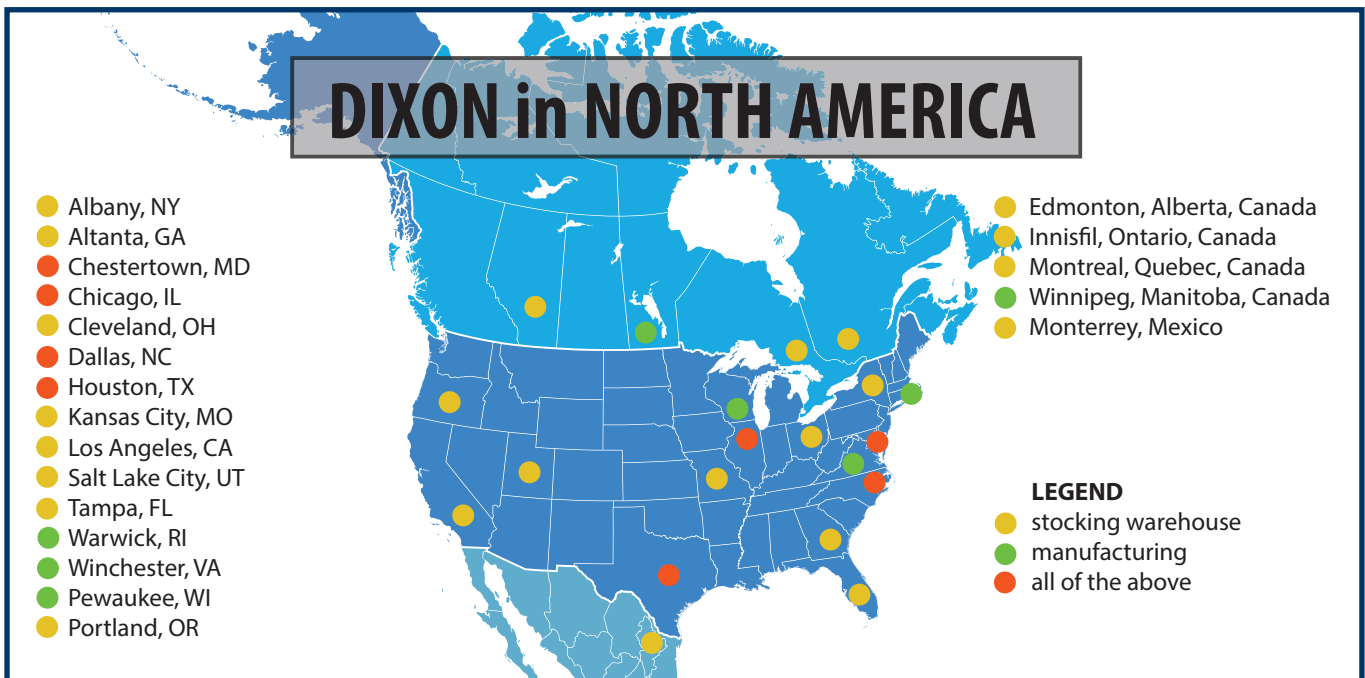
"We've set ourselves apart in delivery by getting things quickly to our customers. That's part of our vision."

- Taylor Goodall, Vice President

And that personal connection is extended to Dixon customers, says Scott Jones, Vice President for Sales and Marketing. "We want Dixon to be the easiest company to do business with and we're not going to compromise," he says. "When a customer calls a Dixon phone number, they'll get a live person who picks up the phone within the first two rings. It all goes back to our core mission: We are 'wrapped around' our customers."

In 2010, when Bob Grace became president, Dixon set forth a strategic plan to reinforce its commitment to developing new products, focusing on North American manufacturing. This included continuing to make the "core" products that had served the company so well over the years, while adding innovative new products that the industrial hose market needed. A year later, Dixon acquired Northline Couplings Systems, absorbing it into the Dixon Fire product line.

In 2012, Dixon acquired Eagle America (now Dixon Eagle), a bellows seal valve manufacturer for critical applications. That same year, the company opened its 12,000-square-foot Innovation Center. Dixon committed itself to focusing outside sales efforts on face-to-face visits, and then funneling ideas and



"As long as we focus on people, product and service, everything else will fall into place and we will achieve **uncommon excellence.**"

- R.L. Goodall, CEO

challenges back to the Innovation Center, where Dixon engineers welcome the challenge of coming up with creative solutions. To support their work, the center houses technologically advanced machine tools, testing equipment and computer-aided design using SolidWorks modeling and simulation. In addition, the Innovation Center conducts training sessions for Dixon distributors and end-users in a large, interactive training facility suitable for serving groups up to 50 people.



Dixon Innovation center opened 2012.

In recent years, the energy market has become a key area of focus at Dixon. The company has developed and acquired products that fit into every level of the petrochemical lifecycle: Boss™ Low Pressure System products for exploration, bellows seal valves for refineries, and API valves and dry disconnects for the terminals. Additionally, Dixon has also expanded its offering in the food and beverage industry to include pumps and valve actuation.

Today, a century after Dixon's founding, the company continues to promote the perfect blend of core hose accessories and solutions-based engineered products—a strategy that effectively positions Dixon to be a world leader in fluid transfer solutions.

What does the future hold for Dixon? Grace predicts continued growth and reinvestment in the company's infrastructure. "What's more," he says, "we'll continue to focus on North American manufacturing, which is very DPL116

important to us, and we'll continue to innovate ever-more sophisticated ways to manufacture, mostly through automation."

CEO R.L. Goodall emphasizes the importance of staying focused on the company's founding mission—the mission his grandfather set out back in 1916. "We know about manufacturing hose couplings. We must continue to be the best at that," Goodall says. "As long as we focus on people, product and service, everything else will fall into place and we will achieve uncommon excellence."

DIXON FACTS:

Number of North American manufacturing jobs **792**

2,800 small parcel shipments per day to US customers

930 customers trained in a Dixon Academy Workshop since 2014

97% of orders ship same day

More than **28** million AM6's sold since the 1920's

1,662 employees worldwide

Dixon Driller published **98** years

DIXON™ TIMELINE



1916

H.W. Goodall founded Dixon Valve & Coupling



1929

Headquarters in Philadelphia, PA



Aquired Buck Foundry

1951

- 1917 rotary hose coupling invented
- 1918 first Dixon™ Driller mailed
- 1934 Dixon Group Canada Ltd. opened
- 1940 aquired Mulconroy Company



1976

Moved headquarters to Chestertown, MD



1993

Aquired Perfecting Service Company now Dixon Quick Coupling



1999

Aquired American Coupling Company now Dixon Brass

- 1975 aquired Adflow, now Dixon Group Europe
- 1980 patented Boss-Lock™ cam and groove
- 1985 aquired assets of Le-hi Andrews
- 1994 brothers Richard and Doug Goodall become the third generation to lead Dixon
- 1996 aquired Minsup now Dixon Asia Pacific
- 1997 EZ Boss-Lock™ cam and groove introduced
- 1999 aquired Bayco Industries now Dixon Bayco

- 2000 aquired Bradford Fittings now Dixon Sanitary
- 2001 Richard L. Goodall became CEO
- 2001 Lou Farina became president
- 2005 BOSS magazine launched
- 2006 sales office opened in St. Petersburg, Russia
- 2006 aquired Powhatan
- 2010 Bob Grace became president
- 2011 aquired Northline Coupling Systems
- 2012 Eagle America aquired, now Dixon Eagle



2003

Began operation in Mexico with the opening of Dixva



2004

Dixon Fire created



2012

Dixon Innovation Center opened



2014

S.O.S. Van released

Vent-Lock™ introduced

2014





Failure to use these procedures can result in serious injury or death, and destruction of property and equipment.

Hose and Hose Coupling Safety

"The very properties that make compressed gases useful in almost every area of modern life can also make them dangerous when mishandled. Years of experience with compressed gases have led to practices and equipment which, if employed, result in complete safety."¹

Dixon™ hose couplings have been carefully engineered to meet specific requirements. If hose or couplings are not used in correct applications or are incorrectly applied, accidents and downtime can result. It is up to the end user to inform the distributor of the application and pressures involved when ordering hose assemblies and it is up to the distributor to supply the right hose and coupling for that application. When in doubt, Dixon™ is here to help you with a proper coupling recommendation.

1. Air hose couplings - This form of energy can be one of the most dangerous because it is used in so many applications and, when mishandled, can have more serious results than fluids. Air, as a gas, is compressible (fluids press only against hose or vessel walls and lose little volume under pressure). When pressurized air releases suddenly, it does so with explosive force and can cause rapid hose whip, which can do serious physical harm to personnel or damage to nearby objects. This is why the selection of proper hose and couplings for air lines is so important, along with their proper installation and maintenance. Never take for granted that a coupling is installed properly or a clamp fully tightened on an air hose - check it regularly and use safety devices (see paragraph 4).

2. Steam and gas - The same rules apply for steam and gas, but, because these are inherently more hazardous materials, personnel tend to treat hose and couplings on these lines with more respect and care. Checking clamp tightness is very important with steam hose, where it is not unusual for clamps to loosen in service, in which case they must be retightened! Safety devices should also be used (see paragraph 4).

3. Fluid hose couplings - Again, nothing should be taken for granted - in particular, check clamps for tightness each time the lines are used - especially when petroleum products or other hazardous liquids are involved. Large diameter hose, when suspended, can also be quite dangerous if it drops unexpectedly due to a coupling "pull-out" or sudden disconnection. A heavy fitting or clamp, plus the weight of the hose itself falling from any significant height, can cause injuries or damage. Be sure to use safety devices (see paragraph 4).

4. All hose assemblies - All hose assemblies should be treated with respect as potential hazards. Worn-out fittings should be replaced. Retaining devices such as clips, cables or chains should be used. Clamps should be checked regularly. Under no circumstances should any coupling be disconnected while under pressure, unless the coupling is specifically designed to do so. Disconnecting couplings under pressure could result in serious injury or death, and destruction of property and equipment.

¹ "Handbook of Compressed Gases"

General Safety Information

Pressure Ratings

Pressure ratings for couplings, as stated in this catalog, are based upon ambient temperature (**70°F**) applications with true hose ID, new Dixon™ supplied couplings, new Dixon™ supplied clamps, new quality hose, and proper installation by a qualified assembler using Dixon™ procedures and equipment. In addition, temperature can affect coupling retention. For temperatures other than ambient (**70°F**), contact the hose manufacturer or call Dixon™ at 800.355.1991.

Product Selection

Many of the products in this catalog are used in hose assemblies in a variety of applications. The safety of any hose assembly rests on the proper selection, installation, testing and use of each product. The safe use of any product in this catalog is dependent upon the correct selection of the hose, fittings and method of attachment. To ensure such a proper selection, the user must inform the distributor of the application and pressure involved when ordering hose assemblies. The use of S.T.A.M.P.E.D. (Size, Temperature, Application, Media, Pressure, Ends, Dixon™) will help in the proper selection of hose assembly components (see page 807). The selection of couplings and clamping devices is the responsibility of the purchaser or user, based upon the hose manufacturer's recommendations. If the purchaser or user is uncertain about the use or application of a product, Dixon™ stands ready to provide information, including test results (if available), coupling and clamping recommendations and other data to help resolve those matters.

Installation

To achieve a safe and reliable assembly, proper installation procedures must be followed. Each component of the assembly has a part in determining these procedures. The purchaser or user must follow proper procedures. If the purchaser or user has any questions regarding installation, please contact Dixon™.

Testing

Dixon™ recommends that all hose assemblies be tested in accordance with the hose manufacturer's recommendations.

Re-testing and Inspection

Dixon™ recommends inspection and re-testing of hose assemblies on a regular and consistent basis in accordance with the hose manufacturer's recommendations. The application determines the regularity of the inspection and re-testing schedule. Any worn-out fittings, damaged hoses or missing safety devices should be replaced immediately. Bolt-style clamps must be checked and retightened on a regular and consistent basis.

All hose assemblies should be viewed as potential hazards. This document is designed to inform and educate anyone who manufactures, specifies, supplies, purchases, assembles, uses, maintains or tests any hose assembly or its component parts. The proper selection and maintenance of hose, couplings, attachment devices and accessories is imperative.

It is the end user's responsibility to identify to the distributor the application and any special conditions that the hose assembly must meet. It is the distributor's responsibility to supply the proper assembly for the intended application. Accidents and downtime may occur if hose assemblies are not properly selected for the specific application.

The performance and safety of the assembly is affected by the quality of the individual components. The use of the acronym S.T.A.M.P.E.D. (Size, Temperature, Application, Media, Pressure, Ends, Dixon™) will help in the proper selection of the hose assembly components (see page 807). If anyone is uncertain about the use or application of a product, Dixon™ can provide test results, coupling and clamping recommendations and other data to help resolve those matters. Call 800.355.1991 with any questions.

Boss™ LPS



Vent-Lock™ safety EZ Boss-Lock™
page 28



Vent-Lock™ safety accessories
page 28

Cam and Groove

**Look for our
Game Changing teaser
on page 30!**



Coupler x adapter with port, global adapter x 150# ANSI flange
pages 47, 55



Coupler x adapter with grounding tab
page 59



Railcar unloading accessories
pages 62, 65-68



Global spool adapters, jump size, flanges
page 84

Dry Disconnect



Non-interchange nozzle and receiver
page 100

Air Fittings



Disposable in-line nipple filters,
King™ safety shackles
pages 136-139



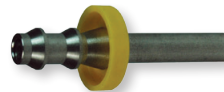
Watts filter accessories
page 273

Garden Hose & Washdown



Clear constant flow nozzles with bumper, nozzle display
page 335

Brass Fittings



Stainless steel rigid tube x
push-on hose barb
page 358



Lead free fittings
pages 364-368

Hydraulic Fittings



VH series stainless steel and
unvalved couplers and plugs
page 403



3-way high pressure ball valve,
in-line filter
page 430



Multiport, block and bleed
needle valves
pages 431-432

Sanitary



Compact sight glasses
page 511



Side-outlet reverse strainer
page 516



Stainless steel air & vacuum relief
tank vent valve
page 532

Fire Fittings



Male rocker lug - suction with zinc
screen
page 599



Nozzles - fog, garden hose, pistol grip, shut-off,
constant flow
pages 621, 624, 626, 627



Hydrant wrenches
page 633



Chemical booster hose
pages 649-650



Layflat hose cutter, couplings, hose
menders
page 652



Heavy duty hose reel, gauge
accessories
pages 660, 673

Valves



Industrial wafer ball
page 685



High pressure full bore 3-way ball
page 688



150# flange
page 689



800 PSI stainless steel check
page 712

Pipe & Welding



Swage nipples, bull plugs with tap
pages 718-719



Pump adapters, double male hex
nipples, Lite® couplings
pages 738, 742, 745

Tank Truck



Diesel and gasoline nozzles
pages 768-770



Multi-plane hose swivel
page 772

Maintenance & Repair



American made PTFE tape
page 787

King Crimp™ Style Domestic Cam and Groove

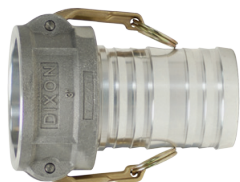


Only use the crimp style shanks with the crimp style sleeves and ferrules.
Due to differences in dimensions and tolerances for safety reasons, do not interchange other manufacturer's products with Dixon™ products.

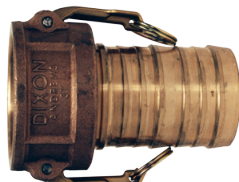
Dixon™ Type C Couplers female coupler x hose shank

Features:

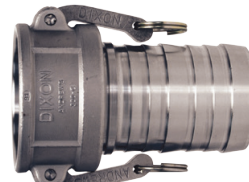
- Finger rings are not supplied on 1" Dixon™ couplings.
- Couplers are supplied standard with a Buna-N gasket. Other gasket types are available on pages 78-79.



356T6 aluminum



brass



316 stainless steel



unplated ductile iron

Hose ID	356T6 Aluminum		Brass		316 Stainless Steel		Unplated Ductile Iron	
	Part #	Price	Part #	Price	Part #	Price	Part #	Price
1"	100-C-AL	\$27.30	100-C-BR	\$62.05	100-C-SS	\$79.30	---	---
1½"	150-C-AL	34.75	150-C-BR	83.60	150-C-SS	96.60	---	---
2"	200-C-AL	37.95	200-C-BR	105.90	200-C-SS	114.25	---	---
3"	300-C-AL	60.00	300-C-BR	189.00	300-C-SS	198.70	300-C-MI	\$87.00
4"	400-C-AL	81.60	400-C-BR	238.00	400-C-SS	336.00	400-C-MI	112.20
6"	600-C-AL	195.95	600-C-BR	814.90	600-C-SS	548.00	600-C-MI	210.00

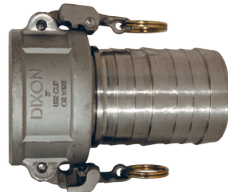
EZ Boss-Lock™ Type C Couplers female coupler x hose shank

Features:

- Couplers are supplied standard with a Buna-N gasket. Other gasket types are available on pages 78-79.



Under no circumstances should the EZ Boss-Lock™ cam arms be used on any fitting not specifically designed for their use. See pages 31 and 76 for further specifications.



Hose ID	316 Stainless Steel	
	Part #	Price
1"	RC100EZCR	\$110.80
1¼"	RC125EZCR	154.50
1½"	RC150EZCR	115.00
2"	RC200EZCR	125.50
3"	RC300EZCR	210.00
4"	RC400EZCR	315.00
6"	RC600EZCR	599.00

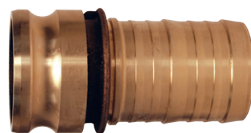
Dixon™ Type E Adapters male adapter x hose shank



Pressure rating is based on the seal of the mating part. See ratings on page 32



356T6 aluminum



brass



316 stainless steel



unplated ductile iron

Hose ID	356T6 Aluminum		Brass		316 Stainless Steel		Unplated Ductile Iron	
	Part #	Price	Part #	Price	Part #	Price	Part #	Price
1"	100-E-AL	\$14.60	100-E-BR	\$40.85	100-E-SS	\$51.00	---	---
1½"	150-E-AL	20.25	150-E-BR	62.95	150-E-SS	72.35	---	---
2"	200-E-AL	24.20	200-E-BR	86.85	200-E-SS	76.35	---	---
3"	300-E-AL	38.85	300-E-BR	142.25	300-E-SS	141.50	300-E-MI	\$53.20
4"	400-E-AL	70.95	400-E-BR	243.00	400-E-SS	278.00	400-E-MI	86.35
6"	600-E-AL	147.70	600-E-BR	624.00	600-E-SS	554.00	600-E-MI	184.80

King Crimp™ Style Global Cam and Groove



Only use the crimp style shanks with the crimp style sleeves and ferrules.

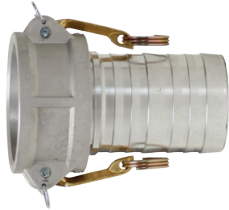
Due to differences in dimensions and tolerances for safety reasons, do not interchange other manufacturer's products with Dixon™ products.

Type C Couplers

female coupler x hose shank

Features:

- All couplers are supplied with safety clips.
- Couplers are supplied standard with a Buna-N gasket. Other gasket types are available on pages 78-79.



A380 permanent mold aluminum

ASTM C38000 forged brass

316 investment cast stainless

Hose ID	A380 Permanent Mold Aluminum		C38000 Forged Brass		316 Investment Cast Stainless	
	Part #	Price	Part #	Price	Part #	Price
1"	G100-C-ALCR	\$14.05	G100-C-BRCR	\$31.00	G100-C-SSCR	\$36.60
1½"	G150-C-ALCR	19.45	G150-C-BRCR	47.25	G150-C-SSCR	55.45
2"	G200-C-ALCR	22.95	G200-C-BRCR	60.50	G200-C-SSCR	77.40
3"	G300-C-ALCR	37.50	G300-C-BRCR	126.30	G300-C-SSCR	140.15
4"	G400-C-ALCR	51.85	G400-C-BRCR	173.50	G400-C-SSCR	181.70
6"	G600-C-ALCR	137.00	---	---	G600-C-SSCR	485.00

Type E Adapters

male adapter x hose shank



A380 permanent mold aluminum

ASTM C38000 forged brass

316 investment cast stainless

Hose ID	A380 Permanent Mold Aluminum		C38000 Forged Brass		316 Investment Cast Stainless	
	Part #	Price	Part #	Price	Part #	Price
1"	G100-E-ALCR	\$7.55	G100-E-BRCR	\$23.00	G100-E-SSCR	\$28.40
1½"	G150-E-ALCR	11.45	G150-E-BRCR	37.60	G150-E-SSCR	44.95
2"	G200-E-ALCR	13.95	G200-E-BRCR	52.25	G200-E-SSCR	61.90
3"	G300-E-ALCR	23.45	G300-E-BRCR	108.35	G300-E-SSCR	117.95
4"	G400-E-ALCR	37.20	G400-E-BRCR	153.10	G400-E-SSCR	167.15
6"	G600-E-ALCR	105.00	---	---	G600-E-SSCR	472.00



Pressure rating is based on the seal of the mating part. See ratings on page 32.



King Crimp™ Style Sleeves



Only use the crimp style shanks with the crimp style sleeves and ferrules. Due to differences in dimensions and tolerances for safety reasons, do not interchange other manufacturer's products with Dixon™ products.

Hose ID	Hose OD		Carbon Steel		304 Stainless Steel		Aluminum		Work. Pressure (PSI)		Sleeve ID	Sleeve Wall Thick.	Sleeve Overall Length
	From	To	Part #	Price	Part #	Price	Part #	Price	cam & groove ¹	KC nipple ²			
1"	1-13/64"	1-16/64"	CS100-1CS	4.70	CS100-1SS	\$7.15	---	---	*	*	1.313"	.062"	2½"
	1-17/64"	1-20/64"	CS100-2CS	4.70	CS100-2SS	7.15	CS100-2AL	\$7.60	*	*	1.375"	.062"	2½"
	1-21/64"	1-24/64"	CS100-3CS	4.70	CS100-3SS	7.15	---	---	*	*	1.438"	.062"	2½"
	1-25/64"	1-28/64"	CS100-4CS	4.70	CS100-4SS	7.15	CS100-4AL	7.60	*	*	1.500"	.062"	2½"
	1-29/64"	1-32/64"	CS100-5CS	4.70	CS100-5SS	7.15	---	---	*	*	1.563"	.062"	2½"
	1-33/64"	1-36/64"	CS100-6CS	4.70	CS100-6SS	7.15	CS100-6AL	7.60	*	*	1.625"	.062"	2½"
	1-37/64"	1-40/64"	CS100-7CS	4.70	CS100-7SS	7.15	---	---	*	*	1.688"	.062"	2½"
	1-41/64"	1-44/64"	CS100-8CS	4.70	CS100-8SS	7.15	---	---	*	*	1.750"	.062"	2½"
	1-45/64"	1-48/64"	CS100-9CS	4.70	CS100-9SS	7.15	---	---	*	*	1.813"	.062"	2½"
	1-49/64"	1-52/64"	CS100-10CS	4.70	CS100-10SS	7.15	---	---	*	*	1.875"	.062"	2½"
1¼"	1-41/64"	1-44/64"	CS125-3CS	4.80	CS125-3SS	8.60	---	---	250	300	1.750"	.060"	2-5/8"
	1-45/64"	1-48/64"	CS125-4CS	4.80	CS125-4SS	8.60	---	---	250	300	1.813"	.060"	2-5/8"
	1-49/64"	1-52/64"	CS125-5CS	4.80	CS125-5SS	8.60	---	---	250	300	1.875"	.060"	2-5/8"
	1-53/64"	1-56/64"	CS125-6CS	4.80	CS125-6SS	8.60	---	---	250	300	1.938"	.060"	2-5/8"
1½"	1-41/64"	1-44/64"	CS150-1CS	4.85	CS150-1SS	8.50	---	---	250	300	1.750"	.062"	2½"
	1-45/64"	1-48/64"	CS150-2CS	4.85	CS150-2SS	8.50	---	---	250	300	1.813"	.062"	2½"
	1-49/64"	1-52/64"	CS150-3CS	4.85	CS150-3SS	8.50	CS150-3AL	10.00	250	300	1.875"	.062"	2½"
	1-53/64"	1-56/64"	CS150-4CS	4.85	CS150-4SS	8.50	---	---	250	300	1.938"	.062"	2½"
	1-57/64"	1-60/64"	CS150-5CS	4.85	CS150-5SS	8.50	---	---	250	300	2.000"	.062"	2½"
	1-61/64"	2"	CS150-6CS	4.85	CS150-6SS	8.50	---	---	250	300	2.063"	.062"	2½"
	2-1/64"	2-4/64"	CS150-7CS	4.85	CS150-7SS	8.50	CS150-7AL	10.00	250	300	2.125"	.062"	2½"
	2-5/64"	2-8/64"	CS150-8CS	4.85	CS150-8SS	8.50	---	---	250	300	2.188"	.062"	2½"
	2-9/64"	2-12/64"	CS150-9CS	4.85	CS150-9SS	8.50	---	---	250	300	2.250"	.062"	2½"
	2-13/64"	2-16/64"	CS150-10CS	4.85	CS150-10SS	8.50	---	---	250	300	2.313"	.062"	2½"
2"	2-17/64"	2-20/64"	CS150-11CS	4.85	CS150-11SS	8.50	---	---	250	300	2.375"	.062"	2½"
	2-21/64"	2-24/64"	CS150-12CS	4.85	CS150-12SS	8.50	---	---	250	300	2.438"	.062"	2½"
	2-13/64"	2-16/64"	CS200-1CS	5.70	CS200-1SS	11.75	---	---	250	250	2.313"	.062"	2-7/8"
	2-17/64"	2-20/64"	CS200-2CS	5.70	CS200-2SS	11.75	---	---	250	250	2.375"	.062"	2-7/8"
	2-21/64"	2-24/64"	CS200-3CS	5.70	CS200-3SS	11.75	---	---	250	250	2.438"	.062"	2-7/8"
	2-25/64"	2-28/64"	CS200-4CS	5.70	CS200-4SS	11.75	CS200-4AL	12.70	250	250	2.500"	.062"	2-7/8"
	2-29/64"	2-32/64"	CS200-5CS	5.70	CS200-5SS	11.75	---	---	250	250	2.563"	.062"	2-7/8"
	2-33/64"	2-36/64"	CS200-6CS	5.70	CS200-6SS	11.75	---	---	250	250	2.625"	.062"	2-7/8"
	2-37/64"	2-40/64"	CS200-7CS	5.70	CS200-7SS	11.75	---	---	250	250	2.688"	.062"	2-7/8"
	2-41/64"	2-44/64"	CS200-8CS	5.70	CS200-8SS	11.75	---	---	250	250	2.750"	.062"	2-7/8"
2-45/64"	2-48/64"	CS200-9CS	5.70	CS200-9SS	11.75	---	---	250	250	2.813"	.062"	2-7/8"	
2-49/64"	2-52/64"	CS200-10CS	5.70	CS200-10SS	11.75	CS200-10AL	12.70	250	250	2.875"	.062"	2-7/8"	
2-53/64"	2-56/64"	CS200-11CS	5.70	CS200-11SS	11.75	---	---	250	250	2.938"	.062"	2-7/8"	
2-57/64"	2-60/64"	CS200-12CS	5.70	CS200-12SS	11.75	---	---	250	250	3.000"	.062"	2-7/8"	

* consult Dixon™ for pressure rating

¹ based on using crimp cam and groove shanks

² based on using King™ combination nipples

King Crimp™ Style Sleeves



Only use the crimp style shanks with the crimp style sleeves and ferrules. Due to differences in dimensions and tolerances for safety reasons, do not interchange other manufacturer's products with Dixon™ products.



Hose ID	Hose OD		Carbon Steel		304 Stainless Steel		Work. Pressure (PSI)		Sleeve ID	Sleeve Wall Thickness	Sleeve Overall Length
	From	To	Part #	Price	Part #	Price	cam & groove ¹	KC nipple ²			
3"	3-13/64"	3-16/64"	CS300-1CS	\$10.05	CS300-1SS	\$17.05	125	200	3.313"	.090"	3¾"
	3-17/64"	3-20/64"	CS300-2CS	10.05	CS300-2SS	17.05	125	200	3.375"	.090"	3¾"
	3-21/64"	3-24/64"	CS300-3CS	10.05	CS300-3SS	17.05	125	200	3.438"	.090"	3¾"
	3-25/64"	3-28/64"	CS300-4CS	10.05	CS300-4SS	17.05	125	200	3.500"	.090"	3¾"
	3-29/64"	3-32/64"	CS300-5CS	10.05	CS300-5SS	17.05	125	200	3.563"	.090"	3¾"
	3-33/64"	3-36/64"	CS300-6CS	10.05	CS300-6SS	17.05	125	200	3.625"	.090"	3¾"
	3-37/64"	3-40/64"	CS300-7CS	10.05	CS300-7SS	17.05	125	200	3.688"	.090"	3¾"
	3-41/64"	3-44/64"	CS300-8CS	10.05	CS300-8SS	17.05	125	200	3.750"	.090"	3¾"
	3-45/64"	3-48/64"	CS300-9CS	10.05	CS300-9SS	17.05	125	200	3.813"	.090"	3¾"
	3-49/64"	3-52/64"	CS300-10CS	10.05	CS300-10SS	17.05	125	200	3.875"	.090"	3¾"
	3-53/64"	3-56/64"	CS300-11CS	10.05	CS300-11SS	17.05	125	200	3.938"	.090"	3¾"
	3-57/64"	3-60/64"	CS300-12CS	10.05	CS300-12SS	17.05	125	200	4.000"	.090"	3¾"
	3-61/64"	4"	CS300-13CS	10.05	CS300-13SS	17.05	125	200	4.063"	.090"	3¾"
	4-1/64"	4-4/64"	CS300-14CS	10.05	CS300-14SS	17.05	125	200	4.125"	.090"	3¾"
	4-5/64"	4-8/64"	CS300-15CS	10.05	CS300-15SS	17.05	125	200	4.188"	.090"	3¾"
	4-9/64"	4-12/64"	CS300-16CS	10.05	CS300-16SS	17.05	125	200	4.250"	.090"	3¾"
4"	4-13/64"	4-16/64"	CS400-1CS	13.55	CS400-1SS	28.35	110	175	4.313"	.090"	3¾"
	4-17/64"	4-20/64"	CS400-2CS	13.55	CS400-2SS	28.35	110	175	4.375"	.090"	3¾"
	4-21/64"	4-24/64"	CS400-3CS	13.55	CS400-3SS	28.35	110	175	4.438"	.090"	3¾"
	4-25/64"	4-28/64"	CS400-4CS	13.55	CS400-4SS	28.35	110	175	4.500"	.090"	3¾"
	4-29/64"	4-32/64"	CS400-5CS	13.55	CS400-5SS	28.35	110	175	4.563"	.090"	3¾"
	4-33/64"	4-36/64"	CS400-6CS	13.55	CS400-6SS	28.35	110	175	4.625"	.090"	3¾"
	4-37/64"	4-40/64"	CS400-7CS	13.55	CS400-7SS	28.35	110	175	4.688"	.090"	3¾"
	4-41/64"	4-44/64"	CS400-8CS	13.55	CS400-8SS	28.35	110	175	4.750"	.090"	3¾"
	4-45/64"	4-48/64"	CS400-9CS	13.55	CS400-9SS	28.35	110	175	4.813"	.090"	3¾"
	4-49/64"	4-52/64"	CS400-10CS	13.55	CS400-10SS	28.35	110	175	4.875"	.090"	3¾"
	4-53/64"	4-56/64"	CS400-11CS	13.55	CS400-11SS	28.35	110	175	4.938"	.090"	3¾"
	4-57/64"	4-60/64"	CS400-12CS	13.55	CS400-12SS	28.35	110	175	5.000"	.090"	3¾"
	4-61/64"	5"	CS400-13CS	13.55	CS400-13SS	28.35	110	175	5.063"	.090"	3¾"
	5-1/64"	5-4/64"	CS400-14CS	13.55	CS400-14SS	28.35	110	175	5.125"	.090"	3¾"
	5-5/64"	5-8/64"	CS400-15CS	13.55	CS400-15SS	28.35	110	175	5.188"	.090"	3¾"
	5-9/64"	5-12/64"	CS400-16CS	13.55	CS400-16SS	28.35	110	175	5.250"	.090"	3¾"
6"	6-21/64"	6-28/64"	CS600-1CS	37.90	CS600-1SS	72.75	*	*	6.500"	.120"	5½"
	6-29/64"	6-36/64"	CS600-2CS	37.90	CS600-2SS	72.75	*	*	6.625"	.120"	5½"
	6-37/64"	6-44/64"	CS600-3CS	37.90	CS600-3SS	72.75	*	*	6.750"	.120"	5½"
	6-45/64"	6-52/64"	CS600-4CS	37.90	CS600-4SS	72.75	*	*	6.875"	.120"	5½"
	6-53/64"	6-60/64"	CS600-5CS	37.90	CS600-5SS	72.75	*	*	7.000"	.120"	5½"
	6-61/64"	7-4/64"	CS600-6CS	37.90	CS600-6SS	72.75	*	*	7.125"	.120"	5½"
	7-5/64"	7-12/64"	CS600-7CS	37.90	CS600-7SS	72.75	*	*	7.250"	.120"	5½"
	7-13/64"	7-20/64"	CS600-8CS	37.90	CS600-8SS	72.75	*	*	7.375"	.120"	5½"
	7-21/64"	7-28/64"	CS600-9CS	37.90	CS600-9SS	72.75	*	*	7.500"	.120"	5½"

* consult Dixon™ for pressure rating

¹ based on using crimp cam and groove shanks

² based on using King™ combination nipples

King Crimp™ Style Ferrules



Only use the crimp style shanks with the crimp style sleeves and ferrules. Due to differences in dimensions and tolerances for safety reasons, do not interchange other manufacturer's products with Dixon™ products.

Hose ID	Hose OD		Carbon Steel		304 Stainless Steel		Work. Pressure (PSI)		Ferrule ID	Ferrule Wall Thickness	Ferrule Overall Length
	From	To	Part #	Price	Part #	Price	cam & groove ¹	KC nipple ²			
1"	1-13/64"	1-16/64"	CF100-1CS	\$10.00	CF100-1SS	\$10.15	*	*	1.313"	.062"	2-13/16"
	1-17/64"	1-20/64"	CF100-2CS	10.00	CF100-2SS	10.15	*	*	1.375"	.062"	2-13/16"
	1-21/64"	1-24/64"	CF100-3CS	10.00	CF100-3SS	10.15	*	*	1.438"	.062"	2-13/16"
	1-25/64"	1-28/64"	CF100-4CS	10.00	CF100-4SS	10.15	*	*	1.500"	.062"	2-13/16"
	1-29/64"	1-32/64"	CF100-5CS	10.00	CF100-5SS	10.15	*	*	1.563"	.062"	2-13/16"
	1-33/64"	1-36/64"	CF100-6CS	10.00	CF100-6SS	10.15	*	*	1.625"	.062"	2-13/16"
	1-37/64"	1-40/64"	CF100-7CS	10.00	CF100-7SS	10.15	*	*	1.688"	.062"	2-13/16"
	1-41/64"	1-44/64"	CF100-8CS	10.00	CF100-8SS	10.15	*	*	1.750"	.062"	2-13/16"
	1-45/64"	1-48/64"	CF100-9CS	10.00	CF100-9SS	10.15	*	*	1.813"	.062"	2-13/16"
1-49/64"	1-52/64"	CF100-10CS	10.00	CF100-10SS	10.15	*	*	1.875"	.062"	2-13/16"	
1 1/4"	1-41/64"	1-44/64"	CF125-3CS	10.25	CF125-3SS	12.00	250	350	1.750"	.060"	2-13/16"
	1-45/64"	1-48/64"	CF125-4CS	10.25	CF125-4SS	12.00	250	350	1.813"	.060"	2-13/16"
	1-49/64"	1-52/64"	CF125-5CS	10.25	CF125-5SS	12.00	250	350	1.875"	.060"	2-13/16"
	1-53/64"	1-56/64"	CF125-6CS	10.25	CF125-6SS	12.00	250	350	1.938"	.060"	2-13/16"
1 1/2"	1-41/64"	1-44/64"	CF150-1CS	11.40	CF150-1SS	15.60	250	350	1.750"	.062"	2-13/16"
	1-45/64"	1-48/64"	CF150-2CS	11.40	CF150-2SS	15.60	250	350	1.813"	.062"	2-13/16"
	1-49/64"	1-52/64"	CF150-3CS	11.40	CF150-3SS	15.60	250	350	1.875"	.062"	2-13/16"
	1-53/64"	1-56/64"	CF150-4CS	11.40	CF150-4SS	15.60	250	350	1.938"	.062"	2-13/16"
	1-57/64"	1-60/64"	CF150-5CS	11.40	CF150-5SS	15.60	250	350	2.000"	.062"	2-13/16"
	1-61/64"	2"	CF150-6CS	11.40	CF150-6SS	15.60	250	350	2.063"	.062"	2-13/16"
	2-1/64"	2-4/64"	CF150-7CS	11.40	CF150-7SS	15.60	250	350	2.125"	.062"	2-13/16"
	2-5/64"	2-8/64"	CF150-8CS	11.40	CF150-8SS	15.60	250	350	2.188"	.062"	2-13/16"
	2-9/64"	2-12/64"	CF150-9CS	11.40	CF150-9SS	15.60	250	350	2.250"	.062"	2-13/16"
	2-13/64"	2-16/64"	CF150-10CS	11.40	CF150-10SS	15.60	250	350	2.313"	.062"	2-13/16"
	2-17/64"	2-20/64"	CF150-11CS	11.40	CF150-11SS	15.60	250	350	2.375"	.062"	2-13/16"
	2-21/64"	2-24/64"	CF150-12CS	11.40	CF150-12SS	15.60	250	350	2.438"	.062"	2-13/16"
2"	2-13/64"	2-16/64"	CF200-1CS	12.95	CF200-1SS	17.65	250	300	2.313"	.062"	3-1/8"
	2-17/64"	2-20/64"	CF200-2CS	12.95	CF200-2SS	17.65	250	300	2.375"	.062"	3-1/8"
	2-21/64"	2-24/64"	CF200-3CS	12.95	CF200-3SS	17.65	250	300	2.438"	.062"	3-1/8"
	2-25/64"	2-28/64"	CF200-4CS	12.95	CF200-4SS	17.65	250	300	2.500"	.062"	3-1/8"
	2-29/64"	2-32/64"	CF200-5CS	12.95	CF200-5SS	17.65	250	300	2.563"	.062"	3-1/8"
	2-33/64"	2-36/64"	CF200-6CS	12.95	CF200-6SS	17.65	250	300	2.625"	.062"	3-1/8"
	2-37/64"	2-40/64"	CF200-7CS	12.95	CF200-7SS	17.65	250	300	2.688"	.062"	3-1/8"
	2-41/64"	2-44/64"	CF200-8CS	12.95	CF200-8SS	17.65	250	300	2.750"	.062"	3-1/8"
	2-45/64"	2-48/64"	CF200-9CS	12.95	CF200-9SS	17.65	250	300	2.813"	.062"	3-1/8"
	2-49/64"	2-52/64"	CF200-10CS	12.95	CF200-10SS	17.65	250	300	2.875"	.062"	3-1/8"
	2-53/64"	2-56/64"	CF200-11CS	12.95	CF200-11SS	17.65	250	300	2.938"	.062"	3-1/8"
	2-57/64"	2-60/64"	CF200-12CS	12.95	CF200-12SS	17.65	250	300	3.000"	.062"	3-1/8"

* consult Dixon™ for pressure rating

¹ based on using crimp cam and groove shanks

² based on using King™ combination nipples

King Crimp™ Style Ferrules



Only use the crimp style shanks with the crimp style sleeves and ferrules. Due to differences in dimensions and tolerances for safety reasons, do not interchange other manufacturer's products with Dixon™ products.



Hose ID	Hose OD		Carbon Steel		304 Stainless Steel		Work. Pressure (PSI)		Ferrule ID	Ferrule Wall Thickness	Ferrule Overall Length
	From	To	Part #	Price	Part #	Price	cam & groove ¹	KC nipple ²			
3"	3-13/64"	3-16/64"	CF300-1CS	\$17.50	CF300-1SS	\$28.95	150	300	3.313"	.090"	4"
	3-17/64"	3-20/64"	CF300-2CS	17.50	CF300-2SS	28.95	150	300	3.375"	.090"	4"
	3-21/64"	3-24/64"	CF300-3CS	17.50	CF300-3SS	28.95	150	300	3.438"	.090"	4"
	3-25/64"	3-28/64"	CF300-4CS	17.50	CF300-4SS	28.95	150	300	3.500"	.090"	4"
	3-29/64"	3-32/64"	CF300-5CS	17.50	CF300-5SS	28.95	150	300	3.563"	.090"	4"
	3-33/64"	3-36/64"	CF300-6CS	17.50	CF300-6SS	28.95	150	300	3.625"	.090"	4"
	3-37/64"	3-40/64"	CF300-7CS	17.50	CF300-7SS	28.95	150	300	3.688"	.090"	4"
	3-41/64"	3-44/64"	CF300-8CS	17.50	CF300-8SS	28.95	150	300	3.750"	.090"	4"
	3-45/64"	3-48/64"	CF300-9CS	17.50	CF300-9SS	28.95	150	300	3.813"	.090"	4"
	3-49/64"	3-52/64"	CF300-10CS	17.50	CF300-10SS	28.95	150	300	3.875"	.090"	4"
	3-53/64"	3-56/64"	CF300-11CS	17.50	CF300-11SS	28.95	150	300	3.938"	.090"	4"
	3-57/64"	3-60/64"	CF300-12CS	17.50	CF300-12SS	28.95	150	300	4.000"	.090"	4"
	3-61/64"	4"	CF300-13CS	17.50	CF300-13SS	28.95	150	300	4.063"	.090"	4"
	4-1/64"	4-4/64"	CF300-14CS	17.50	CF300-14SS	28.95	150	300	4.125"	.090"	4"
	4-5/64"	4-8/64"	CF300-15CS	17.50	CF300-15SS	28.95	150	300	4.188"	.090"	4"
	4-9/64"	4-12/64"	CF300-16CS	17.50	CF300-16SS	28.95	150	300	4.250"	.090"	4"
4"	4-13/64"	4-16/64"	CF400-1CS	23.00	CF400-1SS	67.20	150	300	4.313"	.090"	4"
	4-17/64"	4-20/64"	CF400-2CS	23.00	CF400-2SS	67.20	150	300	4.375"	.090"	4"
	4-21/64"	4-24/64"	CF400-3CS	23.00	CF400-3SS	67.20	150	300	4.438"	.090"	4"
	4-25/64"	4-28/64"	CF400-4CS	23.00	CF400-4SS	67.20	150	300	4.500"	.090"	4"
	4-29/64"	4-32/64"	CF400-5CS	23.00	CF400-5SS	67.20	150	300	4.563"	.090"	4"
	4-33/64"	4-36/64"	CF400-6CS	23.00	CF400-6SS	67.20	150	300	4.625"	.090"	4"
	4-37/64"	4-40/64"	CF400-7CS	23.00	CF400-7SS	67.20	150	300	4.688"	.090"	4"
	4-41/64"	4-44/64"	CF400-8CS	23.00	CF400-8SS	67.20	150	300	4.750"	.090"	4"
	4-45/64"	4-48/64"	CF400-9CS	23.00	CF400-9SS	67.20	150	300	4.813"	.090"	4"
	4-49/64"	4-52/64"	CF400-10CS	23.00	CF400-10SS	67.20	150	300	4.875"	.090"	4"
	4-53/64"	4-56/64"	CF400-11CS	23.00	CF400-11SS	67.20	150	300	4.938"	.090"	4"
	4-57/64"	4-60/64"	CF400-12CS	23.00	CF400-12SS	67.20	150	300	5.000"	.090"	4"
	4-61/64"	5"	CF400-13CS	23.00	CF400-13SS	67.20	150	300	5.063"	.090"	4"
	5-1/64"	5-4/64"	CF400-14CS	23.00	CF400-14SS	67.20	150	300	5.125"	.090"	4"
	5-5/64"	5-8/64"	CF400-15CS	23.00	CF400-15SS	67.20	150	300	5.188"	.090"	4"
	5-9/64"	5-12/64"	CF400-16CS	23.00	CF400-16SS	67.20	150	300	5.250"	.090"	4"
6"	6-21/64"	6-28/64"	CF600-1CS	52.25	CF600-1SS	85.00	*	*	6.500"	.120"	5-7/8"
	6-29/64"	6-36/64"	CF600-2CS	52.25	CF600-2SS	85.00	*	*	6.625"	.120"	5-7/8"
	6-37/64"	6-44/64"	CF600-3CS	52.25	CF600-3SS	85.00	*	*	6.750"	.120"	5-7/8"
	6-45/64"	6-52/64"	CF600-4CS	52.25	CF600-4SS	85.00	*	*	6.875"	.120"	5-7/8"
	6-53/64"	6-60/64"	CF600-5CS	52.25	CF600-5SS	85.00	*	*	7.000"	.120"	5-7/8"
	6-61/64"	7-4/64"	CF600-6CS	52.25	CF600-6SS	85.00	*	*	7.125"	.120"	5-7/8"
	7-5/64"	7-12/64"	CF600-7CS	52.25	CF600-7SS	85.00	*	*	7.250"	.120"	5-7/8"
	7-13/64"	7-20/64"	CF600-8CS	52.25	CF600-8SS	85.00	*	*	7.375"	.120"	5-7/8"
	7-21/64"	7-28/64"	CF600-9CS	52.25	CF600-9SS	85.00	*	*	7.500"	.120"	5-7/8"

* consult Dixon™ for pressure rating

¹ based on using crimp cam and groove shanks

² based on using King™ combination nipples

King Crimp™ Style Combination Nipples and Sleeves

NPT Threaded End



Size	Schedule 40 Plated Carbon Steel	
	Part #	Price
8"	STC80CS	\$162.00

Grooved End



Size	Schedule 40 Plated Carbon Steel	
	Part #	Price
8"	STV80CS	\$158.00

King Crimp™ Style Short Frac Ferrules



Features:

- schedule 40 plated carbon steel to ASTM standards
- consult Dixon™ for additional ferrule sizes

Hose ID	Hose OD		Carbon Steel		Ferrule Wall Thickness	Ferrule ID	Ferrule Overall Length
	From	To	Part #	Price			
8"	8-29/64"	8-36/64"	CFS800-1CS	\$133.00	.120"	8.625"	4.25"
	8-37/64"	8-44/64"	CFS800-2CS	133.00	.120"	8.750"	4.25"
	8-45/64"	8-52/64"	CFS800-3CS	133.00	.120"	8.875"	4.25"
	8-53/64"	8-60/64"	CFS800-4CS	133.00	.120"	9.000"	4.25"
	8-61/64"	9-4/64"	CFS800-5CS	133.00	.120"	9.125"	4.25"
	9-5/64"	9-12/64"	CFS800-6CS	133.00	.120"	9.250"	4.25"
	9-13/64"	9-20/64"	CFS800-7CS	133.00	.120"	9.375"	4.25"
	9-21/64"	9-28/64"	CFS800-8CS	133.00	.120"	9.500"	4.25"

King Crimp™ Style King™ Combination Nipples



Only use the crimp style shanks with the crimp style sleeves and ferrules.
Due to differences in dimensions and tolerances for safety reasons, do not interchange other manufacturer's products with Dixon™ products.

Features:

- There are two grooves on the crimp style King™ Combination nipples. The second groove is the roll stamp groove which has the part number and 'call Dixon™' stamped on it. This groove is a smooth concentric groove so the stamp is legible.

NPT Threaded End

Hose ID	Schedule 80 Plated Carbon Steel		316 Stainless Steel	
	Part #	Price	Part #	Price
1"	STC10CS	\$22.20	RST10CS	\$35.25
1¼"	STC15CS	23.20	RST15CS	49.00
1½"	STC20CS	22.70	RST20CS	51.50
2"	STC25CS	27.00	RST25CS	63.70
3"	STC35CS	51.50	RST35CS	140.00
4"	STC40CS	63.65	RST40CS	206.00
6"	STC60CS	134.85	RST60CS	745.00



Grooved End

Hose ID	Schedule 80 Plated Carbon Steel		316 Stainless Steel	
	Part #	Price	Part #	Price
1"	STV10CS	\$24.00	RSTV10CS	\$44.00
1½"	STV20CS	30.30	RSTV20CS	65.15
2"	STV25CS	36.35	RSTV25CS	80.30
3"	STV35CS	65.15	RSTV35CS	190.90
4"	STV40CS	78.80	RSTV40CS	250.75
6"	STV60CS	162.00	RSTV60CS	770.00



Beveled End

Hose ID	Schedule 80 Carbon Steel		316 Stainless Steel	
	Part #	Price	Part #	Price
1"	STB10CS	\$23.70	RSTB10CS	\$43.00
1½"	STB20CS	23.00	RSTB20CS	53.00
2"	STB25CS	27.30	RSTB25CS	79.00
3"	STB35CS	49.50	RSTB35CS	189.00
4"	STB40CS	62.55	RSTB40CS	250.00
6"	STB60CS	134.00	RSTB60CS	740.00



King Crimp™ Style 150# ASA Fixed (welded) Flange



Size	Steel		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
1½"	FST20CS	\$98.00	RFST20CS	\$280.00
2"	FST25CS	101.00	RFST25CS	310.00
3"	FST35CS	150.25	RFST35CS	480.00
4"	FST40CS	182.20	RFST40CS	668.10
6"	FST60CS	316.00	RFST60CS	1165.00

King Crimp™ Style Nipples for Floating Flanges

**Feature:**

- to be used with King Crimp™ sleeves and/or ferrules

Size	Plated Carbon Steel		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
2"	N25CS	\$134.85	RN25CS	\$225.00
3"	N35CS	189.35	RN35CS	345.00
4"	N40CS	244.20	RN40CS	457.60
6"	N60CS	496.55	RN60CS	1115.00

TTMA Flange x King Crimp™ Style King™ Combination Nipples

**Feature:**

- to be used with King Crimp™ sleeves and/or ferrules

Size	Flange Thickness	Carbon Steel	
		Part #	Price/E
NEW 3"	5/16"	TTFST35CS	\$183.00
3"	3/8"	TTFST35CS-THK	190.90
NEW 4"	5/16"	TTFST40CS	222.50
4"	3/8"	TTFST40CS-THK	227.25

Dixon™ One-Piece Frac Fittings

Application:

- used in the fast paced transfer of water, chemicals and sand slurry to a hydraulic fracturing site

Features:

- one-piece stem design eliminates the leak path common with two-piece threaded systems
- interchangeable with current fittings; phase them into your operation
- designed to work with Dixon™ King Crimp™ sleeves or ferrules.
- 400 PSI** working pressure at 70°F for 3" and 4" sizes; 4:1 safety factor (SF) ¹
- 150 PSI** working pressure at 70°F for 6" size; 4:1 safety factor (SF)
- 150 PSI** working pressure at 70°F for 8" size; 3:1 safety factor (SF)



¹ 400 PSI working pressure with a minimum 4:1 safety factor (*hose burst: hose working pressure*) is only achieved with:

- 3" size uses standard crimp ferrules
- 4" size requires heavy duty (HD) crimp ferrules, CF400-6CSHD through CF400-16CSHD

Note: Water and petroleum transfer hoses rated from 100 to 300 PSI WP (4:1 SF) have excellent test results with the standard King Crimp™ ferrules CF400-xxCS.

Materials:

- frac fittings: machined iron to ASTM standards; all stems zinc plated
- male 3", 4" and 6" NPT fittings are schedule 80 pipe; 8" NPT fittings are schedule 40 pipe; all sizes meet ASTM standards
- nut: forged steel meeting AISI standards



3" and 4" female



3" and 4" male

Figure 100

Size	Description	Part #	Price/E
3"	male/female assembly	HUMF100300CS	\$430.00
	female fitting	HUF100300CS	180.00
	male fitting (includes nut)	HUM100300CS	250.00
	male NPT fitting	STC35CS	51.50
	wing nut	HU100300N	70.00
4"	male/female assembly	HUMF100400CS	486.50
	female fitting	HUF100400CS	186.30
	male fitting (includes nut)	HUM100400CS	300.00
	male NPT fitting	STC40CSHD	74.00
	wing nut	HU100400N	112.00
6"	male/female assembly	HUMF100600CS	1100.50
	female fitting	HUFALL600CS	461.00
	male fitting (includes nut)	HUM100600CS	639.50
	male NPT fitting	STC60CS	134.85
	wing nut	HU100600N	178.50
8"	male/female assembly	HUMF100800CS	1283.70
	female fitting	HUFALL800CS	539.00
	male fitting (includes nut)	HUM100800CS	744.70
	male NPT fitting	STC80CS	162.00
	wing nut	HU100800N	205.70



3" and 4" male NPT



3" and 4" wing nut

Dixon™ One-Piece Frac Fittings

Figure 206



8" female



8" male



8" male NPT



6" and 8" wing nut

Size	Description	Part #	Price/E
3"	male/female assembly	HUMF206300CS	\$430.00
	female fitting	HUF206300CS	180.00
	male fitting (includes nut and O-ring)	HUM206300CS	250.00
	male NPT fitting	STC35CS	51.50
	wing nut	HU206300N	70.00
	O-ring (Buna-N)	O238BU	2.00
4"	male/female assembly	HUMF206400CS	486.50
	female fitting	HUF206400CS	186.30
	male fitting (includes nut and O-ring)	HUM206400CS	300.00
	male NPT fitting	STC40CSHD	74.00
	wing nut	HU206400N	112.00
	O-ring (Buna-N)	O347BU	1.35
6"	male/female assembly	HUMF206600CS	1100.50
	female fitting	HUFALL600CS	461.00
	male fitting (includes nut and O-ring)	HUM206600CS	639.50
	male NPT fitting	STC60CS	134.85
	wing nut	HU206600N	178.50
	O-ring (Buna-N)	O440BU	2.85
8"	male/female assembly	HUMF206800CS	1283.70
	female fitting	HUFALL800CS	539.00
	male fitting (includes nut and O-ring)	HUM206800CS	744.70
	male NPT fitting	STC80CS	162.00
	wing nut	HU206800N	205.70
	O-ring (Buna-N)	O447BU	3.75

King Crimp™ Style Heavy Duty Ferrules



Only use the crimp style shanks with the crimp style sleeves and ferrules. Due to differences in dimensions and tolerances for safety reasons, do not interchange other manufacturer's products with Dixon™ products.

- 400 PSI working pressure with a minimum 4:1 safety factor (*hose burst: hose working pressure*) is only achieved with heavy duty (HD) crimp ferrules, CF400-6CSHD through CF400-16CSHD.

Hose ID	Hose OD		Carbon Steel		Ferrule Wall Thickness	Ferrule ID	Ferrule Overall Length
	From	To	Heavy Duty (HD) Part #	Price			
4"	4-33/64"	4-36/64"	CF400-6CSHD	\$36.30	0.120"	4.625"	4"
	4-37/64"	4-40/64"	CF400-7CSHD	36.30	0.120"	4.688"	4"
	4-41/64"	4-44/64"	CF400-8CSHD	36.30	0.120"	4.750"	4"
	4-45/64"	4-48/64"	CF400-9CSHD	36.30	0.120"	4.813"	4"
	4-49/64"	4-52/64"	CF400-10CSHD	36.30	0.120"	4.875"	4"
	4-53/64"	4-56/64"	CF400-11CSHD	36.30	0.120"	4.938"	4"
	4-57/64"	4-60/64"	CF400-12CSHD	36.30	0.120"	5.000"	4"
	4-61/64"	5"	CF400-13CSHD	36.30	0.120"	5.063"	4"
	5-1/64"	5-4/64"	CF400-14CSHD	36.30	0.120"	5.125"	4"
	5-5/64"	5-8/64"	CF400-15CSHD	36.30	0.120"	5.188"	4"
	5-9/64"	5-12/64"	CF400-16CSHD	36.30	0.120"	5.250"	4"



King Crimp™ Style Sleeves

Hose ID	Carbon Steel		Sleeve ID	Sleeve Wall Thickness	Sleeve Overall Length
	Part #	Price			
8"	S830X875X120CS	\$66.65	8.30"	0.120"	8.75"
	S838X600X120CS	66.65	8.38"	0.120"	6.00"
	S850X650X120CS	66.65	8.50"	0.120"	6.50"
	S875X600X120CS	66.65	8.75"	0.120"	6.00"
	S898X875X120CS	66.65	8.98"	0.120"	8.75"
	S900X400X090CS	66.65	9.00"	0.090"	4.00"
	S900X400X120CS	66.65	9.00"	0.120"	4.00"
	S900X600X120CS	66.65	9.00"	0.120"	6.00"
	S910X400X120CS	66.65	9.10"	0.120"	4.00"
	S912X600X120CS	66.65	9.12"	0.120"	6.00"
	S915X600X120CS	66.65	9.15"	0.120"	6.00"
	S925X600X120CS	66.65	9.25"	0.120"	6.00"
	S925X400X120CS	66.65	9.25"	0.120"	4.00"
	S950X400X120CS	66.65	9.50"	0.120"	4.00"
	S950X600X120CS	66.65	9.50"	0.120"	6.00"
S975X600X120CS	66.65	9.75"	0.120"	6.00"	
10"	S1025X750X120CS	90.90	10.25"	0.120"	7.50"
	S1050X750X120CS	90.90	10.50"	0.120"	7.50"
	S1100X600X120CS	90.90	11.00"	0.120"	6.00"
	S1175X600X120CS	90.90	11.75"	0.120"	6.00"



- consult Dixon™ for additional sleeve sizes

Dixon™ One-Piece Hammer Union Nuts



3" and 4"



6" and 8"

Features:

- long lasting and dependable nut
- all nuts are interchangeable with reliable brands
- cold working pressure: **2,000 PSI**
- 6" and 8" sizes have 4 lug design for more surface area to hammer

Material:

- forged steel meeting AISI standards

Size	Description	Forged Steel Part #	Price
3"	wing nut, figure 100	HU100300N	\$70.00
	wing nut, figure 206	HU206300N	70.00
4"	wing nut, figure 100	HU100400N	112.00
	wing nut, figure 206	HU206400N	112.00
6"	wing nut, figure 100	HU100600N	178.50
	wing nut, figure 206	HU206600N	178.50
8"	wing nut, figure 100	HU100800N	205.70
	wing nut, figure 206	HU206800N	205.70

Dixon™ Two-Piece Hammer Union Nuts

Applications:

- replacement for damaged hammer union nuts
- used with male one-piece flange adapters




figure 200 / 206

Features:

- lug design provides enlarged surface area to hammer
- repair nut is pinned and bolted for perfect alignment
- nut can be installed on pre-existing hammer union assembly
- cold working pressure: **2,000 PSI**
- 4" Figure 200/206 nut is interchangeable with reliable brands
- 6" and 8" Figure 100/200/206 nuts are interchangeable with reliable brands
- available in other series and sizes, contact Dixon™

Material:

- forged steel meeting AISI standards

Dixon™ recommends using Loctite® Threadlocker Red 271™ when bolting together two-piece hammer union nuts to ensure that bolts do not loosen when in service. Option two is to weld the seams of the split nut. Bolt torque recommendation is 60 foot pounds. 



suction and discharge

NEW

Size	Description	Forged Steel Part #	Price
4"	split nut, figure 200/206, blue (includes bolts)	HU200400RN	\$138.05
5"	split nut, suction and discharge, black	HUS500RN	255.00
6"	split nut, figure 100, black (includes bolts)	HU100600RN	282.00
	split nut, figure 200/206, blue (includes bolts)	HU200600RN	282.00
8"	split nut, figure 100, black (includes bolts)	HU100800RN	304.00
	split nut, figure 200/206, blue (includes bolts)	HU200800RN	304.00

Hammer Unions

Features:

- Socket weld configurations and other materials are available, contact the factory for further information.
- Hammer unions work at extremely high pressures. Mismatching components of one series with another (i.e. series 602 with series 1502) can lead to destruction of property, serious bodily injury or death.
- temperature range: **-20°F to 250°F**
- non-shocking cold water pressure means that the rated value is the maximum operating pressure at ambient temperature:
 - no spikes higher than this pressure
 - no instantaneous pressure increases (0-2000 PSIG in ¼ of a second)
 - ambient temperature: 70°F



100 Series

Features:

- used on low pressure manifolds and lines and in applications running air, water, oil or gas up to **1,000 PSI NSCWP** (non-shock cold working pressure)
- yellow sub, black nut

Size	Configuration	NSCWP (PSI)	Forged Steel	
			Part #	Price/E
2"	threaded	1000	HU100200	\$52.90
2"	butt weld	1000	HU100200BW ¹	82.35
2½"	threaded	1000	HU100250	150.00
3"	threaded	1000	HU100300	139.05
4"	threaded	1000	HU100400	209.45
4"	butt weld	1000	HU100400BW ¹	269.20
6"	threaded	1000	HU100600	722.40
8"	threaded	1000	HU100800	981.65

¹ butt weld ends are schedule 40



200 Series

Features:

- used in general service applications running air, water, oil or gas up to **2,000 PSI NSCWP** (non-shock cold working pressure)
- grey sub, blue nut

Size	Configuration	NSCWP (PSI)	Forged Steel	
			Part #	Price/E
1"	threaded	2000	HU200100	\$35.35
1½"	threaded	2000	HU200150	116.15
2"	threaded	2000	HU200200	51.90
2"	butt weld	2000	HU200200BW ¹	87.10
2½"	threaded	2000	HU200250	229.60
3"	threaded	2000	HU200300	213.75
4"	threaded	2000	HU200400	271.80
6"	threaded	2000	HU200600	981.65
8"	threaded	2000	HU200800	1150.00

¹ butt weld ends are schedule 40



206 Series

Features:

- runs air, water, oil or gas up to **2,000 PSI NSCWP** (non-shock cold working pressure)
- O-ring mounted sub provides excellent sealing properties
- grey sub, blue nut

Size	Configuration	NSCWP (PSI)	Forged Steel	
			Part #	Price/E
1"	threaded	2000	HU206100	\$39.15
1½"	threaded	2000	HU206150	101.10
2"	threaded	2000	HU206200	59.00
2½"	threaded	2000	HU206250	224.80
3"	threaded	2000	HU206300	224.30
4"	threaded	2000	HU206400	250.00
6"	threaded	2000	HU206600	1066.10
8"	threaded	2000	HU206800	1600.00

• additional hammer unions are available on page 716-717



Dixon™ One-Piece Flange Adapters



male adapter x flange
with hammer union nut



female adapter x flange



male adapter x 45° flange
with hammer union nut

Application:

- used in the transfer of water, brine, water-based chemicals, water-based acids, and gelatinous proppant (sand) slurry used at hydraulic fracturing sites
- used with **HU200400RN** two-piece nut

Features:

- flange x female or male hammer union straights (standard or short length)
- 45° elbows in female and male (flange x hammer union)
- no welds or pipe threads to deteriorate and cause premature leakage
- two-piece nut is pinned and bolted for perfect alignment
- all 4" Figure 206 threads are interchangeable with other reliable brands
- all 4" 150# flanges are compatible with other reliable brands

Materials:

- iron adapters meet ASTM standards
- forged steel nuts meet AISI standards

Size	Description	Overall Length	Part #	Price/E
4"	female hammer union x 150# flange	5-1/8"	HUF206400FLG	\$271.50
	female hammer union x 150# flange short	3"	HUF206400FLG-ST	252.00
	female hammer union x 150# flange 45° elbow	10-31/32"	HUF206400FLG-45	392.50
	male hammer union x 150# flange includes nut and Buna-N O-ring	5-9/16" (with nut)	HUM206400FLG	397.00
	male hammer union x 150# flange short includes nut and Buna-N O-ring	3-13/32" (with nut)	HUM206400FLG-ST	377.50
	male hammer union x 150# flange 45° elbow includes nut and Buna-N O-ring	12-1/32" (with nut)	HUM206400FLG-45	520.90
	O-ring (Buna-N)	----	O347BU NEW	1.35

Dixon™ One-Piece 150# Flange to Weld Adapters

Application:

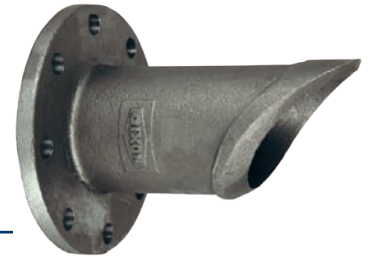
- used on a 12" pipe manifold to transfer water, brine, water-based chemicals, water-based acids or gelatinous proppant (sand) slurry at hydraulic fracturing sites

Features:

- no welds or pipe threads to deteriorate and cause premature leakage
- easy to weld to 12" pipe manifolds
- formed butt weld provides accurate alignment
- the 4" 150 lb. flange is compatible with other reliable brands

Material:

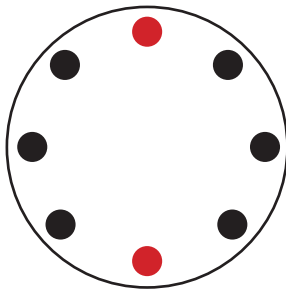
- WCA (weldable cast steel, grade A) meeting ASTM standards



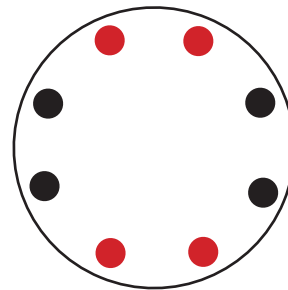
10½"

Size	Description	Weldable Cast Steel Part #	Price
4"	150# flange x weld adapter, vertical	WA4FL12X750-1	\$680.00
	150# flange x weld adapter, offset	WA4FL12X750-2	680.00
	150# flange x weld adapter, vertical	WA4FL12X1050-1	815.00
	150# flange x weld adapter, offset	WA4FL12X1050-2	815.00

Vertical Pattern



Offset Pattern



Hammer Union Caps and Plugs

Application:

- Prevents leakage of hydraulic fracturing fluids from hammer union connections used on manifolds and hose assemblies. Hammer union caps and plugs can be used in pressurized service or as dust caps/plugs on site or when transferring equipment.

Features:

- forged steel construction ensures longevity, reliability, and performance
- caps are designed with larger lugs for easier installation and disassembling
- cap design includes a threaded bolt hole for attaching chain or cable
- plugs are designed with larger handle for easier installation and disassembling
- plug design includes a handle hole to attach chain or cable

Material:

- forged steel meeting AISI standards



cap




plug

Size	Description	Forged Steel Part #	Price/E
4"	hammer union cap	HUC207400	\$192.60
	hammer union plug	HUP207400	192.60
	O-ring (Buna-N)	O429BU	2.00

B Application: Vent-Lock™ Safety Cam and Groove Couplings

- transfer of fluids and solids, with a safer disconnection

Features:

- safety release cam and groove couplings permit the release of static pressure when disconnecting hose assemblies
- venting system protects operator from being sprayed with hazardous or non-hazardous fluids or solids
- rated to **250 PSI**, recommendation based on the use of mating Dixon™ L-style fittings at ambient temperature (**70°F**) with standard Buna-N seal installed, for use at elevated temperature or other unusual operating conditions, consult Dixon™
- does not interchange with standard cam and groove products use only with Dixon™ L-style fittings 
- safety orange powder coated cam arms

Materials:

- 316 stainless steel
- consult Dixon™ for availability of other materials

Attachment:

- ferrules, sleeves, bands, and other reliable options

Vent-Lock™ Type A Adapters

female NPT x male adapter



NEW

NEW

Size	316 Stainless Steel	
	Part #	Price/E
1"	L100-A-SS	\$72.95
1½"	L150-A-SS	85.80
2"	L200-A-SS	94.70
3"	L300-A-SS	215.00

Vent-Lock™ Type C Couplers

female coupler x hose shank



NEW

Size	316 Stainless Steel	
	Part #	Price/E
1"	L100-C-SS	\$111.35
1½"	L150-C-SS	160.00
2"	L200-C-SS	168.60

- new Vent-Lock™ inventory will feature safety orange powder coated cam arms

Vent-Lock™ Type E Adapters

male adapter x hose shank



NEW

NEW

Size	type E 316 Stainless Steel	
	Part #	Price/E
1"	L100-E-SS	\$75.40
1½"	L150-E-SS	99.00
2"	L200-E-SS	106.65
3"	L300-E-SS	272.75

Vent-Lock™ Safety Cam and Groove Couplings

Vent-Lock™ Type DC Dust Caps

Size	316 Stainless Steel	
	Part #	Price/E
1"	L100-DC-SS	\$101.50
1½"	L150-DC-SS	134.95
2"	L200-DC-SS	150.60

NEW

- new Vent-Lock™ inventory will feature safety orange powder coated cam arms



Vent-Lock™ Type DP Dust Plugs

Size	type DP 316 Stainless Steel	
	Part #	Price/E
1"	L100-DP-SS	\$63.10
1½"	L150-DP-SS	72.20
2"	L200-DP-SS	93.75
3"	L300-DP-SS	130.00

NEW**NEW**

Vent-Lock™ Safety EZ Boss-Lock™ Couplings

Size	type C 316 Stainless Steel		type D 316 Stainless Steel		type H 316 Stainless Steel	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
1"	RLC100EZ	\$119.65	---	---	RLH100EZ	\$105.40
1½"	RLC150EZ	154.50	---	---	RLH150EZ	140.50
2"	RLC200EZ	163.50	RLD200EZ	\$158.75	RLH200EZ	154.95
3"	RLC300EZ¹	375.00	---	---	RLH300EZ	194.00

¹ has drop shank**NEW**

Vent-Lock™ Safety Accessories

Dixon™ handle / ring / pin

Size	316 Stainless Steel	
	Part #	Price/E
1"	L100-HSCRPI-SI	\$18.00
1½" - 2"	L200-HSCRPI-SI	18.25



EZ Boss-Lock™ handle / ring / pin

Size	316 Stainless Steel	
	Part #	Price/E
1"	LRHEZ175	\$20.00
1½" - 2"	LRHEZ152	21.50
3"	LRHEZ34	24.00

**NEW**

C

What's the Future of Cam and Groove?



Andrews 1980

Boss-Lock 1985

EZ-Boss Lock 1996

Vent-Lock 2015

... 2016

Coming in 2016



The Right Connection®

Vent-Lock™ Safety Cam and Groove Couplings

Features:

- safety release cam and groove couplings permit the release of static pressure when disconnecting hose assemblies
- venting system protects operator from being sprayed with hazardous or non-hazardous fluids or solids
- rated to **250 PSI**, recommendation based on the use of mating Dixon™ L-style fittings at ambient temperature (**70°F**) with standard Buna-N seal installed, for use at elevated temperature or other unusual operating conditions, consult Dixon™
- does not interchange with standard cam and groove products use only with Dixon™ L-style fittings



C

EZ Boss-Lock™

Features:

- no more fumbling with clamps, wire, clips or pins, just close the handles and the locking mechanism is engaged
- extremely easy to open, the release lever is under your thumb when you want to open the fitting, ergonomic
- resistant to accidental disconnection when being dragged; the release lever opens in the direction opposite to the cam arm, so movements that can open the release lever also can close the cam arm
- if the rotating lever is not flush with the handle, it is not properly engaged
- no sliding pins to jam or pop open
- rotating action helps keep the locking device free of debris
- rugged design protects critical parts from impact
- can be supplied with custom shanks, also available with swaged and PF shanks for hard to couple chemical hoses
- assemblies are investment cast stainless steel with plated carbon steel pull rings
- small OD makes it easy to insert into the hose tubes on tank trucks and to use in restricted spaces
- assemblies can be retrofitted onto undamaged stainless steel Boss-Lock™ allowing you to protect your investment in stainless steel Boss-Lock™ couplings while you upgrade



Dixon™

Features:

- precision machined to rigid tolerances
- durable stainless steel cam arm pins will not rust or bind, providing greater strength and safety
- recess holds gasket firmly in place - ensures proper placement
- long shank design allows proper banding, thus eliminating the major cause of hose damage



Boss-Lock™

Features:

- The cast-in lugs allow safety clips to be attached once the lugs are passed through slots in the special cam lever arms providing a patented safety feature. The clips prevent the coupler from being unlocked until they are removed, providing a *positive locking action*.
- Boss-Lock™ investment stainless steel cam arms are guaranteed! Should you break a Boss-Lock™ investment stainless steel cam arm, return it to the nearest warehouse for a free replacement.
- The pull ring safety clip simplifies the locking action on Boss-Lock™ couplers. No more inserting clips or dangling lanyards, just a twist and it's locked, giving you a low profile positive locking action.



King Crimp™ System Cam & Groove

C



Dixon™ Type C domestic coupler



EZ Boss-Lock™ Type C domestic coupler



Type C global coupler



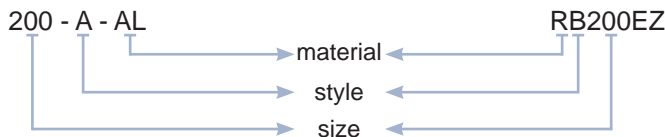
Dixon™ Type E domestic adapter



Type E global adapter

- for a complete listing of the King Crimp™ system products, including cam and groove fittings, please reference pages 12-20

Ordering System



Operation of Cam and Groove

1. To make connection, simply slide the adapter into the coupler and with normal hand pressure, press the cam levers down.
2. Uncoupling is as quick and simple as coupling. Just lift the cam arms and remove the adapter.

Size represents the coupler or adapter and hose or pipe end. (i.e. 200 = 2") If the coupling is a reducing size, the coupler or adapter is the first size. (i.e. 4030-C is 4" coupler to 3" hose shank).

Specifications on Dixon Cam and Groove

Specifications:

- Dixon™, Boss-Lock™ and EZ Boss-Lock™ cam and groove couplers and adapters are produced to interchange with all product produced to Commercial Item Description A-A-59326D.
- No standard exists for the ½" and 8" fittings, and generally these sizes do not interchange with other manufacturers.
- Dust caps and dust plugs are **not** to be used in pressure applications for safety and environmental reasons.
- *Designed for use with liquids*, consult Dixon™ for specific recommendations.

Pressure Ratings:

! Recommendations based on the use of mating Dixon™ fittings at ambient temperature (70°F) with standard Buna-N seal installed. For use at elevated temperature or other unusual operating conditions, consult Dixon™. Dixon™, Boss-Lock™ and EZ Boss-Lock™ couplers and adapters maximum working pressure are as follows:

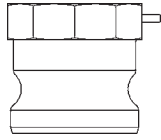
Size	½"	¾" thru 2"	2½"	3"	4"	5" and 6"	8"
PSI	150	250	150	125	100	75	50
PSI	150	250	150	150	150	75	50

(working pressure with King Crimp™ Ferrule system)

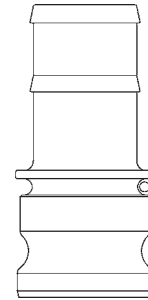
Cam and Groove Line Drawings

Line drawings are representative of the Dixon™ line of cam and groove.

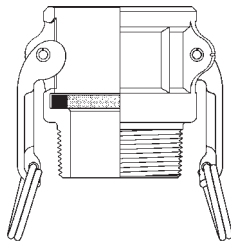
C



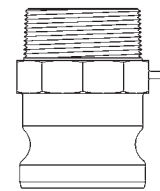
Type A
female NPT x male adapter



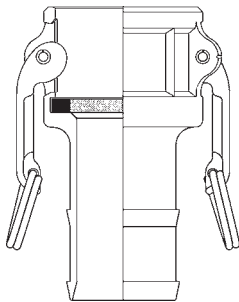
Type E
male adapter x hose shank



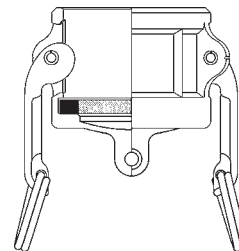
Type B
female coupler x male NPT



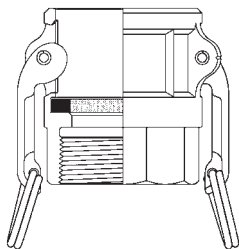
Type F
male NPT x male adapter



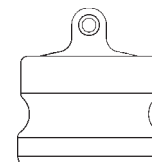
Type C
female coupler x hose shank



Type DC¹
dust cap



Type D
female coupler x female NPT



Type DP¹
dust plug



¹ Dust caps and dust plugs are **not** to be used in pressure applications for safety and environmental reasons.

⚠ WARNING

Under no circumstances should cam and groove couplings be used for compressed air or steam service!

Hastelloy® Adapters

C



Type A
female NPT x male adapter



Type F
male NPT x male adapter



Type E
male adapter x hose shank

Size	Hastelloy® CW12MW Part #	Price/E	Hastelloy® CW12MW Part #	Price/E	Hastelloy® CW12MW Part #	Price/E
1"	100-A-HA	\$290.00	100-F-HA	\$245.00	100-E-HA	\$271.00
1½"	150-A-HA	360.00	150-F-HA	505.00	150-E-HA	345.00
2"	200-A-HA	405.00	200-F-HA	620.00	200-E-HA	445.00
3"	300-A-HA	800.00	300-F-HA	995.00	300-E-HA	1300.00

Hastelloy® Couplers

Features:

- couplers supplied with FKM gaskets
- 316 stainless steel cam arms
- 302 stainless steel pins
- yellow zinc plated 12 gauge steel wire rings



Type C
female coupler x hose shank



Type D
female coupler x female NPT



Type B
female coupler x male NPT

Size	Hastelloy® CW12MW Part #	Price/E	Hastelloy® CW12MW Part #	Price/E	Hastelloy® CW12MW Part #	Price/E
1"	HAC100EZ	\$460.00	HAD100EZ	\$492.00	HAB100EZ	\$420.40
1½"	HAC150EZ	560.00	HAD150EZ	615.00	HAB150EZ	525.40
2"	HAC200EZ	611.00	HAD200EZ	645.00	HAB200EZ	568.30
3"	HAC300EZ	1700.00	HAD300EZ	1200.00	HAB300EZ	1100.00

Dixon™ / Boss-Lock™ Type A Adapters

female NPT x male adapter

Feature:

- Pressure rating is based on the seal of the mating part. See ratings on page 32.

C

356T6 aluminum



aluminum hard coat



brass

Size	356T6 Aluminum		Aluminum Hard Coat		Brass	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/2"	50-A-AL ²	\$12.00	---	---	50-A-BR	\$19.00
3/4" x 1/2"	7550-A-AL ²	15.25	---	---	7550-A-BR	36.70
3/4"	75-A-AL ²	10.20	---	---	75-A-BR	23.10
1"	100-A-AL ²	12.85	---	---	100-A-BR	26.90
1 1/4"	125-A-AL	17.20	---	---	125-A-BR	43.00
1 1/2"	150-A-AL	17.60	150-A-ALH	\$30.30	150-A-BR	43.95
2"	200-A-AL	19.30	200-A-ALH	36.00	200-A-BR	55.60
2 1/2"	250-A-AL	28.90	---	---	250-A-BR	98.50
3"	300-A-AL	27.95	300-A-ALH	47.00	300-A-BR	112.25
4"	400-A-AL	62.80	400-A-ALH	97.00	400-A-BR	190.00
5"	500-A-AL	102.00	---	---	500-A-BR	298.90
6"	600-A-AL	122.80	600-A-ALH	188.00	600-A-BR	397.00
8" DIX	800-A-AL ¹	341.25	---	---	---	---
8" BL	801-A-AL ¹	357.95	---	---	---	---



¹ Dixon™ and Boss-Lock™ cam and groove couplings *do not interchange in the 1/2" and 8" sizes.*

² made from 6061-T6 aluminum



unplated malleable iron



plated malleable iron



316 stainless

Size	Unplated Malleable Iron		Plated Malleable Iron		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/2"	---	---	---	---	50-A-SS	\$45.45
3/4" x 1/2"	---	---	---	---	7550-A-SS	67.70
3/4"	---	---	75-A-PM	\$16.95	75-A-SS	46.75
1"	---	---	100-A-PM	19.00	100-A-SS	49.40
1 1/4"	---	---	---	---	125-A-SS	61.30
1 1/2"	150-A-MI	\$26.00	150-A-PM	29.00	150-A-SS	59.40
2"	200-A-MI	32.10	200-A-PM	35.00	200-A-SS	63.00
2 1/2"	---	---	---	---	250-A-SS	198.75
3"	300-A-MI	50.80	300-A-PM	55.50	300-A-SS	120.00
4"	400-A-MI	82.00	400-A-PM	86.60	400-A-SS	222.00
5"	500-A-MI	173.25	---	---	500-A-SS	346.00
6"	---	---	600-A-PM ¹	190.00	600-A-SS	384.80

¹ ductile iron

Dixon™ Type B Couplers

female coupler x male NPT

Features:

- Finger rings are not supplied on ½" - 1" Dixon™ couplings.
- ½" Dixon™ coupler has only one cam arm.
- Couplers are supplied standard with a Buna-N gasket. Other gasket types are available on pages 78-79.



356T6 aluminum



aluminum hard coat



brass

Size	356T6 Aluminum		Aluminum Hard Coat		Brass	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
½"	50-B-AL	\$25.60	---	---	50-B-BR	\$40.50
¾"	75-B-AL	25.75	---	---	75-B-BR	46.10
1"	100-B-AL	26.90	---	---	100-B-BR	51.00
1¼"	125-B-AL	44.70	---	---	---	---
1½"	150-B-AL	28.70	150-B-ALH	\$47.50	150-B-BR	76.25
2"	200-B-AL	35.10	200-B-ALH	54.00	200-B-BR	87.00
2½"	250-B-AL	66.00	---	---	---	---
3"	300-B-AL	56.25	300-B-ALH	81.30	300-B-BR	167.40
4"	400-B-AL	80.80	400-B-ALH	122.00	400-B-BR	228.00
5"	500-B-AL	140.90	---	---	---	---
6"	600-B-AL	186.80	600-B-ALH	267.00	---	---
8"	800-B-AL ^{1,2}	1030.00	---	---	---	---



¹ Dixon™ and Boss-Lock™ cam and groove couplings *do not interchange in the ½" and 8" sizes.*
The 8" Dixon™ design has 4 cam arms, Boss-Lock™ design has 2 cam arms.

² Parts are produced as a welded fabrication.



unplated malleable iron



316 stainless

Size	Unplated Malleable Iron		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
½"	---	---	50-B-SS	\$74.80
¾"	---	---	75-B-SS	73.40
1"	---	---	100-B-SS	81.00
1½"	150-B-MI ¹	\$57.95	150-B-SS	105.80
2"	200-B-MI	70.50	200-B-SS	119.60
2½"	---	---	250-B-SS	284.00
3"	300-B-MI ¹	105.00	300-B-SS	225.00
4"	400-B-MI	154.05	400-B-SS	275.00
6"	---	---	600-B-SS	782.00

¹ ductile iron

Boss-Lock™ Type B Couplers

female coupler x male NPT

Features:

- All Boss-Lock™ couplers are supplied with pull-ring safety clips.
- Couplers are supplied standard with a Buna-N gasket. Other gasket types are available on pages 78-79.

C



356T6 aluminum



brass



plated malleable iron



316 stainless

Size	356T6 Aluminum		Brass		Plated Malleable Iron		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
¾" x ½"	---	---	---	---	---	---	RB050BL	\$98.25
¾"	---	---	BB075	\$69.00	---	---	RB075BL	91.30
1"	AB100	\$45.25	BB100	73.60	IB100	\$60.00	RB100BL	93.75
1¼"	AB125	49.35	BB125	88.30	---	---	RB125BL	133.35
1½"	AB150	44.40	BB150	96.30	---	---	RB150BL	128.00
2"	AB200	45.40	BB200	116.85	IB200	81.25	RB200BL	136.25
2½"	AB250	68.15	BB250	146.50	---	---	---	---
3"	AB300	75.25	BB300	205.00	---	---	RB300BL	256.00
4"	AB400	105.00	BB400	295.00	---	---	RB400BL	296.00
6"	AB600	281.90	---	---	---	---	---	---

EZ Boss-Lock™ Type B Couplers

female coupler x male NPT

Features:

- Couplers are supplied standard with a Buna-N gasket. Other gasket types are available on pages 78-79.
- **Under no circumstances should the EZ Boss-Lock™ cam arms be used on any fitting not specifically designed for their use.** See pages 31 and 76 for further specifications.



356T6 aluminum



brass



316 stainless

Size	356T6 Aluminum		Brass		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
¾" x ½"	---	---	---	---	RB050EZ	\$119.00
¾"	---	---	BB075EZ	\$94.00	RB075EZ	104.00
1"	AB100EZ	\$69.20	BB100EZ	116.00	RB100EZ	109.70
1¼"	---	---	BB125EZ	126.00	RB125EZ	146.40
1½"	AB150EZ	79.75	BB150EZ	138.00	RB150EZ	143.65
2"	AB200EZ	81.30	BB200EZ	156.80	RB200EZ	157.00
3"	AB300EZ	120.75	BB300EZ	275.60	RB300EZ	272.95
4"	AB400EZ	152.50	BB400EZ	370.80	RB400EZ	325.00
6"	---	---	---	---	RB600EZ	595.30

Dixon™ Type C Couplers

female coupler x hose shank

C

Features:

- Finger rings are not supplied on ½" - 1" Dixon™ couplings.
- ½" Dixon coupler has only one cam arm.
- Couplers are supplied standard with a Buna-N gasket. Other gasket types are available on pages 78-79.



356T6 aluminum



aluminum hard coat



brass

Size	356T6 Aluminum		Aluminum Hard Coat		Brass	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
½"	50-C-AL	\$21.50	---	---	50-C-BR	\$46.40
¾"	75-C-AL	24.70	---	---	75-C-BR	50.95
1"	100-C-AL	27.30	---	---	100-C-BR	62.05
1¼"	125-C-AL	57.00	---	---	125-C-BR	88.00
1½"	150-C-AL	34.75	150-C-ALH	\$46.00	150-C-BR	83.60
2"	200-C-AL	37.95	200-C-ALH	57.30	200-C-BR	105.90
2½"	250-C-AL	69.65	---	---	250-C-BR	136.00
3"	300-C-AL	60.00	300-C-ALH	87.95	300-C-BR	189.00
4"	400-C-AL	81.60	400-C-ALH	111.40	400-C-BR	238.00
5"	500-C-AL	123.85	---	---	---	---
6"	600-C-AL	195.95	600-C-ALH	251.00	600-C-BR	814.90
8"	800-C-AL ¹	757.00	---	---	---	---



¹ Dixon™ and Boss-Lock™ cam and groove couplings *do not interchange in the ½" and 8" sizes*. The 8" Dixon™ design has 4 cam arms, Boss-Lock™ design has 2 cam arms.



unplated malleable iron



316 stainless

Size	Unplated Malleable Iron		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
½"	---	---	50-C-SS	\$57.60
¾"	---	---	75-C-SS	69.10
1"	---	---	100-C-SS	79.30
1¼"	---	---	125-C-SS	138.40
1½"	150-C-MI	\$51.55	150-C-SS	96.60
2"	200-C-MI	54.00	200-C-SS	114.25
2½"	---	---	250-C-SS	292.50
3"	300-C-MI ^{1,2}	87.00	300-C-SS	198.70
4"	400-C-MI ^{1,2}	112.20	400-C-SS	336.00
5"	---	---	500-C-SS	474.00
6"	600-C-MI ^{1,2}	210.00	600-C-SS	548.00

¹ Suitable for use with King Crimp™ sleeves and ferrules, see pages 14-17.

² ductile iron

Boss-Lock™ Type C Couplers

female coupler x hose shank

Features:

- All Boss-Lock™ couplers are supplied with pull-ring safety clips.
- Couplers are supplied standard with a Buna-N gasket. Other gasket types are available on pages 78-79.



356T6 aluminum



brass



plated malleable iron



316 stainless

Size	356T6 Aluminum		Brass		Plated Malleable Iron		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
¾" x ½"	---	---	---	---	---	---	RC050BL	\$91.00
¾"	AC075	\$36.00	BC075	\$57.00	IC075	\$66.25	RC075BL	93.50
1"	AC100	37.30	BC100	70.00	IC100	52.80	RC100BL	97.20
1¼"	AC125	46.25	BC125	95.50	---	---	RC125BL	136.50
1½"	AC150	43.80	BC150	96.80	IC150	63.00	RC150BLNO	122.75
2"	AC200	47.40	BC200	112.90	IC200	85.50	RC200BLNO	116.80
2½"	AC250	56.75	BC250	165.00	---	---	---	---
3"	AC300	69.00	BC300	178.00	IC300	108.70	RC300BL	210.40
4"	AC400	101.55	BC400	303.00	IC400 ²	150.00	RC400BLNO	297.00
6"	AC600	223.65	BC600	710.00	IC600 ²	391.00	---	---
8"	AC800 ¹	568.00	---	---	---	---	---	---



¹ Dixon™ and Boss-Lock™ cam and groove couplings *do not interchange in the ½" and 8" sizes*. The 8" Dixon™ design has 4 cam arms, Boss-Lock™ design has 2 cam arms.

² ductile iron

EZ Boss-Lock™ Type C Couplers

female coupler x hose shank

Feature:

- Couplers are supplied standard with a Buna-N gasket. Other gasket types are available on pages 78-79.



356T6 aluminum



brass



316 stainless

Size	356T6 Aluminum		Brass		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
¾" x ½"	---	---	---	---	RC050EZ	\$107.00
¾"	AC075EZ	\$60.80	BC075EZ	\$108.70	RC075EZ	99.00
1"	AC100EZ	68.80	BC100EZ	112.00	RC100EZCR	110.80
1¼"	---	---	BC125EZ	160.00	RC125EZCR	154.50
1½"	AC150EZ	72.80	BC150EZ	129.00	RC150EZNO	113.75
2"	AC200EZ	78.40	BC200EZ	145.90	RC200EZNO	121.30
2½"	AC250EZ	89.25	---	---	---	---
3"	AC300EZ	114.40	BC300EZ	235.00	RC300EZCR	210.00
4"	AC400EZ	146.00	BC400EZ	340.00	RC400EZCR	315.00
6"	AC600EZ	336.00	---	---	RC600EZCR	599.00
8"	AC800EZ ¹	615.00	---	---	---	---



¹ Dixon™ and Boss-Lock™ cam and groove couplings *do not interchange in the 8" and ½" sizes*. The 8" Dixon™ design has 4 cam arms, Boss-Lock™ design has 2 cam arms.
Under no circumstances should the EZ Boss-Lock™ cam arms be used on any fitting not specifically designed for their use.

See pages 31 and 76 for further specifications.

Dixon™ Type D Couplers

female coupler x female NPT

C Features:

- Finger rings are not supplied on ½" - 1" Dixon™ couplings.
- ½" Dixon™ coupler has only one cam arm.
- Couplers are supplied standard with a Buna-N gasket. Other gasket types are available on pages 78-79.



356T6 aluminum



aluminum hard coat



brass

Size	356T6 Aluminum		Aluminum Hard Coat		Brass	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
½"	50-D-AL	\$25.80	---	---	50-D-BR	\$39.00
¾"	75-D-AL	25.60	---	---	75-D-BR	50.70
1"	100-D-AL	26.25	---	---	100-D-BR	49.60
1¼"	125-D-AL	49.50	---	---	125-D-BR	87.70
1½"	150-D-AL	32.75	150-D-ALH	\$53.80	150-D-BR	72.50
2"	200-D-AL	36.00	200-D-ALH	59.00	200-D-BR	91.00
2½"	250-D-AL	64.15	---	---	250-D-BR	137.45
3"	300-D-AL	55.00	300-D-ALH	81.60	300-D-BR	159.00
4"	400-D-AL	77.90	400-D-ALH	125.00	400-D-BR	239.00
5"	500-D-AL	130.00	---	---	500-D-BR	462.00
6"	600-D-AL	177.00	600-D-ALH	260.00	600-D-BR	645.00
8"	800-D-AL ¹	777.00	---	---	---	---



¹ Dixon™ and Boss-Lock™ cam and groove couplings *do not interchange in the ½" and 8" sizes*. The 8" Dixon™ design has 4 cam arms, Boss-Lock™ design has 2 cam arms.



unplated malleable iron



316 stainless

Size	Unplated Malleable Iron		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
½"	---	---	50-D-SS	\$70.60
¾"	---	---	75-D-SS	76.40
1"	---	---	100-D-SS	80.00
1¼"	---	---	125-D-SS	133.00
1½"	150-D-MI	\$55.00	150-D-SS	108.15
2"	200-D-MI	56.95	200-D-SS	117.70
2½"	---	---	250-D-SS	238.00
3"	300-D-MI	99.75	300-D-SS	219.30
4"	400-D-MI ¹	124.50	400-D-SS	306.00
5"	500-D-MI	211.00	500-D-SS	535.00
6"	---	---	600-D-SS	620.00

¹ ductile iron

Boss-Lock™ Type D Couplers

female coupler x female NPT

Features:

- All Boss-Lock™ couplers are supplied with pull-ring safety clips.
- Couplers are supplied standard with a Buna-N gasket. Other gasket types are available on pages 78-79.

C



356T6 aluminum



brass



plated malleable iron



316 stainless

Size	356T6 Aluminum		Brass		Plated Malleable Iron		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
3/4" x 1/2"	AD050	\$46.40	BD050	\$61.95	---	---	RD050BL	\$105.00
3/4"	AD075	42.60	BD075	60.60	ID075	\$52.10	RD075BL	90.60
1"	AD100	39.20	BD100	66.50	ID100	55.30	RD100BL	92.20
1 1/4"	AD125	47.00	BD125	85.00	---	---	RD125BL	130.20
1 1/2"	AD150	43.00	BD150	82.00	ID150	66.65	RD150BL	119.40
2"	AD200	44.40	BD200	99.60	ID200	78.70	RD200BL	132.90
2 1/2"	AD250	67.40	BD250	171.00	---	---	---	---
3"	AD300	67.60	BD300	187.00	ID300	113.50	RD300BL	248.00
4"	AD400	87.85	BD400	255.00	ID400	129.50	RD400BL	323.00
5"	AD500	141.00	---	---	---	---	---	---
6"	AD600	224.80	BD600	632.00	ID600²	418.00	---	---
8"	AD800¹	526.70	---	---	---	---	---	---



¹ Dixon™ and Boss-Lock™ cam and groove couplings do not interchange in the 1/2" and 8" sizes.

The 8" Dixon™ design has 4 cam arms, Boss-Lock™ design has 2 cam arms.

² ductile iron

EZ Boss-Lock™ Type D Couplers

female coupler x female NPT

Feature:

- Couplers are supplied standard with a Buna-N gasket. Other gasket types are available on pages 78-79.



356T6 aluminum



brass



316 stainless



Heavy Duty 316 stainless

Size	356T6 Aluminum		Brass		316 Stainless Steel		Heavy Duty 316 Stainless Steel	
	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
3/4" x 1/2"	---	---	---	---	RD050EZ	\$121.50	---	---
3/4"	AD075EZ	\$67.25	BD075EZ	\$105.00	RD075EZ	106.50	---	---
1"	AD100EZ	70.55	BD100EZ	111.00	RD100EZ	107.20	---	---
1 1/4"	---	---	BD125EZ	142.00	RD125EZ	141.70	---	---
1 1/2"	AD150EZ	76.90	BD150EZ	123.00	RD150EZ	145.80	---	---
2"	AD200EZ	75.25	BD200EZ	143.50	RD200EZ	147.00	---	---
2 1/2"	AD250EZ	94.30	BD250EZ	200.00	RD250EZ	265.00	---	---
3"	AD300EZ	120.10	BD300EZ	253.00	RD300EZ	278.00	RD300EZHD	\$265.00
4"	AD400EZ	138.20	BD400EZ	310.00	RD400EZ	337.60	RD400EZHD	420.00
5"	AD500EZ	205.00	---	---	---	---	---	---
6"	AD600EZ	327.00	---	---	RD600EZ	550.00	---	---
8"	AD800EZ¹	536.00	---	---	---	---	---	---




¹ Dixon™ and Boss-Lock™ cam and groove couplings do not interchange in the 8" and 1/2" sizes.

The 8" Dixon™ design has 4 cam arms, Boss-Lock™ design has 2 cam arms.

Under no circumstances should the EZ Boss-Lock™ cam arms be used on any fitting not specifically designed for their use. See pages 31 and 76 for further specifications.

Dixon™ / Boss-Lock™ Type E Adapters

male adapter x hose shank

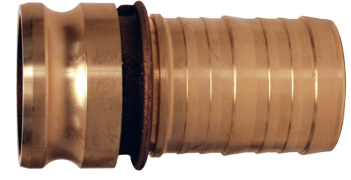
C  Pressure rating is based on the seal of the mating part. See ratings on page 32.



356T6 aluminum




aluminum hard coat



brass

Size	356T6 Aluminum		Aluminum Hard Coat		Brass	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
½"	50-E-AL	\$16.00	---	---	50-E-BR	\$25.50
¾" x ½"	7550-E-AL	13.00	---	---	---	---
¾"	75-E-AL	12.30	---	---	75-E-BR	26.00
1"	100-E-AL	14.60	---	---	100-E-BR	40.85
1¼"	125-E-AL	19.30	---	---	125-E-BR	53.50
1½"	150-E-AL	20.25	150-E-ALH	\$34.65	150-E-BR	62.95
2"	200-E-AL	24.20	200-E-ALH	41.25	200-E-BR	86.85
2½"	250-E-AL	35.50	---	---	250-E-BR	121.00
3"	300-E-AL	38.85	300-E-ALH	62.00	300-E-BR	142.25
4"	400-E-AL	70.95	400-E-ALH	105.00	400-E-BR	243.00
5"	500-E-AL	107.00	---	---	---	---
6"	600-E-AL	147.70	600-E-ALH	210.00	600-E-BR	624.00
8" DIX	800-E-AL ¹	567.00	---	---	---	---
8" BL	801-E-AL ¹	584.50	---	---	---	---

 ¹ Dixon™ and Boss-Lock™ cam and groove couplings *do not interchange in the ½" and 8" sizes.*

Dixon™ / Boss-Lock™ Type E Adapters

male adapter x hose shank



unplated malleable iron



plated malleable iron



316 stainless

Size	Unplated Malleable Iron		Plated Malleable Iron		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
½"	---	---	---	---	50-E-SS	\$46.35
¾" x ½"	---	---	---	---	7550-E-SS	55.20
¾"	---	---	75-E-PM	\$25.60	75-E-SS	49.20
1"	---	---	100-E-PM	28.10	100-E-SS	51.00
1¼"	---	---	125-E-PM	31.00	125-E-SS	72.10
1½"	150-E-MI	\$32.60	150-E-PM	35.40	150-E-SS	72.35
2"	200-E-MI	41.45	200-E-PM	43.50	200-E-SS	76.35
2½"	---	---	---	---	250-E-SS	198.00
3"	300-E-MI ^{1,2}	53.20	300-E-PM ^{1,2}	60.00	300-E-SS	141.50
4"	400-E-MI ^{1,2}	86.35	400-E-PM ^{1,2}	99.75	400-E-SS	278.00
5"	---	---	---	---	500-E-SS	420.00
6"	600-E-MI ^{1,2}	184.80	600-E-PM ^{1,2}	231.00	600-E-SS	554.00

¹ Suitable for King Crimp™ sleeves and ferrules, see pages 14-17.

² ductile iron

Dixon™ / Boss-Lock™ Type F Adapters

male NPT x male adapter



• Pressure rating is based on the seal of the mating part. See ratings on page 32.

C



356T6 aluminum



aluminum hard coat



brass

Size	356T6 Aluminum		Aluminum Hard Coat		Brass	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/2"	50-F-AL	\$11.00	---	---	50-F-BR	\$23.15
3/4" x 1/2"	7550-F-AL	24.00	---	---	7550-F-BR	55.50
3/4"	75-F-AL	12.30	---	---	75-F-BR	28.10
1"	100-F-AL	15.95	---	---	100-F-BR	36.10
1 1/4"	125-F-AL	19.15	---	---	125-F-BR	54.25
1 1/2"	150-F-AL	19.90	150-F-ALH	\$34.10	150-F-BR	47.45
2"	200-F-AL	21.10	200-F-ALH	38.30	200-F-BR	57.30
2 1/2"	250-F-AL	38.30	---	---	250-F-BR	132.50
3"	300-F-AL	38.25	300-F-ALH	62.90	300-F-BR	152.00
4"	400-F-AL	72.50	400-F-ALH	109.00	400-F-BR	218.00
5"	500-F-AL	133.00	---	---	---	---
6"	600-F-AL	149.00	600-F-ALH	220.45	600-F-BR	585.00
8" DIX	800-F-AL ¹	450.00	---	---	---	---
8" BL	801-F-AL ¹	460.00	---	---	---	---

¹ Dixon™ and Boss-Lock™ cam and groove couplings do not interchange in the 1/2" and 8" sizes.

unplated malleable iron



plated malleable iron



316 stainless

Size	Unplated Malleable Iron		Plated Malleable Iron		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/2"	---	---	---	---	50-F-SS	\$48.40
3/4" x 1/2"	---	---	---	---	7550-F-SS	73.00
3/4"	---	---	75-F-PM	\$24.75	75-F-SS	55.30
1"	---	---	100-F-PM	22.80	100-F-SS	60.75
1 1/4"	---	---	---	---	125-F-SS	84.70
1 1/2"	150-F-MI	\$33.10	150-F-PM	35.25	150-F-SS	79.30
2"	200-F-MI	38.75	200-F-PM	43.40	200-F-SS	83.00
2 1/2"	---	---	---	---	250-F-SS	285.00
3"	300-F-MI	73.25	300-F-PM	76.00	300-F-SS	180.00
4"	400-F-MI	108.00	400-F-PM	113.20	400-F-SS	292.30
6"	---	---	600-F-PM	275.00	600-F-SS	415.80

Dixon™ Type DC Dust Caps

Features:

- Finger rings are not supplied on ½" - 1" Dixon™ couplings.
- ½" Dixon™ has only one cam arm.
- Couplers are supplied standard with a Buna-N gasket. Other gasket types are available on pages 78-79



356T6 aluminum



aluminum hard coat



brass

Size	356T6 Aluminum		Aluminum Hard Coat		Brass	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
½"	50-DC-AL	\$23.60	---	---	50-DC-BR	\$34.25
¾"	75-DC-AL	25.85	---	---	75-DC-BR	45.30
1"	100-DC-AL	24.85	---	---	100-DC-BR	52.00
1½"	150-DC-AL	32.75	150-DC-ALH	\$47.00	150-DC-BR	77.00
2"	200-DC-AL	30.20	200-DC-ALH	48.00	200-DC-BR	72.00
2½"	250-DC-AL	54.20	---	---	---	---
3"	300-DC-AL	41.10	300-DC-ALH	65.30	300-DC-BR	105.00
4"	400-DC-AL	54.00	400-DC-ALH	96.50	400-DC-BR	153.00
5"	500-DC-AL	86.40	---	---	500-DC-BR	336.00
6"	600-DC-AL	132.80	600-DC-ALH	205.00	---	---
8"	800-DC-AL ¹	534.00	---	---	---	---



¹ Dixon™ and Boss-Lock™ cam and groove couplings *do not interchange in the ½" and 8" sizes.*
The 8" Dixon™ dust cap has 2 cam arms.



unplated malleable iron



316 stainless

Size	Unplated Malleable Iron		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
½"	---	---	50-DC-SS	\$66.95
¾"	---	---	75-DC-SS	63.75
1"	---	---	100-DC-SS	71.50
1½"	---	---	150-DC-SS	89.00
2"	200-DC-MI	\$53.00	200-DC-SS	105.00
2½"	---	---	250-DC-SS	209.00
3"	300-DC-MI	67.20	300-DC-SS	133.00
4"	400-DC-MI	106.00	400-DC-SS	195.00
5"	---	---	500-DC-SS	415.00
6"	---	---	600-DC-SS	490.00

Dust Cap with Pull Handles for Hose Tubes

Features:

- Pull handles make it easier for tanker operators to remove delivery hoses from the storage tubes; the operator simply grabs the handle and easily pulls the hose out of the storage tube.
- Rugged aluminum constructed parts protect the hose coupling and adapter from damage during transportation and the removal of hoses from the hose storage tube.
- Prevents possible environmental issues due to leaking residue left in an open hose

Materials:

- aluminum body, brass cam arms (dust caps), Buna seals



Part #	Description	Price/E
300-DC-ALPH	3" aluminum dust cap with pull handle	\$79.80
400-DC-ALPH	4" aluminum dust cap with pull handle	91.85



Dust caps and dust plugs are not to be used in pressure applications for safety and environmental reasons.

Boss-Lock™ Type H Dust Caps

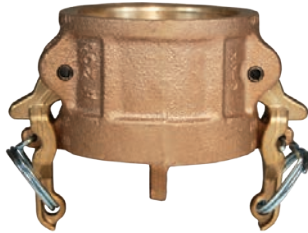
Features:

- All Boss-Lock™ couplers are supplied with pull-ring safety clips.
- Couplers are supplied standard with a Buna-N gasket. Other gasket types are available on pages 78-79.

C



356T6 aluminum



brass



plated malleable iron



316 stainless

Size	356T6 Aluminum		Brass		Plated Malleable Iron		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
¾"	---	---	---	---	---	---	RH075BL	\$76.80
1"	AH100	\$40.50	BH100	\$67.10	---	---	RH100BL	81.95
1¼"	AH125	41.10	BH125	81.00	---	---	RH125BL	104.25
1½"	AH150	43.20	BH150	84.90	IH150	\$59.00	RH150BL	105.25
2"	AH200	44.30	BH200	108.70	IH200	72.80	RH200BL	122.95
2½"	AH250	48.20	BH250	129.00	---	---	---	---
3"	AH300	71.40	BH300	160.00	IH300	97.40	RH300BL	188.65
4"	AH400	79.00	BH400	210.00	IH400	125.70	RH400BL	224.00
6"	AH600	218.35	BH600	520.00	IH600	315.00	---	---
8"	AH800 ¹	438.80	---	---	---	---	---	---



¹ Dixon™ and Boss-Lock™ cam and groove couplings *do not interchange in the ½" and 8" sizes.*
The 8" Boss-Lock™ design has 2 cam arms.

EZ Boss-Lock™ Type H Dust Caps

Feature:

- Couplers are supplied standard with a Buna-N gasket. Other gasket types are available on pages 78-79.



356T6 aluminum



brass



316 stainless

Size	356T6 Aluminum		Brass		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
¾"	---	---	---	---	RH075EZ	\$93.90
1"	AH100EZ	\$71.30	BH100EZ	\$114.00	RH100EZ	97.60
1¼"	---	---	---	---	RH125EZ	129.70
1½"	AH150EZ	72.00	BH150EZ	123.00	RH150EZ	126.30
2"	AH200EZ	72.80	BH200EZ	130.00	RH200EZ	143.45
2½"	AH250EZ	80.00	---	---	---	---
3"	AH300EZ	103.50	BH300EZ	244.00	RH300EZ	199.50
4"	AH400EZ	122.40	---	---	RH400EZ	245.00
6"	AH600EZ	260.00	---	---	RH600EZ	467.00



- *Under no circumstances should the EZ Boss-Lock™ cam arms be used on any fitting not specifically designed for their use.* See pages 31 and 76 for further specifications.
- *Dust caps and dust plugs are not to be used in pressure applications for safety and environmental reasons.*

Dixon™ / Boss-Lock™ Type DP Dust Plugs

C



356T6 aluminum



aluminum hard coat



brass

Size	356T6 Aluminum		Aluminum Hard Coat		Brass	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/2"	---	---	---	---	50-DP-BR	\$26.00
3/4"	75-DP-AL	\$12.80	---	---	75-DP-BR	30.95
1"	100-DP-AL	14.95	---	---	100-DP-BR	26.75
1 1/4"	125-DP-AL	17.70	---	---	125-DP-BR	46.35
1 1/2"	150-DP-AL	17.70	150-DP-ALH	\$32.25	150-DP-BR	50.45
2"	200-DP-AL	17.85	200-DP-ALH	36.20	200-DP-BR	50.70
2 1/2"	250-DP-AL	26.55	---	---	---	---
3"	300-DP-AL	25.80	300-DP-ALH	47.00	300-DP-BR	78.50
4"	400-DP-AL	38.25	400-DP-ALH	70.00	400-DP-BR	170.00
5"	500-DP-AL	64.25	---	---	---	---
6"	600-DP-AL	83.00	600-DP-ALH	130.60	600-DP-BR	540.00
8" DIX	800-DP-AL ¹	355.00	---	---	---	---
8" BL	801-DP-AL ¹	361.00	---	---	---	---



¹ Dixon™ and Boss-Lock™ cam and groove couplings do not interchange in the 1/2" and 8" sizes.



unplated malleable iron



plated malleable iron



316 stainless

Size	Unplated Malleable Iron		Plated Malleable Iron		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/2"	---	---	---	---	50-DP-SS	\$40.60
3/4"	---	---	---	---	75-DP-SS	42.40
1"	---	---	---	---	100-DP-SS	44.50
1 1/4"	---	---	125-DP-PM	\$31.00	125-DP-SS	47.80
1 1/2"	150-DP-MI	\$26.00	150-DP-PM	27.05	150-DP-SS	56.90
2"	200-DP-MI	32.15	200-DP-PM	35.30	200-DP-SS	64.00
2 1/2"	---	---	250-DP-PM	37.10	250-DP-SS	159.00
3"	300-DP-MI	41.10	300-DP-PM	44.80	300-DP-SS	102.70
4"	400-DP-MI	68.90	400-DP-PM	76.50	400-DP-SS	175.00
5"	---	---	---	---	---	---
6"	---	---	---	---	600-DP-SS	378.00

Dust Plug with Pull Handles for Hose Tubes

Features:

- Pull handles make it easier for tanker operators to remove delivery hoses from the storage tubes; the operator simply grabs the handle and easily pulls the hose out of the storage tube.
- Rugged aluminum constructed parts protect the hose coupling and adapter from damage during transportation and the removal of hoses from the hose storage tube.
- Prevents possible environmental issues due to leaking residue left in an open hose

Materials:

- aluminum body, brass cam arms (dust caps), Buna seals



Part #	Description	Price/E
300-DP-ALPH	3" aluminum dust plug with pull handle	\$51.50
400-DP-ALPH	4" aluminum dust plug with pull handle	42.15



Dust caps and dust plugs are not to be used in pressure applications for safety and environmental reasons.

Dixon™ Reducing Cam and Groove Couplings

In reducing cam and groove couplings, the coupler is the first size in the part number; (i.e., a 4030-DA-AL is a 4" coupler to a 3" adapter).

Feature:

- supplied standard with a Buna-N gasket, other gaskets available on pages 78-79

coupler x adapter

Size	356T6 Aluminum		Opt Qty	316 Stainless Steel	
	Part #	Price/E		Part #	Price/E
1" x 1½"	1015-DA-AL ¹	\$162.75	---	1015-DA-SS ¹	\$315.00
1½" x 1"	1510DAAL	72.70	---	1510-DA-SS ¹	315.00
1½" x 2"	1520-DA-AL	88.00	10	1520-DA-SS	295.00
2" x 1"	2010-DA-AL ¹	162.50	---	2010-DA-SS	251.60
2" x 1½"	2015-DA-AL	61.00	10	2015-DA-SS	272.00
2" x 2½"	2025-DA-AL ¹	170.00	---	2025-DA-SS ¹	525.00
2" x 3"	2030-DA-AL	75.20	10	2030-DA-SS	291.70
2" x 4"	2040-DA-AL	119.00	---	2040-DA-SS ¹	510.00
2½" x 2"	---	---	---	2520-DA-SS ¹	540.00
2½" x 3"	---	---	---	2530-DA-SS ¹	640.25
3" x 1½"	3015-DA-AL	92.70	---	3015-DA-SS ¹	410.00
3" x 2"	3020-DA-AL	77.40	10	3020-DA-SS	285.30
3" x 2½"	3025-DA-AL ¹	180.00	---	3025-DA-SS ¹	490.00
3" x 4"	3040-DA-AL	107.10	10	3040-DA-SS	788.00
3" x 6"	3060-DA-AL ¹	300.00	---	3060-DA-SS ¹	719.00
4" x 2"	4020-DA-AL	109.00	10	4020-DA-SS ¹	561.00
4" x 2½"	4025-DA-AL	167.50	---	4025-DA-SS ¹	732.00
4" x 3"	4030-DA-AL	115.30	5	4030-DA-SS	535.00
4" x 5"	4050-DA-AL	226.80	5	---	---
4" x 6"	4060-DA-AL	191.30	2	4060-DA-SS ¹	1100.00
5" x 3"	5030-DA-AL ¹	287.75	2	5030-DA-SS ¹	725.00
5" x 4"	5040-DA-AL	187.20	2	5040-DA-SS ¹	824.00
5" x 6"	5060-DA-AL ¹	399.00	---	5060-DA-SS	950.00
6" x 3"	6030-DA-AL	204.70	2	6030-DA-SS ¹	1158.75
6" x 4"	6040-DA-AL	199.75	2	6040-DA-SS	1200.00
6" x 5"	6050-DA-AL	331.35	---	6050-DA-SS ¹	1300.00
8" x 6"	8060-DA-AL ^{1,2}	1100.00	---	---	---

¹ parts are produced as a welded fabrication

² The 8" coupler only has 2 cam arms and *only interchanges with Dixon™ adapters.*

coupler x adapter

Size	Brass		Opt Qty	Unplated Malleable Iron		Opt Qty
	Part #	Price/E		Part #	Price/E	
3" x 2"	3020-DA-BR	\$305.00	10	3020-DA-MI	\$124.30	10
3" x 4"	3040-DA-BR	420.25	5	---	---	---
4" x 3"	4030-DA-BR	360.00	5	4030-DA-MI	204.00	---
6" x 4"	6040-DA-BR	695.00	---	6040-DA-MI	440.00	---



3" coupler x 1½" adapter



4" coupler x 6" adapter



3" coupler x 2½" adapter



5" coupler x 6" adapter

Coupler x Adapter with Port

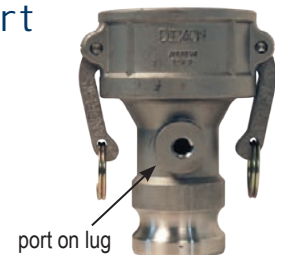
Size	Port	316 Stainless Steel	
		Part #	Price/E
3" x 3"	¼"	300DAT25SS	\$394.00
3" x 3"	⅜"	300DAT38SS	394.00
3" x 3"	½"	300DAT50SS	394.00
3" x 3"	¾"	300DAT75SS	394.00



port on lug

Reducing Coupler x Adapter with Port

Size	Port	316 Stainless Steel	
		Part #	Price/E
3" x 2"	¼"	3020DAT25SS	\$354.00
3" x 2"	⅜"	3020DAT38SS	354.00
3" x 2"	½"	3020DAT50SS	354.00
3" x 2"	¾"	3020DAT75SS	354.00



port on lug

Boss-Lock™ Reducing Cam and Groove Couplings

In reducing cam and groove couplings, the coupler is the first size in the part number; (i.e., a ADA4030 is a 4" coupler to a 3" adapter).

C



3" coupler x 2" adapter

Feature:

- supplied standard with a Buna-N gasket, other gaskets available on pages 78-79

coupler x adapter

Size	356T6 Aluminum		316 Stainless Steel		Opt Qty
	Part #	Price/E	Part #	Price/E	
2" x 3"	ADA2030 ¹	\$189.00	RDA2030BL ¹	\$415.00	10
2½" x 2"	ADA2520 ¹	173.80	---	---	--
2½" x 3"	ADA2530 ¹	295.00	---	---	--
3" x 2"	ADA3020	90.50	RDA3020BL	375.00	10
3" x 4"	ADA3040 ¹	225.75	RDA3040BL ¹	420.00	10
4" x 2"	ADA4020 ¹	252.00	RDA4020BL ¹	639.10	10
4" x 3"	ADA4030	138.60	RDA4030BL	599.00	10
6" x 4"	ADA6040 ¹	523.00	---	---	--
8" x 6"	ADA8060 ^{1,2}	1100.00	---	---	--

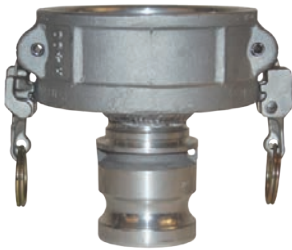


¹ parts are produced as a welded fabrication

² The 8" coupler *only interchanges with 8" Boss-Lock™ couplings.*

EZ Boss-Lock™ Reducing Cam and Groove Couplings

In reducing cam and groove couplings, the coupler is the first size in the part number; (i.e., a ADA4030EZ is a 4" coupler to a 3" adapter).



4" coupler x 2" adapter

Feature:

- supplied standard with a Buna-N gasket, other gaskets types available on pages 78-79

coupler x adapter

Size	356T6 Aluminum		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
2" x 3"	ADA2030EZ ¹	\$224.30	RDA2030EZ ¹	\$411.95
3" x 2"	ADA3020EZ	137.20	RDA3020EZ	385.80
3" x 4"	ADA3040EZ ¹	261.60	RDA3040EZ ¹	461.40
4" x 2"	ADA4020EZ ¹	294.70	RDA4020EZ ¹	630.00
4" x 3"	ADA4030EZ	194.25	RDA4030EZ	595.00
6" x 4"	ADA6040EZ ¹	581.00	RDA6040EZ	647.00

¹ parts are produced as a welded fabrication

Dixon™ Lockable Dust Caps

Features:

- supplied standard with a Buna-N gasket, other gaskets available on pages 78-79
- Dust caps and dust plugs are not to be used in pressure applications for safety and environmental reasons.*



Size	356T6 Aluminum			Brass		
	Part #	Price/E	Opt Qty	Part #	Price/E	Opt Qty
1½"	150DC-LAL	\$48.25	10	150DC-LBR	\$98.30	10
2"	200DC-LAL	52.00	10	200DC-LBR	96.00	10
3"	300DC-LAL	65.80	10	300DC-LBR	119.00	10
4"	400DC-LAL	89.20	10	---	---	---
6"	600DC-LAL	203.00	5	---	---	--

Feature:

- angled, ergonomic thumb release



Size	316 Stainless Steel	
	Part #	Price/E
1½"	150DC-LSS	\$119.00
2"	200DC-LSS	163.40
3"	300DC-LSS	197.00
4"	400DC-LSS	256.90

Dixon™ Spool Adapters

Feature:

- pressure rating is based on the seal of the mating part, see ratings on page 32

adapter x adapter

Size	356T6 Aluminum		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
1"	---	---	100-AA-SS	\$102.90
1¼"	---	---	125-AA-SS ¹	375.95
1½"	150-AA-AL	\$36.00	150-AA-SS	111.80
1½" x 2"	1520-AA-AL	45.40	1520-AA-SS	176.00
2"	200-AA-AL	41.25	200-AA-SS	160.00
2" x 3"	2030-AA-AL	64.50	2030-AA-SS	218.00
2" x 4"	2040-AA-AL	114.30	2040-AA-SS ¹	446.00
2½" x 3"	2530-AA-AL ¹	224.50	2530-AA-SS ¹	577.00
2½" x 4"	2540-AA-AL ¹	320.00	---	---
3"	300-AA-AL	65.20	300-AA-SS	261.30
3" x 4"	3040-AA-AL	94.50	3040-AA-SS ¹	520.15
4"	400-AA-AL	85.95	400-AA-SS	359.00
4" x 5"	4050-AA-AL	130.00	---	---
4" x 6"	4060-AA-AL	217.35	4060-AA-SS ¹	995.00
5"	500-AA-AL ¹	270.00	500-AA-SS ¹	875.50
5" x 6"	5060-AA-AL ¹	410.00	---	---
6"	600-AA-AL	236.50	600-AA-SS ¹	970.00

Size	Brass	
	Part #	Price/E
2"	200-AA-BR	\$123.75
3"	300-AA-BR	242.05

¹ parts are produced as a welded fabrication

increaser / reducer



same size

Dixon™ Spool Couplers

Feature:

- supplied standard with a Buna-N gasket, other gaskets available on pages 78-79

coupler x coupler

Size	356T6 Aluminum		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
1½"	---	---	150-DD-SS ¹	\$304.00
2"	200-DD-AL	\$67.70	200-DD-SS	196.25
2" x 3"	2030-DD-AL	110.00	2030-DD-SS	324.00
3"	300-DD-AL	89.75	300-DD-SS	302.30
3" x 4"	3040-DD-AL	125.50	3040-DD-SS ¹	710.00
4"	400-DD-AL	130.00	400-DD-SS ¹	780.00
4" x 5"	4050-DD-AL ¹	395.20	4050-DD-SS ¹	780.00
4" x 6"	4060-DD-AL ¹	357.00	4060-DD-SS	805.00
5"	500-DD-AL ¹	465.00	500-DD-SS	750.00
6"	600-DD-AL ¹	540.00	---	---

¹ parts are produced as a welded fabrication

reducer / increaser



same size

Boss-Lock™ Spool Couplers

Feature:

- supplied standard with a Buna-N gasket, other gaskets available on pages 78-79

coupler x coupler

Size	356T6 Aluminum		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
2"	ADD200 ¹	\$187.00	RDD200EZ	\$360.85
2" x 3"	ADD2030 ¹	195.00	RDD2030EZ ¹	450.00
3"	ADD300 ¹	261.00	RDD300EZ ¹	548.00
3" x 4"	ADD3040 ¹	320.00	RDD3040EZ ¹	640.00
4"	ADD400 ¹	320.00	RDD400EZ ¹	645.50
6"	---	---	RDD600EZ ¹	1260.00

¹ parts are produced as a welded fabrication

reducer / increaser



same size

Reducing Cam and Groove Couplings

In reducing couplings, the cam and groove end is the first size given in the part number. (i.e., a 4030-C-AL is a 4" coupler to a 3" hose shank).

C

Type A

Feature:

- pressure rating is based on the seal of the mating part, see ratings on page 30

male adapter x female NPT


reducing
male adapter x female NPT

Size	356T6 Aluminum		Opt Qty	316 Stainless Steel		Opt Qty
	Part #	Price/E		Part #	Price/E	
2" x 1½"	2015-A-AL	\$45.95	---	2015-A-SS ¹	\$208.70	--
2" x 3"	2030-A-AL	63.50	10	2030-A-SS	234.00	10
3" x 2"	3020-A-AL	59.75	10	3020-A-SS	295.00	10
3" x 4"	3040-A-AL	74.50	10	---	---	--
4" x 3"	4030-A-AL	68.00	10	4030-A-SS ¹	504.70	--
4" x 6"	4060-A-AL	187.20	5	---	---	--
6" x 4"	6040-A-AL	198.30	4	6040-A-SS ¹	985.00	--

¹ parts are produced as a welded fabrication

Type B

Feature:

- supplied standard with a Buna-N gasket, other gaskets available on pages 78-79

female coupler x male NPT


reducing
female coupler x male NPT

Size	356T6 Aluminum		Opt Qty	316 Stainless Steel	
	Part #	Price/E		Part #	Price/E
1½" x 1"	1510-B-AL	\$68.05	10	1510-B-SS ¹	\$320.00
2" x 1½"	2015-B-AL	63.40	10	2015-B-SS ¹	370.00
2" x 3"	2030-B-AL	84.50	---	---	---
3" x 2"	3020-B-AL	81.25	10	3020-B-SS ¹	358.00
3" x 4"	3040-B-AL	107.60	10	---	---
4" x 3"	4030-B-AL	125.25	5	4030-B-SS ¹	495.00

¹ parts are produced as a welded fabrication

Type C

Feature:

- supplied standard with a Buna-N gasket, other gaskets available on pages 78-79

female coupler x hose shank


reducing
female coupler x hose shank

Size	356T6 Aluminum		Opt Qty	316 Stainless Steel	
	Part #	Price/E		Part #	Price/E
1½" x 1"	---	---	---	1510-C-SS	\$246.75
2" x 1½"	2015-C-AL ¹	\$185.00	---	2015-C-SS ¹	260.00
3" x 2"	3020-C-AL	72.50	10	3020-C-SS	342.80
3" x 2½"	---	---	---	3025-C-SS	389.30
3" x 4"	3040-C-AL	130.00	5	---	---
4" x 3"	4030-C-AL	93.10	5	4030-C-SS ¹	600.00
5" x 4"	5040-C-AL ¹	375.00	---	---	---

¹ parts are produced as a welded fabrication

Type D

Feature:

- supplied standard with a Buna-N gasket, other gaskets available on pages 78-79

female coupler x female NPT


reducing
female coupler x female NPT

Size	356T6 Aluminum		Opt Qty	Brass		316 Stainless Steel	
	Part #	Price/E		Part #	Price/E	Part #	Price/E
1½" x 1"	1510-D-AL ¹	\$68.00	10	---	---	1510-D-SS ¹	\$306.00
2" x 1½"	2015-D-AL	50.15	10	---	---	2015-D-SS	220.00
3" x 2"	3020-D-AL	87.60	10	---	---	3020-D-SS	345.50
4" x 3"	4030-D-AL	127.00	10	4030-D-BR	\$312.00	4030-D-SS ¹	498.00
5" x 4"	5040-D-AL ¹	355.00	---	---	---	---	---
6" x 4"	6040-D-AL ¹	410.00	---	---	---	---	---

¹ parts are produced as a welded fabrication

Reducing Cam and Groove Couplings

In reducing couplings, the cam and groove end is the first size given in the part number. (i.e., a 4030-B-AL is a 4" coupler to a 3" male NPT).

C

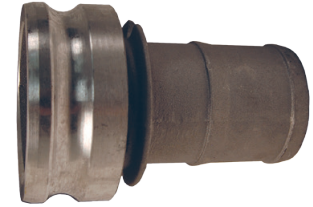
Type E

Feature:

- pressure rating is based on the seal of the mating part, see ratings on page 32

male adapter x hose shank

Size	356T6 Aluminum		Opt Qty	316 Stainless Steel	
	Part #	Price/E		Part #	Price/E
1½" x 1"	---	---	---	1510-E-SS	\$228.00
2" x 1½"	2015-E-AL ¹	\$180.00	---	2015-E-SS ¹	218.40
3" x 2"	---	---	---	3020-E-SS ¹	385.00
3" x 2½"	---	---	---	3025-E-SS	199.00
4" x 3"	4030-E-AL	86.80	10	4030-E-SS ¹	550.00
5" x 4"	5040-E-AL ¹	325.00	---	---	---



reducing
male adapter x hose shank

¹ parts are produced as a welded fabrication

Type F

Feature:

- pressure rating is based on the seal of the mating part, see ratings on page 32

male adapter x male NPT

Size	356T6 Aluminum		Opt Qty	316 Stainless Steel	
	Part #	Price/E		Part #	Price/E
1½" x 2"	1520-F-AL	\$45.00	---	---	---
2" x 1½"	2015-F-AL	45.30	---	2015-F-SS ¹	\$398.00
2" x 3"	2030-F-AL	69.00	---	---	---
3" x 1½"	3015-F-AL	64.60	10	3015-F-SS ¹	418.00
3" x 2"	3020-F-AL	64.25	10	3020-F-SS	410.00
3" x 4"	3040-F-AL	83.30	10	---	---
4" x 3"	4030-F-AL	88.90	10	4030-F-SS	325.00



reducing
male adapter x male NPT

¹ parts are produced as a welded fabrication

Adapters and Couplers with Straight Pipe Thread (NPSM)

Application:

- for delivery of dry goods

Features:

- cork buna gaskets are standard in threaded end replacement gasket; **400GAGFI, \$4.30**
- pressure rating is based on the seal of the mating part, see ratings on page 32

adapter x NPSM thread

Size	356T6 Aluminum	
	Part #	Price/E
4"	400-AS-AL	\$88.00


Feature:

- supplied standard with a Buna-N gasket, other gaskets available on pages 78-79

Boss-Lock coupler x NPSM thread

Size	356T6 Aluminum	
	Part #	Price/E
4"	ADS400	\$97.65



Cam and Groove x Cam and Groove Elbows

Features:

- supplied standard with a Buna-N gasket, other gaskets available on pages 78-79
- all parts are produced as a welded fabrication (except part # **400DD-45AL**)

45° Elbows

adapter x coupler



male adapter x female coupler

Size	356T6 Aluminum		316 Stainless Steel		Unplated Malleable Iron	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
2"	200DA-45AL	\$159.00	200DA-45SS	\$495.00	---	---
3"	300DA-45AL	180.00	300DA-45SS	715.00	---	---
4"	400DA-45AL	239.95	400DA-45SS	960.00	400DA-45MI	\$227.25
6"	600DA-45AL	543.00	---	---	---	---

NEW

coupler x coupler



female coupler x female coupler

Size	356T6 Aluminum		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
2"	200DD-45AL	\$164.85	---	---
3"	300DD-45AL	395.20	300DD-45SS	\$599.00
4"	400DD-45AL ¹	270.00	---	---
6"	600DD-45AL	730.00	---	---

¹ part is not a welded fabrication

90° Elbows

adapter x coupler



male adapter x female coupler

Size	356T6 Aluminum		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
1"	---	---	100DA-90SS	\$350.00
1½"	150DA-90AL	\$135.00	150DA-90SS	405.00
2"	200DA-90AL	90.95	200DA-90SS	365.00
3"	300DA-90AL	148.50	300DA-90SS	715.00
4"	400DA-90AL	232.80	400DA-90SS	795.00
5"	500DA-90AL	1500.00	---	---
6"	600DA-90AL	481.25	RDA90600EZ ²	2300.00

² EZ Boss-Lock design (not pictured)

coupler x coupler



female coupler x female coupler

Size	356T6 Aluminum		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
2"	200DD-90AL	\$179.60	---	---
3"	300DD-90AL	375.00	300DD-90SS	\$565.00
4"	400DD-90AL	198.00	---	---
6"	600DD-90AL	795.00	---	---

Cam and Groove Elbows

Type A

Feature:

- pressure rating is based on the seal of the mating part, see ratings on page 32

male adapter x female NPT 90° elbow

Size	356T6 Aluminum		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
1½"	150A-90AL	\$72.90	---	---
2"	200A-90AL	69.75	200A-90SS ¹	\$450.00
3"	300A-90AL	123.00	300A-90SS	487.40
4"	400A-90AL	224.00	---	---

¹ part is produced as a welded fabrication



male adapter x female NPT

Type B

Feature:

- supplied standard with a Buna-N gasket, other gaskets available on pages 78-79

female coupler x male NPT 90° elbow

Size	356T6 Aluminum		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
1½"	150B-90AL	\$77.00	---	---
2"	200B-90AL	91.00	200B-90SS ¹	\$490.00
3"	---	---	300B-90SS ¹	600.00

¹ Parts are produced as a welded fabrication.



female coupler x male NPT

Type C

Feature:

- supplied standard with a Buna-N gasket, other gaskets available on pages 78-79

female coupler x hose shank 90° elbow

Size	356T6 Aluminum		Brass		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
1¼"	---	---	125C-90BR	\$139.00	---	---
½"	150C-90AL	\$71.90	---	---	150C-90SS	\$390.00
2"	200C-90AL	71.80	200C-90BR	157.00	200C-90SS	340.00
3"	300C-90AL	102.90	---	---	300C-90SS	495.00
4"	400C-90AL	199.30	---	---	400C-90SS ¹	975.00
6"	600C-90AL	478.95	---	---	---	---

¹ part is produced as a welded fabrication



female coupler x hose shank

Cam and Groove Elbows

Type D

C

Feature:

- supplied standard with a Buna-N gasket, other gaskets available on pages 78-79

female coupler x female NPT 90° elbow

female coupler x female NPT

Size	356T6 Aluminum		Brass		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
1"	---	---	---	---	100D-90SS	\$210.00
1¼"	---	---	125D-90BR	\$134.10	---	---
1½"	150D-90AL	\$81.60	150D-90BR	118.00	---	---
2"	200D-90AL	68.30	200D-90BR	153.00	200D-90SS	217.35
3"	300D-90AL	110.00	---	---	300D-90SS	609.75
4"	400D-90AL	150.50	---	---	400D-90SS ¹	1015.00
4"	AD90400EZ ²	235.00	---	---	---	---
6"	600D-90AL	365.00	---	---	---	---

¹ part is produced as a welded fabrication

² EZ Boss-Lock™ design (not pictured)

Type E

Feature:

- pressure rating is based on the seal of the mating part, see ratings on page 32

male adapter x hose shank 90° elbow

male adapter x hose shank

Size	356T6 Aluminum		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
2"	---	---	200E-90SS ¹	\$504.00
3"	300E-90AL	\$143.00	300E-90SS	564.00
4"	400E-90AL	169.50	400E-90SS ¹	882.00

¹ parts are produced as a welded fabrication

Type F

Feature:

- pressure rating is based on the seal of the mating part, see ratings on page 32

male adapter x male NPT 90° elbow

male adapter x male NPT

Size	356T6 Aluminum		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
1½"	150F-90AL	\$60.00	---	---
2"	200F90AL	92.00	200F-90SS ¹	\$430.00
3"	---	---	300F-90SS ¹	765.00

¹ parts are produced as a welded fabrication

Adapters and Couplers x 150# Flanged Drilling

Features:

- aluminum and unplated iron flanges are flat faced
- stainless steel flanges are raised face
- see page 839 for flange bolt hole drilling circle standards only
- flanges are designed to mate with 150# flange
- flanges have the same bolt hole pattern as an ANSI 150 lb. flange, the thickness may vary

C

Dixon™ adapter x 150# flange

Size	356T6 Aluminum		Flange Thick.	Unplated Malleable Iron		Flange Thick.	316 Stainless Steel		Flange Thick.
	Part #	Price/E		Part #	Price/E		Part #	Price/E	
1"	---	---	---	---	---	---	100-AL-SS	\$209.00	9/16"
1½"	---	---	---	---	---	---	150-AL-SS	197.70	11/16"
2"	200-AL-AL	\$115.00	3/4"	---	---	---	200-AL-SS	229.70	7/16"
3"	300-AL-AL	121.50	5/8"	300-AL-MI	\$203.70	5/8"	300-AL-SS	299.00	7/16"
4"	400-AL-AL	164.00	5/8"	---	---	---	400-AL-SS	495.00	7/16"
6"	600-AL-AL	275.00	5/8"	---	---	---	600-AL-SS	750.00	5/8"
8"	800-AL-AL ¹	1400.00	1-1/8"	---	---	---	---	---	---

¹ part is produced as a welded fabrication



NEW

Feature:

- global product made to Dixon™ specifications

Global Dixon™ adapter x 150# ANSI flange

Size	316 Stainless Steel		Flange Thickness
	Part #	Price/E	
2"	200-AL-SSANSI	\$229.70	¾"
3"	300-AL-SSANSI	409.10	15/16"



Feature:

- supplied standard with a Buna-N gasket, other gaskets available on pages 78-79

Dixon™ coupler x 150# flange

Size	356T6 Aluminum		Flange Thickness	316 Stainless Steel		Flange Thickness
	Part #	Price/E		Part #	Price/E	
1"	---	---	---	100-DL-SS	\$196.10	21/32"
1½"	---	---	---	150-DL-SS	260.80	25/32"
2"	200-DL-AL	\$160.00	3/4"	200-DL-SS	385.00	7/16"
3"	300-DL-AL	222.00	15/16"	300-DL-SS	499.00	7/16"
4"	400-DL-AL	324.00	15/16"	400-DL-SS	985.00	7/16"
6"	600-DL-AL	419.00	1"	600-DL-SS	1124.00	5/8"
8"	800-DL-AL ¹	1800.00	1-1/8"	---	---	---

¹ part is produced as a welded fabrication



Feature:

- supplied standard with a Buna-N gasket, other gaskets available on pages 78-79

EZ Boss-Lock™ coupler x 150# flange

Size	316 Stainless Steel		Flange Thickness
	Part #	Price/E	
1"	RDL100EZ ¹	\$401.00	9/16"
1½"	RDL150EZ ¹	605.00	11/16"
2"	RDL200EZ	425.00	7/16"
3"	RDL300EZ ¹	600.00	7/16"
4"	RDL400EZ ¹	765.00	7/16"
6"	RDL600EZ ¹	1683.00	1"

¹ parts are produced as a welded fabrication



In-Line Sight Glass for Bulk Transfer

C



Application:

- designed for dry bulk transfer hose
- not intended for liquid service, for dry bulk transfer *only*



Features:

- aluminum body, Buna seals, acrylic sight glasses, stainless steel hardware and bronze cam arms (where applicable)

coupler x adapter			adapter x adapter		coupler x coupler	
Size	Part #	Price/E	Part #	Price/E	Part #	Price/E
3" x 3"	3533CA	\$329.65	3533AA	\$244.85	3533CC	\$410.80
3" x 4"	3534CA	329.65	3534AA	244.85	---	---
4" x 3"	3543CA	329.65	---	---	3543CC	410.80
4" x 4"	3544CA	329.65	3544AA	244.85	3544CC	410.80

Specialty Items



coupler x adapter wye

Size	356T6 Aluminum	
	Part #	Price/E
2"	200YDAAAL	\$142.00



tank truck flanged tee

Size	356T6 Aluminum	
	Part #	Price/E
4"	400-TLT-AL	\$255.00

TTMA Series Flange Adapters

Application:

- provides an easy way to quickly convert threaded components to a standard TTMA flange configuration

Features:

- solid cast lightweight aluminum design is more durable than welded fabrications
- design improves flow through adapter even on the 3" reducer
- compact size reduces the overall space needed to install
- for flange drilling standards, see page 839

C

Male Threaded

TTMA flange x standard male NPT

TTMA Flange	Male NPT	Aluminum	
		Part #	Price/E
3"	3"	TTF3AL-3MT	\$87.50
4"	3"	TTF4AL-3MT	65.90
4"	4"	TTF4AL-4MT	61.10



Extended Length - Male Threaded

TTMA flange x extended length male NPT

TTMA Flange	Male NPT	Aluminum	
		Part #	Price/E
4"	3"	TTF4AL-3EMT	\$87.50
4"	4"	TTF4AL-4EMT	102.15



Female Threaded

TTMA flange x female NPT

TTMA Flange	Female NPT	Aluminum	
		Part #	Price/E
4"	3"	TTF4AL-3FT	\$78.35
4"	4"	TTF4AL-4FT	78.05



Slip-on

TTMA flange x slip-on

TTMA Flange	Pipe Size	Aluminum	
		Part #	Price/E
4"	4"	TTF400SP	\$67.00



C



TETF4AL



TETFG4AL

TTMA Flange Extensions

Applications:

- used on load arms to connect an API load coupler to a load arm

Features:

- adds a 6" space between the load arm and the tank truck
- extension with groove provides a specified parting point to prevent excessive damage to the loading arm

Size	Description	Aluminum	
		Part #	Price/E
4"	TTMA flange extension	TETF4AL	\$130.00
4"	TTMA flange extension with groove	TETFG4AL	133.50
4"	TTMA flange extension with 1/2" female NPT port	TETF4ALFP50	304.85

NEW

Dixon™ Adapters and Couplers x TTMA

Features:

- aluminum flanges have a flat face, stainless flanges have a raised face
- see page 839 for flange drilling standards
- pressure rating is based on the seal of the mating part, see ratings on page 32

adapter x round tank truck flange (TTMA)

Size	356T6 Aluminum		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
3"	300-ALT-AL	\$78.25	300-ALT-SS¹	\$480.00
3" x 4"	3040ALTAL	112.80	---	---
4"	400-ALT-AL	84.70	400-ALT-SS¹	750.00
6"	600-ALT-AL	236.00	---	---

¹ parts are produced as a welded fabrication



adapter x round tank truck flange

Feature:

- supplied standard with a Buna-N gasket, other gaskets available on pages 78-79

coupler x round tank truck flange (TTMA)

Size	356T6 Aluminum		Price/E
	Part #		
3"	300-DLT-AL		\$142.60
3" x 4"	3040DLTAL		159.40
4"	400-DLT-AL		167.00
6"	600-DLT-AL		350.00



coupler x round tank truck flange

Dixon™ 22½° Adapters and Couplers x TTMA

Feature:

- pressure rating is based on the seal of the mating part, see ratings on page 32

22½° adapter x round tank truck flange (TTMA)

Size	356T6 Aluminum		Price/E
	Part #		
4"	40022ALTAL		\$186.30



22½° adapter x round flange

Feature:

- supplied standard with a Buna-N gasket, other gaskets available on pages 78-79

22½° coupler x round tank truck flange (TTMA)

Size	356T6 Aluminum		Price/E
	Part #		
4"	40022DLTAL		\$153.60



22½° coupler x round flange

TTMA Flange Gaskets

Size	OD	ID	Thick.	Material	Part #	Price/E
3"	5-5/8"	3-1/2"	1/8"	Cork / Buna	300GTTFCB	\$3.90
3"	5-5/8"	3-1/2"	1/16"	PTFE envelope with Klinger filler	300GTTFTK	17.25
3"	5-5/8"	3-1/2"	1/8"	Klingersil® C-4401	300GTTFK	9.95
3"	5-7/8"	3-1/2"	1/4"	PTFE with fiber core	40321TF	22.65
4"	6-5/8"	4-9/16"	1/8"	Cork / Buna	400GTTFCB	4.60
4"	6-5/8"	4-9/16"	1/8"	PTFE envelope with Klinger filler	400GTTFTK	23.00
4"	6-5/8"	4-9/16"	1/8"	Klingersil® C-4401	400GTTFK	18.25
4"	6-7/8"	4-9/16"	1/4"	PTFE with fiber core	40322TF	34.00



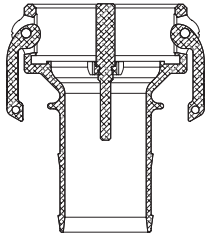
Dixon™ Vapor Recovery Couplers



• not intended for liquid service, for vapor recovery *only*

Features:

- cast aluminum body
- bronze arms with stainless steel pins
- plated carbon steel finger rings
- Buna-N gasket

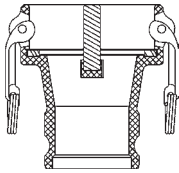


coupler with probe x hose shank

356T6 Aluminum			
Coupler Size	Hose Shank Size	Part #	Price/E
4"	3"	4030-CVR-AL	\$129.10
4"	4"	400-CVR-AL	137.00

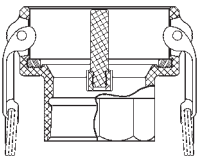


C



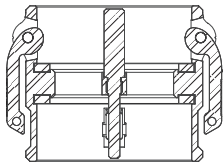
coupler with probe x adapter

356T6 Aluminum			
Coupler Size	Adapter Size	Part #	Price/E
4"	3"	4030-DAVR-AL	\$139.50



coupler with probe x female NPT

356T6 Aluminum			
Coupler Size	Female NPT Size	Part #	Price/E
4"	3"	4030-DVR-AL	\$155.00
4"	4"	400-DVR-AL	157.30



coupler with probe x coupler with probe

356T6 Aluminum			
Coupler Size	Coupler Size	Part #	Price/E
4"	4"	400-DDVR-AL	\$160.00



Dixon Bayco Vapor Recovery Couplers

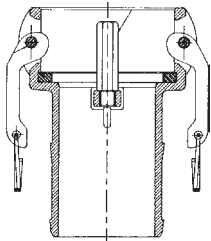


Applications:

- for use with 3" vapor hose
- not intended for liquid service, for vapor recovery *only*

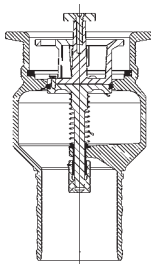
Features:

- cast aluminum body, bronze arms with stainless steel pins and finger rings
- Buna-N gasket
- *Dixon™ replacement handle assemblies will not work on these fittings, contact Dixon™ for replacements.*



coupler with probe x hose shank

Aluminum			
Coupler Size	Hose Shank Size	Part #	Price/E
3"	3"	VRC3000AL	\$144.05



Feature:

- VR4030CS-AL has an FKM O-ring poppet seal

coupler with poppet and probe x hose shank

Aluminum			
Coupler Size	Hose Shank Size	Part #	Price/E
4"	3"	VR4030CS-AL¹	\$213.25
4"	4"	VR4040CS-AL	412.00



¹ interchanges with all competitor vapor valves *except* Civacon #633LVH (special bulb design).

Dixon Bayco Coupler and Adapter with Grounding Tab

NEW

		356T6 Aluminum	
Size	Description	Part #	Price/E
4"	female coupler with grounding tab	400-C-ALGT	\$111.15
4"	male adapter with grounding tab	400-E-ALGT	75.80



400-C-ALGT



400-E-ALGT

Dixon™ Butt Weld to Tube Cam and Groove

C

Application:

- designed to be butt welded to standard sanitary tubing

Feature:

- 316 stainless steel investment casting

**adapter x butt weld to tube end**

Size	316 Stainless Steel	
	Part #	Price/E
1"	RE100BT	\$130.00
1½"	RE150BT	147.30
2"	RE200BT	169.15
3"	RE300BT	357.00

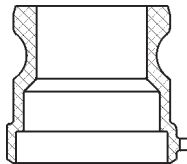
Boss-Lock™ coupler x butt weld to tube end

Size	316 Stainless Steel	
	Part #	Price/E
1"	RC100BT	\$195.00
1½"	RC150BT	240.00
2"	RC200BT	260.00
3"	RC300BT	425.00

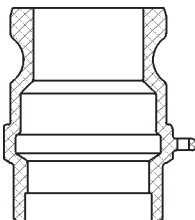
Dixon™ Adapters for Welding

Feature:

- not all configurations are stocked
- line drawings are for reference only, consult Dixon™ for specific dimensions
- final weld preparation, as with all weld fittings, is the responsibility of the welder

socket weld to schedule 40 pipe

Size	Bore	356T6 Aluminum		316 Stainless Steel	
		Part #	Price/E	Part #	Price/E
¾"	1.065	---	---	75AWSPSS	\$104.20
1"	1.330	---	---	100AWSPSS	97.95
1½"	1.915	150AWSPAL	\$63.00	150AWSPSS	117.00
2"	2.390	200AWSPAL	46.35	200AWSPSS	110.00
3"	3.530	300AWSPAL	58.60	300AWSPSS	196.35
4"	4.530	400AWSPAL	80.00	400AWSPSS	298.00
5"	5.593	500AWSPAL	123.75	500AWSPSS	450.00
6"	6.655	600AWSPAL	135.00	600AWSPSS	474.00
8" DIX	8.711	800AWSPAL ¹	474.00	---	---
8" BL	8.711	801AWSPAL ¹	453.00	---	---

butt weld to schedule 40 pipe / socket weld to nominal OD tubing

Size	Bore	356T6 Aluminum		316 Stainless Steel	
		Part #	Price/E	Part #	Price/E
¾"	.765	---	---	75AWBPSTSS	\$104.20
1"	1.015	---	---	100AWBPSTSS	97.95
1½"	1.515	150AWBPSTAL	\$60.00	150AWBPSTSS	117.00
2"	2.015	200AWBPSTAL	39.15	200AWBPSTSS	110.00
3"	3.015	300AWBPSTAL	58.60	300AWBPSTSS	196.35
4"	4.015	400AWBPSTAL	80.00	400AWBPSTSS	298.00
5"	5.015	500AWBPSTAL	123.75	500AWBPSTSS	450.00
6"	6.020	600AWBPSTAL	142.00	600AWBPSTSS	474.00
8" BL	8.035	801AWBPSTAL ¹	440.00	---	---



¹ Dixon™ and Boss-Lock™ cam and groove couplings do not interchange in the 8" size.

Dixon™ Couplers for Welding

Feature:

- not all configurations are stocked
- Boss-Lock™ versions are also available, consult Dixon™ for pricing and availability
- line drawings are for reference only, consult Dixon™ for specific dimensions
- final weld preparation, as with all weld fittings, is the responsibility of the welder

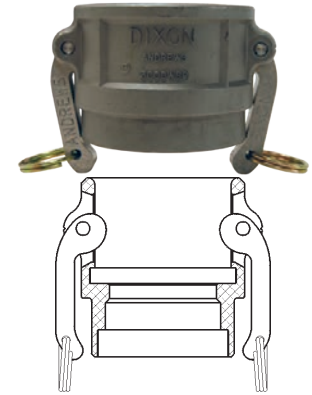


socket weld to schedule 40 pipe

Size	Bore	356T6 Aluminum		316 Stainless Steel	
		Part #	Price/E	Part #	Price/E
¾"	1.065	---	---	75DWSPSS	\$152.00
1"	1.330	100DWSPAL	\$57.75	100DWSPSS	126.20
1½"	1.915	150DWSPAL	65.00	150DWSPSS	153.00
2"	2.390	200DWSPAL	74.25	200DWSPSS	168.75
3"	3.530	300DWSPAL	71.80	300DWSPSS	268.80
4"	4.530	400DWSPAL	98.00	400DWSPSS	351.00
5"	5.562	500DWSPAL	227.00	500DWSPSS	691.00
6"	6.655	600DWSPAL	236.90	600DWSPSS	772.50
8"	8.711	800DWSPAL ¹	990.90	---	---

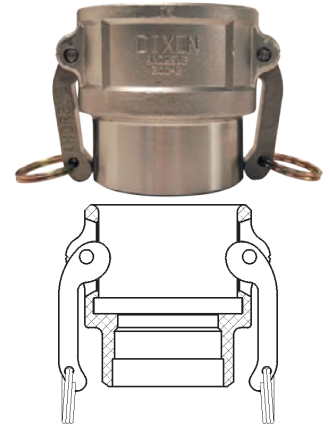


¹ Dixon™ and Boss-Lock™ cam and groove couplings *do not interchange in the 8" size*. The 8" Dixon™ design has 4 cam arms.



butt weld to schedule 40 pipe / socket weld to nominal OD tubing

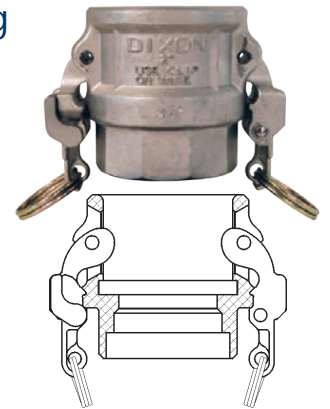
Size	Bore	356T6 Aluminum		316 Stainless Steel	
		Part #	Price/E	Part #	Price/E
¾"	.765	---	---	75DWBPSTSS	\$125.90
1"	1.015	---	---	100DWBPSTSS	126.20
1½"	1.515	150DWBPSTAL	\$65.00	150DWBPSTSS	153.00
2"	2.015	200DWBPSTAL	57.70	200DWBPSTSS	173.00
3"	3.015	300DWBPSTAL	71.80	300DWBPSTSS	268.80
4"	4.015	400DWBPSTAL	93.90	400DWBPSTSS	378.00
5"	5.015	500DWBPSTAL	172.00	---	---
6"	6.020	600DWBPSTAL	236.90	---	---



EZ Boss-Lock™ Couplers for Welding

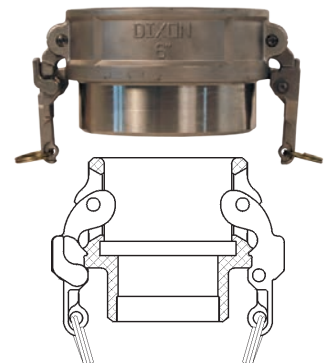
socket weld to schedule 40 pipe

Size	Bore	316 Stainless Steel	
		Part #	Price/E
¾"	1.065	RDWSP075EZ	\$214.25
1"	1.330	RDWSP100EZ	199.80
1½"	1.915	RDWSP150EZ	208.00
2"	2.390	RDWSP200EZ	215.30
3"	3.530	RDWSP300EZ	299.00
4"	4.530	RDWSP400EZ	356.00
6"	6.655	RDWSP600EZ	695.75



butt weld to schedule 40 pipe / socket weld to nominal OD tubing

Size	Bore	316 Stainless Steel	
		Part #	Price/E
¾"	.765	RDWBPST075EZ	\$153.40
1"	1.015	RDWBPST100EZ	159.65
1½"	1.515	RDWBPST150EZ	221.45
2"	2.015	RDWBPST200EZ	227.00
3"	3.015	RDWBPST300EZ	307.00
4"	4.015	RDWBPST400EZ	380.00
6"	6.020	RDWBPST600EZ	554.00



Railroad Tank Car Connections

Features:

- all swivel nuts have standard 5" Railroad Tank Car thread
- supplied with a Buna-N gasket in the threaded end, other gaskets available on page 69
- also available in other materials and in 2" and 2½" sizes, consult Dixon™ for pricing and availability

Style A



Stainless steel railroad tank car connections are not compatible with aluminum and brass.

Male Adapter	Swivel Nut	Elbow	316 Stainless Steel		NEW Aluminum	
			Part #	Price/E	Part #	Price/E
3"	5"	120°	RTCA30	\$815.00	---	---
4"	5"	110°	RTCA40¹	1027.95	ATCA40	\$712.15

¹ parts are produced as a welded fabrication

Style F



ATCF40

Features:

- 4" TTMA flange can be bolted to sight glass; API adapter or other dry disconnect
- supplied with PTFE Buna-N envelope gasket

TTMA Flange	Swivel Nut	Part #	Elbow	Aluminum	
				Description	Price/E
4"	5"	ATCF40¹	110°	railroad tank car connections	\$708.00
4"	5"	ATCF40-90	90°	railroad tank car connections	975.00

¹ part is produced as a welded fabrication

Style GF



ATCGF40

Feature:

- 4" TTMA flange can be bolted to sight glass; API adapter or other dry disconnect

TTMA Flange	Boss-lock Coupler	Part #	Elbow	Aluminum	
				Description	Price/E
4"	4"	ATCGF40	110°	railroad tank car connections	\$530.25
4"	4"	ATCGF40-90	90°	railroad tank car connections	590.85

Cam and Groove Screen



Feature:

- stainless steel screen encapsulated in a buna gasket

Size	Hole Size	316L Stainless Steel	
		Part #	Price/E
4"	1"	400-G-BUSS	\$150.00

Style S



Feature:

- 110° elbow

Shank Size	Swivel Nut	Aluminum	
		Part #	Price/E
4"	5"	ATCS40	\$334.50

Railroad Tank Car Connections Style T

Features:

- 3" threaded end has a 120° elbow
- 4" threaded end has a 110° elbow

Male NPT	Swivel Nut	Iron		Aluminum	
		Part #	Price/E	Part #	Price/E
3"	5"	TCT30	\$265.00	ATCT30	\$292.00
4"	5"	TCT40	320.00	ATCT40	360.00



C

Style T



Stainless steel railroad tank car connections are not compatible with aluminum and brass.

Features:

- 3" threaded end has a 120° elbow
- 4" threaded end has a 110° elbow

Male NPT	Swivel Nut	316 Stainless Steel	
		Part #	Price/E
3"	5"	RTCT30	\$665.00
4"	5"	RTCT40	780.00



Dixon™ Coupler x Tank Car Thread

Features:

- part is produced as a welded fabrication
- pressure rating is based on the seal of the mating part, see ratings on page 32

Coupler	Male Tank Car Thread	Aluminum	
		Part #	Price/E
4"	5"	400DWX5TC	\$500.00



EZ Boss-Lock™ x Coupler Tank Car Thread

Features:

- part is produced as a welded fabrication
- pressure rating is based on the seal of the mating part, see ratings on page 32

Coupler	Male Tank Car Thread	Aluminum	
		Part #	Price/E
4"	5"	AD400ALEZMTC	\$575.80



Railcar Unloading Assemblies

C

Features:

- robust aluminum body construction
- removable, easy carry handle
- safe and reliable - valves will not open unless fittings are properly connected
- API configuration uses stainless steel springs on the adapter and coupler for corrosion resistance



Assembly with Dry Disconnect Adapter

Adapter Size	Swivel Nut Size	Part #	Aluminum Price/E
4"	5"	ATC40ASSDDA	\$2629.40

Dry Disconnect Couplers



Female NPT	Body Size	Part #	Aluminum Price/E
4"	164 mm	DDC400AL	\$3958.40



TTMA Flange	Body Size	Part #	Aluminum Price/E
4"	164 mm	DDC400AL164TTMA	\$5141.00



Assembly with API Adapter

Adapter Size	Swivel Nut Size	Part #	Aluminum Price/E
4"	5"	ATC40ASSAPI	\$1860.90

API Coupler

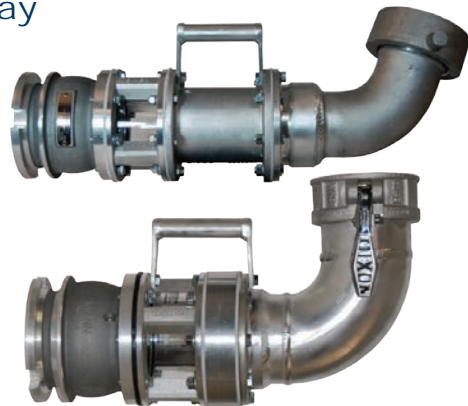


TTMA Flange	Body Size	Part #	Aluminum Price/E
4"	4"	5300BC	\$2580.00
4"	4"	5300BCL ¹	2660.00

¹ with a lock



Build It Your Way



- multiple configurations available, consult Dixon™ for pricing and availability

TTMA Sight Flow Indicators

- Due to the proprietary blending of petroleum products, Dixon™ recommends that the thermoplastic tubing and the gaskets be immersion tested in the product to be handled to ensure compatibility (not compatible with crude oil).
- for tank truck flange gaskets, see page 58
- tank truck flange dimensional information on page 839
- maximum flange bolt torque is 200 in-lb (inch pounds)



C

TTMA pattern flanged acrylic sight flow indicators

NEW

Size	Nominal Width	Acrylic	
		Part #	Price/E
3"	1¾"	TT3ASG	\$116.00
4"	1¾"	TT4ASG	116.00
3"	1¾"	TT3ASG-ETH¹	330.75
4"	1¾"	TT4ASG-ETH¹	370.00



¹ for use with ethanol

TTMA pattern flanged short sight flow indicators

Features:

- durable cast aluminum housing replaces competitions all acrylic sight glass
- allows for visual identification of the fuel grade prior to opening the valve
- works with tank truck flanged butterfly valves found on gasoline trucks
- low cost sight glass tube can be easily replaced

Size	Width	Aluminum	
		Part #	Price/E
4"	1¾"	5200-SFI	\$180.95



sight flow indicator with 4³/₈" flow

Features:

- allows for visual identification of the fuel grade prior to opening the valve
- works with tank truck flanged butterfly valves found on gasoline trucks
- larger ID 4³/₈" flow indicator allows tank truck flanged butterfly valves to connect to either end of the indicator
- rated to **150 PSI**

Size	Width	Aluminum		Opt Qty
		Part #	Price/E	
4"	3¼"	5201-SFI	\$256.25	5

replacement parts

Description	Used on	Part #	Price/E
replacement Baylast™ O-rings, sight glass & retaining ring	5201-SFI	5201-SFI-RK1	\$84.45
Buna-N O-ring		O249BU	4.75



sight flow indicator with 4" flow

Features:

- allows for visual identification of the fuel grade prior to opening the valve
- 4" flow diameter

Size	Aluminum		Opt Qty
	Part #	Price/E	
4"	4-1460-AL	\$190.10	10

replacement parts

Description	Part #	Price/E	Opt Qty
plexiglass insert	4PSG	\$84.00	10
Buna-N O-ring	O246BU	4.25	10

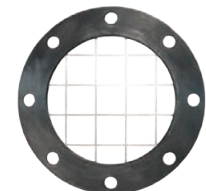


TTMA Flange Screen

Feature:

- stainless steel screen is encapsulated in an FKM gasket

Size	Description	Stainless Steel	
		Part #	Price/E
4"	screen with 1" square holes	TTFS4SS	\$150.00



TTMA Flange Spacer with ½" Port



Size	Description	Aluminum	
		Part #	Price/E
4"	flange spacer with ½" female NPT port	TTFS4AL-FP50	\$185.60

TTMA Series Flange Adapters

Application:

- provides an easy way to quickly convert threaded components to a standard TTMA flange configuration

Features:

- more durable than welded fabrications due to the solid cast lightweight aluminum design
- design improves flow through adapter even on the 3" reducer
- compact size reduces the overall space needed to install
- for flange drilling standards, see page 839

Male Threaded

TTMA flange x standard male NPT



TTMA Flange	Male NPT	Length	Aluminum	
			Part #	Price/E
3"	3"	2½"	TTF3AL-3MT	\$87.50
4"	3"	2½"	TTF4AL-3MT	65.90
4"	4"	2½"	TTF4AL-4MT	61.10

Extended Length - Male Threaded

TTMA flange x extended length male NPT



TTMA Flange	Male NPT	Length	Aluminum	
			Part #	Price/E
4"	3"	5½"	TTF4AL-3EMT	\$87.50
4"	4"	5½"	TTF4AL-4EMT	102.15

Female Threaded

TTMA flange x female NPT



TTMA Flange	Female NPT	Length	Aluminum	
			Part #	Price/E
4"	3"	2½"	TTF4AL-3FT	\$78.35
4"	4"	2½"	TTF4AL-4FT	78.05

Slip-on

TTMA flange x slip-on



TTMA Flange	Pipe Size	Thickness	Aluminum	
			Part #	Price/E
4"	4"	⅜"	TTF400SP	\$67.00

NEW

TTMA plate flange x slip-on



TTMA Flange	Pipe Size	Thickness	Aluminum	
			Part #	Price/E
4"	4"	⅜"	TTMA-64	\$10.50

NEW

TTMA Butt Weld Flange



TTMA Flange	Pipe Size	Thickness	Aluminum	
			Part #	Price/E
3"	4"	⅜"	TTF3AL	\$10.20
4"	4"	⅜"	TTF4AL	13.20

API Couplers

Features:

- completely modular, coupler can be built with various face seal combinations to be compatible with different alternative fuel / performance levels and applications
- 4" TTMA inlet mounting flange
- 5 cam design for easy alignment and tight connection
- ball-end handle for easy, comfortable operation
- no special tools needed for maintenance
- shaft seals can be changed without removing coupler from loading arm
- link, shaft, pin and crank: hardened 17-4PH stainless steel
- cam: stainless steel
- weight: 20 lbs.
- maximum working pressure: **150 PSI**
- peak surge pressure: 350 PSI
- maximum flow rate: 600 GPM
- pressure drop: 3 to 4 PSI
- replacement parts are available, contact Dixon™

C

API coupler with bonded nose seal

Seal Material	Operating Temperature	Part #	Price/E
Buna	-20°F to 250°F	5300	\$2343.25
FKM-B	-10°F to 400°F	5300B	2577.60
FKM-GFLT	-20°F to 400°F	5300G	2694.50
FKM-B with stainless wave spring	-10°F to 400°F	5300BC ¹	2580.00
FKM-B with stainless wave spring	-10°F to 400°F	5300BCL ²	2660.00

¹ has stainless steel internal springs and is recommended for crude oil service

² with a lock



NEW

API coupler with replaceable nose seal

Seal Material	Operating Temperature	Part #	Price/E
Buna	-20°F to 250°F	5400	\$2434.95
FKM-B	-10°F to 400°F	5400B	2678.45
FKM-GFLT	-20°F to 400°F	5400G	2799.55

Locking Handle Repair Kit for API Couplers

Description	Part #	Price/E
locking handle kit for 5300BC rack couplers	5354K21	\$245.35



NEW

Load API Valves

Application:

- Used for bottom loading of petroleum tankers, typically mounted to the piping below each tank compartment using the built-in 4" TTMA flange connection.

Description	Part #	Price/E
load only API valve without sight glass, ALH nose ring	5204LNG	\$547.50
load only API valve without sight glass, Baylast™ seal, stainless steel springs	5204LSNG ¹	643.75
load only API valve without sight glass, Baylast™ seal, stainless steel springs with ½" FNPT drain port	5204LSNGP ¹	721.00



¹ has stainless steel internal springs and is recommended for crude oil service

4" Hose Fittings for Tank Car Unloading

C



TTFST40CS



ATTFST40CS

Size	Description	Carbon Steel		Aluminum	
		Part #	Price/E	Part #	Price/E
4"	TTMA flange x crimp hose shank	TTFST40CS	\$222.50	ATTFST40CS	\$207.55
4"	150# flange x crimp hose shank	FST40CS	182.20	---	---
4"	male NPT x crimp hose shank	STC40CS	63.65	---	---

NEW

- accepts King Crimp™ sleeves or ferrules found on pages 14-17

Dixon™ Tank Car Adapters



rocker lug



pin lug



Stainless steel adapters are not compatible with the aluminum and brass adapters.

Features:

- standard 5" Railroad Tank Car thread
- supplied with a Buna-N gasket in the threaded end, see next page for other gaskets

Size	356T6 Aluminum		Brass		Iron		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
2"	200-TCA-AL	\$121.60	---	---	---	---	200-TCA-SS	\$693.00
3"	300-TCA-AL	105.00	300-TCA-BR	\$350.00	300-TCA-MI	\$257.00	300-TCA-SS	737.40
4"	400-TCA-AL	119.10	400-TCA-BR	420.00	---	---	400-TCA-SS	815.00

Features:

- standard 5" Railroad Tank Car thread
- 45° tank car swivel adapter
- unit has a long handle brass swivel nut and a swivel retaining ring
- supplied with a Buna-N gasket in the threaded end, see next page for other gaskets



Size	356T6 Aluminum	
	Part #	Price/E
4"	40A-45TCAL	\$485.85

Dixon™ Railroad Tank Car Gaskets

Old Style

Feature:

- for use with Dixon™ fittings

Size	OD	ID	Thick	Material	Part #	Price/E
5"	5-1/4"	3-1/2"	3/16"	leather	G9	\$15.00



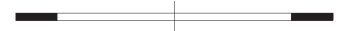
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Standard

Feature:

- for use with Dixon™ fittings

Size	OD	ID	Thick.	Material	Part #	Price/E
5"	5-1/4"	3-7/8"	1/8"	Buna-N	500GTCABU	\$6.55
5"	5-1/4"	3-7/8"	1/8"	FKM	500GTCAVI	53.50
5"	5-1/4"	3-7/8"	1/8"	fuel grade Buna	500GTCABF	6.25
5"	5-5/16"	3-7/8"	3/16"	FKM	500GTCAVITHK	32.00

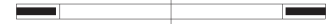


PTFE Envelope

Features:

- for use with Dixon™ fittings
- may be too thick for insertion in some older Dixon™ fittings

Size	OD	ID	Thick	Material	Part #	Price/E
5"	5-1/4"	3-13/16"	3/16"	PTFE with Buna-N filler	500GTCATF	\$65.00
5"	5-1/4"	3-13/16"	3/16"	PTFE with FKM filler	500GTCATV	112.00



Wrenches

Pin Lug

Feature:

- used on aluminum and iron tank car nuts

Part #	Iron	Price/E
G10		\$115.00



Long Handle

Feature:

- used on stainless steel tank car nuts

Part #	Iron	Price/E
LHW		\$439.95



Boss-Lock™ PF Cam and Groove

Applications:

- The shank design on these fittings was developed specifically for chemical transport hoses having Crosslinked Polyethylene (XLPE) or Ultra High Molecular Weight Polyethylene (UHMW) tubes, where shank retention can be a problem when using conventional band clamps.

Features:

- in testing tank transport hoses from a wide variety of manufacturers, the Boss-Lock™ PF fitting showed significant improvement in hose coupling retention over the conventional cam and groove shank design
- for best results we recommend the use of 3/4" wide band clamps found on pages 386 and 387
- other sizes available, consult Dixon™ for pricing and availability



female coupler x PF hose shank

EZ Boss-Lock™ type C coupler x phono finish hose shank

Size	316 Stainless Steel		Opt Qty
	Part #	Price/E	
2"	RC200EZPF	\$180.00	10
3"	RC300EZPF	275.00	5



male adapter x PF hose shank

type E adapter x special phono finish shank

Size	316 Stainless Steel		Opt Qty
	Part #	Price/E	
2"	RE200PF	\$117.75	10

Cam and Groove Hydrant Adapters



female NST x male adapter

Features:

- pin lugs allow for easy connection using standard spanner and hydrant wrenches (pages 631 - 634)
- supplied with a Buna-N washer in the threaded end

Female NST Thread	Male Adapter	Brass		Aluminum	
		Part #	Price/E	Part #	Price/E
1½"	1½"	HA1515ADP	\$75.50	AHA1515ADP	\$56.05
2½"	2½"	HA2525ADP	83.30	AHA2525ADP	52.50

Replacement Washers



ID	OD	Thickness	Buna-N	
			Part #	Price/E
1-9/16"	2-1/16"	1/8"	SW150	\$2.00
2-9/16"	3-3/16"	3/16"	SW250	3.25

Swaged Cam and Groove

Applications:

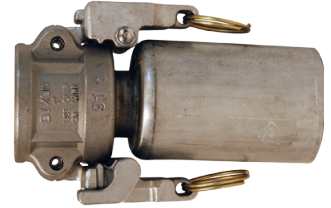
- Developed specifically for chemical transport hoses having Crosslinked Polyethylene (XLPE) or Ultra High Molecular Weight Polyethylene (UHMW) tubes. Swaged Boss-Lock™ provides you with a permanently attached cam and groove fitting when superior coupling retention is required.

Features:

- in testing tank transport hoses from a wide variety of manufacturers, the swaged Boss-Lock™ fitting proved itself to be the clear winner in overall performance
- also available on special order for other sizes or hose OD's, consult the factory for pricing and availability
- special equipment required for installation*, consult Dixon™ for pricing and availability or refer to page 434 for more information

EZ Boss-Lock™ type C coupler with ferrule

Size	Hose OD		316 Stainless Steel	
	from	to	Part #	Price/E
¾"	1-6/64"	1-22/64"	RC075EZ-70	\$130.70
1"	1-29/64"	1-35/64"	RC100EZ-20	137.10
1"	1-36/64"	1-44/64"	RC100EZ-70	141.40



coupler x hose shank with ferrule

Boss-Lock™ type E adapter with ferrule

Size	Hose OD		316 Stainless Steel	
	from	to	Part #	Price/E
¾"	1-6/64"	1-22/64"	RE075-1370	\$91.50
1"	1-29/64"	1-35/64"	RE100-1620	69.00
1"	1-36/64"	1-44/64"	RE100-1770	76.30



adapter x hose shank with ferrule

Notched Ferrules

Size	Hose OD		304 Stainless Steel	
	from	to	Part #	Price/E
1½"	1-60/64"	2-12/64"	GAS2334NO	\$34.80
1½"	2-4/64"	2-22/64"	GAS2370NO	38.35
2"	2-30/64"	2-44/64"	GAS2709NO	31.80
2"	2-42/64"	2-54/64"	GAS2885NO	69.55
3"	3-30/64"	3-46/64"	GAS3760NO	45.40
3"	3-47/64"	3-54/64"	GAS3885NO	62.10
4"	4-40/64"	4-47/64"	GAS5010NO	258.75



Dixon™ stems and ferrules are specifically designed to be used together as a coupling system.

Due to differences in dimensions and tolerances for safety reasons, do not use other manufacturer's stems or ferrules with Dixon™ Holedall™ products.

Notched Cam and Groove

Features:

- coupling can be removed from a damaged hose by cutting away the ferrule, without necessarily damaging the fitting, *after inspection of the fitting to determine its suitability for reuse*, it can be reinstalled into another hose by using a *new ferrule*
- system allows you to better manage your inventories, you can stock one coupling and two ferrules, and cover the same hose range with less inventory, *you must purchase a fitting and the matching ferrule to create an assembly*
- for use with notched ferrules on previous page



Dixon™ stems and ferrules are specifically designed to be used together as a coupling system. Due to differences in dimensions and tolerances for safety reasons, do not use other manufacturer's stems or ferrules with Dixon™ products.

Couplers

EZ Boss-Lock™ type C with notched shank



female coupler x notched hose shank

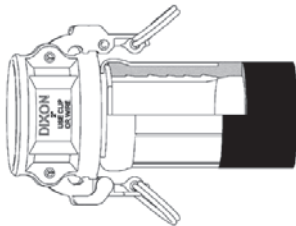
Size	316 Stainless Steel	
	Part #	Price/E
1½"	RC150EZNO	\$113.75
2"	RC200EZNO	121.30
3"	RC300EZNO	208.20
4"	RC400EZNO	310.85

Boss-Lock™ type C with notched shank



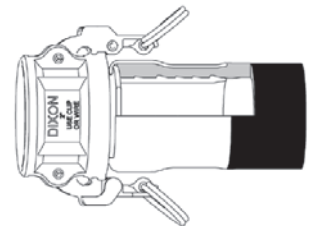
female coupler x notched hose shank

Size	316 Stainless Steel	
	Part #	Price/E
1½"	RC150BLNO	\$122.75
2"	RC200BLNO	116.80
3"	RC300BLNO	199.40
4"	RC400BLNO	297.00



crimped assembly

Contact Dixon™ for swage and crimp recommendations.



swaged assembly

Adapters

Boss-Lock™ type E with notched shank



male adapter x notched hose shank

Size	316 Stainless Steel	
	Part #	Price/E
1½"	RE150NO	\$61.00
2"	RE200NO	65.30
3"	RE300NO	126.00
4"	RE400NO	246.90



swaged assembly

Contact Dixon™ for swage and crimp recommendations.



crimped assembly

Dixon™ Cam and Groove with Notched NOS Shank

Features:

- system allows you to better manage your inventories, you can stock one stem and two ferrules, and cover the same hose range with less inventory, *you must purchase a fitting and the matching ferrule to create an assembly*
- for hose outside diameters of 2-4/64" and below, *the couplings are crimp only*
- for hose outside diameters of 2-5/64" and above, the couplings can be crimped or swaged
- for use with notched ferrules at bottom of the page
- see pages 289 and 439 for male NPT notched NOS fittings



Only use the NOS shank with the NOS ferrules. Due to differences in dimensions and tolerances for safety reasons, do not use other manufacturer's stems or ferrules with Dixon™ products.

Couplers

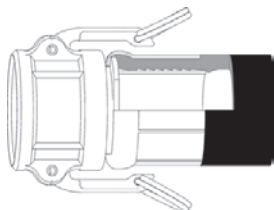
Dixon™ type C with NOS shank

316 Stainless Steel		
Size	Part #	Price/E
1½"	150CNOSSS ¹	\$82.40
2"	200CNOSSS	85.10
3"	300CNOSSS	168.90

¹ part will be discontinued as stock is depleted

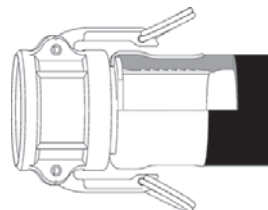


female coupler x notched NOS hose shank



crimped assembly

Contact Dixon™ for swage and crimp recommendations.



swaged assembly

Adapters

type E with NOS shank

316 Stainless Steel		
Size	Part #	Price/E
1½"	150ENOSSS ¹	\$38.00
2"	200ENOSSS	50.60
3"	300ENOSSS	103.55

¹ part will be discontinued as stock is depleted

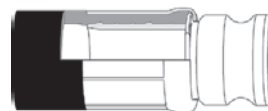


male adapter x notched NOS hose shank



swaged assembly

Contact Dixon™ for swage and crimp recommendations.



crimped assembly

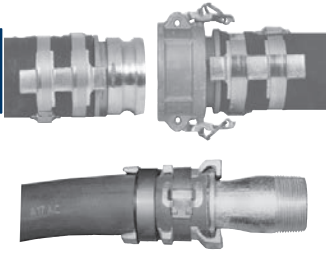
Notched NOS Ferrules

Size	Hose OD		304 Stainless Steel	
	from	to	Part #	Price/E
1½"	1-60/64"	2-12/64"	GAS2334NOS	\$32.30
1½"	2-4/64"	2-22/64"	GAS2370NOS	34.50
2"	2-30/64"	2-44/64"	GAS2709NOS	31.50
2"	2-42/64"	2-54/64"	GAS2885NOS	64.40
3"	3-30/64"	3-46/64"	GAS3760NOS	46.35
3"	3-47/64"	3-54/64"	GAS3885NOS	63.00



Strap-Grip Saddles and Fittings

C



Features:

- design provides greater resistance to end pull than conventional band clamps
- only the fittings shown below are designed for use with Strap-Grip Saddles
- saddles are sold in pairs and designed for use with 3/4" or 5/8" wide band clamps
- bands must be purchased separately
- band clamps should first be applied to the OD to seal the hose, then Strap-Grip saddles should be banded over the initial clamp to anchor the fitting in the hose

saddles only



saddles

Size	Hose OD		Plated Iron	
	from	to	Part #	Price/E ¹
1½"	1-13/16"	2-1/8"	SGS150	\$14.40
2"	2-5/8"	3"	SGS200	17.35
3"	3-1/2"	3-7/8"	SGS300	21.40
4"	4-9/16"	5-1/8"	SGS400	24.40
6"	6-1/2"	7-1/16"	SGS600	45.00

¹ prices are for a two saddle set

male NPT x hose shank



male NPT x hose shank

Size	Schedule 40 Plated Carbon Steel		Schedule 40 Stainless Steel		Schedule 80 ¹ Plated Carbon Steel	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
1½"	LP21	\$60.00	---	---	LP21-80	\$69.00
2"	LP26	53.20	---	---	LP26-80	71.85
3"	LP36	125.00	RLP36 ²	\$221.40	---	---
4"	LP46	164.00	RLP46 ²	375.00	---	---
6"	LP66	340.00	---	---	---	---

¹ Schedule 80 stems meet NFPA 58 standard

² tubular steel construction

Boss-Lock™ type C coupler x hose shank



female coupler x hose shank

Size	316 Stainless	
	Part #	Price/E
1"	RC100CEZ	\$120.20
1½"	RC150CEZ	170.00
2"	RC200CEZ	152.25

Dixon™ Standard Handle Assemblies

Features:

- stainless steel pins standard with all assemblies
- roll pins are 302 stainless and solid pins are 303 stainless
- pull rings are standard on sizes 1¼" thru 6", pull rings are optional on other sizes



Coupler Size	Description	Brass		316 Sintered Stainless Steel		316 Investment Stainless Steel	
		Part #	Price/E	Part #	Price/E	Part #	Price/E
½"	cam arm and pin	---	---	50-HP-SP	\$4.50	---	---
¾"	cam arm and pin	---	---	75-HP-SP	4.15	---	---
1"	cam arm and pin	---	---	100-HP-SP	5.10	---	---
1¼" - 2½"	cam arm, ring and pin	200-HRP-BR	\$8.90	200-HRP-SP	6.85	---	---
2"	cam arm, ring and pin	---	---	---	---	200-HSCRPI-SI	\$12.00
3"	cam arm, ring and pin	---	---	---	---	300-HSCRPI-SI	15.50
3" - 5"	cam arm, ring and pin	300-HRP-BR	9.65	300-HRP-SP	8.20	---	---
6"	cam arm, ring and pin	600-HRP-BR	38.65	---	---	600-HRP-SI	57.70
8"	cam arm and pin for new coupler design	800-HNP-BR	69.50	---	---	---	---

Locking Handle for Dixon™ Dust Caps

Feature:

- not supplied with pins

Coupler Size	Hole Diameter	Brass		316 Investment Stainless Steel	
		Part #	Price/E	Part #	Price/E
2"	9/32"	200-LH-BR	\$19.50	200-LH-SI	\$18.00
3"	5/16"	300-LH-BR	21.00	300-LH-SI	19.00
4"	3/8"	400-LH-BR	25.75	400-LH-SI	22.00



stainless steel



brass

Paddle Handle for Dixon™ Couplings

Feature:

- not supplied with pins

Coupler Size	Brass		316 Investment Cast Stainless Steel	
	Part #	Price/E	Part #	Price/E
3" and 4"	300H-PADBR	\$34.50	300H-PADSS	\$29.75



stainless steel



brass

Boss-Lock™ Standard Handle Assemblies

assembly includes cam arm, pin and pull ring safety clip

Coupler Size	Brass		316 Invest. Cast Stain. Steel		Plated Iron	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
¾" - 1"	BHSC175	\$12.85	RHSC175	\$15.95	---	---
1¼" - 2½"	BHSC152	12.75	RHSC152	19.40	IHSC152	\$11.00
3" and 4"	BHSC34	14.90	RHSC34	29.00	IHSC34	11.75



assembly includes cam arm, pin and pull ring

Coupler Size	Brass		Plated Iron	
	Part #	Price/E	Part #	Price/E
6" and 8"	BH6	\$42.60	IH6	\$34.00



EZ Boss-Lock™ Handles

Features:

- investment cast stainless steel cam arm and lever
- 316 stainless steel spring
- stainless steel pin, washer, plated carbon steel pull ring



Coupler Size	316 Stainless Steel	
	Part #	Price/E
¾" - 1"	RHEZ175	\$21.40
1¼" - 2½"	RHEZ152	24.70
3" - 5"	RHEZ34	38.50
6" and 8"	RHEZ6	62.40



Under no circumstances should the EZ Boss-Lock™ cam arms be used on any fitting not specifically produced for their use. The aluminum, brass and iron are made from sand castings. To ensure proper functioning of the EZ Boss-Lock™ cam arm assemblies, we sort the castings to ensure there is sufficient length and orientation on the lugs on the main casting to engage the lever. We also buff or grind the rougher sand cast surface to ensure that the lever will move freely. *The EZ Boss-Lock™ cam arms cannot be retrofitted onto existing aluminum, brass or plated iron Boss-Lock™ already in service.*

Witches Hat Strainers

Features:

- used with female cam and groove couplings
- pre-attached Buna-N gasket



Size	304 Stainless Steel		Buna-N Gasket	
	Part #	Price/E	Part #	Price/E
3"	WH300-A	\$36.25	WH300-G	\$9.50
4"	WH400-A	44.70	WH400-G	10.50

Disk Strainers

Features:

- threads into bottom of female NPT fitting to protect equipment from large contaminants
- 304 stainless steel parts are investment castings



Size	Hole Size	6061T6 Aluminum		304 Stainless Steel	
		Part #	Price/E	Part #	Price/E
2"	¼"	SDA200	\$21.00	SDS200	\$29.00
3"	¼"	SDA300	24.00	SDS300	40.00
4"	¼"	SDA400	37.80	SDS400	61.50

Pull Ring Safety Clips for Boss-Lock™ Couplings



Coupler Size	Carbon Steel		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
¾" - 1"	---	---	100PRSCSS	\$2.50
1¼" - 2½"	200PRSCCS	\$2.10	200PRSCSS	3.00
3" and 4"	300PRSCCS	2.10	300PRSCSS	3.00

Stainless Steel Pull Ring



304 Stainless Steel	
Part #	Price/E
R200SS	\$1.60

Clips and Lanyards for Boss-Lock™ Couplings

Features:

- carbon steel clip
- nylon lanyard



Coupler Size	Part #	Price/E
¾" - 1"	ACL4	\$3.30
1¼" - 4"	ACL2	3.15



Coupler Size	Part #	Price/E
6"	ACL3	\$6.50

Locking Cam Arm Velcro® Straps

Applications:

- used on the female end of the cam and groove coupler
- use with cam and groove couplers to prevent spills, secure from damage, and hold in place during transport

Feature:

- high visibility orange hook and loop with metal buckle provide strength, durability and long life
- temperature range: **-70°F to 200°F**

Length	Used On	Part #	Price/E
12"	fits up to 1½" coupler	CVS12	\$9.25
18"	fits up to 3" coupler	CVS18	10.00
24"	fits up to 5" coupler	CVS24	11.25
36"	fits up to 8" coupler	CVS36	12.00



coupler sold separately

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Carbon Steel Clip Assembly

Features:

- for use with Boss-Lock™ couplings
- includes a pull ring, chain and AC3 clip

Part #	Price/E
BLCA152CS	\$9.50



Clip for Boss-Lock™ Couplings

Feature:

- .072 stainless steel wire

Stainless Steel Part #	Price/E
AC7	\$2.25



Lanyard for Boss-Lock™ Couplings

Feature:

- breaking strength: 160 lbs.

304 Stainless Part #	Overall Length	Price/E
LR7	7"	\$8.00



Jack Chains with S-Hooks

Length	Material	Part #	Price/E	Opt Qty
6"	brass	CH-B-6	\$8.25	10
12"	brass	CH-B-12	9.25	10
24"	brass	CH-B-24	18.90	---
12"	carbon steel	CH-C-12	7.90	10
6"	stainless	CH-SS-6	9.00	10
12"	stainless	CH-SS-12	11.95	10
24"	stainless	CH-SS-24	18.60	10



Sash Chains with Pull Rings

Feature:

- brass chain, plated steel pull ring

Length	Part #	Price/E
4½"	J125	\$8.50
6½"	J150	8.95
8½"	J300	12.00
12¾"	J500	16.90



PVC Coated Lanyards

Features:

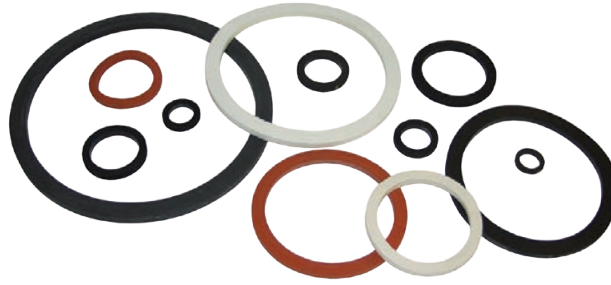
- PVC coated carbon steel with aluminum crimp sleeves
- one end factory crimped, one end uncrimped for field installation

Length	Part #	Price/E
15"	CAL15	\$7.00
25"	CAL25	8.45



Cam and Groove Gaskets

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Feature:

- white neoprene and white Buna-N gaskets all contain FDA approved materials

Size	Buna-N		FKM		extra thick Buna-N		Ethylene Propylene	
	Part #	Price	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/2"	50-G-BU	\$1.20	50-G-VI	\$4.90	---	---	---	---
3/4"	75-G-BU	1.20	75-G-VI	6.20	---	---	75-G-EPR	\$2.05
1"	100-G-BU	1.20	100-G-VI	8.75	100GTHK	\$1.75	100-G-EPR	2.05
1 1/4"	125-G-BU	1.20	125-G-VI	12.50	125GTHK	2.25	125-G-EPR	2.30
1 1/2"	150-G-BU	1.35	150-G-VI	12.30	150GTHK	2.25	150-G-EPR	2.25
2"	200-G-BU	1.20	200-G-VI	16.90	200GTHK	2.30	200-G-EPR	2.50
2 1/2"	250-G-BU	1.50	250-G-VI	20.90	250GTHK	3.00	250-G-EPR	2.70
3"	300-G-BU	1.55	300-G-VI	20.80	300GTHK	2.60	300-G-EPR	2.65
4"	400-G-BU	2.05	400-G-VI	34.80	400GTHK	3.40	400-G-EPR	3.60
5"	500-G-BU	3.75	500-G-VI	76.40	---	---	---	---
6"	600-G-BU	5.15	600-G-VI	71.50	---	---	---	---
8"	800-G-BU	22.50	800-G-VI	119.00	---	---	---	---

Size	Neoprene		white Neoprene		white Buna-N		Silicone	
	Part #	Price	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/2"	---	---	---	---	---	---	---	---
3/4"	75-G-NE	\$2.20	---	---	---	---	---	---
1"	100-G-NE	2.20	---	---	---	---	---	---
1 1/4"	125-G-NE	2.25	---	---	---	---	---	---
1 1/2"	150-G-NE	2.30	150-G-WNE	\$4.50	---	---	150-G-SIL	\$3.80
2"	200-G-NE	2.50	200-G-WNE	6.70	---	---	200-G-SIL	4.15
2 1/2"	250-G-NE	3.25	---	---	---	---	---	---
3"	300-G-NE	3.80	300-G-WNE	9.00	300-G-WB	\$8.95	300-G-SIL	9.00
4"	400-G-NE	4.65	400-G-WNE	9.35	400-G-WB	9.20	400-G-SIL	9.95
5"	---	---	500-G-WNE	18.80	---	---	---	---
6"	---	---	600-G-WNE	15.25	---	---	---	---
8"	---	---	---	---	---	---	---	---

Cam and Groove Fuel Gaskets



Size	Part #	Material	Price
1 1/2"	150-G-BF	Buna	\$2.00
2"	200-G-BF	Buna	2.40
3"	300-G-BF	Buna	2.70
4"	400-G-BF	Buna	3.90
3"	300GTHKBF	extra thick Buna-N	4.80
4"	400GTHKBF	extra thick Buna-N	6.35

PTFE Cam and Groove Gaskets

The torque (force) required to close the handles on a pair of cam and groove fittings will vary according to the gasket chosen. Due to the nature of the PTFE material, the various PTFE gasket designs will require the most torque, increasing as you go from envelope to encapsulated, and finally, accordion.

C

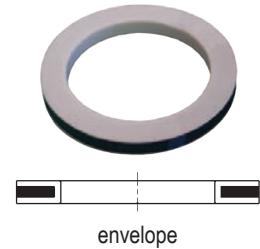
Features:



- PTFE white Buna filler (TFWB) and PTFE encapsulated silicone (TES) all contain FDA approved materials
- PTFE accordion gaskets (TFACC) are recommended for use with viscous (thick) fluids only
- encapsulated gasket pressure ratings are reduced to **125 PSI** for ¾" - 4" at ambient temperature (**70°F**)
- envelope and accordion gasket pressure ratings on page 30
- PTFE encapsulated FKM (TEV) gaskets - maximum operating temperature **200°F**
- PTFE encapsulated silicone gaskets (TES) gaskets - maximum operating temperature **225°F**
- *maximum operating temperatures for specific chemicals may be lower, contact Dixon for specific recommendations*

Envelope

Size	PTFE (TFE) with Buna-N filler		PTFE (TFE) with FKM filler		PTFE (TFE) with white Buna-N filler		PTFE (TFE) with Ethylene Propylene filler	
	Part #	Price	Part #	Price/E	Part #	Price/E	Part #	Price/E
½"	50-G-TF	\$7.70	50-G-TF-VI	\$10.75	---	---	---	---
¾"	75-G-TF	8.75	75-G-TF-VI	19.00	---	---	---	---
1"	100-G-TF	9.40	100GTFVI	20.00	---	---	---	---
1¼"	125-G-TF	11.00	125GTFVI	29.20	---	---	---	---
1½"	150-G-TF	13.00	150GTFVI	24.00	---	---	150GTFEP	\$15.50
2"	200-G-TF	14.80	200GTFVI	29.60	200GTFWB	\$15.90	200GTFEP	16.50
2½"	250-G-TF	26.00	250GTFVI	48.00	---	---	---	---
3"	300-G-TF	19.25	300GTFVI	41.50	300GTFWB	22.00	300GTFEP	20.40
4"	400-G-TF	31.00	400GTFVI	65.40	400GTFWB	40.75	---	---
5"	---	---	---	---	500GTFWB	73.00	---	---
6"	600-G-TF	75.40	600GTFVI	120.00	---	---	---	---



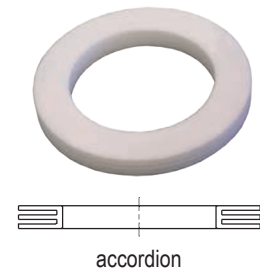
Encapsulated

Size	PTFE (FEP) encapsulated silicone		PTFE (FEP) encapsulated FKM	
	Part #	Price/E	Part #	Price/E
¾"	75-G-TES	\$33.00	75-G-TEV	\$50.00
1"	100-G-TES	33.00	100-G-TEV	49.60
1¼"	125-G-TES	37.75	125-G-TEV	55.00
1½"	150-G-TES	38.30	150-G-TEV	59.00
2"	200-G-TES	40.00	200-G-TEV	60.60
2½"	250-G-TES	48.20	250-G-TEV	79.60
3"	300-G-TES	55.00	300-G-TEV	83.50
4"	400-G-TES	74.00	400-G-TEV	121.00

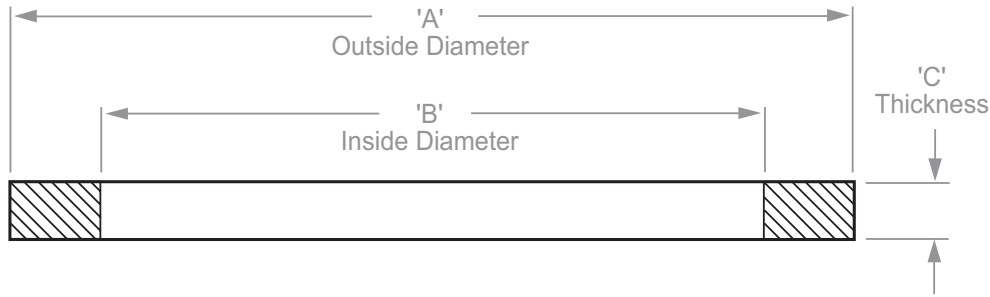


Accordion

Size	PTFE (TFE)	
	Part #	Price/E
¾"	75GTFACC	\$14.80
1"	100GTFACC	16.00
1¼"	125GTFACC	20.90
1½"	150GTFACC	19.00
2"	200GTFACC	22.00
3"	300GTFACC	48.00



Dixon™ Cam and Groove Gasket Dimensions



- nominal dimensions for Dixon™ elastomeric cam and groove gaskets are listed
- ID's of the PTFE envelope gaskets and the PTFE accordion gaskets are *1/16" smaller than* the ID's for the elastomeric gaskets shown below
- thickness of PTFE accordion gaskets may vary from chart below

Size	Part #	Dimensions		
		'A'	'B'	'C'
½"	50-G ¹	1-1/32"	11/16"	.156"
¾"	75-G	1-3/8"	7/8"	.218"
1"	100-G	1-9/16"	1-1/16"	.250"
1¼"	125-G	1-15/16"	1-23/64"	.250"
1½"	150-G	2-3/16"	1-5/8"	.250"
2"	200-G	2-5/8"	2"	.250"
2½"	250-G	3-1/8"	2-3/8"	.250"
3"	300-G	3-23/32"	3"	.250"
4"	400-G	4-7/8"	4"	.250"
5"	500-G	5-15/16"	4-7/8"	.250"
6"	600-G	7-1/16"	6"	.250"
8"	800-G ¹	9-5/16"	8-1/8"	.343"



¹ No interchange standard exists for the ½" and 8" fittings. Generally, these sizes do not interchange with other manufacturer's products. As such, the gaskets in these sizes are not suitable for use in other manufacturers' couplings.

Dixon™ Cam and Groove Gasket Color Codes

Gasket Code ¹	Gasket Material	Material Color	Color code stripes (appear on the OD of the gasket or filler)
-BU	Buna-N (<i>standard in all metal fittings</i>)	black	1 blue
-BF	Buna (<i>formulated for fuel service</i>)	black	2 green
-VI	FKM	black	1 yellow
-THK	Extra Thick Buna	black	2 blue
-EPR	Ethylene Propylene	black	1 white
-NE	Neoprene	black	1 red
-WNE	White Neoprene, <i>FDA approved material</i>	white	none
-WB	White Buna N, <i>FDA approved material</i>	white	blue
-SIL	Silicone	red	none
-TF	PTFE (TFE) Envelope with Buna-N filler	white / black	1 blue
TFVI	PTFE (TFE) Envelope with FKM filler	white / black	1 yellow
TFWB	PTFE (TFE) Envelope with White Buna-N filler, <i>FDA approved materials</i>	white / white	blue
TFEP	PTFE (TFE) Envelope with Ethylene Propylene filler	white / black	1 white stripe
-TES	PTFE (FEP) Encapsulated Silicone core, <i>FDA approved materials</i>	translucent / red	none
-TEV	PTFE (FEP) Encapsulated FKM core	translucent / black	none
TFACC	PTFE (TFE) Accordion, <i>FDA approved materials</i>	white	none

¹ part number suffix



Since other manufacturer's coding systems vary,
this chart should not be used as a reference in identifying gaskets of unknown origin.

Global Cam and Groove

Features:

- interchange with all products produced to A-A-59326D
- made to Dixon™ specifications and branded Dixon™
- Buna seals are standard
- pressure rating for adapters is based on the seal of the mating part



- Dust caps and dust plugs are not to be used in pressure applications for safety and environmental reasons

C

Global Type A Adapters

Size	A380 Permanent Mold AL		ASTMC38000 Forged Brass		316 Investment Cast SS	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
½"	G50-A-AL ¹	\$6.35	G50-A-BR ¹	\$11.80	G50-A-SS	\$18.00
¾"	G75-A-AL	5.00	G75-A-BR	10.70	G75-A-SS	19.00
1"	G100-A-AL	5.10	G100-A-BR	13.70	G100-A-SS	18.60
1¼"	G125-A-AL	7.75	G125-A-BR	17.70	G125-A-SS	29.10
1½"	G150-A-AL	5.70	G150-A-BR	20.45	G150-A-SS	31.05
2"	G200-A-AL	6.05	G200-A-BR	26.70	G200-A-SS	37.45
2½"	G250-A-AL	14.60	G250-A-BR	41.05	G250-A-SS	72.30
3"	G300-A-AL	12.40	G300-A-BR	47.05	G300-A-SS	78.35
4"	G400-A-AL	19.55	G400-A-BR	82.80	G400-A-SS	138.35
5"	G500-A-AL ¹	73.60	G500-A-BR ¹	197.30	---	---
6"	G600-A-AL	51.40	---	---	G600-A-SS	248.50
8"	G800-A-AL ¹	238.55	---	---	---	---



female NPT x male adapter

¹ Does not interchange in the ½", 5", and 8" sizes with Dixon™ or Boss-Lock™ style cam and groove.

Global Type B Couplers

Size	A380 Permanent Mold AL with Brass Handles		ASTMC38000 Forged Brass		316 Investment Cast Stainless Steel		A380 Permanent Mold AL with SS Handles	
	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
½"	G50-B-AL ^{1,2}	\$16.20	G50-B-BR ¹	\$27.10	G50-B-SS	\$29.50	---	---
¾"	G75-B-AL ²	10.75	G75-B-BR	24.45	G75-B-SS	31.45	---	---
1"	G100-B-AL ²	11.95	G100-B-BR ²	26.35	G100-B-SS	32.20	---	---
1¼"	G125-B-AL	16.30	G125-B-BR	36.70	G125-B-SS	52.45	---	---
1½"	G150-B-AL	13.65	G150-B-BR	35.70	G150-B-SS	52.10	G150-B-ALSI	\$13.65
2"	G200-B-AL	14.25	G200-B-BR	41.90	G200-B-SS	65.55	G200-B-ALSI	14.25
2½"	G250-B-AL	26.00	G250-B-BR	63.35	G250-B-SS	94.60	---	---
3"	G300-B-AL	23.60	G300-B-BR	77.70	G300-B-SS	109.35	G300-B-ALSI	23.60
4"	G400-B-AL	33.35	G400-B-BR	108.85	G400-B-SS	160.40	G400-B-ALSI	33.35
5"	G500-B-AL ¹	97.05	G500-B-BR ¹	316.10	---	---	---	---
6"	G600-B-AL	92.70	---	---	G600-B-SS	429.75	---	---



female coupler x male NPT

¹ Does not interchange in the ½" and 5" sizes with Dixon™ or Boss-Lock™ style cam and groove.
² supplied with stainless steel handles

Global Type C Couplers

Size	A380 Permanent Mold AL with Brass Handles		ASTMC38000 Forged Brass		316 Investment Cast SS		A380 Permanent Mold AL with SS Handles	
	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
½"	G50-C-AL ^{1,2}	\$13.15	G50-C-BR ^{1,2}	\$31.10	G50-C-SS	\$28.75	---	---
¾"	G75-C-AL ²	10.70	G75-C-BR ²	20.40	G75-C-SS	30.40	---	---
1"	G100-C-AL ²	10.95	G100-C-BR ²	29.50	G100-C-SS	29.50	---	---
1¼"	G125-C-AL	15.50	G125-C-BR	30.25	G125-C-SS	50.35	---	---
1½"	G150-C-AL	13.20	G150-C-BR	39.60	G150-C-SS	49.80	G150-C-ALSI	\$13.20
2"	G200-C-AL	15.25	G200-C-BR	48.05	G200-C-SS	63.65	G200-C-ALSI	15.25
2½"	G250-C-AL	25.90	G250-C-BR	70.45	G250-C-SS	86.00	---	---
3"	G300-C-AL	23.55	G300-C-BR	90.95	G300-C-SS	125.45	G300-C-ALSI	23.55
4"	G400-C-AL	36.75	G400-C-BR	132.00	G400-C-SS	173.95	G400-C-ALSI	36.75
5"	G500-C-AL ¹	103.00	G500-C-BR ¹	409.20	---	---	---	---
6"	G600-C-AL	109.20	---	---	G600-C-SS	406.15	---	---
8"	G800-C-AL ¹	335.00	---	---	---	---	---	---



female coupler x hose shank

¹ Does not interchange in the ½", 5", and 8" sizes with Dixon™ or Boss-Lock™ style cam and groove.

² supplied with stainless steel handles

Global Type D Couplers

C



female coupler x female NPT

Size	A380 Permanent Mold AL with Brass Handles		ASTMC38000 Forged Brass		316 Investment Cast SS		A380 Permanent Mold AL with SS Handles	
	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/2"	G50-D-AL ^{1,2}	\$16.35	G50-D-BR ^{1,2}	\$29.90	G50-D-SS	\$29.75	---	---
3/4"	G75-D-AL ²	12.10	G75-D-BR ²	22.75	G75-D-SS	31.35	---	---
1"	G100-D-AL ²	11.60	G100-D-BR ²	30.25	G100-D-SS	31.35	---	---
1 1/4"	G125-D-AL	16.95	G125-D-BR	35.15	G125-D-SS	52.90	---	---
1 1/2"	G150-D-AL	12.90	G150-D-BR	39.20	G150-D-SS	54.70	G150-D-ALSI	\$12.90
2"	G200-D-AL	15.05	G200-D-BR	45.35	G200-D-SS	65.60	G200-D-ALSI	15.05
2 1/2"	G250-D-AL	26.45	G250-D-BR	77.30	G250-D-SS	88.45	---	---
3"	G300-D-AL	25.15	G300-D-BR	80.95	G300-D-SS	107.45	G300-D-ALSI	25.15
4"	G400-D-AL	34.00	G400-D-BR	129.45	G400-D-SS	169.95	G400-D-ALSI	34.00
5"	G500-D-AL ¹	92.25	G500-D-BR ¹	310.90	---	---	---	---
6"	G600-D-AL	98.45	---	---	G600-D-SS	421.00	---	---

¹ does not interchange in the 1/2" and 5" sizes with Dixon™ or Boss-Lock™ style cam and groove

² stainless steel handles

Global Type E Adapters



hose shank x male adapter

Size	A380 Permanent Mold AL		ASTMC38000 Forged Brass		316 Investment Cast SS	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/2"	G50-E-AL ¹	\$8.80	G50-E-BR ¹	\$19.20	G50-E-SS	\$15.90
3/4"	G75-E-AL	4.35	G75-E-BR	19.70	G75-E-SS	16.75
1"	G100-E-AL	5.05	G100-E-BR	19.05	G100-E-SS	22.45
1 1/4"	G125-E-AL	7.55	G125-E-BR	21.35	G125-E-SS	36.10
1 1/2"	G150-E-AL	6.55	G150-E-BR	27.40	G150-E-SS	36.25
2"	G200-E-AL	8.40	G200-E-BR	38.25	G200-E-SS	50.45
2 1/2"	G250-E-AL	16.20	G250-E-BR	63.25	G250-E-SS	83.15
3"	G300-E-AL	15.15	G300-E-BR	76.75	G300-E-SS	110.25
4"	G400-E-AL	25.10	G400-E-BR	123.00	G400-E-SS	161.00
5"	G500-E-AL ¹	78.05	G500-E-BR ¹	447.95	---	---
6"	G600-E-AL	79.45	---	---	G600-E-SS	360.30
8"	G800-E-AL ¹	240.00	---	---	---	---

¹ does not interchange in the 1/2", 5", and 8" sizes with Dixon™ or Boss-Lock™ style cam and groove

Global Type F Adapters



male NPT x male adapter

Size	A380 Permanent Mold AL		ASTMC38000 Forged Brass		316 Investment Cast SS	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/2"	G50-F-AL ¹	\$6.60	G50-F-BR ¹	\$14.70	G50-F-SS	\$22.00
3/4"	G75-F-AL	5.35	G75-F-BR	13.30	G75-F-SS	23.30
1"	G100-F-AL	5.70	G100-F-BR	16.55	G100-F-SS	25.55
1 1/4"	G125-F-AL	9.40	G125-F-BR	29.65	G125-F-SS	41.20
1 1/2"	G150-F-AL	6.80	G150-F-BR	29.75	G150-F-SS	44.75
2"	G200-F-AL	7.65	G200-F-BR	34.60	G200-F-SS	53.80
2 1/2"	G250-F-AL	17.85	G250-F-BR	44.50	G250-F-SS	92.25
3"	G300-F-AL	16.85	G300-F-BR	67.55	G300-F-SS	112.05
4"	G400-F-AL	24.80	G400-F-BR	99.50	G400-F-SS	159.80
5"	G500-F-AL ¹	88.60	G500-F-BR ¹	332.10	---	---
6"	G600-F-AL	64.60	---	---	G600-F-SS	385.45

¹ does not interchange in the 1/2" and 5" sizes with Dixon™ or Boss-Lock™ style cam and groove

Global Type DC Dust Caps

Size	A380 Permanent Mold AL with Brass Handles		ASTMC38000 Forged Brass		316 Investment Cast SS		A380 Permanent Mold AL with SS Handles	
	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/2"	G50-DC-AL ^{1,2}	\$14.40	G50-DC-BR ^{1,2}	\$24.05	G50-DC-SS	\$27.00	---	---
3/4"	G75-DC-AL ²	10.60	G75-DC-BR ²	18.10	G75-DC-SS	28.45	---	---
1"	G100-DC-AL ²	10.40	G100-DC-BR ²	22.30	G100-DC-SS	28.80	---	---
1 1/4"	G125-DC-AL	14.00	G125-DC-BR	31.25	G125-DC-SS	50.50	---	---
1 1/2"	G150-DC-AL	12.70	G150-DC-BR	34.95	G150-DC-SS	48.35	G150-DC-ALSI	\$12.70
2"	G200-DC-AL	12.40	G200-DC-BR	38.25	G200-DC-SS	56.90	G200-DC-ALSI	12.40
2 1/2"	G250-DC-AL	20.70	G250-DC-BR	44.90	G250-DC-SS	78.45	---	---
3"	G300-DC-AL	23.10	G300-DC-BR	69.90	G300-DC-SS	93.60	G300-DC-ALSI	23.10
4"	G400-DC-AL	29.25	G400-DC-BR	97.05	G400-DC-SS	126.05	G400-DC-ALSI	29.25
5"	G500-DC-AL ¹	80.00	G500-DC-BR ¹	304.90	---	---	---	---
6"	G600-DC-AL	84.35	---	---	G600-DC-SS	405.95	---	---

¹ does not interchange in the 1/2" and 5" sizes with Dixon™ or Boss-Lock™ style cam and groove use same arms as 3" and 4"

² stainless steel handles



dust cap

Global Type DP Dust Plugs

Size	A380 Permanent Mold AL		ASTMC38000 Forged Brass		316 Investment Cast SS	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/2"	G50-DP-AL ¹	\$5.05	G50-DP-BR ¹	\$18.65	G50-DP-SS	\$14.75
3/4"	G75-DP-AL	4.85	G75-DP-BR	12.80	G75-DP-SS	15.85
1"	G100-DP-AL	4.75	G100-DP-BR	14.20	G100-DP-SS	18.85
1 1/4"	G125-DP-AL	5.65	G125-DP-BR	18.75	G125-DP-SS	31.00
1 1/2"	G150-DP-AL	5.45	G150-DP-BR	17.85	G150-DP-SS	29.15
2"	G200-DP-AL	6.55	G200-DP-BR	21.20	G200-DP-SS	33.55
2 1/2"	G250-DP-AL	9.70	G250-DP-BR	34.60	G250-DP-SS	60.10
3"	G300-DP-AL	11.05	G300-DP-BR	37.40	G300-DP-SS	72.85
4"	G400-DP-AL	17.50	G400-DP-BR	62.15	G400-DP-SS	86.85
5"	G500-DP-AL ¹	48.20	G500-DP-BR ¹	201.45	---	---
6"	G600-DP-AL	44.90	---	---	G600-DP-SS	249.95

¹ does not interchange in the 1/2" and 5" sizes with Dixon™ or Boss-Lock™ style cam and groove



dust plug

Replacement Handle Assemblies for Global Couplers

For Aluminum and Brass Global Couplers

For Stainless Steel Global Couplers

Feature:

- supplied complete with ring and pin



investment stainless

Fits on sizes	Investment Stainless Part #	Price/E
3/4"	G75HRP	\$2.70
1"	G100HRP	4.05
1 1/2" and 2"	G152HRPSI	4.60
3" and 4"	G34HRPSI	7.10
6"	G600HRPSI	20.45



forged brass

Fits on sizes	Forged Brass Part #	Price/E
1 1/4" - 2 1/2"	G152HRP	\$4.60
3" and 4"	G34HRP	8.10
6" and 8"	G600HRP	18.00



investment stainless

Fits on sizes	Investment Stainless Part #	Price/E
3/4"	G75HRPSS	\$4.15
1"	G100HRPSS	4.00
1 1/4" - 2 1/2"	G125250HRPSS	9.35
3" and 4"	G300400HRPSS	9.35
6"	G600HRPSS	20.25

Safety Clip for Global Couplers

Zinc Plated Carbon Steel Part #	Price/E	Bag Qty
GSAFETYCLIP	\$0.40	25



C



Global Type DD Spool Couplers

Size	A380 Permanent Mold AL		316 Investment Cast SS	
	Part #	Price/E	Part #	Price/E
2"	G200-DD-AL	\$53.95	G200-DD-SS	\$129.55
3"	G300-DD-AL	75.45	G300-DD-SS	193.50
4"	G400-DD-AL	103.85	G400-DD-SS NEW	375.00



G300-AA-AL



G2030-AA-AL

Global Type AA Spool Adapters

Size	A380 Permanent Mold AL		316 Investment Cast SS	
	Part #	Price/E	Part #	Price/E
1"	G100-AA-AL	\$8.55	---	---
1½"	G150-AA-AL	25.00	G150-AA-SS NEW	\$75.50
2"	G200-AA-AL	21.60	G200-AA-SS	105.60
3"	G300-AA-AL	50.40	G300-AA-SS NEW	183.35
4"	G400-AA-AL	65.80	G400-AA-SS	224.70

jump size male spool adapter

Size	A380 Permanent Mold Aluminum		316 Investment Cast SS	
	Part #	Price/E	Part #	Price/E
1½" x 2"	G1520-AA-AL	\$32.40	---	---
2" x 3"	G2030-AA-AL	49.75	G2030-AA-SS NEW	\$137.40
3" x 4"	G3040-AA-AL	71.10	---	---



G3020-C-AL



G3020-DA-AL



G3020-E-AL

Global Jump Size Cam and Groove male adapter x female NPT

Size	A380 Permanent Mold Aluminum	
	Part #	Price/E
3" x 2"	G3020-A-AL	\$42.30
4" x 3"	G4030-A-AL	52.30

female coupler x hose shank

Size	A380 Permanent Mold Aluminum	
	Part #	Price/E
3" x 2"	G3020-C-AL	\$52.95
4" x 3"	G4030-C-AL	68.20

female coupler x male adapter

Size	A380 Permanent Mold Aluminum		316 Investment Cast SS	
	Part #	Price/E	Part #	Price/E
3" x 2"	G3020-DA-AL NEW	\$58.05	G3020-DA-SS NEW	\$195.50
3" x 4"	G3040-DA-AL	75.00	---	---
4" x 3"	G4030-DA-AL	83.70	G4030-DA-SS NEW	321.00
5" x 4"	G5040-DA-AL	123.60	---	---
6" X 4"	G6040-DA-AL NEW	144.40	---	---

male adapter x hose shank

Size	A380 Permanent Mold Aluminum	
	Part #	Price/E
3" x 2"	G3020-E-AL	\$27.85
4" x 3"	G4030-E-AL	57.30

NEW



Size	356T6 Aluminum	
	Part #	Price/E
4"	G400-AL-AL	\$114.85



Size	356T6 Aluminum	
	Part #	Price/E
4"	G400-DL-AL	\$194.40

Cam and Groove x NST (NH) Adapters

Features:

- powder coated aluminum swivel nut
- for suction and low pressure discharge only

Type D

Type D Coupler	Female NST (NH) Thread	Aluminum Part #	Price	Wt. Lbs.
1½"	1½"	G150-D-ALNST	\$90.40	3.0
2"	2½"	2025-D-ALNST	110.10	3.4
2½"	2½"	G250-D-ALNST	116.75	3.4
3"	2½"	3025-D-ALNST	136.40	3.4



Type A

Type A Adapter	Female NST (NH) Thread	Aluminum Part #	Price	Wt. Lbs.
1½"	1½"	G150-A-ALNST	\$80.00	3.0
2½"	2½"	G250-A-ALNST	103.75	3.4
3"	2½"	3025-A-ALNST	116.75	3.4



Type B

Type B Coupler	Male NST (NH) Thread	Aluminum Part #	Price	Wt. Lbs.
1½"	1½"	G150-B-ALNST	\$85.85	3.0
2"	1½"	2015-B-ALNST	112.65	3.4
2½"	2½"	G250-B-ALNST	138.80	3.4
3"	2½"	3025-B-ALNST	155.80	3.4



Type F

Type F Adapter	Male NST (NH) Thread	Aluminum Part #	Price	Wt. Lbs.
1½"	1½"	G150-F-ALNST	\$77.50	3.0
2"	2½"	2025-F-ALNST	139.95	3.4
2½"	2½"	G250-F-ALNST	125.80	3.4
3"	2½"	3025-F-ALNST	143.70	3.4



- other sizes, configurations and materials available, contact Dixon™ for information

Cam and Groove Adapters - Pin Lug

Features:

- pin lugs allow for easy connection using standard spanner and hydrant wrenches
- supplied with Buna-N washer in the threaded end
- see page 634 for lug wrenches

Female NST (NH)	Male Adapter	Aluminum Part #	Price	Wt. Lbs.
1½"	1½"	AHA1515ADP	\$56.05	0.5
2½"	2½"	AHA2525ADP	52.50	0.6



Female NST (NH)	Male Adapter	Brass Part #	Price	Wt. Lbs.
1½"	1½"	HA1515ADP	\$75.50	0.8
2½"	2½"	HA2525ADP	83.30	2.0



Polypropylene Adapters



NOT recommended for use with PTFE gaskets

C

Features:

- manufactured from a glass-filled polypropylene
- maximum operating pressure: **125 PSI** (½" - 1"), **100 PSI** (1¼" - 2"), **60 PSI** (3") and **50 PSI** (4"); recommendations based on the use of mating Dixon™ fittings at an ambient temperature of **70°F** with standard seal installed
- ½" couplers and adapters will interchange with ¾" couplers and adapters, only the threads and barbs are ½"
- 1¼" couplers and adapters will interchange with 1½" couplers and adapters, only the threads and barbs are 1¼"
- polypropylene cam and groove should not be mixed with metal fittings



male adapter x female NPT

type A			
Size	Polypropylene		Opt Qty
	Part #	Price/E	
¾" x ½"	PPA50	\$2.45	24
¾"	PPA75	2.45	24
1"	PPA100	2.50	24
1½" x 1¼"	PPA125	3.90	24
1½"	PPA150	4.05	24
2"	PPA200	5.10	24
3"	PPA300	8.55	24
4"	PPA400	21.00	8



male adapter x male NPT

type F			
Size	Polypropylene		Opt Qty
	Part #	Price/E	
¾" x ½"	PPF50	\$1.80	24
¾"	PPF75	1.80	24
1"	PPF100	2.05	24
1½" x 1¼"	PPF125	3.15	24
1½"	PPF150	4.05	24
2"	PPF200	5.40	24
3"	PPF300	12.05	24
4"	PPF400	21.85	8



male adapter x hose shank

type E			
Size	Polypropylene		Opt Qty
	Part #	Price/E	
¾" x ½"	PPE50	\$1.65	24
¾"	PPE75	1.65	24
1"	PPE100	2.05	24
1½" x 1¼"	PPE125	3.05	24
1½"	PPE150	4.20	24
2"	PPE200	5.60	24
3"	PPE300	9.80	24
4"	PPE400	18.60	8



dust plug¹



4" plug has a different design

type P ¹			
Size	Polypropylene		Opt Qty
	Part #	Price/E	
¾"	PPP75	\$1.40	24
1"	PPP100	1.65	24
1½"	PPP150	3.30	24
2"	PPP200	4.40	24
3"	PPP300	6.55	24
4"	PPP400	12.85	8



¹ Dust caps and dust plugs are not to be used in pressure applications for safety and environmental reasons.

Polypropylene Adapter Elbows

Features:

- maximum operating pressure: **100 PSI** (1½" - 2"); recommendations based on the use of mating Dixon™ fittings at an ambient temperature of **70°F** with standard seal installed
- manufactured from a glass-filled polypropylene
- for use at elevated temperatures or other unusual operating conditions, consult Dixon™



male adapter x female NPT

90° Elbow x FNPT			
Size	Polypropylene		Opt Qty
	Part #	Price/E	
1½"	90PPA150	\$9.50	24
2"	90PPA200	10.50	24



male adapter x male NPT

90° Elbow x MNPT			
Size	Polypropylene		Opt Qty
	Part #	Price/E	
1½"	90PPF150	\$7.00	24
2"	90PPF200	8.55	24

Polypropylene Couplers



NOT recommended for use with PTFE gaskets

Features:

- manufactured from a glass-filled polypropylene
- supplied with EPDM gaskets, 304 stainless steel handles and pins
- polypropylene cam and groove should not be mixed with metal fittings
- maximum operating pressure: **125 PSI** (½" - 1"), **100 PSI** (1¼" - 2"), **60 PSI** (3") and **50 PSI** (4"); recommendations based on the use of mating Dixon™ fittings at an ambient temperature of **70°F** with standard seal installed
- ½" couplers and adapters will interchange with ¾" couplers and adapters, only the threads and barbs are ½"
- 1¼" couplers and adapters will interchange with 1½" couplers and adapters, only the threads and barbs are 1¼"
- replacements: gasket use **EPR** on page 78, key rings use **R200SS** on page 76, safety clip use **GSAFETYCLIP** on page 83

type D

Size	Polypropylene		Opt Qty
	Part #	Price/E	
¾" x ½"	PPD50	\$8.25	24
¾"	PPD75	8.25	24
1"	PPD100	9.20	24
1½" x 1¼"	PPD125	14.40	24
1½"	PPD150	15.10	24
2"	PPD200	16.90	24
3"	PPD300	25.35	24
4"	PPD400²	41.20	8



female coupler x female NPT

type B

Size	Polypropylene		Opt Qty
	Part #	Price/E	
¾" x ½"	PPB50	\$6.80	24
¾"	PPB75	6.80	24
1"	PPB100	8.35	24
1½" x 1¼"	PPB125	12.40	24
1½"	PPB150	14.00	24
2"	PPB200	15.80	24
3"	PPB300	23.95	24
4"	PPB400²	38.95	8



female coupler x male NPT

type C

Size	Polypropylene		Opt Qty
	Part #	Price/E	
¾" x ½"	PPC50	\$7.00	24
¾"	PPC75	7.00	24
1"	PPC100	8.50	24
1½" x 1¼"	PPC125	13.00	24
1½"	PPC150	14.40	24
2"	PPC200	16.65	24
3"	PPC300	25.15	24
4"	PPC400²	42.20	8



female coupler x hose shank

type H¹

Size	Polypropylene		Opt Qty
	Part #	Price/E	
¾"	PPH75	\$6.65	24
1"	PPH100	8.10	24
1½"	PPH150	13.40	24
2"	PPH200	14.70	24
3"	PPH300	21.40	24
4"	PPH400²	35.30	8



dust cap¹

4" cap has 4 handles



¹ Dust caps and dust plugs are not to be used in pressure applications for safety and environmental reasons.

² 4" coupler has 4 handles

Polypropylene Coupler Elbows

Features:

- manufactured from a glass-filled polypropylene
- supplied with EPDM gaskets, 304 stainless steel handles and pins
- maximum operating pressure: **100 PSI** (1½" - 2"); recommendations based on the use of mating Dixon™ fittings at an ambient temperature of **70°F** with standard seal installed



• for use at elevated temperatures or other unusual operating conditions, consult Dixon™.

90° Elbow x FNPT

Size	Polypropylene		Opt Qty
	Part #	Price/E	
1½"	90PPD150	\$21.00	24
2"	90PPD200	25.00	24



female coupler x female NPT

90° Elbow x Hose Shank

Size	Polypropylene		Opt Qty
	Part #	Price/E	
1½"	90PPC150	\$21.80	24
2"	90PPC200	24.10	24



female coupler x hose shank

Safety Break-away Coupling - Breaking Bolt Series Marine Version

Applications:

- designed to minimize spillage and damage associated with pull-away incidents
- typical applications include: ship-to-offshore platform and ship-to-ship product transfer operations
- **designed to be installed within a hose string where the coupling will have a length of hose attached to both sides**

D Features:

- coupling automatically senses an excessive load, closes the valves and disconnects, release is executed when force causes bolts to break
- working pressure: **360 PSI** at ambient temperature (70°F)
- 316T1 stainless steel body with FKM (FPM) O-rings
- optional non-disclosure design is available, contact Dixon™



Size	Width	Length	Weight in Lbs.	Flow Rate/GPM
2"	4.5"	7"	5.7	200
3"	6.8"	11"	18.8	650
4"	8.3"	12"	34.1	800
5"	10.6"	14"	71	1100
6"	12"	16"	101	1500
8"	13.5"	17.7"	157	3700

Female NPT x Female NPT



Size	DN Size	316 Stainless Steel	
		Part #	Price/E
2"	50	MSBC200SS	\$4400.20
3"	80	MSBC300SS	7781.65
4"	100	MSBC400SS	11958.30
5"	125	MSBC500SS	21927.00

Male NPT x Male NPT



Size	DN Size	316 Stainless Steel	
		Part #	Price/E
2"	50	MSBC200SSMNPT	\$4408.00
3"	80	MSBC300SSMNPT	8238.40
4"	100	MSBC400SSMNPT	11716.00
5"	125	MSBC500SSMNPT	21927.00
6"	150	MSBC600SSMNPT	42640.00

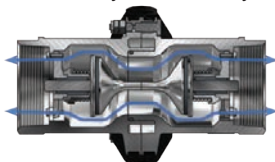
150# Flange x 150# Flange



Size	DN Size	316 Stainless Steel	
		Part #	Price/E
2"	50	MSBC200SSFL	\$6212.80
3"	80	MSBC300SSFL	12722.00
4"	100	MSBC400SSFL	19406.00
5"	125	MSBC500SSFL	24142.00
6"	150	MSBC600SSFL	38693.00
8"	200	MSBC800SSFL	87475.00

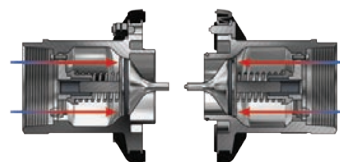
How it Works

Safety break-away couplings have three external break bolts. In the case of axial tension all of the bolts take up the force corresponding to the break force on the hose with a safety margin. Non-axial forces concentrate the tension forces more strongly on one bolt, so that the safety break-away coupling reacts in a natural way to the reduction of the hose break forces.



BEFORE emergency disconnect

The safety break-away valve consists of two halves, each with a valve that has a O-ring seal.



AFTER emergency disconnect

When the safety break-away couplings separate, it allows the valves to close. The two valves close rapidly, minimizing exposure to personnel and the environment.

Safety Break-away Coupling - Breaking Bolt Series Industrial Version

Application:

- designed to minimize spillage and damage associated with pull-away incidents
- typical applications: loading rack
- **designed to be installed between a fixed point (pipe, pump, manifold) and a hose**

Features:

- coupling automatically senses an excessive load, closes the valves and disconnects
- high flow rate / low pressure drop
- working pressure: stainless steel **360 PSI** and aluminum **230 PSI** at ambient temperature (70°F)
- FKM (FPM) is standard seal
- optional non-disclosure design is available, contact Dixon™



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Size	Width	Length	Weight in Lbs.		Flow Rate/GPM
			Stainless	Aluminum	
2"	4.5"	7"	5	3	200
3"	6.8"	11"	18	8	650
4"	8.3"	12"	34	14	800
5"	10.6"	14"	71	27	1100
6"	12"	16"	101	35	1500
8"	13.5"	17.7"	157	66	3700

Female NPT x Female NPT

Size	DN Size	316 Stainless Steel		Aluminum	
		Part #	Price/E	Part #	Price/E
2"	50	SBC200SS	\$3667.85	SBC200AL	\$1711.90
3"	80	SBC300SS	6484.90	SBC300AL	3324.85
4"	100	SBC400SS	9960.10	SBC400AL	5085.10
5"	125	SBC500SS	18798.00	SBC500AL	11746.00
6"	150	SBC600SS	33608.90	SBC600AL	24709.70



Male NPT x Male NPT

Size	DN Size	316 Stainless Steel		Aluminum	
		Part #	Price/E	Part #	Price/E
2"	50	SBC200SSMNPT	\$3850.80	SBC200ALMNPT	\$1891.30
3"	80	SBC300SSMNPT	7044.00	SBC300ALMNPT	3610.70
4"	100	SBC400SSMNPT	10818.00	SBC400ALMNPT	5523.40
5"	125	SBC500SSMNPT	19352.00	SBC500ALMNPT	10744.00
6"	150	SBC600SSMNPT	36453.00	SBC600ALMNPT	24043.00



150# Flange x 150# Flange

Size	DN Size	316 Stainless Steel		Aluminum	
		Part #	Price/E	Part #	Price/E
2"	50	SBC200SSFL	\$5181.35	SBC200ALFL	\$3512.40
3"	80	SBC300SSFL	10602.00	SBC300ALFL	4512.70
4"	100	SBC400SSFL	16172.00	SBC400ALFL	5576.30
5"	125	SBC500SSFL	21566.00	SBC500ALFL	12832.00
6"	150	SBC600SSFL	35420.00	SBC600ALFL	25912.00
8"	200	SBC800SSFL	76732.20	---	---



TTMA Flanged Breakaway Coupling

Features:

- minimizes spillage and damage associated with drive away and pull away incidents
- installs between an API coupler and loading arm
- coupling automatically senses excessive load, closes the valves and disconnects
- high flow rate / low pressure drop
- **230 PSI** at ambient temperature (70°F)
- FKM/FPM is standard seal

Size	Aluminum	
	Part #	Price/E
4"	SBC400ALTTMA	\$5267.00



Dry Disconnect Couplings

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Applications:

- used by producers of ink, adhesives, fatty acids, pharmaceuticals, liquid soaps, petroleum, chemicals, agricultural and a wide variety of common caustic and specialty acids
- designed for the quick and spill free connection and disconnection of hoses and pipelines

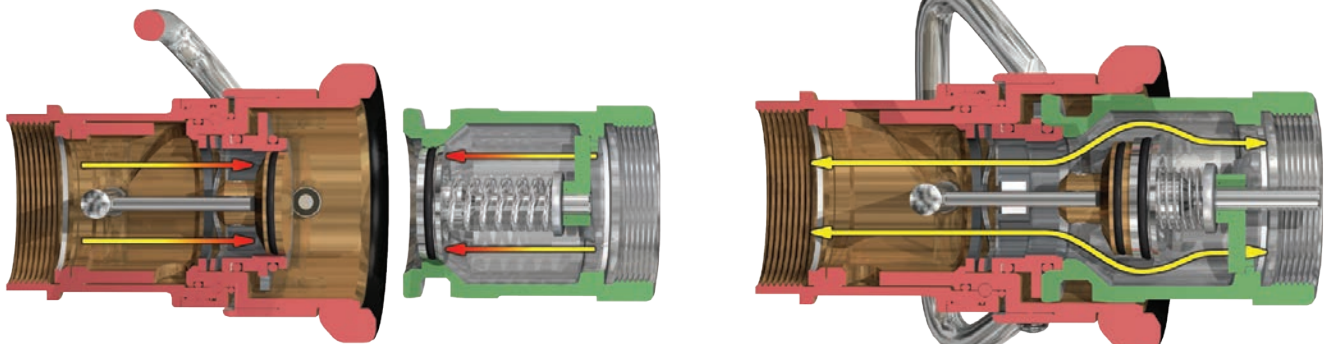
Features:

- easy to handle - push and turn - free flow, turn and pull - closed
- time saving - no need to drain hoses or pipe systems
- economical - no loss or spillage of liquids at connection or disconnection
- safety - the valve cannot be opened until the unit is coupled
- environmental friendly - accidental spillage eliminated when proper used
- safe and reliable - due to rugged construction
- product life - uncomplicated design and high quality materials ensures long product life
- selectivity - To avoid product contamination, selective versions of the couplers and adapters are available. Contact Dixon™ for further information.
- produced according to NATO standard STANAG 3756 and ATOFINA SGM 2049.TUY.C.
- working pressure (at ambient temperature (70°F):
 - aluminum: **230 PSI**, up to 4"
 - brass/ gunmetal¹: **230 PSI**, up to 4"
 - stainless steel: **360 PSI**
- standard seal supplied: FKM
- optional seals:
 - EPDM
 - NBR - nitrile
 - Kalrez®
 - Chemraz®
- seal kits are available
- interchanges with Avery Hardoll and Todo-matic®

¹ produced to US government bronze specification G

How it Works

The principle of operation is identical for all sizes of couplings.



Closed:

- Turn and pull
it's released - no spillage

Open:

- Push and turn
it's coupled - full flow

Dry Disconnect Couplers

Features:

- coupler has built-in swivel
- stainless steel ball bearings
- stainless steel shaft journal embedded in PTFE to eliminate seizure
- riveted piston pin to minimize the risk for failure under extreme pressure conditions
- the protective ring is a specially formulated, weather resistant and electrically conductive rubber compound
- all wetted parts are stainless steel
- stainless steel couplers: rollers are Hastelloy C276 on the stainless steel shaft
- aluminum and brass couplers: rollers are aluminum-bronze on the stainless steel shaft
- Composite (Polyeten PE-HD 300) plugs to provide very good protection against corrosion and withstand hot and cold environments.



Coupler - Hose Unit



coupler x female NPT with FKM (FPM) seals

Female NPT	Body Size	316 Stainless Steel		Aluminum		Brass / Gunmetal ¹	
		Part #	Price/E	Part #	Price/E	Part #	Price/E
3/4"	56 mm	DDC075SS	\$2197.65	DDC075AL	\$1147.30	DDC075BR	\$1606.80
1"	56 mm	DDC100SS	2197.65	DDC100AL	1147.30	DDC100BR	1606.80
1 1/2"	70 mm	DDC150SS	3378.10	DDC150AL	1667.50	DDC150BR	2002.35
2"	70 mm	DDC200SS	3378.10	DDC200AL	1667.50	DDC200BR	2002.35
3"	105 mm	DDC300SS105	5855.10	DDC300AL105	1869.60	DDC300GM105	2649.70
3"	119 mm	DDC300SS	5884.20	DDC300AL	1885.50	DDC300GM	2957.05
4"	164 mm	DDC400SS	10138.40	DDC400AL	3958.40	DDC400GM	5372.75
6"	238 mm	DDC600SS	26951.50	DDC600AL	13885.00	---	---

¹ produced to US government bronze specification G

coupler x 150# ASA flange with FKM (FPM) seals

150# Flange	Body Size	316 Stainless Steel	
		Part #	Price/E
2"	70 mm	DDC200SSFL	\$5280.30
3"	119 mm	DDC300SSFL	8185.50
4"	164 mm	DDC400SSFL	12896.15
6"	238 mm	DDC600SSFL	26951.50
8"	272 mm	DDC800SSFL	98020.00



coupler x TTMA flange with FKM (FPM) seals

TTMA Flange	Body Size	Aluminum	
		Part #	Price/E
4"	164 mm	DDC400AL164TTMA	\$5141.00



Dust Plugs for Couplers

Size	Body Size	Polyeten PE-HD 300	
		Part #	Price/E
3/4" and 1"	56 mm	DDDP075	\$108.40
1 1/2" and 2"	70 mm	DDDP150	112.40
3"	105 mm	DDDP300105	116.00
3"	119 mm	DDDP300	116.00
4"	164 mm	DDDP400	232.40
6"	238 mm	DDDP600¹	700.00

¹ 6" dust plug is aluminum



Dry Disconnect Adapters

Application:

- usually installed on the tank or manifold

Features:

- conical valve seat reduces the risk for piston blow out
- PTFE bearing between piston shaft and guide eliminates risk of seizure
- aluminum adapter: aluminum poppet, stainless steel internal parts
- stainless steel adapter: stainless steel poppet, stainless steel internal parts
- brass / gunmetal ¹ adapter: brass poppet, brass and stainless steel internal parts
- composite (Polyeten PE-HD 300) cap to provide good protection in harsh environments
- FKM (FPM) gaskets standard on polyeten caps

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Adapter - Tank Unit

adapter x female NPT with FKM (FPM) seals



female NPT x adapter

Female NPT	Body Size	316 Stainless Steel		Aluminum		Brass / Gunmetal ¹	
		Part #	Price/E	Part #	Price/E	Part #	Price/E
¾"	56 mm	DDA075SS	\$800.10	DDA075AL	\$576.70	DDA075BR	\$654.40
1"	56 mm	DDA100SS	800.10	DDA100AL	576.70	DDA100BR	654.40
1½"	70 mm	DDA150SS	1185.80	DDA150AL	526.95	DDA150BR	592.40
2"	70 mm	DDA200SS	1185.80	DDA200AL	526.95	DDA200BR	592.40
3"	105 mm	DDA300SS105	1639.50	DDA300AL105	637.60	DDA300GM105	855.50
3"	119 mm	DDA300SS	1558.60	DDA300AL	652.05	DDA300GM	896.50
4"	164 mm	DDA400SS	2941.45	DDA400AL	1283.95	DDA400GM	2017.00
6"	238 mm	DDA600SS	11513.70	DDA600AL	5320.00	---	---



150# flange x adapter

adapter x 150# ASA flange with FKM (FPM) seals

150# Flange	Body Size	316 Stainless Steel		Aluminum		Brass / Gunmetal ¹	
		Part #	Price/E	Part #	Price/E	Part #	Price/E
¾"	56 mm	DDA075SSFL	\$1489.10	---	---	---	---
1"	56 mm	DDA100SSFL	1489.10	DDA100ALFL	\$1024.95	DDA100BRFL	\$1164.90
1½"	70 mm	DDA150SSFL	1568.85	DDA150ALFL	814.65	DDA150BRFL	1144.50
2"	70 mm	DDA200SSFL	1568.85	DDA200ALFL	814.65	DDA200BRFL	1144.50
3"	105 mm	DDA300SS105FL	1725.65	DDA300AL105FL	947.15	DDA300GM105FL	1255.25
3"	119 mm	DDA300SSFL	2128.65	DDA300ALFL	1076.30	DDA300GMFL	1368.45
4"	164 mm	DDA400SSFL	3565.35	DDA400ALFL	1510.35	DDA400GMFL	2459.10
6"	238 mm	DDA600SSFL	11513.70	DDA600ALFL	5318.55	---	---
8"	272 mm	DDA800SSFL	42008.00	---	---	---	---

¹ produced to US government bronze specification G



TTMA flange x adapter

adapter x TTMA flange with FKM (FPM) seals

TTMA Flange	Body Size	Aluminum	
		Part #	Price/E
3"	105 mm	DDA300AL105TTMA	\$976.20
3"	119 mm	DDA300AL119TTMA	1076.30
4"	164 mm	DDA400AL164TTMA	1510.35

Dust Caps for Adapters



dust cap - composite

Size	Body Size	Polyeten PE-HD 300	
		Part #	Price/E
¾" and 1"	56 mm	DDDC075	\$175.80
1½" and 2"	70 mm	DDDC150	192.55
3"	105 mm	DDDC300105	212.60
3"	119 mm	DDDC300	236.40
4"	164 mm	DDDC400	444.70
6"	238 mm	DDDC600 ¹	1650.55

¹ 6" dust cap is aluminum



dust cap - rubber

Size	Body Size	Rubber	
		Part #	Price/E
2"	71 mm	DGDC200	\$100.85
3"	119 mm	DGDC300	119.60

Dry Aviation Couplings

Applications:

- designed for use in aviation refueling systems

Features:

- body: high strength aluminum
- coupling ring: gunmetal (*produced to U.S. government bronze specification G*)
- bayonet flange and inner parts: stainless steel, aluminum
- all wetted parts are aluminum and stainless steel
- working pressure: **150 PSI** at ambient temperature (70°F)
- composite (Polyeten PE-HD 300) plug to provide good protection in harsh environments
- accepts international standard 2½" point bayonet, hose end refueling nozzles according to: ISO45 / MS24484 / STANAG 3105 / British Aerospace Spec. 2C14, **they are not configured for under-wing refueling**



Coupler - Hose Unit

Features:

- stainless steel ball bearings
- gunmetal coupling ring minimizes the risk of seizure
- stainless steel shaft journal embedded in PTFE to eliminate seizure
- PTFE bearings between the driving plate and the piston guide eliminate the risk of seizure
- riveted piston pin minimizes the risk of failure under extreme pressure conditions
- the protective ring is a specially formulated, weather resistant and electrically conductive rubber compound

coupler x female NPT with FKM (FPM) seals

Female NPT	Body Size	Aluminum	
		Part #	Price/E
2½"	ISO 45	DAC250AL	\$2204.90
3"	ISO 45	DAC300AL	2204.90



female thread x coupler

coupler x female BSP with FKM (FPM) seals

Female BSP	Body Size	Aluminum	
		Part #	Price/E
2½"	ISO 45	DAC250ALBSP	\$2204.90
3"	ISO 45	DAC300ALBSP	2204.90

Sight Flow Indicator with Filter / Screen

Features:

- filter / screen can be inspected through the sight glass and is easily removed if cleaning is required
- screen is 100 mesh

aviation sight flow indicator with filter / screen

Female Thread	Male Thread	Aluminum	
		Part #	Price/E
2½" NPT	2½" BSP	ASFI25T25B	\$1313.75
3" NPT	3" BSP	ASFI30T30B	1313.75
2½" NPT	2½" NPT	ASFI25T25T	1313.75
3" NPT	3" NPT	ASFI30T30T	1313.75



Dust Plug for Couplers

Size	Body Size	Polyeten PE-HD 300	
		Part #	Price/E
2½"	ISO 45	DADP250	\$272.85



Dry Aviation Couplings

Application:

- designed for use in aviation refueling systems

Features:

- body: high strength aluminum
- coupling ring: gunmetal
- bayonet flange and inner parts: stainless steel, aluminum
- all wetted parts are in aluminum and stainless steel
- working pressure: **150 PSI** at ambient temperature (70°F)
- composite (Polyeten PE-HD 300) cap to provide good protection in harsh environments
- accepts international standard 2½" point bayonet hose end refueling nozzles according to: ISO45 / MS24484 / STANAG 3105 / British Aerospace Spec. 2C14, **not configured for under-wing refueling**

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Adapter - Tank Unit

Features:

- gunmetal coupling ring minimizes the risk of seizure
- PTFE bearings between the piston shaft and the piston guide eliminate the risk of seizure
- conical valve seat eliminates the risk of piston blow out when extreme pressure is used



female thread x adapter

adapter x female NPT with FKM (FPM) seals

Female NPT	Body Size	Aluminum	
		Part #	Price/E
2½"	ISO 45	DAA250AL	\$1305.50
3"	ISO 45	DAA300AL	1305.50



150# flange x adapter

adapter x 150# ASA flange with FKM (FPM) seals

150# Flange	Body Size	Aluminum	
		Part #	Price/E
2½"	ISO 45	DAA250ALFL	\$1513.05
3"	ISO 45	DAA300ALFL	1513.05

Dust Cap for Adapters



Size	Body Size	Polyeten PE-HD 300	
		Part #	Price/E
2½"	ISO 45	DADC250	\$186.90

Dry Break Cam and Groove Dry Disconnect Couplers

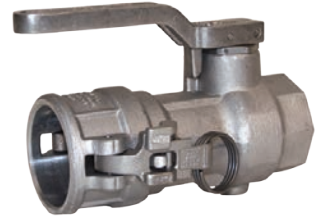
Features:

- automatic closing poppet assembly
- must be used with a DBA style adapter for coupler to operate, sold separately
- fully interchangeable with Kamvalok (OPW trademark) fittings
- maximum operating pressure at 70°F:
 - 1½" - 210 PSI
 - 2" - 150 PSI
 - 3" - 120 PSI
- aluminum fittings have stainless internals comparable to 304 stainless
- stainless handle allows exposure to corrosive chemicals or wash down service
- heavy duty handle attachment prevents bending of crank assembly
- one piece stainless crank and link provide long service life
- 1½" and 2" sizes have EZ Boss-Lock™ cam arms - prevent accidental opening caused by vibration or snagging
- 3" has large paddle type cam arms allowing an easy grip



coupler x female NPT

Female NPT	Coupler Size	Seal	Aluminum		Stainless Steel ¹	
			Part #	Price/E	Part #	Price/E
1½"	2"	Buna	DBC61-150	\$753.40	DBC71-150	\$1668.00
2"	2½"		DBC61-200	792.55	DBC71-200	1855.75
3"	4"		DBC61-300	1650.70	DBC71-300	3983.20
1½"	2"	FKM	DBC62-150	816.85	DBC72-150	1731.90
2"	2½"		DBC62-200	887.90	DBC72-200	1951.65
3"	4"		DBC62-300	1842.45	DBC72-300	4194.95
1½"	2"	PTFE Encapsulated Silicone & FFPM	DBC63-150	1853.75	DBC73-150	2427.10
2"	2½"		DBC63-200	2124.15	DBC73-200	2838.60
3"	4"		DBC63-300	3413.85	DBC73-300	5627.20
1½"	2"	EPT	DBC64-150	1174.65	DBC74-150	1731.90
2"	2½"		DBC64-200	1303.75	DBC74-200	1951.65
3"	4"		DBC64-300	2115.95	DBC74-300	4194.95
1½"	2"	FFPM and PTFE ²	---	---	DBC76-150	5193.75
2"	2½"		DBC66-200	4888.10	DBC76-200	5633.25
3"	4"		---	---	DBC76-300	11649.90
1½"	2"	PTFE Encapsulated FKM & FFPM	---	---	DBC77-150	2486.25
2"	2½"		---	---	DBC77-200	2455.65
3"	4"		---	---	DBC77-300	5215.75
3"	4"	FKM-B	DBC69-300	2223.30	DBC79-300	4592.50



coupler x 1½" and 2" female NPT



coupler x 3" female NPT

greaseless coupler x female NPT

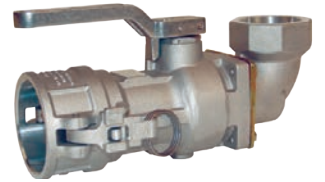
Female NPT	Coupler Size	Seal	Stainless Steel ¹	
			Part #	Price/E
1½"	2"	PTFE Encapsulated	DBC77-150-GL	\$2764.70
2"	2½"	FKM & FFPM	DBC77-200-GL	2950.45

¹ stainless steel corrosion resistance is comparable to 304 stainless steel

² FFPM gasket, main seal O-ring and handle O-ring, PTFE seals on cylinder assembly, stuffing box, and seal under poppet screw

coupler x 90° swivel female NPT

Female NPT	Coupler Size	Seal	Aluminum	
			Part #	Price/E
2"	2½"	Buna	DBS61-200	\$960.85
2"	2½"	FKM	DBS62-200	1108.30
2"	2½"	PTFE Encapsulated FKM & FFPM	DBS63-200	2251.45



Dust Plugs for Couplers

Size	Aluminum		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
2"	G200-DP-AL	\$6.55	G200-DP-SS	\$33.55
2½"	G250-DP-AL	9.70	G250-DP-SS	60.10
4"	G400-DP-AL	17.50	G400-DP-SS	86.85



Locking Kits for Couplers

Description	Aluminum	
	Part #	Price/E
for use with 1½" and 2" dry disconnect couplers	DBCL-200	\$106.70
for use with 3" dry disconnect couplers	DBCL-300	106.70



DBCL-200

Dry Break Cam and Groove Dry Disconnect Couplings Adapters

Features:

- compatible with most cam and groove style dry disconnects
- helps prevent spillage from normal or accidental disconnects
- spring loaded sealing device snaps closed should valve become disconnected with the poppet open
- contact Dixon™ at 800-355-1991 for chemical compatibility, size, material selection and special configurations

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Features:

- two-piece adapter design for easy rebuilding of adapters
- fully interchangeable with Kamvalok (OPW trademark) style fittings
- aluminum fittings have aluminum nose piece and brass piston
- for pressure ratings at other temperatures, contact Dixon™

adapter x female NPT



adapter x 1/2" and 2" female NPT



adapter x 3" female NPT

Female NPT	Adapter Size	Seal	Max PSI at 70°	Aluminum		Stainless Steel ¹	
				Part #	Price/E	Part #	Price/E
1 1/2"	2"	Buna	210	DBA11-150	\$205.70	DBA71-150	\$500.90
2"	2"		150	DBA11-1520	214.75	---	---
2"	2 1/2"		150	DBA11-200	222.95	DBA71-200	573.85
3"	4"		120	DBA11-300	435.55	DBA71-300	1284.45
1 1/2"	2"	FKM	210	DBA12-150	210.10	DBA72-150	500.90
2"	2"		150	DBA12-1520	224.15	---	---
2"	2 1/2"		150	DBA12-200	229.40	DBA72-200	643.75
3"	4"		120	DBA12-300	449.45	DBA72-300	1302.45
1 1/2"	2"	PTFE Encapsulated Silicone	210	DBA63-150	276.85	DBA73-150	506.35
2"	2 1/2"		150	DBA63-200	319.60	DBA73-200	648.15
3"	4"		120	DBA63-300	479.45	DBA73-300	1510.20
1 1/2"	2"	EPT	210	DBA64-150	255.70	DBA74-150	519.40
2"	2 1/2"		150	DBA64-200	291.70	DBA74-200	573.85
3"	4"		120	DBA64-300	559.30	DBA74-300	1416.25
1 1/2"	2"	FFPM	210	DBA66-150	878.90	DBA76-150	1174.60
2"	2 1/2"		150	DBA66-200	1084.05	DBA76-200	1298.45
3"	4"		120	DBA66-300	1877.70	DBA76-300	2876.40
1 1/2"	2"	PTFE Encapsulated FKM	210	---	---	DBA77-150	557.35
2"	2 1/2"		150	---	---	DBA77-200	679.20
3"	4"		120	---	---	DBA77-300	1376.35
3"	4"	FKM-B	120	DBA69-300	687.20	---	---

adapter x 150# ASA flange



Flange Size	Adapter Size	Body Size	Seal	Max PSI at 70°	Stainless Steel ¹	
					Part #	Price/E
2"	2"	1 1/2"	PTFE Encapsulated Silicone	150	DBAF72-1520	\$1172.35
		1 1/2"			DBAF73-1520	1184.00
		1 1/2"			DBAF74-1520	1184.00
		1 1/2"			DBAF76-1520	1717.55
2"	2 1/2"	2"	PTFE Encapsulated Silicone	150	DBAF72-200	1210.85
		2"			DBAF73-200	1221.10
		2"			DBAF74-200	1221.10
		2"			DBAF76-200	1928.50
3"	4"	3"	PTFE Encapsulated Silicone	120	DBAF72-300	1928.60
		3"			DBAF73-300	2010.15
		3"			DBAF74-300	2010.15
		3"			DBAF76-300	3175.10

vapor adapter x female thread



Female NPSM	Adapter Size	Seal	Max PSI at 70°	Stainless Steel ¹	
				Part #	Price/E
2"	3"	PTFE	150	DBAV73-2030	\$685.45

¹ stainless steel corrosion resistance is comparable to 304 stainless steel

Dust Cap for Adapters



Size	Aluminum		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
2"	G200-DC-AL	\$12.40	G200-DC-SS	\$56.90
2 1/2"	G250-DC-AL	20.70	G250-DC-SS	78.45
4"	G400-DC-AL	29.25	G400-DC-SS	126.05

Cam and Groove Actuator Style Couplers

Applications:

- suited for vapor recovery, suction pump line and other applications where it is necessary to easily drain the hose or pipe for cleaning
- can also be used when product retention in a hose or pipe is desired and damage from accidental spill from an open coupler is not a concern
- couplers work with the DBA (Dry Break cam and groove) popped adapters on page 96 in applications where automatic closure for the coupler is not desired

Features:

- 316 stainless steel body
- 304 stainless steel internal components
- EZ Boss-Lock™ cam arms
- stainless steel locking lever standard
- available with Buna, FKM, FKM-B, EPDM, FFPM, PTFE encapsulated silicone and PTFE encapsulated FKM seals
- use with standard cam and groove dust plugs sized one size larger than the dry disconnect size
- prevents spillage from normal and accidental disconnection of the connection
- replacement parts are available, contact Dixon™ for more information



Female NPT	Coupler Size	Seal Material	Stainless Steel	
			Part #	Price/E
1½"	2"	Buna	D2C71-150	\$1030.85
2"	2½"		D2C71-200	1135.10
1½"	2"	FKM	D2C72-150	1051.40
2"	2½"		D2C72-200	1156.90
1½"	2"	PTFE Encapsulated Silicone	D2C73-150	1272.75
2"	2½"		D2C73-200	1347.35
1½"	2"	EPDM	D2C74-150	1030.85
2"	2½"		D2C74-200	1135.10
1½"	2"	PTFE Encapsulated FKM	D2C77-150	1272.75
2"	2½"		D2C77-200	1347.35
1½"	2"	FKM-B	D2C79-150	1102.90
2"	2½"		D2C79-200	1214.60

Dry Gas Couplings

Applications:

- Designed for safe loading and discharge of bobtails or intermediate bulk delivery trucks and transfer to and from rail cars. Quick and easy to connect, can be connected to a tank unit with pressures up to **225 PSI** at ambient temperature (70°F). If the pressure is higher you can equip the couplings with a pressure relief valve. The easy to connect pressure relief valve dissipates trapped fluid pressure into the hose coupler without spillage. The primary application for dry gas couplings is in the handling of LPG - Propane and Butane.

D

Features:

- safe handling of LPG
- reliable and easy to maintain
- can be coupled to a tank unit with pressures up to 225 PSI
- minimizes the risk of cold burns
- minimizes spillage and product loss
- minimizes health risks
- keeps the environment free of hazardous vapors and liquids
- compatible with existing dry disconnect couplings
- stainless steel and brass / gunmetal (*produced to US government bronze specification G*)
- FKM (FPM) seals
- female NPT, female ACME and ASA flanges
- working pressure: **360 PSI** at ambient temperature (70°F)
- composite (Polyeten PE-HD 300) plug to provide good protection in harsh environments



Coupler - Hose Unit

coupler x female NPT with FKM (FPM) seals

Female NPT	Body Size	316 Stainless Steel	
		Part #	Price/E
1"	56 mm	DGC100SS	\$2783.10
2"	71 mm	DGC200SS	4193.15
3"	119 mm	DGC300SS	5918.45



Dust Plugs for Couplers

Size	Body Size	Polyeten PE-HD 300	
		Part #	Price/E
1"	56 mm	DGDP100	\$100.85
2"	71 mm	DGDP200	115.90
3"	119 mm	DGDP300	115.90



female NPT x adapter

Adapter - Tank Unit

adapter x female NPT with FKM (FPM) seals

Female NPT	Body Size	316 Stainless Steel	
		Part #	Price/E
1"	56 mm	DGA100SS	\$999.20
2"	71 mm	DGA200SS	1301.95
3"	119 mm	DGA300SS	1439.95



female Acme x adapter

adapter x female ACME thread with FKM (FPM) seals

Female ACME	Body Size	316 Stainless Steel	
		Part #	Price/E
1 3/4"	56 mm	DGA100SS175	\$1217.25
3 1/4"	71 mm	DGA200SS325	1612.80



150# flange x adapter

adapter x 150# ASA flange with FKM (FPM) seals

150# Flange	Body Size	316 Stainless Steel	
		Part #	Price/E
1"	56 mm	DGA100SSFL	\$1637.70
2"	71 mm	DGA200SSFL	1742.80
3"	119 mm	DGA300SSFL	2010.60

Dust Caps for Adapters



Size	Body Size	Material	Part #	Price/E
1"	56 mm	polyeten PE-HD300	DGDC100	\$94.65
2"	71 mm	rubber	DGDC200	100.85
3"	119 mm	rubber	DGDC300	119.60

FloMAX Part Number Cross-reference

Standard Series Connectors

Dixon™ Part #	Caterpillar® Part #	Wiggins Part #
<i>Engine Oil Nozzles</i>		
ENBL	9S9273	OS2
ENBL-P	---	OSP2
ENBL-PLUG	9S9274	OP-12
ERJ	---	ON6
<i>Engine Oil Receivers</i>		
ERS	9S9271	ON2
ERS-C	---	ONC2A
ERS-CAP	9S9272	O3B12P
<i>Coolant Fluid Nozzles</i>		
CN	108-5455	EC280B8
CN-P	---	---
CN-PLUG	108-5456	1209-8
<i>Coolant Fluid Receivers</i>		
CR-S	IQ5459	EC285A8
CR-C	---	---
CR-CAP	5P3587	1208-8
<i>Hydraulic Oil Nozzles</i>		
HN	108-5433	6000B12
HN-P	---	---
HN-PLUG	---	6009-12
<i>Hydraulic Oil Receivers</i>		
HR	108-5454	6005A12
HR-C	---	---
HR-CAP	IQ-5468	6008-12
<i>Transmission Fluid Nozzles</i>		
TN	126-7538	C-1807
TN-P	---	---
TN-PLUG	---	P-1844
<i>Transmission Fluid Receivers</i>		
TR	108-5456	P-1804
TR-C	---	---
R-CAP	SP3587	P-1880

Fuel Vent Series

Dixon™ Part #	Caterpillar® Part #	Wiggins Part #
VT	6G7803	ZV10
VT7	---	---
VT9	---	---
VTT	SV6106	ZV10C

R Series Connectors

Dixon™ Part #	Caterpillar® Part #	Wiggins Part #
<i>Engine Oil Nozzles</i>		
R-EN	126-7539	R15
R-EN-P	---	---
R-EN-PLUG	---	---
<i>Engine Oil Receivers</i>		
R-ER	---	R16
R-ER-C	---	---
R-ER-CAP	110-8826	---
<i>Coolant Fluid Nozzles</i>		
R-CN	127-9087	R11
R-CN-P	---	---
R-CN-PLUG	---	---
<i>Coolant Fluid Receivers</i>		
R-CR	---	R12
R-CR-C	---	---
R-CR-CAP	---	---
<i>Hydraulic Oil Nozzles</i>		
R-HN	127-9088	R17
R-HN-P	---	---
R-HN-PLUG	---	---
<i>Hydraulic Oil Receivers</i>		
R-HR	118-0166	R18
R-HR-C	---	---
R-HR-CAP	118-0165	---
<i>Transmission Fluid Nozzles</i>		
R-TN	126-7538	R13
R-TN-P	---	---
R-TN-PLUG	---	---
<i>Transmission Fluid Receivers</i>		
R-TR	---	R14
R-TR-C	---	---
R-TR-CAP	110-8318	---

Diesel Fueling System

Dixon™ Part #	Caterpillar® Part #	Wiggins Part #
<i>Nozzles</i>		
FN600	---	ZZF150
FN600BL	4C6716	ZZ9A1
FN600B-PLUG	---	---
FN600B	---	---
<i>Receivers</i>		
FRS	2G9000	ZN2A
FRS-C	---	ZNC2A
FRA	269000	ZN2A
FRA-C	---	ZNC2A
FR-CAP	9D0630	ZC20P
FR-RS	---	---
FR-RS-C	---	---
FR-RS-R	---	---
GFR-0	---	ZN6A
GFR-45	---	---
GFR-90	---	ZN6B
GFR1-0	---	ZN6B
GFR1-45	---	---
GFR1-90	---	ZN6B
FNS	---	ZS9
FNS2	---	---
FN600S	---	---
FNSID	---	---

FloMAX Diesel Fueling System

Application:

- designed for on-site refueling of construction, mining, forestry and agricultural equipment

Diesel Fuel Nozzles

D



Features:

- 1½" female NPT
- tested to 180 gallons per minute
- integrated high flow swivel and sealing plug
- plug/bumper assembly gives complete nose seal
- investment cast aluminum housing
- anodized aluminum non-wear parts
- stainless steel wear components
- Delron® bushings eliminate metal-to-metal wear
- stainless steel dog latch mechanism and ball lock styles available
- interchanges with Caterpillar® and Wiggins systems

Description	Part #	Price/E
dog latch mechanism with sealing plug	FN600	\$2443.65
ball lock with sealing plug	FN600BL	2443.65
sealing plug for FN600	FN600B-PLUG	174.55
sealing plug for FN600BL	FN600B	174.55

Diesel Fuel Receivers

Features:

- 2" male NPT
- O-ring sealed aluminum cap
- cap has set screw attached vinyl coated cable lanyard

one-piece body

Description	Material	Part #	Price/E
one-piece receiver without cap	nickel-plated steel	FRS	\$340.40
one-piece receiver with cap	nickel-plated steel	FRS-C	392.75
one-piece receiver without cap	anodized aluminum	FRA	340.40
one-piece receiver with cap	anodized aluminum	FRA-C	392.75
cap for receiver	anodized aluminum	FR-CAP	117.85

two-piece body

Description	Part #	Price/E
two piece receiver with removable stainless sleeve without cap	FR-RS	\$584.75
two piece receiver with removable stainless sleeve with cap	FR-RS-C	637.10
removable sleeve replacement for two piece receiver	FR-RS-R	192.00
cap for receiver	FR-CAP	117.85



Non-Interchange Diesel Fuel Nozzle & Receiver

Application:

- often used in biodiesel fueling

Features:

- designed to prevent fuel contamination
- connects to the non-interchange receiver only.
- ball lock design



Description	Part #	Price/E
ball lock fuel nozzle	FN600BL-NI	\$2807.00



Description	Material	Part #	Price/E
one-piece receiver with cap	anodized aluminum	FRA-NI-C	\$451.00

FloMAX Diesel Fueling System

2" Diesel Fuel Nozzles

Features:

- 2" female NPT
- integrated high flow swivel and sealing plug available
- stainless steel ball lock design
- tested to 400 gallons per minute

Materials:

- housing: aluminum
- non-wear parts : anodized aluminum
- internal wear components: stainless steel
- bushings: Delron®



D

Description	Part #	Price/E
2" fuel nozzle - no swivel, no plug	FX1500	\$4352.75
2" fuel nozzle - no swivel, with plug	FX1500P	4501.10
2" fuel nozzle - with swivel, no plug	FX1500S	4570.95
2" fuel nozzle - with swivel, with plug	FX1500SP	4719.30
2" sealing plug for FX1500	FX1500PLUG	207.30

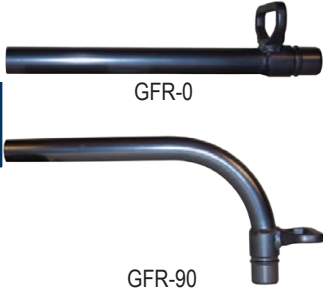
2" Diesel Fuel Receivers

Description	Part #	Price/E
2" diesel fuel receiver	FRX	\$652.40
2" fuel receiver with cap	FRX-C	761.50
2" cap for receiver	FRXCAP	152.75



FloMAX Diesel Fueling System Diesel Fuel Gravity Fill Receivers

D



Feature:

- used with the FN600 or FN600BL to convert to gravity fueling

Size	Description	Anodized Aluminum	
		Part #	Price/E
1 3/8"	straight	GFR-0	\$440.75
1 3/8"	45°	GFR-45	466.95
1 3/8"	90°	GFR-90	466.95
1"	straight	GFR1-0	466.95
1"	45°	GFR1-45	488.75
1"	90°	GFR1-90	488.75

FloMAX Fuel Vents



Features:

- 2" male NPT
- billet cap provides superior impact resistance
- easily serviced all metal construction
- rigid ball cage for positive seal
- available with: threaded outlet, half coupling and anti-vandalism mounting

Description	Part #	Price/E
vent with 5" tube	VT	\$405.85
vent with 7" tube	VT7	418.95
vent with 9" tube	VT9	432.00
vent with 5" tube and threaded outlet	VTT	453.85

High Flow FloMAX Fuel Vents



Feature:

- 7" tubes are available, contact Dixon™ for more information

Description	Part #	Price/E
high flow fuel vent with 5" tube	VTX	\$754.95
high flow fuel vent with 9" tube	VTX-9	789.85

Diesel Fuel Swivels



Features:

- stainless steel male threaded base and ball bearings
- hard black anodized female threaded nut
- fluorosilicone sealing O-rings

Thread Size	Description	Part #	Price/E
1 1/2" male NPT x 1 1/2" female NPT	standard	FNS	\$314.20
2" male NPT x 1 1/2" female NPT	standard	FNS2	327.30
1 1/2" female NPT x 1 1/2" female NPT	double	FNSID	353.50
1 1/2" male NPS x 1 1/2" female NPT	standard	FN600S¹	314.20

¹ used with FN600 or FN600BL

FloMAX Service Box



receivers sold separately

Features:

- Designed to enclose receivers for diesel fuel, hydraulic oil, transmission fluid and coolant reducing contamination and weather related problems.
- normally installed on heavy duty earth mover equipment and drill rigs
- 12 gauge steel construction with heavy duty hinges
- painted white - Imron® Primer

Part #	Price/E
FSB	\$1669.85

FloMAX Standard Series Connectors

Features:

- series connectors consist of four color-coded mating connectors
- all-metal construction with stainless steel wear components and anodized aircraft grade aluminum non-wear components
- easily recognizable labeling
- fully compatible and interchangeable with industry standards

Engine Oil (red)

Features:

- universally fits both R-series and Standard series crankcase receivers
- incorporates 10 locking balls with a 40% deeper engagement
- resistant to clogging with a greater ease of cleaning
- smooth actuation
- larger diameter pullback lanyard
- bright red anodized aircraft grade aluminum

Nozzles

Male Thread	Description	Anodized Aluminum	
		Part #	Price/E
3/4" NPT	engine nozzle ball lock	ENBL	\$558.55
3/4" NPT	engine nozzle ball lock with plug	ENBL-P	610.95
---	engine nozzle plug	ENBL-PLUG	96.00



Receivers

Male Thread	Description	Anodized Aluminum	
		Part #	Price/E
3/4" NPT	engine receiver	ERS	\$240.00
3/4" NPT	engine receiver with cap	ERS-C	296.75
---	engine receiver cap	ERS-CAP	96.00
3/4" JIC	engine receiver with JIC bulkhead base	ERJ	309.85
3/4" JIC	engine receiver with JIC bulkhead base and cap	ERJ-C	362.20



ERJ-C

Coolant Fluid (teal)

Features:

- clear anodized aircraft grade aluminum wear surfaces
- standard roll-pin locking mechanism
- ergonomically engineered pullbacks and caps
- bright teal anodized aircraft grade aluminum

Nozzles

Male Thread	Description	Anodized Aluminum	
		Part #	Price/E
1/2" NPT	coolant nozzle ball lock	CN	\$370.95
1/2" NPT	coolant nozzle ball lock with plug	CN-P	423.30
---	coolant nozzle plug	CN-PLUG	96.00



Receivers

Male Thread	Description	Anodized Aluminum	
		Part #	Price/E
1/2" NPT	coolant receiver	CR-S	\$213.85
1/2" NPT	coolant receiver with cap	CR-C	266.20
---	coolant receiver cap	CR-CAP	96.00



FloMAX Standard Series Connectors

Features:

- series connectors consist of four color-coded mating connectors
- all-metal construction with stainless steel wear components and anodized aircraft grade aluminum non-wear components
- easily recognizable labeling
- fully compatible and interchangeable with industry standards

D

Hydraulic Oil (gold)

Features:

- clear anodized aircraft grade aluminum wear surfaces
- 10 steel dog latching mechanism
- ergonomically engineered pullbacks and caps
- bright gold anodized aircraft grade aluminum

Nozzles



Female Thread	Description	Anodized Aluminum	
		Part #	Price/E
3/4" NPT	hydraulic nozzle	HN	\$558.55
3/4" NPT	hydraulic nozzle with plug	HN-P	610.95
---	hydraulic nozzle plug	HN-PLUG	96.00

Receivers



Male Thread	Description	Anodized Aluminum	
		Part #	Price/E
3/4" NPT	hydraulic receiver	HR	\$449.50
3/4" NPT	hydraulic receiver with cap	HR-C	506.20
---	hydraulic receiver cap	HR-CAP	96.00

Transmission Fluid (violet)

Features:

- clear anodized aircraft grade aluminum wear surfaces
- 6 steel dog latching mechanism
- ergonomically engineered pullbacks and caps
- bright violet anodized aircraft grade aluminum

Nozzles



Male Thread	Description	Anodized Aluminum	
		Part #	Price/E
1/2" NPT	transmission nozzle	TN	\$501.85
1/2" NPT	transmission nozzle with plug	TN-P	554.20
---	transmission nozzle plug	TN-PLUG	96.00

Receivers



Female Thread	Description	Anodized Aluminum	
		Part #	Price/E
3/8" NPT	transmission receiver	TR	\$261.85
3/8" NPT	transmission receiver with cap	TR-C	318.55
---	transmission receiver cap	TR-CAP	96.00

FloMAX R Series Connectors

Features:

- fully compatible and interchangeable with industry standards
- all-metal construction using anodized aircraft grade aluminum non-wear components

Engine Oil (red)

Features:

- all metal construction
- standard roll-pin locking mechanism
- ergonomically engineered pullbacks and caps
- bright red anodized aircraft grade aluminum

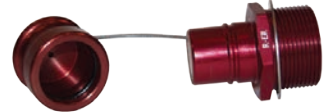
Nozzles

Female Thread	Description	Anodized Aluminum	
		Part #	Price/E
3/4" NPT	R-series engine nozzle	R-EN	\$432.00
3/4" NPT	R-series engine nozzle with plug	R-EN-P	484.40
---	R-series engine nozzle plug	R-EN-PLUG	96.00



Receivers

Male Thread	Female Thread	Description	Anodized Aluminum	
			Part #	Price/E
1.625-12 UN-2A	1.312-12 UN-2B	R-series engine receiver	R-ER	\$187.65
1.625-12 UN-2A	1.312-12 UN-2B	R-series engine receiver with cap	R-ER-C	244.40
---	---	R-series engine receiver cap	R-ER-CAP	96.00



Coolant (teal)

Features:

- all metal construction
- standard roll-pin locking mechanism
- ergonomically engineered pullbacks and caps
- bright teal anodized aircraft grade aluminum

Nozzles

Female Thread	Description	Anodized Aluminum	
		Part #	Price/E
1/2" NPT	R-series coolant nozzle	R-CN	\$405.85
1/2" NPT	R-series coolant nozzle with plug	R-CN-P	458.20
---	R-series coolant nozzle plug	R-CN-PLUG	96.00



Receivers

Male Thread	Female Thread	Description	Anodized Aluminum	
			Part #	Price/E
1.187-12 UN-2A	.875-14 UN-2B	R-series coolant receiver	R-CR	\$157.10
1.187-12 UN-2A	.875-14 UN-2B	R-series coolant receiver with cap	R-CR-C	213.85
---	---	R-series coolant receiver cap	R-CR-CAP	96.00



D

FloMAX R Series Connectors

Features:

- fully compatible and interchangeable with industry standards
- all-metal construction using anodized aircraft grade aluminum non-wear components

D

Hydraulic Oil (gold)

Features:

- all metal construction
- standard roll-pin locking mechanism
- ergonomically engineered pullbacks and caps
- bright gold anodized aircraft grade aluminum

Nozzles



Female Thread	Description	Anodized Aluminum	
		Part #	Price/E
1" NPT	R-series hydraulic nozzle	R-HN	\$471.30
1" NPT	R-series hydraulic nozzle with plug	R-HN-P	528.00
---	R-series hydraulic nozzle plug	R-HN-PLUG	96.00

Receivers



Male Thread	Female Thread	Description	Anodized Aluminum	
			Part #	Price/E
1.875-12 UN-2A	1.625-12 UN-2B	R-series hydraulic receiver	R-HR	\$235.65
1.875-12 UN-2A	1.625-12 UN-2B	R-series hydraulic receiver with cap	R-HR-C	292.40
---	---	R-series hydraulic receiver cap	R-HR-CAP	96.00

Transmission Fluid (violet)

Features:

- all metal construction
- standard roll-pin locking mechanism
- ergonomically engineered pullbacks and caps
- bright violet anodized aircraft grade aluminum

Nozzles



Female Thread	Description	Anodized Aluminum	
		Part #	Price/E
3/4" NPT	R-series transmission nozzle	R-TN	\$384.00
3/4" NPT	R-series transmission nozzle with plug	R-TN-P	436.40
---	R-series transmission nozzle plug	R-TN-PLUG	96.00

Receivers



Male Thread	Female Thread	Description	Anodized Aluminum	
			Part #	Price/E
1.312-12 UN-2A	1.062-12 UN-2B	R-series transmission receiver	R-TR	\$174.55
1.312-12 UN-2A	1.062-12 UN-2B	R-series transmission receiver with cap	R-TR-C	231.30
---	---	R-series transmission receiver cap	R-TR-CAP	96.00

FloMAX 3/4" Series

Features:

- 6 nozzle and receiver sets color coded for quick identification of mating parts; each color nozzle and receiver only couples with matching color component providing complete protection against cross contamination
- maximum flow rate: 50 GPM at 40 PSI
- working pressure rating: **200 PSI**

Nozzles

Male Thread	Description	Anodized Aluminum	
		Part #	Price/E
3/4" NPT	red nozzle with plug	ENBL-P	\$610.95
	gold nozzle with plug	ENBL-P2	610.95
	teal nozzle with plug	ENBL-P3	610.95
	violet nozzle with plug	ENBL-P4	610.95
	navy nozzle with plug	ENBL-P5	610.95
	copper nozzle with plug	ENBL-P6	610.95



Receivers

Male Thread	Description	Anodized Aluminum	
		Part #	Price/E
3/4" NPT	red receiver with cap	ERS-C	\$296.75
	gold receiver with cap	ERS-C2	296.75
	teal receiver with cap	ERS-C3	296.75
	violet receiver with cap	ERS-C4	296.75
	navy receiver with cap	ERS-C5	296.75
	copper receiver with cap	ERS-C6	296.75



- ERS series is available with JIC bulkhead base, substitute 'J' for 'S', example: ERJ-C2

FloMAX High Flow 1" Series

Features:

- 7 nozzle and receiver sets color coded for quick identification of mating parts; each color nozzle and receiver only couples with matching color component provides complete protection against cross contamination
- nozzle/receiver combination has a flow area equivalent to a 1" schedule 80 pipe
- working pressure: **500 PSI** with burst pressure: **1500 PSI**
- all wear parts are stainless steel providing long life and corrosion resistance
- all non-wear parts are colored anodized aircraft grade aluminum providing high strength, lightweight and corrosion resistance
- standard nozzle mounting is a 1" female NPT and for the receiver a 1" male NPT; receivers supplied with 1" female NPT threaded base
- nozzle incorporates a "ball lock" mechanism ensuring smooth and reliable operation
- nozzle length: 3.90" (99 mm)
- receiver length: 3.44" (87 mm)
- nozzle and receiver coupled length: 5.44" (138 mm)
- diameter: 2.50" (64 mm)
- hex size: 2" (51 mm)

Nozzles

Female NPT	Description	Anodized Aluminum	
		Part #	Price/E
1"	red nozzle with plug	HFN-P1	\$685.10
	gold nozzle with plug	HFN-P2	685.10
	teal nozzle with plug	HFN-P3	685.10
	violet nozzle with plug	HFN-P4	685.10
	navy nozzle with plug	HFN-P5	685.10
	copper nozzle with plug	HFN-P6	685.10
	blue/gray nozzle with plug	HFN-P7	685.10



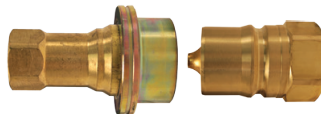
Receivers

Male NPT	Description	Anodized Aluminum	
		Part #	Price/E
1"	red receiver with cap	HFR-C1	\$432.00
	gold receiver with cap	HFR-C2	432.00
	teal receiver with cap	HFR-C3	432.00
	violet receiver with cap	HFR-C4	432.00
	navy receiver with cap	HFR-C5	432.00
	copper receiver with cap	HFR-C6	432.00
	blue/gray receiver with cap	HFR-C7	432.00



Products Recommended for Steam Service

Quick Disconnect Fittings



- available in solid brass with stainless steel springs and locking balls
- sizes ¼" through 1½"
- for more information see page 109

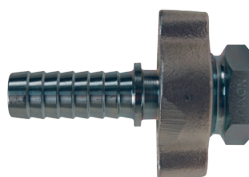
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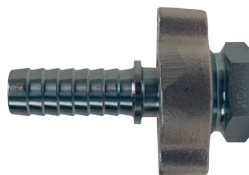
Dry Disconnect Fittings

- available in stainless steel, with EPDM seals
- sizes ¾", 1", 1½" and 2"
- for more information see page 109

GJ Boss™ Female Ground Joint Fittings



- available in plated steel and/or iron
- sizes ¼" through 6"
- for more information see page 111



Boss™ Female Washer Seal Fittings

- available in plated steel and/or iron
- sizes ⅜" through 3"
- for more information see page 114

Boss™ Male Stems



- available in steel bar stock sizes ¼" through 1"; iron in sizes 1¼" through 4"; 316 stainless steel in sizes ½" through 4" and brass in sizes ¾" through 3"
- for more information see page 115

Boss™ Clamps



- 2-bolt and 4-bolt style available in plated iron in sizes ¼" through 3"; stainless steel in sizes ½" through 3" and brass in sizes ½" through 2"
- three-piece style are available in plated iron in sizes 3" through 6"
- for more information see pages 116 and 117

180° Steam Gauge Siphons



- available in steel and red brass pipe
- ¼" NPT schedule 40 steel, welded
- for more information see page 284

250 PSIG Steam Ball Valves



- available in bronze with 316 stainless steel ball and stem
- sizes ½" through 2"
- for more information see page 680



Note: Pressurized steam is an extremely dangerous commodity. Only hose, fittings, clamps and accessory items that have been approved for steam service should ever be used! Never use an unapproved item for steam service. Always follow the manufacturer's product recommendations for pressurized steam handling.

Steam Quick Disconnect Couplings

Applications:

- designed exclusively for steam applications

Features:

- coupler and plug are solid brass with stainless steel springs and locking balls
- coupler has a large plated steel sleeve designed for easier gripping with gloves
- two ethylene propylene O-rings in the coupler and one ethylene propylene O-ring in the plug provide double protection against leaks
- rated to **200 PSI** gauge saturated steam (**388°F**)



Warning: Do Not Disconnect Under Pressure!

poppet valve couplers

Body Size	Female NPT Size	Part #	Price/E
1/4"	1/4"	B16-200S	\$44.92
3/8"	3/8"	B16-300S	48.39
1/2"	1/2"	B16-400S	67.52
3/4"	3/4"	B16-600S	105.71
1"	1"	B16-800S	171.63
1 1/2"	1 1/2"	B16-1200S	459.94



poppet valve plugs

Body Size	Female NPT Size	Part #	Price/E
1/4"	1/4"	B17-200S	\$13.87
3/8"	3/8"	B17-300S	19.63
1/2"	1/2"	B17-400S	24.67
3/4"	3/4"	B17-600S	43.32
1"	1"	B17-800S	56.64
1 1/2"	1 1/2"	B17-1200S	356.40



Dry Disconnect Fittings for Steam Service

Applications:

- designed to fit hoses carrying steam used in chemical (heating), pharmaceutical (disinfection and sterilization) and at loading bays

Features:

- coupling housing and all inner parts: stainless steel
- seals: EPDM 291, other materials available, contact Dixon™
- unintentional separation is eliminated preventing accidents and avoiding unintended down time
- performance unaffected by surface rust
- lockable versions are available on 1 1/2" and 2", contact Dixon™
- couplers supplied with double handles

coupler x female NPT

Female NPT	Body Size	316 Stainless Steel Part #	Price/E
3/4"	56 mm	DDSC075SS	\$2956.30
1"	56 mm	DDSC100SS	2956.30
1 1/2"	70 mm	DDSC150SS	3560.45
2"	70 mm	DDSC200SS	3560.45



adapter x female NPT

Female NPT	Body Size	316 Stainless Steel Part #	Price/E
3/4"	56 mm	DDSA075SS	\$832.10
1"	56 mm	DDSA100SS	832.10
1 1/2"	70 mm	DDSA150SS	1215.60
2"	70 mm	DDSA200SS	1215.60



Boss™ Coupling System

Features: The spud part of the coupling serves as one half of the connection and is usually fixed to the equipment. The stem part that is clamped to the hose is the other half. The two halves are connected or disconnected by rotating the wing nut onto the spud. When connected they achieve both a mechanical, and a pressure seal.

E

Services: Boss™ couplings are all-purpose hose couplings, universally recommended for steam hose connections. They are also widely used for air, water, fluid petroleum, chemicals and liquid petroleum gas up to 1" ID. Boss™ couplings can be applied to many types of rubber, synthetic, plastic, metallic or semi-metallic hose. Consult Dixon™ for specific media capabilities.

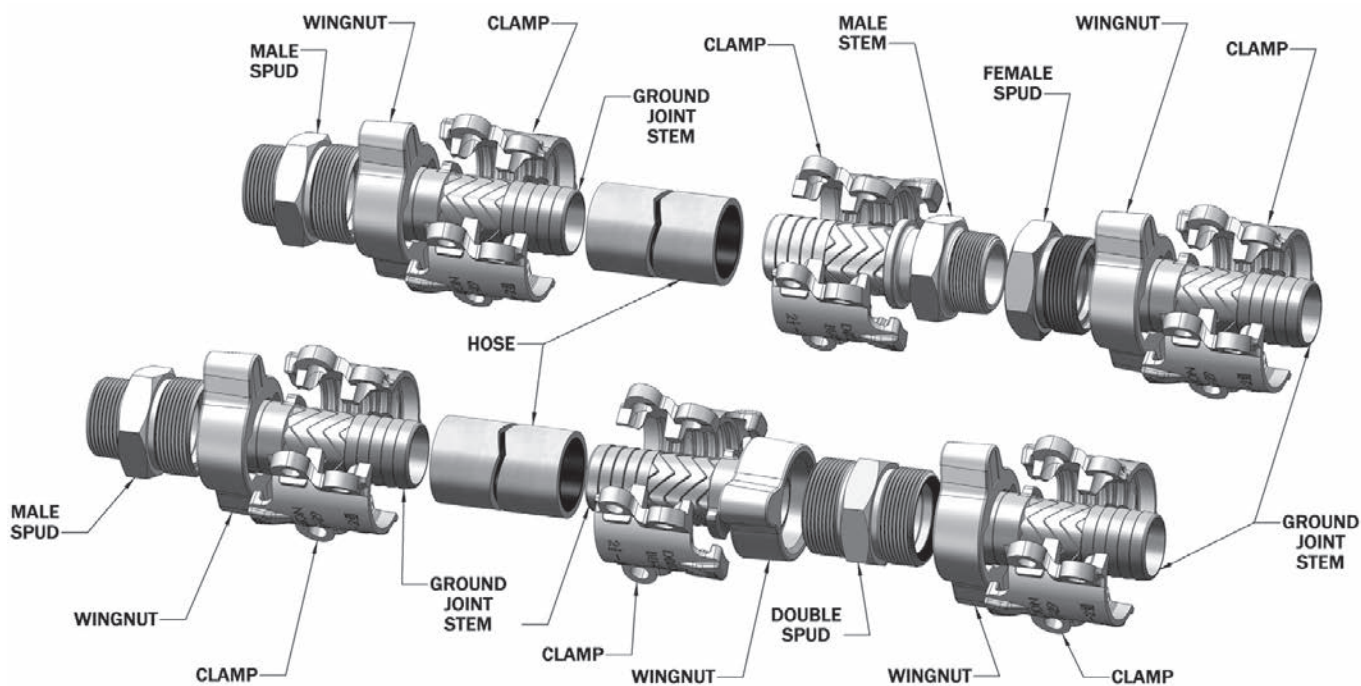
Purpose: Boss™ couplings supply a convenient threaded fitting to connect two lengths of hose, or a single length to a male or female threaded (NPT) outlet.

Material:

- stem: ¼" - 1" plated steel, 1¼" - 4" plated iron, 6" tubular steel
- spud: ¼" - 1" plated steel, 1¼" - 6" plated iron
- wing nut: ¼" plated steel, ⅜" - 6" plated iron

Seal Types:

- ground joint: copper or polymer seats
- washer: Klingersil® C-4401

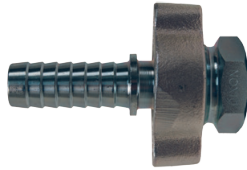
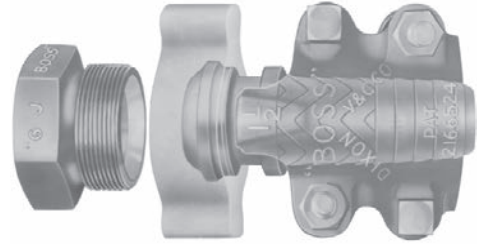


Worn-out hose couplings can be dangerous. They should be checked regularly and replaced when necessary. Each coupling user should review applications and add safety devices where indicated.

GJ Boss™ Ground Joint Seal

Features:

- positive metal-to-polymer seal
- leakproof seal forms when the metal head of the stem makes contact with the patented polymer seat in the spud
- non-metallic polymer seat resists most chemicals found in manufacturing facilities (reference corrosion resistance chart on pages 818-823)
- recommended for steam service up to **450°F**
- easy to seal
- *plated steel and / or iron*
- use with Boss™ clamps found on pages 116 and 117.



complete female



stem



wing nut



knurled nut

Hose Shank x NPT	Part #	Price/E	Part #	Price/E	Opt Qty	Part #	Price/E	Opt Qty	Part #	Price/E	Opt Qty
1/4"	GF1 ¹	\$49.85	GBA	\$18.75	100	SLS4	\$12.10	100	---	---	--
3/8"	GF3 ¹	42.65	GCA	8.90	100	CB	11.80	100	---	---	--
1/2"	GF6	33.50	GB1	7.40	100	B2	7.85	100	---	---	--
1/2" x 3/4"	GF26-1	43.40	GB6-1	17.20	50	B12	10.30	25	---	---	--
3/4"	GF26	40.70	GB6	14.50	50	B12	10.30	25	KB12	\$15.45	25
1"	GF36	41.70	GB11	15.20	50	B12	10.30	25	KB12	15.45	25
1 1/4"	GF51	78.80	GB16	23.60	25	B17	19.00	25	---	---	--
1 1/2"	GF61	75.50	GB21	22.25	25	B17	19.00	25	---	---	--
2"	GF81 ²	91.35	GB26 ^{2,4}	25.00	10	B27	30.35	10	---	---	--
2 1/2"	GF96	215.50	GB31	56.85	5	B32	68.80	5	---	---	--
3"	GF111	246.40	GB36 ³	90.00	5	B37	59.30	5	---	---	--
4"	GF141	500.00	GB46	160.60	5	B47	168.00	5	---	---	--
6"	GF201 ¹	1183.25	GB66	365.00	2	B67	248.25	2	---	---	--

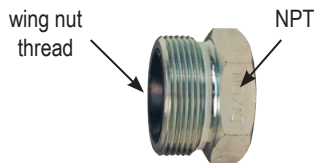


¹ 1/4", 3/8" and 6" available only with copper seat spuds

² not to be used with #250, #275 or #306 Boss™ clamps

³ GB36 has a machined shank to accept a Boss™ clamp, King Crimp™ sleeve or a ferrule

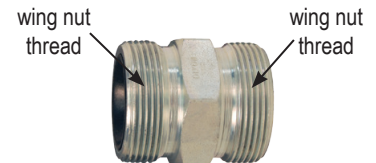
⁴ GB26 will be replaced with GB26CR, this replacement part will have a machined hose shank to accommodate a Boss™ clamp, King Crimp™ sleeve or ferrule



female spud



male spud



double spud

Thread	Part #	Price/E	Opt Qty	Part #	Price/E	Part #	Price/E
1/4"	GBC ¹	\$19.00	100	---	---	---	---
3/8"	GCC ¹	21.95	100	GMC ¹	\$20.00	---	---
1/2"	GB3	18.25	100	GM3	22.90	GDB3	\$36.00
3/4"	GB8	15.90	50	GM8	21.70	GDB13	35.40
1"	GB13	16.50	50	GM13	22.90	GDB13	35.40
1 1/4"	GB18	36.20	25	GM18	51.85	GDB23	61.50
1 1/2"	GB23	34.25	25	GM23	50.00	GDB23	61.50
2"	GB28	36.00	10	GM28	54.00	GDB28	66.25
2 1/2"	GB33	89.85	5	GM33	128.10	GDB33	131.35
3"	GB38	97.10	5	GM38	134.70	GDB38	137.70
4"	GB48	171.40	5	---	---	---	---
6"	GB68 ¹	570.00	2	---	---	---	---


¹ 1/4", 3/8" and 6" available only with copper seat spuds



A list of products recommended for steam service can be found on page 108.

Boss™ Holedall Fittings

Applications:

- designed for air and liquid applications where a permanent, low profile clamping system is desired
- not for steam service 

Features:

- supplied with carbon steel ferrules
- consult Dixon™ for swage and/or crimp specifications



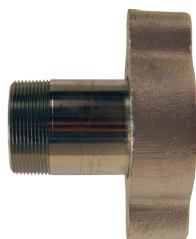
Size	Hose OD		Plated Iron / Steel		Stainless Steel	
	From:	To:	Part #	Price/E	Part #	Price/E
¾"	1-10/64"	1-14/64"	GF26P1	\$58.15	---	---
	1-15/64"	1-18/64"	GF26P2	58.15	---	---
	1-19/64"	1-22/64"	GF26P3	58.15	---	---
1"	1-30/64"	1-34/64"	GF36P1	61.55	---	---
	1-35/64"	1-38/64"	GF36P2	61.55	---	---
	1-39/64"	1-42/64"	GF36P3	61.55	---	---
1½"	1-20/64"	2"	GF61P1	128.50	RGF61P1	\$440.00
	2-1/64"	2-8/64"	GF61P2	128.50	RGF61P2	440.00
	2-9/64"	2-16/64"	GF61P3	128.50	---	---
2"	2-36/64"	2-40/64"	GF81P1	132.00	RGF81P1	580.00
	2-41/64"	2-48/64"	GF81P2	132.00	RGF81P2	580.00
	2-49/64"	2-56/64"	GF81P3	132.00	---	---
3"	3-26/64"	3-40/64"	GF111P1 ¹	355.00	---	---
	3-41/64"	3-48/64"	GF111P2 ¹	355.00	---	---
	3-49/64"	3-56/64"	GF111P3 ¹	355.00	---	---

¹ 3" have a machined shank

Boss™ Adapters

Features:

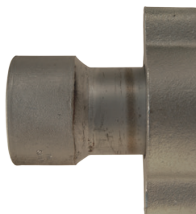
- plated steel and / or iron
- designed to fit the standard ground joint spuds on page 111
- supplied with a wing nut, as shown
- for safety tags and safety tape, see page 794



male NPT adapters

Size	Part #	Price/E
¾"	GMAS6	\$51.50
1"	GMAS11	53.70
1¼"	GMAS16	74.00
1½"	GMAS21	88.85
2"	GMAS26 ¹	92.50

¹ uses a special wing nut, part # B27-1



female NPT adapters


Size	Part #	Price/E
¾"	GFAS6	\$101.40
1"	GFAS11	110.00
1¼"	GFAS16	125.00
1½"	GFAS21 ¹	154.50
2"	GFAS26	162.00

¹ part is produced as a welded fabrication

Boss™ Wing Nut Caps

Features:

- plated steel and / or iron
- supplied with 12" chain and washer
- for best results, use with washer style spuds and washers on pages 113 and 114

 Boss™ wing nut caps are not intended for pressure applications.



Size	Part #	Price/E	Opt Qty
¾" and 1"	B12SC	\$44.60	25
1¼" and 1½"	B17SC	57.00	25
2"	B27SC	82.25	10
3"	B37SC	131.25	5

316 Stainless Steel Ground Joint

Application:

- recommended for steam service up to 450°F



complete female



stem



wing nut



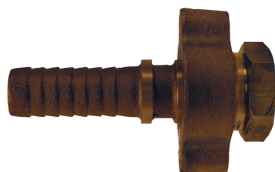
female spud

Size	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
3/4"	RGF26	\$219.30	RGB6	\$78.25	RB12	\$70.00	RGB8	\$71.05
1"	RGF36	240.70	RGB11	98.90	RB12	70.00	RGB13	71.80
1 1/4"	RGF51	354.75	RGB16	109.45	RB17	115.30	RGB18	130.00
1 1/2"	RGF61	426.15	RGB21	118.45	RB17	115.30	RGB23	192.40
2"	RGF81 ¹	560.00	RGB26 ¹	173.00	RB27	194.60	RGB28	192.40



¹ not to be used with #250, #275 or #306 Boss™ clamps

Brass Ground Joint



complete female



stem



wing nut



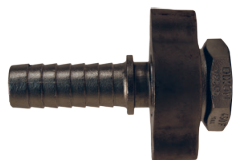
female spud

Size	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
3/4"	BGF26	\$156.95	BGB6	\$61.00	BB12	\$47.70	BGB8	\$48.45
1"	BGF36	174.30	BGB11	56.60	BB12	47.70	BGB13	70.00
1 1/4"	BGF51	227.60	BGB16	56.70	BB17	83.50	BGB18	89.90
1 1/2"	BGF61	268.50	BGB21	80.00	BB17	83.50	BGB23	105.00
2"	BGF81 ¹	437.80	BGB26 ¹	142.00	BB27	155.40	BGB28	140.40



¹ not to be used with #250, #275 or #306 Boss™ clamps

316 Stainless Steel Washer Style



complete female



stem



wing nut



female spud

washer²

Size	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
3/4"	RWF26	\$223.60	RB6	\$76.05	RB12	\$70.00	RB8	\$76.60	W12	\$0.95
1"	RWF36	233.15	RB11	84.80	RB12	70.00	RB13	77.40	W12	0.95
1 1/4"	RWF51	347.30	RB16	122.70	RB17	115.30	RB18	108.00	W17	1.30
1 1/2"	RWF61	440.40	RB21	136.30	RB17	115.30	RB23	187.50	W17	1.30
2"	RWF81 ¹	559.45	RB26 ¹	177.00	RB27	194.60	RB28	186.40	W27	1.45



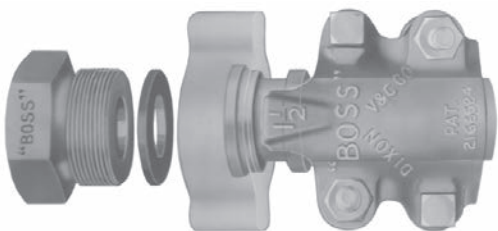
¹ not to be used with #250, #275 or #306 Boss™ clamps

² washer is nitrile rubber bonded, non-asbestos Klingsil® C-4401

- brass washer style available, consult Dixon™ for pricing and availability

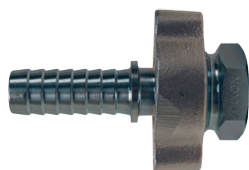
Boss™ Washer Seal

E



Features:

- recommended for steam service up to **450°F**
- easy to seal
- Klingsil® C-4401 washer is inserted between the stem and spud
- leakproof seal forms by rotating the wing nut and hammering it tight
- *plated steel and / or iron*
- use with Boss™ clamps found on pages 116 and 117



complete female



stem



wing nut

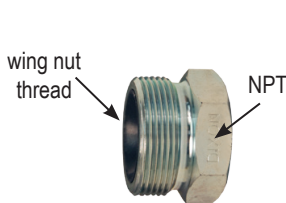


knurled nut

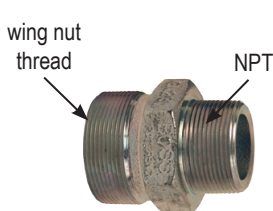
Hose Shank x NPT	Part #	Price/E	Part #	Price/E	Opt Qty	Part #	Price/E	Opt Qty	Part #	Price/E	Opt Qty
3/8"	WF3	\$32.80	SS337	\$7.45	100	CB	\$11.80	100	---	---	---
1/2"	WF6	32.60	B1	11.75	100	B2	7.85	100	---	---	---
1/2" x 3/4"	WF26-1	43.45	B6-1	19.15	50	B12	10.30	25	---	---	---
3/4"	WF26	38.90	B6	14.60	50	B12	10.30	25	KB12	\$15.45	25
1"	WF36	39.85	B11	15.75	50	B12	10.30	25	KB12	15.45	25
1-1/4"	WF51	85.80	B16	31.00	25	B17	19.00	25	---	---	---
1-1/2"	WF61	75.90	B21	25.15	25	B17	19.00	25	---	---	---
2"	WF81 ¹	95.55	B26 ¹	28.80	10	B27	30.35	10	---	---	---
2-1/2"	WF96	221.50	B31	67.90	5	B32	68.80	5	---	---	---
3"	WF111	230.40	B36	80.40	5	B37	59.30	5	---	---	---



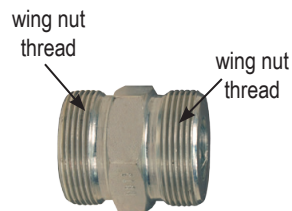
¹ not to be used with #250, #275 or #306 Boss™ clamps



female spud



male spud



double spud

washer¹

Thread	Part #	Price/E	Opt Qty	Part #	Price/E	Part #	Price/E	Part #	Price/E
3/8"	CC	\$12.85	100	WMC	\$15.20	---	---	WBC	\$0.70
1/2"	B3	12.20	100	WM3	26.55	DB3	\$23.60	W2	0.80
3/4"	B8	13.05	25	WM8	19.45	DB13	27.90	W12	0.95
1"	B13	12.85	50	WM13	23.20	DB13	27.90	W12	0.95
1-1/4"	B18	34.50	25	WM18	45.30	DB23	42.30	W17	1.30
1-1/2"	B23	30.45	25	WM23	53.85	DB23	42.30	W17	1.30
2"	B28	34.95	10	WM28	60.00	DB28	58.00	W27	1.45
2-1/2"	B33	83.15	5	---	---	---	---	W32	1.65
3"	B38	88.10	5	WM38	130.00	DB38	115.65	W37	2.60

¹ washer is nitrile rubber bonded, non-asbestos Klingsil® C-4401

Boss™ Male Stems

Features:

- recommended for steam service up to **450°F**
- use with Boss™ clamps on pages 116 and 117; for safety tags and safety tape see page 794



Hose x NPT Size	Plated Steel Bar Stock		Opt Qty	Size	Plated Iron		Opt Qty	Size	316 Stainless		Size	Brass	
	Part #	Price/E			Part #	Price/E			Part #	Price/E		Part #	Price/E
1/4" x 1/8"	MS4X2	\$9.90	100	---	---	---	---	1/2"	RMS1	\$63.55	---	---	---
1/4" x 1/4"	MSA	7.60	100	---	---	---	---	3/4"	RMS6	62.50	3/4"	BMS6	\$40.65
1/4" x 3/8"	MSB	8.50	25	---	---	---	---	1"	RMS11	64.00	1"	BMS11	54.95
3/8" x 1/4"	MS6X4	8.00	100	1 1/4"	MS16	\$24.00	20	1 1/4"	RMS16	122.00	1 1/4"	BMS16	74.80
3/8" x 3/8"	MSC	6.55	100	1 1/2"	MS21	27.60	20	1 1/2"	RMS21	122.50	1 1/2"	BMS21	91.00
3/8" x 1/2"	MS6X8	11.10	50	2"	MS26	38.25	10	2"	RMS26	133.40	2"	BMS26	139.40
1/2" x 1/4"	MS8X4	7.85	50	2 1/2"	MS31	66.60	5	2 1/2"	RMS31	250.00	---	---	---
1/2" x 3/8"	MS8X6	7.85	50	3"	MS36	90.50	5	3"	---	---	3"	BMS36	322.50
1/2" x 1/2"	MS1	6.45	50	4"	MS46	153.00	2	4"	---	---	---	---	---
1/2" x 3/4"	MS8X12	19.10	25	---	---	---	---	---	---	---	---	---	---
3/4" x 1/2"	MS12X8	14.70	25	---	---	---	---	---	---	---	---	---	---
3/4" x 3/4"	MS6	9.85	50	---	---	---	---	---	---	---	---	---	---
3/4" x 1"	MS12X16	22.00	25	---	---	---	---	---	---	---	---	---	---
1" x 3/4"	MS16X12	22.00	25	---	---	---	---	---	---	---	---	---	---
1" x 1"	MS11	14.35	25	---	---	---	---	---	---	---	---	---	---

E

LP-Boss Male Stems



male NPT end

beveled end

Size	Plated Steel		316 Stainless		Schedule 80 Plated Steel		Unplated Steel	
	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
1 1/4"	LP16	\$63.00	---	---	LP16-80 ¹	\$66.50	---	---
1 1/2"	LP21	60.00	---	---	LP21-80 ¹	69.00	---	---
2"	LP26	53.20	---	---	LP26-80 ¹	71.85	LPB26 ²	\$66.90
2 1/2"	LP31	126.50	---	---	---	---	---	---
3"	LP36	125.00	RLP36	\$221.40	---	---	LPB36 ²	115.40
4"	LP46	164.00	RLP46	375.00	---	---	---	---
6"	LP66	340.00	---	---	---	---	---	---

¹ schedule 80 stems meet NFPA 58

² beveled

Boss™ Hose Menders

Features:

- collars designed to engage gripping fingers of Boss™ clamps
- 3/4" - 3" plated iron; 1/2" plated steel

Size	Part #	Price/E	Size	Part #	Price/E
1/2"	M1	\$10.40	1 1/2"	M21	\$21.35
3/4"	M6	18.60	2"	M26	37.35
1"	M11	29.80	2 1/2"	M31	65.80
1 1/4"	M16	22.20	3"	M36	78.80



Boss™ Spud x Hose Shank

Feature:

- polymer seat

Size	Steel	
	Part #	Price/E
1"	GH1311	\$38.20
2"	GH2826	79.00



Boss™ Clamps

⚠ WARNING

- The bolts used in the Boss™ interlocking clamps are not standard bolts. They vary from standard bolts in their length, diameter, overall thread length and material hardness. These bolts can be retorqued, but it is **not** recommended that the bolts or clamps be reused, as they are designed for a single bend only. Dixon™ recommends using only factory supplied replacement bolts.
- Torque values for clamps are based on dry bolts. The use of lubricant on bolts will adversely effect clamp performance. *Do not lubricate nuts and bolts.*

E Features:

- recommended for steam service up to **450°F**
- recommended torque rating in ft. lbs.
- replacement nuts and bolts are available, contact Dixon™ for more information
- see page 828 for Fraction to Decimal conversion chart



2-Bolt Type, 2 Gripping Fingers

Hose ID	Hose OD		Zinc Plated Iron		Opt Qty	Stainless Steel ⁴		Torque ²	Brass		Torque
	From:	To:	Part #	Price/E		Part #	Price/E		Part #	Price/E	
1/4"	36/64"	42/64"	BD³	\$9.05	100	---	---	6	---	---	---
3/8"	44/64"	56/64"	CD³	8.75	100	---	---	6	---	---	---
1/2"	52/64"	60/64"	DD³	9.45	100	---	---	6	---	---	---
1/2"	60/64"	1-4/64"	B4³	8.15	25	RB4	\$138.40	12	BB4	\$31.75	10
1/2"	1-4/64"	1-12/64"	B5	10.30	25	---	---	12	---	---	---
3/4"	1-10/64"	1-20/64"	BU9³	10.25	50	RBU9	184.00	21	BBU9	46.50	18
3/4"	1-20/64"	1-32/64"	B9	11.80	25	RB9	197.80	21	---	---	---
3/4"	1-32/64"	1-44/64"	B10³	12.95	25	---	---	21	---	---	---

4-Bolt Type, 2 Gripping Fingers

Hose ID	Hose OD		Zinc Plated Iron		Opt Qty	Stainless Steel ⁴		Torque ²	Brass		Torque
	From:	To:	Part #	Price/E		Part #	Price/E		Part #	Price/E	
1"	1-34/64"	1-46/64"	BU14	\$19.85	25	RBU14	\$192.40	21	BBU14	\$91.80	18
1"	1-44/64"	1-60/64"	B14	20.00	25	RB14	192.40	21	BB14	107.60	18
1"	1-60/64"	2-8/64"	B15	23.25	20	---	---	21	---	---	---
1 1/4"	1-32/64"	1-50/64"	BU18	32.20	20	---	---	40	---	---	---
1 1/4"	1-50/64"	2-6/64"	BU19	35.80	10	---	---	40	---	---	---
1 1/4"	2-8/64"	2-24/64"	B19	30.30	10	RB19	210.00	40	---	---	---
1 1/2"	1-52/64"	2"	BU22	36.90	10	---	---	40	---	---	---
1 1/2"	2"	2-14/64"	B22	34.40	10	---	---	40	---	---	---
1 1/2"	2-12/64"	2-24/64"	BU24	30.20	10	RBU24	211.05	40	---	---	---
1 1/2"	2-24/64"	2-36/64"	B24	28.30	10	RB24	204.00	40	---	---	---
1 1/2"	2-36/64"	2-48/64"	B25	32.30	10	---	---	40	---	---	---
2"	2-22/64"	2-34/64"	BU28	41.10	9	---	---	60	---	---	---
2"	2-32/64"	2-50/64"	BU29	37.30	10	RBU29	295.00	60	BBU29¹	173.05	40
2"	2-48/64"	3-4/64"	B29	41.10	10	RB29	309.00	60	---	---	---
2"	3-6/64"	3-28/64"	B30	63.60	5	---	---	60	---	---	---
2 1/2"	3-6/64"	3-28/64"	BU34	66.80	5	---	---	60	---	---	---
2 1/2"	3-32/64"	3-60/64"	B34	86.35	5	---	---	150	---	---	---
3"	3-32/64"	3-60/64"	BU35	97.25	5	RBU35	461.70	150	---	---	---
3"	3-52/64"	4-4/64"	B35	92.30	5	---	---	---	---	---	---
3"	4-4/64"	4-28/64"	B39	119.00	5	---	---	200	---	---	---

¹ will become obsolete as inventory is depleted

² torque applies to plated iron and stainless steel clamps

³ global investment cast carbon steel

⁴ When installing stainless steel bolts and nuts, the use of anti-seize or anti-galling lubricant is advised. A light coat is required on the bolt threads to prevent thread galling and artificial torque reading.

Boss™ Clamps

⚠ WARNING

- The bolts used in the Boss™ interlocking clamps are not standard bolts. They vary from standard bolts in their length, diameter, overall thread length and material hardness. These bolts can be retorqued, but it is **not** recommended that the bolts or clamps be reused, as they are designed for a single bend only. Dixon™ recommends using only factory supplied replacement bolts.
- Torque values for clamps are based on dry bolts. The use of lubricant on bolts will adversely effect clamp performance. *Do not lubricate nuts and bolts.*

Features:

- recommended for steam service up to **450°F**
- recommended torque rating in ft. lbs.
- replacement nuts and bolts are available, contact Dixon™ for more information
- see page 828 for Fraction to Decimal conversion chart

E

4-Bolt Type, 4 Gripping Fingers

Hose ID	Hose OD		Zinc Plated Iron		Opt Qty	Torque
	From:	To:	Part #	Price/E		
½"	5/8/64"	1-2/64"	968	\$14.90	50	6
1"	1-26/64"	1-36/64"	156	20.35	20	21
1¼"	1-44/64"	1-56/64"	187	29.50	10	21
1¼"	1-56/64"	2-4/64"	206	25.70	20	21
1½"	2"	2-8/64"	212	35.25	10	21
1½"	2-4/64"	2-16/64"	225	37.90	10	40
2"	2-16/64"	2-32/64"	250 ¹	38.60	10	40
2"	2-32/64"	2-48/64"	275 ¹	42.25	10	40
2"	2-48/64"	3-4/64"	306 ¹	52.50	5	60
2½"	3-4/64"	3-32/64"	350	53.30	5	60
3"	3-32/64"	3-48/64"	375	67.25	5	60
3"	3-48/64"	4"	401	111.00	5	150
3"	4"	4-12/64"	418	125.45	2	200
3"	4-12/64"	4-32/64"	450	124.40	2	200



¹ not to be used with GF81, GB26, WF81, B26, RGF81, RGB26, BGF81, BGB26, RWF81, RB26



6-Bolt Type, 3 Gripping Fingers

Hose ID	Hose OD		Zinc Plated Iron		Opt Qty	Torque
	From:	To:	Part #	Price/E		
3"	4-16/64"	4-52/64"	BS39	\$223.85	2	150
4"	4-40/64"	5"	B45	224.00	3	150
4"	4-56/64"	5-16/64"	BS49	339.60	2	200
4"	5-16/64"	5-38/64"	BU49	412.00	2	200
4"	5-34/64"	5-60/64"	B49	444.00	2	200



6-Bolt Type, 6 Gripping Fingers

Hose ID	Hose OD		Zinc Plated Iron		Opt Qty	Torque
	From:	To:	Part #	Price/E		
6"	6-56/64"	7-24/64"	750	\$419.00	1	200
6"	7-32/64"	8"	850	413.50	1	200

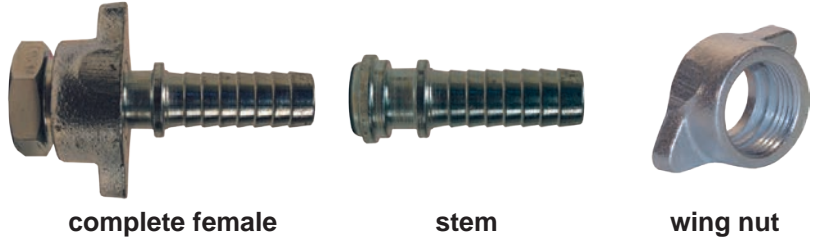


Ground Joint Air Hammer Couplings

Features:

- rounded steel head of stem fits concave inserts in spuds for superior sealing
- metal-to-metal copper seat seal
- *plated steel* and / or *iron*
- for use with Boss™ clamps on page 116 and 117

E



complete female

stem

wing nut

Style	Hose ID and NPT Sizes	Coarse Nut Thread	Part #	Price/E	Plated Steel		Iron	
					Part #	Price/E	Part #	Price/E
Compact	1/2"	1-31/64" OD x 8 TPI	GDF6	\$45.40	GBA45	\$13.00	J47	\$12.05
	3/4"		GDF8	48.65	GBA46	13.80	J47	12.05
Heavy Duty	3/4"	1-47/64" OD x 8 TPI	GDF10	65.50	GBB18	22.65	DLB12	15.60
	1"		GDF12	54.85	GBB11	17.40	DLB12	15.60



female spud



male spud



double spud

Style	Hose ID and NPT Sizes	Coarse Nut Thread	Plated Steel w/ Copper seat		Plated Steel w/ Copper seat		Plated Steel w/ Copper seat	
			Part #	Price/E	Part #	Price/E	Part #	Price/E
Compact	1/2"	1-31/64" OD x 8 TPI	GJ65	\$20.35	GJ60	\$27.40	GJ75	\$32.50
	3/4"		GJ55	23.60	GJ50	25.10	GJ75	32.50
Heavy Duty	3/4"	1-47/64" OD x 8 TPI	GDL8	27.25	GDL7	33.80	GDL25	34.80
	1"		GDL13	22.70	GDL10	30.55	GDL25	34.80

LP Gas Hose Couplings and Adapters

Specifications:

- products meet or exceed the requirements of Compressed Gas Association (CGA), the National Fire Protection Association (NFPA), the Canadian Gas Association, American Society of Mechanical Engineers (ASME) and Underwriters Laboratories (UL)

Brass Male Acme x MNPT Adapters



ME217



ME233



ME502-12/8



ME503-16

Male Acme Thread	Male NPT Thread	Female NPT Thread	Part #	Brass	Price/E
1 3/4"	1 1/4"	--	ME217		\$36.75
2 1/4"	1 1/4"	--	ME233		141.00
2 1/4"	1 1/2"	1"	ME502-12/8 ¹		218.00
3 1/4"	2"	--	ME503-16		176.00

¹ dual threads - male outside / female inside

Brass Male Acme x FNPT Adapter



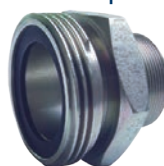
ME252-16

Male Acme Thread	Female NPT Thread	Part #	Brass	Price/E
1 3/4"	1"	ME214		\$36.75
3 1/4"	2"	ME252-16		161.00

Steel Male Acme x MNPT Adapters



ME217S



ME503S-16

Male Acme Thread	Male NPT Thread	Steel	
		Part #	Price/E
1 3/4"	1 1/4"	ME217S	\$88.50
2 1/4"	1 1/4"	ME233S	173.00
3 1/4"	2"	ME503S-16	367.00

Steel Male Acme x FNPT Adapter



ME252S-16

Male Acme Thread	Female NPT Thread	Steel	
		Part #	Price/E
3 1/4"	2"	ME252S-16	\$251.00

Female Acme x Male Acme Adapters



ME612



ME612S

Female Acme Thread	Male Acme Thread	Material	Part #	Price/E
3 1/4"	1 3/4"	brass	ME612	\$268.00
3 1/4"	1 3/4"	steel	ME612S	395.00

LP Gas Hose Couplings and Adapters

Female Acme x MNPT Filler Couplings, Brass Nut



ME112



ME130



ME120

Female Acme Thread	Male NPT Thread	Material	Part #	Price/E
1 $\frac{3}{4}$ "	1"	brass nut, brass nipple	ME112	\$46.50
2 $\frac{1}{4}$ "	1 $\frac{1}{4}$ "	brass nut, brass nipple	ME120	212.00
2 $\frac{1}{4}$ "	1 $\frac{1}{4}$ "	brass nut, steel nipple	ME120S	250.00
3 $\frac{1}{4}$ "	2"	brass nut, steel nipple	ME130	309.00

Female Acme x MNPT Filler Couplings, Steel Nut



ME112S



ME130S



ME121S

Female Acme Thread	Male NPT Thread	Steel Part #	Price/E
1 $\frac{3}{4}$ "	1"	ME112S	\$102.50
2 $\frac{1}{4}$ "	1 $\frac{1}{4}$ "	ME121S	221.00
3 $\frac{1}{4}$ "	2"	ME130S	254.00

Acme Gaskets

Size	Nitrile Part #	Price/E
1 $\frac{3}{4}$ "	MEW2	\$0.68
2 $\frac{1}{4}$ "	MEW5	3.50
3 $\frac{1}{4}$ "	MEW6	3.65

Clamp Style Hose Couplings

Features:

- clamp sections and hose barbs are made of steel and ductile iron
- 32B and 32S sizes offer a female Acme swivel to eliminate the need to add additional weight and bulk to the hose assembly



ME3162-20



ME3162-32B

Hose Barb Size	Thread Size	Material	Part #	Price/E
1"	1" male NPT	steel nipple with 2-piece ductile iron clamp	ME3162-16	\$96.00
1 $\frac{1}{4}$ "	1 $\frac{1}{4}$ " male NPT	steel nipple with 2-piece ductile iron clamp	ME3162-20	154.00
1 $\frac{1}{2}$ "	1 $\frac{1}{2}$ " male NPT	steel nipple with 2-piece ductile iron clamp	ME3162-24	201.00
2"	2" male NPT	steel nipple with 2-piece ductile iron clamp	ME3162-32	230.00
2"	3 $\frac{1}{4}$ " female Acme	steel nipple, brass nut with 2-piece ductile iron clamp	ME3162-32B	456.00
2"	3 $\frac{1}{4}$ " female Acme	steel nipple, steel nut with 2-piece ductile iron clamp	ME3162-32S	451.00

Acme Spanner Wrench



Used on	Part #	Price/E
1 $\frac{3}{4}$ ", 2 $\frac{1}{4}$ ", 3 $\frac{1}{4}$ " and 4 $\frac{1}{4}$ " fittings	MEP120B	\$112.00

Aluminum

Safety Break-away Coupling - Breaking Bolt Series Industrial Version - Female NPT x Female NPT

Application:

- suitable for LP gas service, designed to be installed between a fixed point (pipe, pump, manifold) and a hose

Features:

- coupling automatically senses an excessive load, closes the valves and disconnects
- high flow rate / low pressure drop
- working pressure: **360 PSI** at ambient temperature (70°F)
- female NPT is standard, optional ANSI / DIN flanges or male NPT are available
- FKM is standard seal



Size	DN Size	Stainless Steel	
		Part #	Price/E
2"	50	SBC200SS	\$3667.85

F

LP Gas Hose Caps and Plugs Metal Acme Caps



ME229



ME441F

Female Acme Thread	Description	Material	Part #	Price/E
1¾"	cap with ring and chain	brass	ME229-1	\$71.50
1¾"	cap with ring and chain	steel	ME229S-1	122.00
2¼"	cap with knob plug and chain	brass	ME431F-1	180.00
2¼"	cap with knob plug, ring, chain	steel	ME431FS-1	204.00
3¼"	cap with knob plug, ring and chain	brass	ME441F-1	273.00
3¼"	cap with knob plug, ring and chain	steel	ME441FS-1	298.00

Plastic Acme Caps



ME109-1



ME109-NH3-1

Female Acme Thread	Description	Plastic Part #	Price/E
1¾"	cap with ring and chain, yellow	ME109-1	\$8.55
1¾"	cap with chain assembly, for anhydrous service	ME109-NH3-1	9.70

Plastic Dust Plugs



ME179-1



ME180-1



ME181-1

Male Acme Thread	Description	Plastic Part #	Price/E
1¾"	plug with dust seal and chain assembly, yellow	ME179-1	\$32.50
2¼"	plug with dust seal and chain assembly, yellow	ME180-1	39.50
3¼"	plug with dust seal and chain assembly, yellow	ME181-1	86.00

Air King™ Universal Couplings

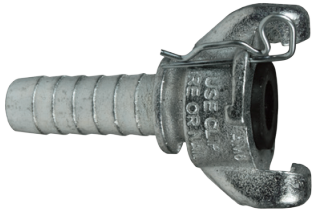
⚠ WARNING

- The use of an Air King™ safety clip or wire type retainer is necessary to ensure Air King™ universal couplings will not become accidentally disconnected. This guarantees the fittings are properly connected because the safety pin will not go through the holes in mating flanges until couplings are locked in place. Only one Air King™ safety clip or wire type retainer is required for each Air King™ universal coupling.
- to provide protection against coupling breakage and related hazards, Dixon™ recommends the use of a whip hose, see page 809 for Whip Hose safety information

Hose Ends

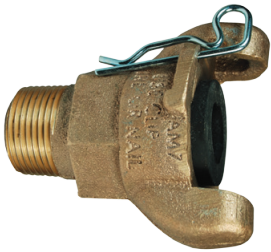
Features:

- can be used with Air King™ ferrules
- supplied with safety clip
- pressure rating: **150 PSI** at ambient temperature (70°F)
- supplied with rubber washers, part # AWR4
- meets pressure requirements as specified in A-A-59553 commercial item description superseding Mil Spec. WWC-633D



Size	Iron		Opt Qty	Brass		Opt Qty	316 Stainless Steel	
	Part #	Price/E		Part #	Price/E		Qty	Price/E
3/8"	AMH ¹	\$10.40	25	ABH	\$38.95	25	RAMH	\$77.20
1/2"	AM1	7.45	50	AB1 ¹	24.10	50	RAM1	57.40
5/8"	AM5	11.00	50	AB5	26.20	50	---	---
3/4"	AM6	7.40	50	AB6 ¹	24.95	50	RAM6	48.25
1"	AM11	10.30	50	AB11 ¹	32.00	50	RAM11	53.35

Male NPT Ends



Size	Iron		Opt Qty	Brass		Opt Qty	316 Stainless Steel	
	Part #	Price/E		Part #	Price/E		Part #	Price/E
1/4"	AMB1	\$10.75	25	ABB1	\$28.25	25	---	---
3/8"	AMB	9.50	25	ABB	32.30	25	RAMB	\$83.00
1/2"	AM2	8.50	50	AB2 ¹	26.10	50	RAM2	55.65
3/4"	AM7	8.60	50	AB7 ¹	25.80	50	RAM7	49.80
1"	AM12	9.20	50	AB12 ¹	26.80	50	RAM12	53.35

Female NPT Ends



Size	Iron		Opt Qty	Brass		Opt Qty	316 Stainless Steel	
	Part #	Price/E		Part #	Price/E		Part #	Price/E
1/4"	AMC1	\$10.10	25	ABC1	\$29.70	25	---	---
3/8"	AMC	9.50	25	ABC	29.35	25	RAMC	\$83.85
1/2"	AM3	8.80	50	AB3 ¹	22.15	50	RAM3	57.40
3/4"	AM8	8.60	50	AB8 ¹	26.35	50	RAM8	49.80
1"	AM13	10.40	50	AB13 ¹	26.80	50	RAM13	55.90

Blank Ends



Part #	Iron		Opt Qty	Brass		Opt Qty	316 Stainless Steel	
	Part #	Price/E		Part #	Price/E		Part #	Price/E
AM0		\$13.25	25	AB0 ¹	\$26.60	25	RAM0	\$51.80

Triple Connections



Part #	Iron		Opt Qty	Brass		Opt Qty
	Part #	Price/E		Part #	Price/E	
AM10		\$24.50	25	AB10 ¹	\$54.10	25

¹ global investment cast



Air King™ is for air and water service only *Warning: Never use any Air King™ coupling for steam service!*
None of Dixon™'s catalog information is to be interpreted to mean that this type of coupling is suitable for use on steam hose.

Global Air King™ Universal Couplings

Feature:

- supplied with safety clip and rubber washers

Hose Ends

Size	Plated Steel		Pkg Qty
	Part #	Price/E	
1/2"	GAM1	\$3.80	25
3/4"	GAM6	4.15	50
1"	GAM11	5.40	50



Male NPT Ends

Size	Plated Steel		Pkg Qty
	Part #	Price/E	
1/2"	GAM2	\$4.35	25
3/4"	GAM7	4.75	50
1"	GAM12	5.40	50



F

Female NPT Ends

Size	Plated Steel		Pkg Qty
	Part #	Price/E	
1/2"	GAM3	\$3.95	25
3/4"	GAM8	4.15	50
1"	GAM13	4.75	50



Blank End

Plated Steel		Pkg Qty
Part #	Price/E	
GAM0	\$4.30	25



Triple Connection

Plated Steel		Pkg Qty
Part #	Price/E	
GAM10	\$9.30	25



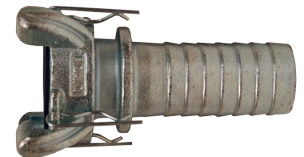
Global Air King™ 4 - Lug Quick-Acting Couplings

Features:

- supplied with safety clip and rubber washers
- pressure rating: **150 PSI** at ambient temperature (70°F)
- use with Boss™ clamps, see page 116-117.
- not to be used for steam service 
- must use safety clips, safety clips are same size for both 2-lug and 4-lug Air King™ Couplings, see page 126 

Hose Ends

Size	Plated Steel		Pkg Qty
	Part #	Price/E	
1 1/4"	GAM16	\$13.60	25
1 1/2"	GAM21	15.80	25
2"	GAM26	18.85	10



Female NPT Ends

Size	Plated Steel		Pkg Qty
	Part #	Price/E	
1 1/4"	GAM18	\$12.75	25
1 1/2"	GAM23	13.60	25
2"	GAM28	15.00	20



Air King™ is for air and water service only **Warning: Never use any Air King™ coupling for steam service!**
None of Dixon™'s catalog information is to be interpreted to mean that this type of coupling is suitable for use on steam hose.

Global Air King™ Ferrules

Features:

- low profile streamline appearance with maximum retention
- lightweight
- can be crimped
- designed for use with global Air King™ fittings
- see page 857 for crimp recommendations and ferrule OD ranges



Size	Ferrule ID	Plated Steel	
		Part #	Price/E
½"	0.906"	CCF0906	\$1.15
	1.120"	CCF1120	1.55
¾"	1.149"	CCF1149	1.55
	1.190"	CCF1190	1.55
	1.218"	CCF1218	1.55
	1.246"	CCF1246	1.55
	1.438"	CCF1438	2.35
1"	1.469"	CCF1469	2.35
	1.500"	CCF1500	2.35
	1.531"	CCF1531	2.35

Air King™ Clamps



- Torque values for clamps are based on dry bolts. The use of lubricant on bolts will adversely effect clamp performance.



Size	Hose OD		Plated Iron		Opt Qty	Torque ¹
	From:	To:	Part #	Price/E		
¾"	44/64"	56/64"	CD ³	\$8.75	100	6
½"	1"	1-12/64"	A4	8.60	50	6
¾"	1-8/64"	1-20/64"	A9 ³	9.85	50	21
1"	1-20/64"	1-32/64"	A10 ^{2,3}	12.75	50	21
1"	1-32/64"	1-52/64"	A14	17.50	50	21

¹ recommended torque rating given in lbs.

² can be used with **AM6** and **AM11**

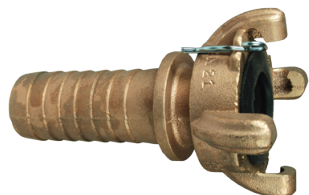
³ global investment cast carbon steel

Air King™ 4 - Lug Quick-Acting Couplings

Features:

- supplied with safety clip and rubber washers
- pressure: **150 PSI** at ambient temperature (70°F)
- use with Boss™ clamps on page 116
- not to be used for steam service
- must use safety clips, safety clips are same size for both 2-lug and 4-lug, Air King™ couplings see page 126

Hose Ends



Size	Iron		Brass		Opt Qty
	Part #	Price/E	Part #	Price/E	
1¼"	AM16	\$28.35	AB16 ¹	\$63.50	25
1½"	AM21	29.40	AB21 ¹	65.80	25
2"	AM26	41.55	AB26	87.10	10

¹ item will be discontinued when stock is depleted

Female NPT Ends



Size	Iron		Brass		Opt Qty
	Part #	Price/E	Part #	Price/E	
1¼"	AM18	\$28.35	AB18 ¹	\$72.50	25
1½"	AM23	26.90	AB23 ¹	71.00	25
2"	AM28	33.85	AB28	84.15	10


¹ item will be discontinued when stock is depleted



Air King™ is for air and water service only *Warning: Never use any Air King™ coupling for steam service!*
None of Dixon™'s catalog information is to be interpreted to mean that this type of coupling is suitable for use on steam hose.

Air King™ with Ferrules

Features:

- working pressure: **150 PSI** at ambient temperature (70°F)
- design provides quick, easy and effective coupling of air hose
- interlocking ferrule can be crimped or swaged to achieve maximum coupling sealing and retention with a low profile streamline appearance, for crimp or swage diameter recommendations see page 856
- for air and water service only 



F

Style	Hose OD		Iron		316 Stainless Steel	
	From	To	Part #	Price/E	Part #	Price/E
1/2"	5/4/64"	1-2/64"	AM1WF	\$15.00	---	---
3/4"	1-4/64"	1-22/64"	AM6WF	12.45	RAM6WF	\$64.00
1"	1-18/64"	1-34/64"	AM11WF-1	22.00	---	---
1"	1-30/64"	1-46/64"	AM11WF	16.90	---	---

Air King™ with Gauge Port

Features:


- drilled with 1/4" NPT port for mounting a gauge
- gauge sold separately



Size	Iron		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
3/4"	AM7T	\$24.30	RAM7T	\$76.00

Air King™ Universal Swivels

Features:

- working pressure: **150 PSI** at ambient temperature (70°F)
- interchanges with other Air King™ fittings
- includes a heavy-duty, free-turning joint that swivels under pressure to prevent hose kinking
- for air and water service only 



hose end



male NPT



female NPT

Style	Iron		Iron		Iron	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/2"	---	---	AM2SWIV	\$63.75	---	---
3/4"	AM6SWIV	\$74.50	AM7SWIV	63.25	AM8SWIV	\$66.60



Air King™ is for air and water service only *Warning: Never use any Air King™ coupling for steam service!* None of Dixon™'s catalog information is to be interpreted to mean that this type of coupling is suitable for use on steam hose.

Compressor Y

Feature:

- converts a single supply source to a dual outlet



Female NPT Inlet (1)	Male NPT Outlets (2)	Iron	
		Part #	Price/E
1"	3/4"	Y10075	\$59.75

Air King™ Accessories

Features:

- The use of an Air King™ safety clip or wire type retainer is necessary to ensure couplings will not become accidentally disconnected. This guarantees the fittings are properly connected as the pin will not go through the holes in the mating flanges until couplings are locked in place.
- only one Air King™ safety clip or wire type retainer is required for each Air King™ universal coupling

F

Standard Safety Clip



Feature:

- same size clip can be used for all coupling sizes

Wire Diameter	Part #	Price/E	Pkg Qty
.080	AC1	\$0.30	25 / bag only

Air King Safety Pins



Feature:

- heavy duty, oversized

Wire Diameter	Part #	Price/E
.058	AKSP1	\$1.30
.091	AKSP25	1.45

Stainless Steel Clip



Feature:

- same size clip can be used for all coupling sizes

Wire Diameter	Part #	Price/E
.072	AC7	\$2.25

Lanyards



Features:

- synthetic cord
- same size for all coupling sizes

Part #	Price/E	Pkg Qty
ACL8	\$0.40	25 / bag only



Features:

- breaking strength: 160 lbs.
- overall length: 7" eye to eye

304 stainless Part #	Price/E
LR7	\$8.00

Washers



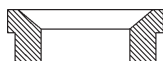
AWR4



AWS6



AWR14



Features:

- 2 lug couplings use the same size washer (AWR4, AWS6)
- 4 lug couplings use the same size washer (AWR14)
- rubber temperature range: **-20°F to 160°F**
- neoprene temperature range: **-20°F to 190°F**
- neoprene is oil resistant

Part #	Material	Style	Price/E	Pkg Qty
AWR4¹	<i>rubber</i>	2 lug	\$0.60	50 / bag only
AWS6	<i>neoprene</i>	2 lug	0.80	50 / bag only
AWR14	<i>rubber</i>	4 lug	4.40	---

¹ made from Styrene-butadiene (SBR)

Sand Blast Couplings

Features:

- designed for use on sand blast hose
- supplied with screws
- nozzle holders have 1¼" NPSM thread
- pressure: 110 PSI at ambient temperature (70°F)
- abrasive blasting equipment must have hose safety cables (page 138) or hose coupling safety locks installed

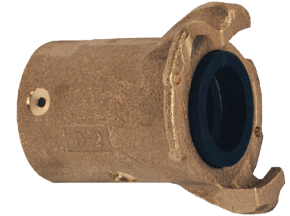


Installation:

- 1) Ends of hose must be cut square to fit snug against metal end.
- 2) Holding hose tight to end of fitting, insert screws and turn in full, putting screw 180° from first to ensure best centering.
- 3) After all screws have been placed, check tube opposite screws to be sure screws have not penetrated completely through.
- 4) On quick couplings, insert safety clips

Quick Couplings

Hose Size	Hose OD	Brass		Aluminum	
		Part #	Price/E	Part #	Price/E
¾"	1-1/2"	BSB75	\$49.00	ASB75	\$16.10
1"	1-7/8"	BSB100	49.75	ASB100	17.95
1¼"	2-5/32"	BSB125	88.75	ASB125	31.20
1½"	2-3/8"	BSB150	99.50	ASB150	35.35



F

Nozzle Holders

Hose Size	Hose OD	Brass		Aluminum	
		Part #	Price/E	Part #	Price/E
¾"	1-1/2"	BNH75	\$46.00	ANH75	\$14.75
1"	1-7/8"	BNH100	52.00	ANH100	16.80
1¼"	2-5/32"	BNH125	75.50	ANH125	22.10
1½"	2-3/8"	BNH150	98.00	ANH150	29.25



Threaded Couplings

Hose Size	Brass		Aluminum	
	Part #	Price/E	Part #	Price/E
1¼"	BSC125	\$54.50	ASC125	\$15.90
1½"	BSC150	54.50	ASC150	15.90



- Threaded couplings do not include screws.

Replacement Parts

Part #	Description	Price/E
SBG	black nitrile replacement gasket	\$1.20
USBG	urethane replacement gasket	4.85
SBCS	replacement screws (1 bag contains 8) part number is for one bag	0.50



SBG



USBG

Surelock™ Quick Acting Couplings

Applications:

- multi-purpose coupling for water and air, commonly used in construction and mining; excels in services where ease, economy, safety and speed are paramount

Features:

- pressure activated gasket allows for easy coupling (less than 15 lbs. of force is required to connect the coupling gaskets seal upon introduction of line pressure)
- working pressure: **200 PSI** at ambient temperature (70°F)
- body: SG iron AS1831 400-250-12
- bellow seal: natural rubber (patent pending), other seal material available upon request
- safety pin is supplied with each coupling and is required as a safety precaution



Hose Ends



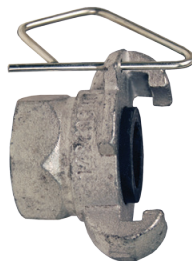
Head	Size	Part #	Price/E	Pkg Qty
small	3/8"	SL038H	\$10.40	50
	1/2"	SL050H	12.25	50
	3/4"	SL075H	12.40	50
	1"	SL100H	14.50	50
medium	1 1/2"	SL150H	40.50	15
	2"	SL200H	48.50	10

Male NPT Ends



Head	Size	Part #	Price/E	Pkg Qty
small	3/8"	SL038M	\$14.40	50
	1/2"	SL050M	14.20	50
	3/4"	SL075M	13.60	50
	1"	SL100M	13.90	50
medium	1 1/2"	SL150M	40.00	15
	2"	SL200M	42.00	15

Female NPT Ends



Head	Size	Part #	Price/E	Pkg Qty
small	3/8"	SL038F	\$14.20	50
	1/2"	SL050F	14.90	50
	3/4"	SL075F	12.80	50
	1"	SL100F	14.20	50
medium	1 1/2"	SL150F	37.50	15
	2"	SL200F	38.25	15

Surelock™ Quick Acting Couplings with Ferrules

Features:

- design provides quick, easy and effective coupling of air hose
- interlocking ferrule can be crimped or swaged to achieve maximum coupling sealing and retention with a low profile streamline appearance, see page 858 for crimp recommendations
- Dixon™ recommends that all hose assemblies be tested in accordance with ARPM testing procedures.
- working pressure: **200 PSI** at ambient temperature (70°F)
- for air and water service only



Head	Size	Hose OD		Part #	Price/E
		From:	To:		
small	1/2"	1/2"	1-2/64"	SL050CR	\$16.40
	3/4"	3/4"	1-22/64"	SL075CR	17.90
	1"	1"	1-46/64"	SL100CR	18.50

Surelock™ Accessories

Blank Ends

Head	Size	Part #	Price/E	Pkg Qty
small	½" to 1"	SL00	\$13.40	15
medium ¹	1½" to 2"	SL01	49.00	3

¹ medium blank end comes with 1" NPT pipe plug



small blank end

medium blank end ¹

F

Three Way Connectors

Head	Size	Part #	Price/E	Pkg Qty
small	½" to 1"	SL09	\$35.50	15
medium ¹	1½" to 2"	SL10	139.00	3

¹ medium three way connector comes with 1" NPT pipe plug



small three way connector

medium three way connector ¹

Standard Natural Rubber Seals

Head	Size	Part #	Price/E	Pkg Qty
small	½" to 1"	SLR1	\$1.60	1
medium	1½" to 2"	SLR2	2.65	1



SLR2

Safety Locking Pin

The use of a safety locking pin is necessary to ensure that Surelock™ couplings will not become accidentally disconnected. This guarantees that the fittings are properly connected as the pin will not go through the holes in both couplings until the couplings are locked into place.



Part #	Price/E	Pkg Qty
SLP1	\$0.32	25



Dix-Lock™ Quick Acting Couplings

Feature:

- pressure: **300 PSI** in brass; **500 PSI** in steel, 303 stainless steel at ambient temperature (70°F)

Male Head x Hose End

Body Size	Hose Shank Size	Material	Part #	Price/E	Opt Qty
3/8"	1/2"	plated steel	QM1	\$54.58	25
1/2"	3/8"	plated steel	QM2	23.41	25
1/2"	1/2"	plated steel	QM3	23.88	25
1/2"	3/4"	plated steel	QM4	23.88	25
1/2"	1"	plated steel	QM5	26.43	25
1/2"	3/8"	brass	QB2	40.21	--
1/2"	1/2"	brass	QB3	40.21	--
1/2"	3/4"	brass	QB4	40.21	--
1/2"	1"	brass	QB5	40.79	25
1/2"	3/4"	303 stainless	QSS4	80.96	--



F

Female Head x Hose End

Body Size	Hose Shank Size	Material	Part #	Price/E	Opt Qty
3/8"	1/2"	plated steel	QM20	\$47.72	25
1/2"	3/8"	plated steel	QM21	19.35	25
1/2"	1/2"	plated steel	QM22	19.35	25
1/2"	3/4"	plated steel	QM23	19.35	25
1/2"	1"	plated steel	QM25	21.32	25
1/2"	3/8"	brass	QB21	28.94	--
1/2"	1/2"	brass	QB22	28.94	--
1/2"	3/4"	brass	QB23	28.94	--
1/2"	1"	brass	QB25	31.77	25
1/2"	3/4"	303 stainless	QSS23	59.43	--


Male Head x Male NPT End

Body Size	Male NPT	Material	Part #	Price/E	Opt Qty
3/8"	1/2"	plated steel	QM40	\$51.46	25
1/2"	3/8"	plated steel	QM41	24.68	25
1/2"	1/2"	plated steel	QM42	24.68	25
1/2"	3/4"	plated steel	QM43	24.68	25
1/2"	1"	plated steel	QM45	26.43	25
1/2"	3/8"	brass	QB41	36.07	--
1/2"	1/2"	brass	QB42	36.07	--
1/2"	3/4"	brass	QB43	36.07	25
1/2"	1"	brass	QB45	37.73	--
1/2"	3/4"	303 stainless	QSS43	80.96	10


Female Head x Male NPT End

Body Size	Male NPT	Material	Part #	Price/E	Opt Qty
3/8"	1/2"	plated steel	QM60	\$42.41	25
1/2"	3/8"	plated steel	QM61	19.35	25
1/2"	1/2"	plated steel	QM62	19.35	25
1/2"	3/4"	plated steel	QM63	19.35	25
1/2"	1"	plated steel	QM65	34.61	25
1/2"	3/8"	brass	QB61	28.94	--
1/2"	1/2"	brass	QB62	28.94	--
1/2"	3/4"	brass	QB63	28.94	--
1/2"	1"	brass	QB65	31.65	25
1/2"	3/4"	303 stainless	QSS63	59.43	--



Dix-Lock™ Quick Acting Couplings

Feature:

- pressure rating: **300 PSI** in brass, **500 PSI** in steel, 303 stainless steel at ambient temperature (70°F)

Male Head x Female NPT End

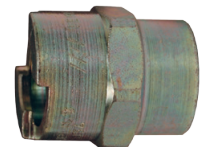
Body Size	Female NPT	Material	Part #	Price/E	Opt Qty
1/2"	3/8"	plated steel	QM81	\$23.88	25
1/2"	1/2"	plated steel	QM82	23.88	25
1/2"	3/4"	plated steel	QM83	23.88	25
1/2"	1"	plated steel	QM85	26.43	25
1/2"	3/8"	brass	QB81	37.61	--
1/2"	1/2"	brass	QB82	37.61	--
1/2"	3/4"	brass	QB83	37.61	--
1/2"	1"	brass	QB85	39.26	25
1/2"	3/4"	303 stainless	QSS83	80.96	--



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Female Head x Female NPT End

Body Size	Female NPT	Material	Part #	Price/E	Opt Qty
1/2"	3/8"	plated steel	QM101	\$19.35	25
1/2"	1/2"	plated steel	QM102	19.35	25
1/2"	3/4"	plated steel	QM103	19.35	25
1/2"	1"	plated steel	QM105	21.32	25
1/2"	3/8"	brass	QB101	28.94	--
1/2"	1/2"	brass	QB102	28.94	--
1/2"	3/4"	brass	QB103	28.94	--
1/2"	1"	brass	QB105	31.77	25
1/2"	3/4"	303 stainless	QSS103	59.29	--



Male Locking Head x Hose Shank

Body Size	Hose Shank Size	Material	Part #	Price/E
1/2"	1/2"	plated steel	QM33	\$32.72
1/2"	3/4"	plated steel	QM44	31.87
1/2"	1/2"	brass	QB33	43.86
1/2"	3/4"	brass	QB44	43.86



Male Locking Head x Male NPT

Feature:

- positive safety lock; with locking nut in place sleeve cannot be moved to open coupling

Body Size	Male NPT	Material	Part #	Price/E
1/2"	1/2"	plated steel	QM66	\$32.72
1/2"	3/4"	plated steel	QM88	32.72
1/2"	1/2"	brass	QB66	43.86
1/2"	3/4"	brass	QB88	43.86



Dix-Lock™ Gaskets

Body Size	Buna-N	
	Part #	Price/E
3/8"	QBM1	\$1.39
1/2"	QBM2	1.39



Dix-Lock™ Converter



Body Size	Part #	Plated Steel		Opt Qty
		Price/E		
1/2"	QMO	\$64.03		25

Dix-Lock™ Caps

F



Body Size	Part #	Brass		Opt Qty	Plated Steel		Opt Qty
		Price/E			Part #	Price/E	
1/2"	QBCAP	\$26.06		25	QMCAP	\$22.69	25

Dix-Lock™ Quick-Acting Couplings with Ferrules

Features:

- working pressure: **300 PSI** at ambient temperature (70°F)
- for crimp recommendations see page 855
- also available in stainless steel, contact Dixon™ for further information

Female Head



Body Size	Hose ID	Hose OD		Material	Part #	Price/E
		From:	To:			
1/2"	1/2"	27/32"	1-1/32"	plated steel	QM22WF	\$26.60
1/2"	3/4"	1-5/32"	1-11/32"	plated steel	QM23WF	26.60
1/2"	1/2"	27/32"	1-1/32"	brass	QB22WF	36.60
1/2"	3/4"	1-5/32"	1-11/32"	brass	QB23WF	36.60

Male Head



Body Size	Hose ID	Hose OD		Material	Part #	Price/E
		From:	To:			
1/2"	1/2"	27/32"	1-1/32"	plated steel	QM3WF	\$33.20
1/2"	3/4"	1-5/32"	1-11/32"	plated steel	QM4WF	33.20
1/2"	1/2"	27/32"	1-1/32"	brass	QB3WF	50.20
1/2"	3/4"	1-5/32"	1-11/32"	brass	QB4WF	50.20

Male Locking Head



Body Size	Hose ID	Hose OD		Material	Part #	Price/E
		From:	To:			
1/2"	1/2"	27/32"	1-1/32"	plated steel	QM33WF	\$41.60
1/2"	3/4"	1-5/32"	1-11/32"	plated steel	QM44WF	41.60
1/2"	1/2"	27/32"	1-1/32"	brass	QB33WF	52.90
1/2"	3/4"	1-5/32"	1-11/32"	brass	QB44WF	52.90

- 3/8" and 1" Dix-lock™ with ferrules are available upon request

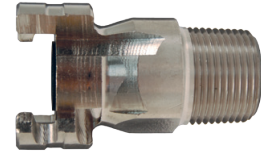
Dual Lock Quick-Acting Couplings

Features:

- interchanges with National A type, Dixon Quick Coupling P type and Thor PHC series couplings
- PM and PF series must be used with mating locking sleeve fittings
- spring loaded interlocking engagement
- full opening permits full flow to tool
- optional locking key prevents sleeve retraction
- working pressure: **300 PSI** at ambient temperature (70°F)
- trivalent chrome plated

Male Pipe Thread

Body Size	Male NPT	Material	Part #	Price/E	Opt Qty
1/2"	3/8"	plated steel	PM6	\$19.72	25
1/2"	1/2"	plated steel	PM8	19.35	25
1/2"	3/4"	plated steel	PM12	20.32	25
1/2"	1"	plated steel	PM16	22.78	25
1/2"	1/2"	brass	PMB8	58.78	25
1/2"	3/4"	brass	PMB12	63.47	25
1/2"	1"	brass	PMB16	63.47	25
1/2"	3/4"	303 stainless	PM12SS	141.52	10

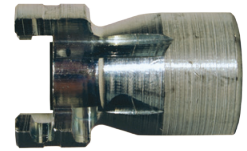


must be used with locking sleeve fittings below

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Female Pipe Thread

Body Size	Female NPT	Material	Part #	Price/E	Opt Qty
1/2"	3/8"	plated steel	PF6	\$22.74	25
1/2"	1/2"	plated steel	PF8	24.63	25
1/2"	3/4"	plated steel	PF12	24.74	25
1/2"	1"	plated steel	PF16	26.94	25
1/2"	1/2"	brass	PFB8	62.87	25
1/2"	3/4"	brass	PFB12	61.29	25
1/2"	1"	brass	PFB16	63.47	25
1/2"	3/4"	303 stainless	PF12SS	141.52	10



must be used with locking sleeve fittings below

Hose End Barb with Locking Sleeve

Body Size	Hose Shank Size	Material	Part #	Price/E	Opt Qty
1/2"	3/8"	plated steel	PHL6	\$35.23	25
1/2"	1/2"	plated steel	PHL8	35.23	25
1/2"	3/4"	plated steel	PHL12	37.22	25
1/2"	1"	plated steel	PHL16	56.71	25
1/2"	3/4"	brass	PHLB12	82.73	25
1/2"	1"	brass	PHLB16	90.21	25
1/2"	3/4"	303 stainless	PHL12SS	327.82	10



Male Pipe Thread with Locking Sleeve

Body Size	Male NPT	Material	Part #	Price/E	Opt Qty
1/2"	3/8"	plated steel	PML6	\$33.33	25
1/2"	1/2"	plated steel	PML8	33.15	25
1/2"	3/4"	plated steel	PML12	33.15	25
1/2"	3/4"	303 stainless	PML12SS	285.84	10



Female Pipe Thread with Locking Sleeve

Body Size	Female NPT	Material	Part #	Price/E	Opt Qty
1/2"	1/2"	plated steel	PFL8	\$37.96	25
1/2"	3/4"	plated steel	PFL12	37.96	25
1/2"	3/4"	303 stainless	PFL12SS	273.53	10



Replacement Gaskets

Buna-N		FKM	
Part #	Price/E	Part #	Price/E
4P-SKIT	\$2.63	452963	\$6.54



Locking Key

Steel	
Part #	Price/E
855231	\$1.81



- fits couplings with locking sleeve

Dual Lock Quick-Acting Couplings with Ferrule

Features:

- working pressure: **300 PSI** at ambient temperature (70°F)
- for crimp recommendations see page 855
- 3/8" and 1" sizes available upon request, contact Dixon™

Materials:

- plated steel ferrule
- also available in brass and stainless steel



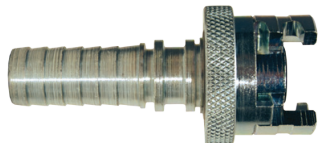
Body Size	Hose ID	Hose OD		Trivalent Chrome Plated Steel	
		From:	To:	Part #	Price/E
1/2"	1/2"	5/4/64"	1-2/64"	PHL8WF	\$42.00
1/2"	3/4"	1-10/64"	1-22/64"	PHL12WF	43.95

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Dual Lock Quick-Acting Couplings with Knurled Flanged Sleeve

Feature:

- large, raised collar sleeve permits easier handling when wearing gloves



Hose End Barb with Knurled Flanged Sleeve

Body Size	Hose ID Size	Trivalent Chrome Plated Steel		Opt Qty
		Part #	Price/E	
1/2"	3/8"	PHL6FS	\$38.99	25
1/2"	1/2"	PHL8FS	38.99	25
1/2"	3/4"	PHL12FS	40.98	25

Male Pipe Thread with Knurled Flanged Sleeve



Body Size	Male NPT	Part #	Price/E	Opt Qty
1/2"	3/8"	PML6FS	\$37.09	25
1/2"	1/2"	PML8FS	36.91	25
1/2"	3/4"	PML12FS	36.91	25

Female Pipe Thread with Knurled Flanged Sleeve



Body Size	Female NPT	Part #	Price/E	Opt Qty
1/2"	1/2"	PFL8FS	\$41.72	25
1/2"	3/4"	PFL12FS	41.72	25

Dual Y Valves

Features:

- dual action valve, ideal for compressor applications
- pressure rating:
 - non-vented: **600 PSI** WOG
 - vented: **125 PSI** CWP (Cold Working Pressure)



vented

Non-Vented

Female NPT Inlet (1)	Female NPT Outlets (2)	Brass	
		Part #	Price/E
1"	3/4"	BBV100DW	\$167.00
1 1/4"	3/4"	BBV125DW	167.00

Vented

Female NPT Inlet (1)	Female NPT Outlets (2)	Brass	
		Part #	Price/E
1"	3/4"	BBV100DWV	\$167.00
1 1/4"	3/4"	BBV125DWV	167.00

Steel 3500 Nipples

Features:

- working pressure: **600 PSI** at ambient temperature (70°F)
- for air and water service only
- The constant vibration created by air tools, like air drills and pavement breakers, is destructive to air hose couplings, especially the quick-acting type. To provide protection against coupling breakage and related hazards, Dixon™ recommends the use of a whip hose. To construct a whip hose, connect one end of a short (3' to 10') air hose to the air tool using a 3500 type steel nipple. Connect the other end of the hose to the air supply using the standard quick-acting coupling. The heat-treated 3500 nipple will withstand vibration far better than the standard coupling and provide a safer connection. The whip hose should remain permanently connected to the tool.



Male Nipples

Hose Size	Male NPT	Zinc Plated Steel		Opt Qty
		Part #	Price/E	
1/4"	1/8"	3501	\$6.80	100
1/4"	1/4"	3502	5.50	100
1/4"	3/8"	3504	7.20	100
3/8"	1/4"	3505	6.75	100
3/8"	3/8"	3506	6.75	100
3/8"	1/2"	3508	9.75	100
1/2"	1/4"	3509	7.80	100
1/2"	3/8"	3510	7.30	100
1/2"	1/2"	3512	9.00	100
1/2"	3/4"	3511	14.00	50
3/4"	1/2"	3513	12.75	50
3/4"	3/4"	3514	11.60	50
3/4"	1"	3515	24.70	25
1"	3/4"	3516	20.45	25
1"	1"	3518	17.40	25



F

Female Nipples

Hose Size	Female NPT	Zinc Plated Steel		Opt Qty
		Part #	Price/E	
1/4"	1/4"	3542	\$12.35	100
3/8"	1/4"	3545	12.60	50
3/8"	3/8"	3546	12.75	50
1/2"	3/8"	3550	12.15	100
1/2"	1/2"	3552	14.65	50
3/4"	3/4"	3554	20.40	50



3500 Nipples with Ferrules

Features:

- zinc plated steel 3500 nipple with carbon steel ferrule
- can be crimped or swaged-on to achieve maximum coupling sealing and retention, for crimp dimensions see page 855
- low profile, streamline appearance

Hose Size	Male NPT	Hose OD		Steel	
		From:	To:	Part #	Price/E
3/8"	1/4"	46/64"	50/64"	3505WF	\$16.20
3/8"	1/2"	46/64"	50/64"	3508WF	18.90
1/2"	1/4"	54/64"	58/64"	3509WF	18.70
1/2"	3/8"	54/64"	58/64"	3510WF	18.40
1/2"	3/4"	54/64"	58/64"	3511WF	24.00
1/2"	1/2"	54/64"	58/64"	3512WF	21.90
3/4"	3/4"	1-10/64"	1-14/64"	3514WF	21.70
1"	1"	1-30/64"	1-34/64"	3518WF	24.55
1"	1"	1-34/64"	1-38/64"	3518WF2	24.05



In-Line Lubricators

Features:

- protects portable or stationary air tools by efficiently oiling the tool mechanisms; each time an air tool is operated a fine mist of oil is injected into it along with the air from the compressor
- installation is recommended within 25' of the tool to be lubricated, refer to the arrow for proper air flow direction
- transparent sight disc allows visual inspection of oil level
- oil flow regulated by screwdriver screw adjustment, minimum flow rate is 30 SCFM
- not recommended for constant flow applications
- for reciprocating tools only
- type of oil to use: any petroleum-based, non-detergent light weight oil (SAE 10/150SSU) which will readily break up into a mist, i.e., Mobil DTE light or comparable oil, do not use any synthetic oil or oils containing additives or solvents
- see page 156 for air tool lubricant

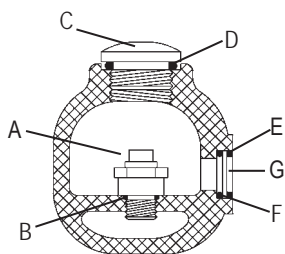


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NPT Size	Oil Capacity	Max. Working Pressure at ambient temperature (70°F)	Air Flow at 70 PSI	Aluminum	
				Part #	Price/E
1/2"	1.4 fluid ozs.	500 PSI	30 SCFM	PL300	\$111.80
3/4"	3.7 fluid ozs.	200 PSI	70 SCFM	PL400	116.90
3/4"	11.0 fluid ozs.	300 PSI	70 SCFM	PL400L	145.00
1"	16.0 fluid ozs.	250 PSI	100 SCFM	PL500	193.40

Replacement Parts

Description	Part #	Price/E	Description	Part #	Price/E
(A) oil adjustment valve assembly	851661	\$46.00	(D) fill plug O-ring	700013-214	\$2.00
(B) valve gasket	452531	2.75	(E) sight disk	452532	2.90
(C) fill plug	452525	14.00	(F) sight disk seal	700013-016	2.30
			(G) sight disk lock nut	452533	6.75



In-Line Air Filters

Features:

- protects small air tools, such as impact wrenches, nut runners, grinders and screwdrivers
- all-anodized, compact housing
- install directly before the air tool
- maximum operating pressure: **500 PSI**
- temperature range: **35°F to 200°F**
- air flow: 140 SCFM
- male x female configuration
- standard 40 micron element ensures minimum pressure drop
- elements can be replaced quickly



Male NPT	Overall Length	Diameter	Aluminum	
			Part #	Price/E
3/4"	3-13/16"	1 1/2"	9076M	\$75.00



Disposable In-Line Nipple Filters

Features:

- for filtration of water, oil and air
- compact and lightweight
- can be installed at point of use
- shape element is conical rather than disc, providing a larger filtering flow and a true, uninterrupted axial flow
- maximum operating pressure: **300 PSI**
- temperature range: **35°F to 300°F**
- standard 40 micron element ensures minimum pressure drop



Male NPT	Overall Length	Hex	Air Flow	Brass	
				Part #	Price/E
1/4"	1 1/2"	9/16"	20 SCFM	ASP3102-40	\$16.90
1/2"	2"	7/8"	50 SCFM	ASP3104-40	22.00

In-Line Lubricator with Filter

Feature:

- consists of **9076M** particle filter with 40 micron sintered bronze element and **PL400** (3.7 ounce) or **PL400L** (11.0 ounce) lubricator

NPT Size	Oil Capacity	Max. Work. Press. at ambient temp. (70°F)	Aluminum	
			Part #	Price/E
3/4"	3.7 fluid ozs.	200 PSI	PL400WF	\$197.10
3/4"	11.0 fluid ozs.	300 PSI	PL400LWF	223.25



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In-Line Lubricator Base

Features:

- base can be fitted to any existing PL lubricator
- keeps lubricator from flipping or rolling over, ensuring that it provides continuous lubrication to the downstream air tool

Used On	Aluminum	
	Part #	Price/E
leveling base for PL300	LB300	\$15.00
leveling base for PL400	LB400	16.75
leveling base for PL500	LB500	16.65



lubricator is not included
with the base

King Cable™

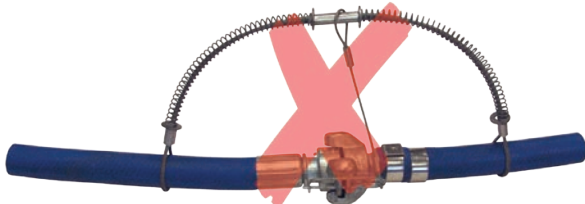
Features:

- must be installed in the extended position (no slack)
- cable reaches across hose fittings to provide standby safety for hose
- spring-loaded loops in the cable ends open easily to pass over the couplings for a firm grip on the hose
- no tools needed - easy to install and remove
- cables shipped with safety restraint labels attached
- highly resistant to rust and corrosion
- hose-to-hose or hose-to-rigid outlet
- maximum operating pressure: **200 PSI**
- minimizes damage to equipment and injuries to operators in the event hose, couplings or clamps fail, or there is an accidental separation of the assembly

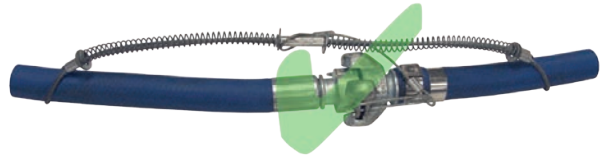


Materials:

- For WB1, WB3, WA2, WA4, WSR1, WSR3, WSR2, WSR4, WSR1C, WB1C, WSR1E:
 - wire rope: galvanized carbon steel
 - ferrules: aluminum
 - springs: galvanized carbon steel
- For WB1SS, WA2SS, WSR1SS, WSR2SS:
 - wire rope: 304 stainless steel
 - ferrules: copper
 - springs: 304 stainless steel
- For WA2B:
 - wire rope: galvanized carbon steel
 - ferrules: copper
 - springs: galvanized carbon steel



incorrect installation



correct installation



hose end

tool end

Style WSR, for hose-to-tool service

Hose ID	Cable	Length	Maximum Working Pressure (PSI)	Steel		Stainless Steel	
				Part #	Price/E	Part #	Price/E
1/2" - 1 1/4"	1/8"	20 1/4"	200	WSR1	\$18.45	WSR1SS	\$48.25
1/2" - 2"	3/16"	28"	200	WSR3	26.50	---	---
1 1/2" - 3"	1/4"	38"	200	WSR2	29.10	WSR2SS	101.80
4"	3/8"	44"	200	WSR4	64.40	---	---



hose end

hose end

Style W, for hose-to-hose service

Hose ID	Cable	Length	Maximum Working Pressure (PSI)	Steel		Stainless Steel	
				Part #	Price/E	Part #	Price/E
1/2" - 1 1/4"	1/8"	20 1/4"	200	WB1	\$18.45	WB1SS	\$51.05
1/2" - 2"	3/16"	28"	200	WB3	27.35	---	---
1 1/2" - 3"	1/4"	38"	200	WA2	30.00	WA2SS	107.10
4"	3/8"	44"	200	WA4	64.45	---	---

King Cable™ Options



WB1C

WB1 with safety clip and lanyard



WSR1E

WSR1E with stainless steel marine eye

Hose ID	Cable	Part #	Description	Max. Work. Press. PSI	Price/E
1/2" - 1 1/4"	1/8"	WSR1C	WSR1 with safety clip and lanyard used to lock Air King™ couplings	200	\$32.10
1/2" - 1 1/4"	1/8"	WB1C	WB1 with safety clip and lanyard used to lock Air King™ couplings	200	31.55
1/2" - 1 1/4"	1/8"	WSR1E	WSR1 with stainless steel safety marine eye used to connect safety cable to a bolt on tool	200	59.00
1 1/2" - 3"	1/4"	WA2B	WA2 with bronze/copper ferrule for special environmental conditions	200	60.10


• see page 808 for OSHA regulations

King™ Safety Whipsock

Application:

- ideally suited for applications where the media being transferred is under higher working pressures such as air, water, hydraulic and slurry

Features:

- King™ Safety Whipsocks keep the hose under control in the event of a high-pressure hose assembly failure.
- dual anchor points secured beyond the fittings eliminate hose whip 
- be sure the anchoring points are rated for the application
- galvanized steel woven stockings extend down the hose to grip securely over a larger area preventing whip, abrasion and wear
- securing both eye-to-rigid or eye-to-eye anchor points reduce whip in the event of a hose connection failure
- contact Dixon™ with questions regarding working pressure, available options or custom configurations

Materials:

- wire rope: galvanized carbon steel
- ferrules: aluminum

Size	OD Range	Length	Max. Working Pressure PSI	Part #	Price/E
3/8"	.315" - .5512"	15.75"	5000	KSW06	\$228.00
1/2"	.5512" - .7874"	21.65"	3000	KSW08	252.00
3/4"	.7874" - 1.181"	25.20"	2000	KSW12	262.00
1"	1.181" - 1.575"	34.25"	1500	KSW16	286.00
1 1/4"	1.575" - 1.969"	38.19"	1000	KSW20	320.00
1 1/2"	1.969" - 2.362"	49.21"	700	KSW24	345.00
2"	2.362" - 2.756"	51.18"	1300	KSW32	390.00
2 1/2"	2.756" - 3.346"	53.15"	800	KSW40	420.00
3"	3.346" - 3.937"	72.44"	750	KSW48	570.00
3 1/2"	3.937" - 4.724"	72.05"	550	KSW56	670.00
4"	4.724" - 5.512"	86.61"	550	KSW64	750.00
6"	5.512" - 7.087"	93.31"	250	KSW96	790.00



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King™ Safety Shackles

NEW

Applications:

- 2 shackles are used to anchor the King™ Safety Whipsock
- securing both eyes to a rigid anchor point to reduce whip in the event of a hose or connection failure

Features:

- recommended bolt, nut, and cotter pin style shackle 
- caution working load must be rated for the application

Material:

- micro alloy steel



Size	Working Load	Fits KSW Eye	Part #	Price/E
1/4"	1/2 ton (1000 lbs)	KSW06-KSW12	KSS04	\$29.50
3/8"	1 1/2 ton (3000 lbs)	KSW16-KSW40	KSS06	45.60
1/2"	3 ton (6000 lbs)	KSW48-KSW96	KSS08	47.00

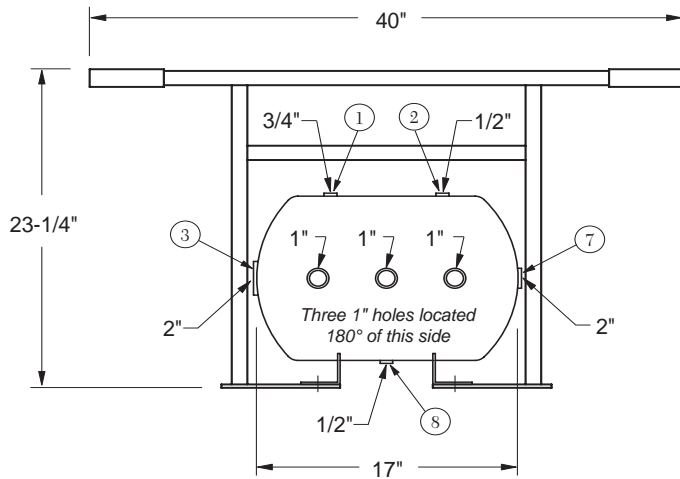
ASME Air Receiver Manifold

Features:

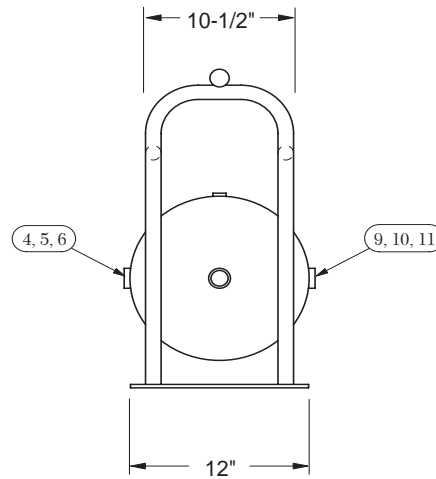
- built to ASME Code, National Board registered
- conforms to OSHA standards 1910.169 and 1926.306
- 7 gallon capacity
- painted safety orange
- all openings are female NPT thread
- working pressure: **200 PSI**



1217AR-4AK



1217AR-4FR



Dixon™ 1217AR-4AK air receiver manifold assembly with Air King™ outlet ports includes the following components:

Part # / Locations	Qty	Description	Price/E	Price
1217AR-4	1	ASME compressed air receiver	---	\$1230.00
1217FRAME	1	protective frame	---	400.00
Location 1	1	HB2F6M 3/4" male x 1/4" female hex bushing	\$7.85	7.85
	1	GL345 0-300 PSI gauge	18.95	18.95
Location 2	1	HB2F4M 1/2" male x 1/4" female hex bushing	4.27	4.27
	1	SV200 safety pop-off valve	35.75	35.75
Location 3	1	GM28 2" male spud	54.00	54.00
	1	B27SC wing nut cap	82.25	82.25
Locations 4, 5, 6, 9, 10, 11	6	HB1075G 1" male x 3/4" female bushings	6.75	40.50
	6	BCN75 3/4" brass hex nipples	7.50	45.00
	6	BBLV75 ball valves	70.40	422.40
	6	SCVS6 safety shut-off valves	99.76	598.56
	6	AM7 Air King™ universal couplings	8.60	51.60
	4	SE45100 45° street elbow (1 each in locations 4, 6, 9 and 11 only)	9.55	38.20
Location 7	1	HB2075 2" male x 3/4" female bushing	8.75	8.75
	1	BCN75 3/4" brass hex nipples	7.50	7.50
	1	BBLV75 ball valve	70.40	70.40
	1	SCVS6 safety shut-off valve	99.76	99.76
	1	AM7 Air King™ universal coupling	8.60	8.60
Location 8	1	HB2F4M 1/2" male x 1/4" female hex bushing	4.27	4.27
	1	D04 1/4" drain cock	5.05	5.05
	---	Labor cost for assembly of complete unit	---	320.00
1217AR-4AK	1	7 gallon ASME compressed air receiver manifold complete assembly with Air King™	---	3535.25
		Tank and Frame only		
1217AR-4FR	1	7 gallon ASME compressed air receiver with frame only	---	\$1610.00

ASME Air Receiver Manifold Assembly with Air King™ Fittings and Watts Filter

Application:

- Designed to remove compressed air contaminants such as water, compressor oil, dirt, pipe scale and water particles from the air supply at the point of entry into the ASME air receiver manifold.

Features:

- includes basic 1217AR-4AK ASME manifold assembly
- F602-16WJR 2" auto drain filter with 26 ounce metal bowl and related plumbing installed on the inlet port of the ASME air receiver manifold
- air supply hose connects directly to GM28 2" male spud on the filter air inlet
- includes a B27SC wing nut cap with a chain



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Inlet	Outlet	Part #	Price/E
2"	3/4"	1217AR-4AKWF	\$4995.00

Wilkerson Combination Unit with Protective Frame

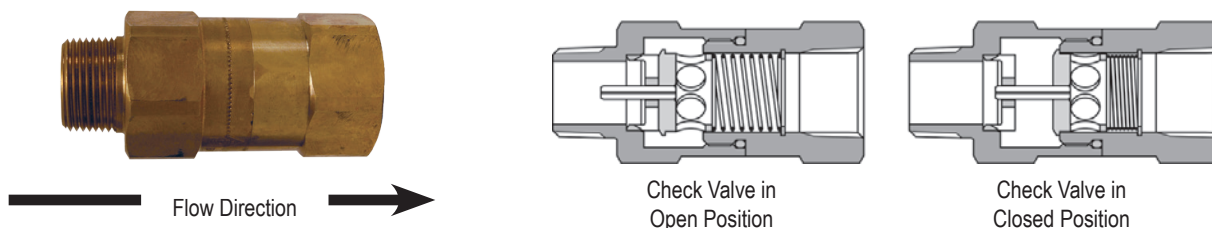
Features:

- provides downstream air preparation with protective frame
- C31-08AMB 1" FRL with metal bowls and auto drain filter
- FBV100 1" brass ball valve and AM12 air king on inlet port
- BBV100DTW 2-way ball valve installed between regulator and lubricator provides option for non-lubricated air
- heavy duty frame protects air prep components
- operating:
 - maximum pressure: **250 PSIG**
 - temperature range: **40°F to 150°F**
 - flow: 320 SCFM



Size	Part #	Price/E
1"	C31-08FRAME	\$2045.00

Safety Check Valves



Application:

- used in temporary plant/factory air lines, construction sites, shipyards or utilities
- not for use in applications where 100% of the available air is required, i.e. sand blast, pile driving rigs, expansion joint blow down pipes, etc.



Features:

- high flow valve provides optimum performance
- controls excess air flow (SCFM) in only one direction
- automatically senses change in air flow and shuts off the flow in the event of a surge in excess of valve flow rating thus preventing hose whip
- solid brass body and valve
- stainless steel spring and roll pin
- maximum operating pressure: **250 PSI**
- maximum temperature: **250°F**
- does not prevent backflow

Specification:

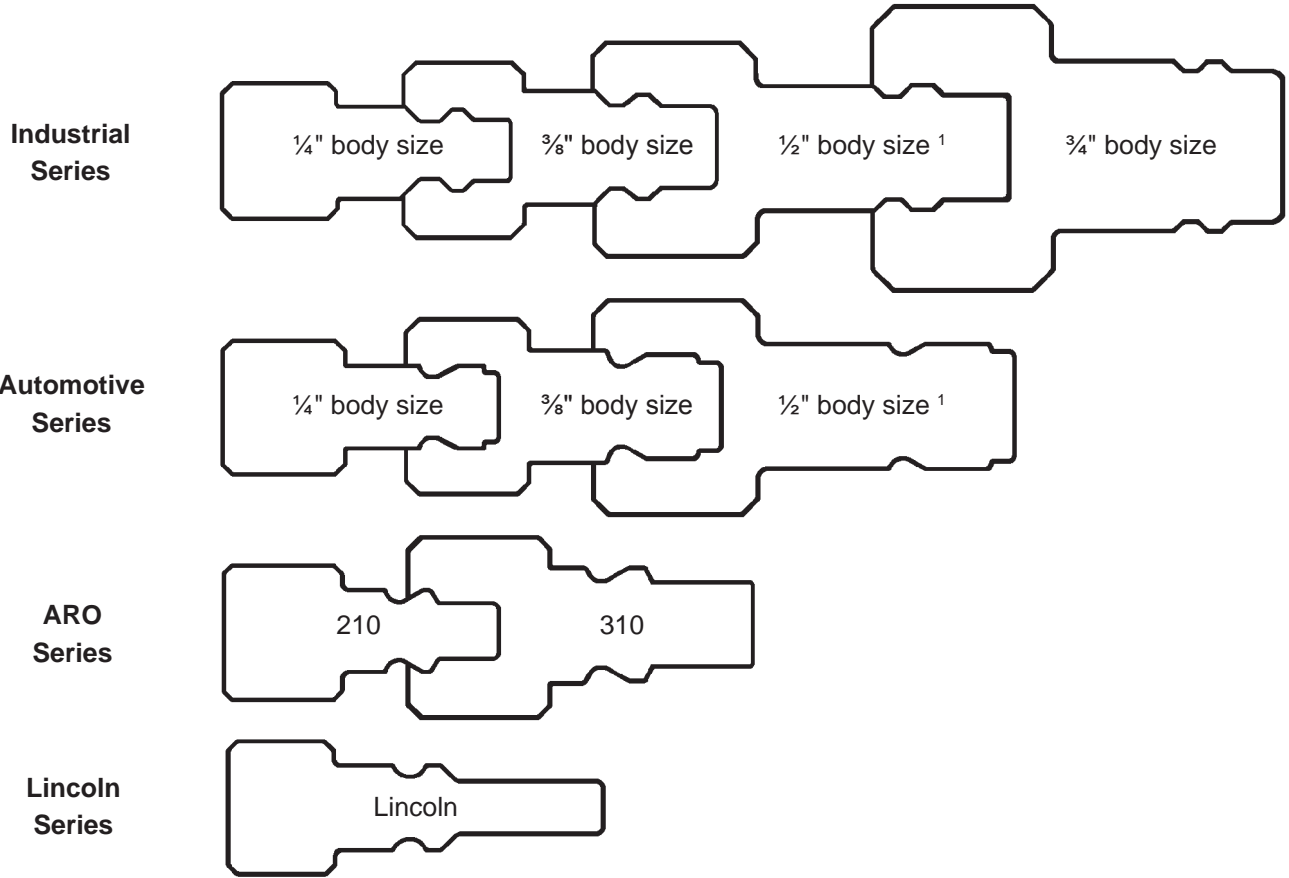
- conforms to OSHA regulation 1926.302 (b) (7) requiring a safety device at the source of the air supply and at branch air lines

How It Works:

- Safety check valves utilize the pressure differential across the valve to operate the valve and spring assembly. The pressure differential is directly related to the flow of air (SCFM) through the valve.
- When the pressure differential is within the operating limits - below the cutoff flow - of the unit, the force on the valve exerted by the spring is greater than that caused by the pressure differential (see "Open Position" graphic above). The valve remains open and normal operation continues.
- When the pressure differential is above the cutoff limit, the force on the valve exerted by the pressure differential is greater than the force exerted by the spring, and the valve closes (see the "Closed Position" graphic above).
- After the repair is made, normal operation is automatically enabled when pressure across the valve equalizes through the bleeder hole.
- The valve spring size can be specified by determining the air flow during normal operation and by estimating the air flow if a failure or rupture occurs.

NPT and Hose ID Size	Part #	Cut-off Flow Rate (SCFM at 90 PSI)	Price/E	NPT and Hose ID Size	Part #	Cut-off Flow Rate (SCFM at 90 PSI)	Price/E
1/4"	SCVL2	23-29	\$62.58	1 1/4"	SCVL10	260-290	\$233.05
3/8"	SCVM3	39-47	58.70		SCVM10	300-340	233.05
	SCVS3	52-65	58.70		SCVS10	440-500	233.05
1/2"	SCVM4	70-78	63.03		SCVH10	570-630	233.05
	SCVS4	80-96	63.03	1 1/2"	SCVL12	300-360	390.90
3/4"	SCVL6	72-88	99.76		SCVM12	470-530	390.90
	SCVM6	92-108	99.76		SCVS12	640-720	390.90
	SCVR6	112-128	99.76		SCVH12	750-830	390.90
	SCVJ6	132-148	99.76	2"	SCVL16	510-590	533.79
SCVS6	160-180	99.76	SCVM16		725-825	533.79	
SCVH6	180-200	99.76	SCVS16		900-1050	533.79	
1"	SCVL8	165-195	112.82		SCVH16	1100-1200	533.79
	SCVM8	220-260	112.82	3"	SCVL24	1200-1400	2266.67
	SCVS8	280-320	112.82		SCVS24	2400-2700	2266.67
	SCVH8	310-340	112.82		SCVH24	2850-3050	2266.67

Actual Size Profile Chart



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¹ 1/2" industrial series may also interchange with 1/2" automotive series

1/4" Ball Swivel Plugs

Features:

- threaded portion is brass
- plug and nut portion is nickel-plated hardened steel
- pressure rating: **250 PSI**

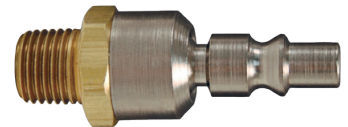
Male NPT Ball Swivel x Industrial Plug

Body Size	Male NPT	Part #	Price/E	Opt Qty
1/4"	1/4"	DCP21SWIV	\$17.70	10



Male NPT Ball Swivel x ARO Plug

Body Size	Male NPT	Part #	Price/E	Opt Qty
1/4"	1/4"	DCP37SWIV	\$17.70	10




Male NPT Ball Swivel x Automotive Plug

Body Size	Male NPT	Part #	Price/E	Opt Qty
1/4"	1/4"	DCP1SWIV	\$17.70	25



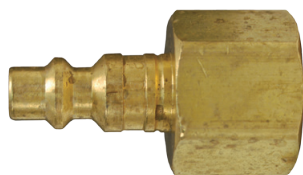
Air Chief Industrial Interchange Quick-Connect Plugs

Features:

- pressure rating: **300 PSI**
- temperature range: **-40°F to 250°F**
- interchanges with many other manufacturer's designs
- interchanges with MIL Spec. MIL-C-4109F/A-A-59439
- for air service only 

Female Pipe Thread

Body Size	Female NPT	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
1/4"	1/8"	steel	37 CFM	DCP2021	\$3.80	20
1/4"	1/4"	steel	37 CFM	DCP20	3.05	20
1/4"	3/8"	steel	37 CFM	DCP2023	6.20	20
3/8"	1/4"	steel	70 CFM	DCP2622	5.00	10
3/8"	3/8"	steel	70 CFM	DCP26	5.65	10
3/8"	1/2"	steel	70 CFM	DCP2624	10.75	10
1/2"	3/8"	steel	150 CFM	DCP1823	10.50	10
1/2"	1/2"	steel	150 CFM	DCP18	9.25	10
1/2"	3/4"	steel	150 CFM	DCP1826	15.80	10
3/4"	1/2"	steel	200 CFM	DCP7024	17.55	10
3/4"	3/4"	steel	200 CFM	DCP7026	19.20	5
3/4"	1"	steel	200 CFM	DCP7028	34.85	5
1/4"	1/4"	brass	37 CFM	DCP20B	3.41	20
1/4"	3/8"	brass	37 CFM	DCP2023B	5.23	20
1/4"	1/4"	303 stainless	37 CFM	DCP20S	11.58	5
3/8"	3/8"	303 stainless	70 CFM	DCP26S	26.32	5
1/2"	1/2"	303 stainless	150 CFM	DCP18S	28.65	5



Male Pipe Thread

Body Size	Male NPT	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
1/4"	1/8"	steel	37 CFM	DCP2101	\$3.00	20
1/4"	1/4"	steel	37 CFM	DCP21	2.65	20
1/4"	3/8"	steel	37 CFM	DCP2103	4.25	20
3/8"	1/4"	steel	70 CFM	DCP2502	4.50	10
3/8"	3/8"	steel	70 CFM	DCP25	4.50	10
3/8"	1/2"	steel	70 CFM	DCP2504	9.25	10
1/2"	3/8"	steel	150 CFM	DCP1703	7.60	10
1/2"	1/2"	steel	150 CFM	DCP17	7.50	10
1/2"	3/4"	steel	150 CFM	DCP1706	14.15	10
3/4"	1/2"	steel	200 CFM	DCP7104	16.00	10
3/4"	3/4"	steel	200 CFM	DCP7106	16.25	5
3/4"	1"	steel	200 CFM	DCP7108	25.30	5
1/4"	1/8"	brass	37 CFM	DCP2101B	3.64	20
1/4"	1/4"	brass	37 CFM	DCP21B	2.39	20
1/4"	3/8"	brass	37 CFM	DCP2103B	4.54	20
1/4"	1/4"	303 stainless	37 CFM	DCP21S	9.13	5
3/8"	3/8"	303 stainless	70 CFM	DCP25S	18.72	5
1/2"	1/2"	303 stainless	150 CFM	DCP17S	28.65	5



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Air Chief Industrial Interchange Quick-Connect Plugs

Features:

- pressure rating: **300 PSI**
- temperature range: **-40°F to 250°F**
- interchanges with many other manufacturer's designs
- interchanges with MIL Spec. MIL-C-4109F/A-A-59439
- for air service only



Standard Hose Barb

Body Size	Hose ID	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
1/4"	1/4"	steel	37 CFM	DCP2142	\$3.73	20
1/4"	5/16"	steel	37 CFM	DCP2143	5.35	20
1/4"	3/8"	steel	37 CFM	DCP2144	5.00	20
3/8"	1/4"	steel	70 CFM	DCP2542	7.01	10
3/8"	3/8"	steel	70 CFM	DCP2544	5.44	10
3/8"	1/2"	steel	70 CFM	DCP2545	8.60	10
1/2"	3/8"	steel	150 CFM	DCP1744	7.60	10
1/2"	1/2"	steel	150 CFM	DCP1745	7.01	10
1/2"	3/4"	steel	150 CFM	DCP1746	11.65	10
3/4"	1/2"	steel	200 CFM	DCP7145	22.75	5
3/4"	3/4"	steel	200 CFM	DCP7146	22.25	5
3/4"	1"	steel	200 CFM	DCP7148	33.85	5
1/4"	1/4"	brass	37 CFM	DCP2142B	3.92	20
1/4"	3/8"	brass	37 CFM	DCP2144B	4.62	20
1/4"	1/4"	303 stainless	37 CFM	DCP2142S	11.93	5
3/8"	3/8"	303 stainless	70 CFM	DCP2544S	19.30	5
1/2"	1/2"	303 stainless	150 CFM	DCP1745S	28.65	5



DCP7145

F


Push-On Hose Barb

Body Size	Hose ID	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
1/4"	1/4"	steel	37 CFM	DCP2142L	\$3.73	25
1/4"	3/8"	steel	37 CFM	DCP2144L	5.00	25
3/8"	1/4"	steel	70 CFM	DCP2542L	7.35	25
3/8"	3/8"	steel	70 CFM	DCP2544L	6.30	25



Air Chief Industrial Interchange Quick-Connect Couplers

Features:

- couplers shut-off when disconnected
- pressure rating: **300 PSI**
- temperature range: **-40°F to 250°F**
- interchanges with many other manufacturer's designs
- interchanges with MIL Spec. MIL-C-4109F/A-A-59439
- for air service only 

Female Pipe Thread

Body Size	Female NPT	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
1/4"	1/8"	brass	37 CFM	DC2021	\$15.85	10
1/4"	1/4"	brass	37 CFM	DC20	10.45	10
1/4"	3/8"	brass	37 CFM	DC2023	14.40	10
3/8"	1/4"	steel	70 CFM	DC2622	23.75	10
3/8"	3/8"	steel	70 CFM	DC26	22.20	10
3/8"	1/2"	steel	70 CFM	DC2624	29.60	10
1/2"	3/8"	steel	150 CFM	DC1023	33.30	10
1/2"	1/2"	steel	150 CFM	DC10	31.20	10
1/2"	3/4"	steel	150 CFM	DC1026	41.00	10
3/4"	1/2"	brass	200 CFM	DC7024 ¹	68.65	1
3/4"	3/4"	brass	200 CFM	DC7026 ¹	70.25	1
3/4"	1"	brass	200 CFM	DC7028 ¹	76.35	1
1/4"	1/4"	303 stainless	37 CFM	DC20S	49.12	5
3/8"	3/8"	303 stainless	70 CFM	DC26S	85.38	5
1/2"	1/2"	303 stainless	150 CFM	DC10S	107.59	5

Male Pipe Thread

Body Size	Male NPT	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
1/4"	1/8"	brass	37 CFM	DC2101	\$13.45	10
1/4"	1/4"	brass	37 CFM	DC21	11.20	10
1/4"	3/8"	brass	37 CFM	DC2103	13.40	10
3/8"	1/4"	steel	70 CFM	DC2502	22.95	10
3/8"	3/8"	steel	70 CFM	DC25	23.10	10
3/8"	1/2"	steel	70 CFM	DC2504	28.35	10
1/2"	3/8"	steel	150 CFM	DC903	31.25	10
1/2"	1/2"	steel	150 CFM	DC9	27.45	10
1/2"	3/4"	steel	150 CFM	DC906	36.90	10
3/4"	1/2"	brass	200 CFM	DC7104 ¹	72.80	1
3/4"	3/4"	brass	200 CFM	DC7106 ¹	74.50	1
3/4"	1"	brass	200 CFM	DC7108 ¹	82.65	1
1/4"	1/4"	303 stainless	37 CFM	DC21S	45.61	5
3/8"	3/8"	303 stainless	70 CFM	DC25S	81.86	5
1/2"	1/2"	303 stainless	150 CFM	DC9S	111.45	5

Standard Hose Barb

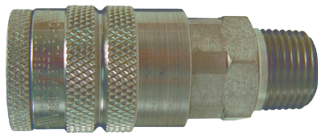
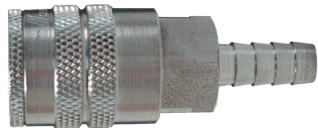
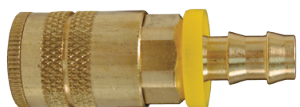
Body Size	Hose ID	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
1/4"	1/4"	brass	37 CFM	DC2042	\$13.90	10
1/4"	5/16"	brass	37 CFM	DC2043	14.30	10
1/4"	3/8"	brass	37 CFM	DC2044	13.70	10
3/8"	1/4"	steel	70 CFM	DC2642	26.24	10
3/8"	3/8"	steel	70 CFM	DC2644	24.50	10
3/8"	1/2"	steel	70 CFM	DC2645	26.05	10
1/2"	3/8"	steel	150 CFM	DC1044	35.60	10
1/2"	1/2"	steel	150 CFM	DC1045	33.45	10
1/2"	3/4"	steel	150 CFM	DC1046	35.30	10
3/4"	1/2"	brass	200 CFM	DC7045 ¹	79.95	1
3/4"	3/4"	brass	200 CFM	DC7046 ¹	80.95	1
3/4"	1"	brass	200 CFM	DC7048 ¹	83.65	1
1/4"	1/4"	303 stainless	37 CFM	DC2042S	56.14	5
3/8"	3/8"	303 stainless	70 CFM	DC2644S	86.54	5
1/2"	1/2"	303 stainless	150 CFM	DC1045S	111.45	5

¹ 3/4" are automatic sleeve

Push-On Hose Barb


Body Size	Hose ID	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
1/4"	1/4"	brass	37 CFM	DC2042L	\$13.75	25
1/4"	3/8"	brass	37 CFM	DC2044L	14.05	25
3/8"	1/4"	steel	70 CFM	DC2642L	32.45	25
3/8"	3/8"	steel	70 CFM	DC2644L	26.30	25

F

semi-automatic
pull sleeve to connectsemi-automatic
pull sleeve to connectsemi-automatic
pull sleeve to connectsemi-automatic
pull sleeve to connect

Air Chief Industrial Interchange Quick-Connect Couplers

Features:

- couplers shut-off when disconnected
- pressure rating: **300 PSI**
- temperature range: **-40°F to 250°F**
- interchanges with many other manufacturer's designs
- interchanges with MIL Spec. MIL-C-4109F/A-A-59439
- for air service only 

Female Pipe Thread

Body Size	Female NPT	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
1/4"	1/4"	brass	27 CFM	DCB20	\$13.17	24
1/4"	3/8"	brass	27 CFM	DCB2023	15.54	24
3/8"	1/4"	brass	45 CFM	DCB2622	26.78	12
3/8"	3/8"	brass	45 CFM	DCB26	25.73	12
3/8"	1/2"	brass	45 CFM	DCB2624	28.07	12
1/2"	3/8"	brass	91 CFM	DCB1023	35.62	6
1/2"	1/2"	brass	91 CFM	DCB10	36.26	6
1/2"	3/4"	brass	91 CFM	DCB1026	36.26	6
3/4"	1/2"	brass	200 CFM	DC7024	68.65	1
3/4"	3/4"	brass	200 CFM	DC7026	70.25	1
3/4"	1"	brass	200 CFM	DC7028	76.35	1
1/4"	1/4"	303 stainless	27 CFM	DCS20	69.28	5
3/8"	3/8"	303 stainless	45 CFM	DCS26	103.50	5
1/2"	1/2"	303 stainless	91 CFM	DCS10	139.62	5

automatic
push-to-connect

F

Male Pipe Thread

Body Size	Male NPT	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
1/4"	1/4"	brass	27 CFM	DCB21	\$13.17	24
1/4"	3/8"	brass	27 CFM	DCB2103	15.54	24
3/8"	1/4"	brass	45 CFM	DCB2502	26.78	12
3/8"	3/8"	brass	45 CFM	DCB25	25.73	12
3/8"	1/2"	brass	45 CFM	DCB2504	27.21	12
1/2"	3/8"	brass	91 CFM	DCB903	33.99	6
1/2"	1/2"	brass	91 CFM	DCB9	33.06	6
1/2"	3/4"	brass	91 CFM	DCB906	34.89	6
3/4"	1/2"	brass	200 CFM	DC7104	72.80	1
3/4"	3/4"	brass	200 CFM	DC7106	74.50	1
3/4"	1"	brass	200 CFM	DC7108	82.65	1
1/4"	1/4"	303 stainless	27 CFM	DCS21	62.58	5
3/8"	3/8"	303 stainless	45 CFM	DCS25	100.44	5
1/2"	1/2"	303 stainless	91 CFM	DCS9	132.09	5

automatic
push-to-connect

Standard Hose Barb


Body Size	Hose ID	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
1/4"	1/4"	brass	27 CFM	DCB2042	\$13.45	24
1/4"	3/8"	brass	27 CFM	DCB2044	15.55	24
3/8"	1/4"	brass	45 CFM	DCB2642	28.07	12
3/8"	3/8"	brass	45 CFM	DCB2644	24.56	12
3/8"	1/2"	brass	45 CFM	DCB2645	29.24	12
1/2"	3/8"	brass	91 CFM	DCB1044	35.62	6
1/2"	1/2"	brass	91 CFM	DCB1045	36.11	6
1/2"	3/4"	brass	91 CFM	DCB1046	36.44	6
3/4"	1/2"	brass	200 CFM	DC7045	79.95	1
3/4"	3/4"	brass	200 CFM	DC7046	80.95	1
3/4"	1"	brass	200 CFM	DC7048	83.65	1
1/4"	1/4"	303 stainless	27 CFM	DCS2042	75.83	5
3/8"	3/8"	303 stainless	45 CFM	DCS2644	101.10	5
1/2"	1/2"	303 stainless	91 CFM	DCS1045	119.13	5

automatic
push-to-connect

Parker E-z-mate Industrial Interchange Couplers

E-z-mate couplings combine push-to-connect, exhaust-style action with a self-locking valve sleeve to guard against accidental disconnection. Simply follow the direction of the on-off arrow stamped on the yellow chromate valve sleeve. Valve sleeve acts as an integral shut-off valve that allows connection and disconnection at zero pressure. When the sleeve is moved to shut off air flow, it automatically vents downstream allowing for disconnection at zero pressure and eliminating the risk of hose whip.

Features:

- pressure rating: **300 PSI**
- temperature range (standard seals): **-40°F to +250°F**
- meets ISO 4414 requirements for a controlled pressure release system
- not recommended for vacuum service 

Female Pipe Thread

Body Size	Female NPT	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
1/4"	1/4"-18	steel	37 CFM	DC20SE	\$55.60	10
1/4"	3/8"-18	steel	37 CFM	DC2023SE	59.95	10
3/8"	3/8"-18	steel	70 CFM	DC26SE	67.35	5
3/8"	1/2"-14	steel	70 CFM	DC2624SE	73.20	5
1/2"	1/2"-14	steel	150 CFM	DC10SE	78.55	5
1/2"	3/4"-14	steel	150 CFM	DC1026SE	88.75	5
3/4"	3/4"-14	steel	200 CFM	DC7026SE	115.30	5
3/4"	1"-11-1/2	steel	200 CFM	DC7028SE	136.70	5

Male Pipe Thread

Body Size	Male NPT	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
1/4"	1/4"-18	steel	37 CFM	DC21SE	\$63.75	10
1/4"	3/8"-18	steel	37 CFM	DC2103SE	74.50	10
3/8"	3/8"-18	steel	70 CFM	DC25SE	81.10	5
1/2"	1/2"-14	steel	150 CFM	DC9SE	86.20	5
3/4"	3/4"-14	steel	200 CFM	DC7106SE	154.85	5

Standard Hose Barb

Body Size	Hose ID	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
1/4"	1/4"	steel	37 CFM	DC2042SE	\$76.50	10
1/4"	3/8"	steel	37 CFM	DC2044SE	80.10	10
3/8"	3/8"	steel	70 CFM	DC2644SE	85.70	5
1/2"	1/2"	steel	150 CFM	DC1045SE	92.10	5

Push-Lock Hose Barb

Body Size	Hose ID	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
1/4"	1/4"	steel	37 CFM	DC2042LSE	\$91.80	10
1/4"	3/8"	steel	37 CFM	DC2044LSE	77.55	10
3/8"	3/8"	steel	70 CFM	DC2644LSE	82.65	5
1/2"	1/2"	steel	150 CFM	DC1045LSE	92.10	5

Legris Automatic Industrial Interchange Safety Couplers

Applications:

- suited for numerous installations including: pneumatic tools, blow guns, pneumatic automotive equipment

Features:

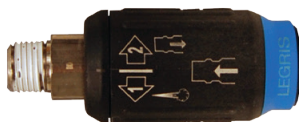
- temperature range: **-4°F to 140°F**
- working pressure: **230 PSI**
- composite, non-marring body
- 1/4" body size ensures excellent flow and total security due to disconnection in two steps
- compatible with industrial interchange plugs



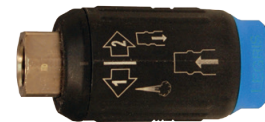
1. vents plug side



2. disconnects



male NPT straight body



female NPT straight body

Body Size	NPT Size	Part #	Price/E
1/4"	1/4"	9405U0614	\$41.80
1/4"	3/8"	9405U0618	46.95

Body Size	NPT Size	Part #	Price/E
1/4"	1/4"	9415U0614	\$41.85
1/4"	3/8"	9415U0618	46.85

Air Chief Automotive Interchange Quick-Connect Plugs

Features:

- pressure rating: **300 PSI**
- temperature range: **-40°F to 250°F**
- interchange with popular makes of automotive quick-connect fittings such as Amflo, Dill, Milton and Truflate, some designs do not interchange with others, if you plan to interchange these couplings make sure you have plug ends with the proper configuration

Female Pipe Thread

Body Size	Female NPT	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
1/4"	1/8"	steel	37 CFM	DCP221	\$3.50	25
1/4"	1/4"	steel	37 CFM	DCP2	3.50	20
1/4"	3/8"	steel	37 CFM	DCP223	7.05	20
3/8"	1/4"	steel	70 CFM	DCP8	4.45	10
3/8"	3/8"	steel	70 CFM	DCP6	8.35	10
3/8"	1/2"	steel	70 CFM	DCP624	11.65	10
1/2"	3/8"	steel	150 CFM	DCP1823	10.50	10
1/2"	1/2"	steel	150 CFM	DCP18	9.25	10
1/2"	3/4"	steel	150 CFM	DCP1826	15.80	10



Male Pipe Thread

Body Size	Male NPT	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
1/4"	1/8"	steel	37 CFM	DCP101	\$4.40	20
1/4"	1/4"	steel	37 CFM	DCP1	2.70	20
1/4"	3/8"	steel	37 CFM	DCP103	4.90	20
3/8"	1/4"	steel	70 CFM	DCP7	4.40	10
3/8"	3/8"	steel	70 CFM	DCP5	4.80	10
1/2"	3/8"	steel	150 CFM	DCP1703	7.60	10
1/2"	1/2"	steel	150 CFM	DCP17	7.50	20
1/2"	3/4"	steel	150 CFM	DCP1706	14.15	10



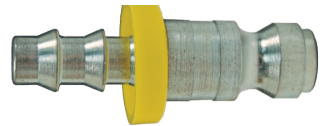
Standard Hose Barb

Body Size	Hose ID	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
1/4"	1/4"	steel	37 CFM	DCP142	\$5.35	20
1/4"	3/8"	steel	37 CFM	DCP144	5.25	20
3/8"	1/4"	steel	70 CFM	DCP542	7.95	10
3/8"	3/8"	steel	70 CFM	DCP544	6.65	25
1/2"	3/8"	steel	150 CFM	DCP1744	7.60	10
1/2"	1/2"	steel	150 CFM	DCP1745	7.01	10
1/2"	3/4"	steel	150 CFM	DCP1746	11.65	10



Push-On Hose Barb

Body Size	Hose ID	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
1/4"	1/4"	steel	37 CFM	DCP142L	\$5.80	25
1/4"	3/8"	steel	37 CFM	DCP144L	5.80	25
3/8"	3/8"	steel	70 CFM	DCP544L	7.35	25



Air Chief Automotive Interchange Quick-Connect Couplers

Features:

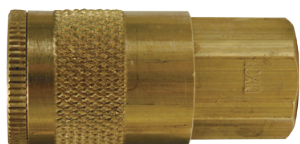
- pressure rating: **300 PSI**
- temperature range: **-40°F to 250°F**
- interchanges with popular makes of automotive quick-connect fittings such as Amflo, Dill, Milton and Truflate, some makes do not interchange with any others, if you plan to interchange these couplings make sure you have plug ends with the proper configuration

Female Pipe Thread

Body Size	Female NPT	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
1/4"	1/8"	brass	37 CFM	DC221	\$15.25	25
1/4"	1/4"	brass	37 CFM	DC2	11.10	25
1/4"	3/8"	brass	37 CFM	DC223	15.30	10
3/8"	1/4"	steel	70 CFM	DC8	23.20	10
3/8"	3/8"	steel	70 CFM	DC6	22.55	10
3/8"	1/2"	steel	70 CFM	DC624	31.15	10
1/2"	3/8"	steel	150 CFM	DC1023	33.30	10
1/2"	1/2"	steel	150 CFM	DC10	31.20	10
1/2"	3/4"	steel	150 CFM	DC1026	41.00	10

F

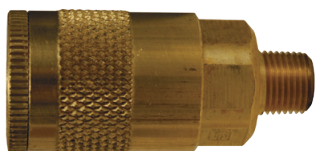
semi-automatic
pull sleeve to connect



Male Pipe Thread

Body Size	Male NPT	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
1/4"	1/8"	brass	37 CFM	DC101	\$14.15	10
1/4"	1/4"	brass	37 CFM	DC1	11.05	10
1/4"	3/8"	brass	37 CFM	DC103	14.10	10
3/8"	1/4"	steel	70 CFM	DC7	23.15	10
3/8"	3/8"	steel	70 CFM	DC5	22.50	10
3/8"	1/2"	steel	70 CFM	DC504	27.80	10
1/2"	3/8"	steel	150 CFM	DC903	31.25	10
1/2"	1/2"	steel	150 CFM	DC9	27.45	10
1/2"	3/4"	steel	150 CFM	DC906	36.90	10

semi-automatic
pull sleeve to connect



Standard Hose Barb

Body Size	Hose ID	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
1/4"	1/4"	brass	37 CFM	DC242	\$15.05	10
1/4"	5/16"	brass	37 CFM	DC243	11.60	10
1/4"	3/8"	brass	37 CFM	DC244	15.45	10
3/8"	1/4"	steel	70 CFM	DC642	26.24	10
3/8"	3/8"	steel	70 CFM	DC644	24.50	10
3/8"	1/2"	steel	70 CFM	DC645	27.30	10
1/2"	3/8"	steel	150 CFM	DC1044	35.60	10
1/2"	1/2"	steel	150 CFM	DC1045	33.45	10
1/2"	3/4"	steel	150 CFM	DC1046	35.30	10

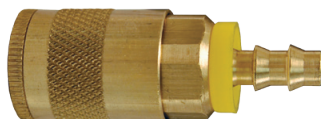
semi-automatic
pull sleeve to connect



Push-On Hose Barb

Body Size	Hose ID	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
1/4"	1/4"	brass	37 CFM	DC242L	\$14.70	25
1/4"	3/8"	brass	37 CFM	DC244L	15.45	25
3/8"	3/8"	steel	70 CFM	DC644L	26.30	25

semi-automatic
pull sleeve to connect



Air Chief ARO Speed Quick-Connect Plugs

Features:

- pressure rating: **300 PSI** at ambient temperature (70°F)
- interchanges with ARO 210 and 310 designs

Female Pipe Thread

Body Size	Female NPT	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
1/4"	1/4"	steel	37 CFM	DCP38	\$3.15	10
1/4"	3/8"	steel	37 CFM	DCP3823	8.25	10
3/8"	3/8"	steel	70 CFM	DCP36	9.70	25



Male Pipe Thread

Body Size	Male NPT	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
1/4"	1/4"	steel	37 CFM	DCP37	\$3.00	10
1/4"	3/8"	steel	37 CFM	DCP3703	6.45	10
3/8"	3/8"	steel	70 CFM	DCP35	8.70	25



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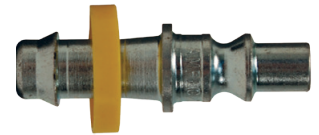
Standard Hose Barb

Body Size	Hose ID	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
1/4"	1/4"	steel	37 CFM	DCP3742	\$5.35	10
1/4"	3/8"	steel	37 CFM	DCP3744	5.06	25



Push-On Hose Barb

Body Size	Hose ID	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
1/4"	1/4"	steel	37 CFM	DCP3742L	\$6.50	25
1/4"	3/8"	steel	37 CFM	DCP3744L	10.40	25



Air Chief ARO Speed Quick-Connect Couplers

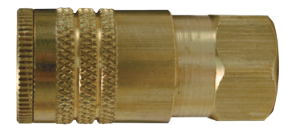
Features:

- pressure rating: **300 PSI** at ambient temperature (70°F)
- interchange with ARO 210 and 310 designs
- couplers shut-off when disconnected

semi-automatic - pull sleeve to connect

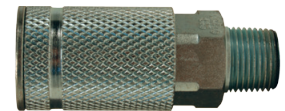
Female Pipe Thread

Body Size	Female NPT	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
1/4"	1/4"	brass	37 CFM	DC38	\$11.95	10
1/4"	3/8"	brass	37 CFM	DC3823	15.85	10
3/8"	3/8"	steel	70 CFM	DC36	35.35	25



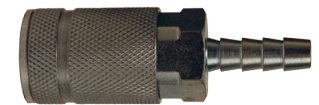
Male Pipe Thread

Body Size	Male NPT	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
1/4"	1/4"	brass	37 CFM	DC37	\$12.90	10
1/4"	3/8"	brass	37 CFM	DC3703	16.15	10
3/8"	3/8"	steel	70 CFM	DC35	32.25	25



Standard Hose Barb

Body Size	Hose ID	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
1/4"	1/4"	steel	37 CFM	DC3842	\$19.60	10
1/4"	3/8"	steel	37 CFM	DC3844	23.30	25



Push-On Hose Barb

Body Size	Hose ID	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
1/4"	1/4"	brass	37 CFM	DC3842L	\$15.30	25
1/4"	3/8"	brass	37 CFM	DC3844L	15.75	25



Air Chief A Series Quick-Connect Plugs

Application:

- for use in compressed air service where the convenience of one hand operation and a compact profile is desired

Features:

- maximum operating pressure: **500 PSI** at ambient temperature (70°F)
- machined from solid brass bar stock
- stainless steel balls and springs maximize corrosion resistance

Female Pipe Thread



Body Size	Female NPT	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
1/8"	1/8"	brass	7 CFM	A1F1-B	\$7.82	20
1/4"	1/4"	brass	25 CFM	A2F2-B	7.82	20

Male Pipe Thread



Body Size	Male NPT	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
1/8"	1/8"	brass	7 CFM	A1M1-B	\$7.82	20
1/4"	1/4"	brass	25 CFM	A2M2-B	7.82	20

Hose Barb



Body Size	Hose ID	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
1/8"	1/8"	brass	7 CFM	A1S1-B	\$7.82	20

Air Chief A Series Quick-Connect Couplers

automatic - push to connect

Female Pipe Thread



Body Size	Female NPT	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
1/8"	1/8"	brass	7 CFM	1AF1-B	\$25.48	20
1/4"	1/4"	brass	25 CFM	2AF2-B	26.64	20

Male Pipe Thread



Body Size	Male NPT	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
1/8"	1/8"	brass	7 CFM	1AM1-B	\$25.48	20
1/4"	1/4"	brass	25 CFM	2AM2-B	26.64	20

Hose Barb



Body Size	Hose ID	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
1/8"	1/8"	brass	7 CFM	1AS1-B	\$27.80	20
1/4"	1/4"	brass	25 CFM	2AS2-B	28.95	20

Air Chief Universal Quick-Connect Fittings

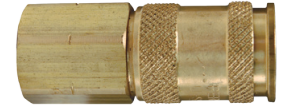
Features:

- the first 6-in-1 coupler available
- compatible with ARO 210, MIL-C-4109F, Truflate, Lincoln Interchange, Italian Standard and CEJN 320
- Euro-style valving ensures maximum flow performance and automatic connection with minimal force required
- sleeve-guard lip reduces the risk of accidental disconnection while in service
- maximum operating pressure: **300 PSI**

automatic - push to connect

Female Pipe Thread

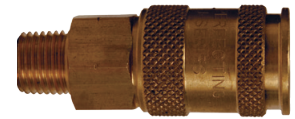
Body Size	Female NPT	Material	Flow Rating at 100 PSI	Part #	Price/E
1/4"	1/4"	brass	37 CFM	UDC20	\$18.11
1/4"	3/8"	brass	37 CFM	UDC2023	18.76



F

Male Pipe Thread

Body Size	Male NPT	Material	Flow Rating at 100 PSI	Part #	Price/E
1/4"	1/4"	brass	37 CFM	UDC21	\$18.11
1/4"	3/8"	brass	37 CFM	UDC2103	19.84



Standard Hose Barb

Body Size	Hose ID	Material	Flow Rating at 100 PSI	Part #	Price/E
1/4"	1/4"	brass	37 CFM	UDC2042	\$19.23
1/4"	3/8"	brass	37 CFM	UDC2044	19.84



Air Chief Lincoln Interchange Series Quick-Connect Plugs

Features:

- interchangeable with the Lincoln Interchange long stem series
- pressure rating: **300 PSI** at ambient temperature (70°F)

Female Pipe Thread

Body Size	Female NPT	Material	Flow Rating at 100 PSI	Part #	Price/E	Pkg Qty
1/4"	1/4"	steel	37 CFM	DCP28	\$8.00	10



Male Pipe Thread

Body Size	Male NPT	Material	Flow Rating at 100 PSI	Part #	Price/E	Pkg Qty
1/4"	1/4"	steel	37 CFM	DCP27	\$6.55	10



Air Chief Lincoln Interchange Series Quick-Connect Couplers

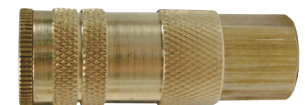
Features:

- interchangeable with the Lincoln Interchange long stem series
- couplers shut-off when disconnected
- pressure rating: **300 PSI**

semi-automatic - pull sleeve to connect

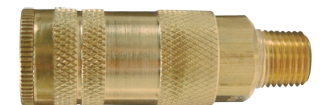
Female Pipe Thread

Body Size	Female NPT	Material	Flow Rating at 100 PSI	Part #	Price/E	Pkg Qty
1/4"	1/4"	brass	37 CFM	DC28	\$18.65	10



Male Pipe Thread

Body Size	Male NPT	Material	Flow Rating at 100 PSI	Part #	Price/E	Pkg Qty
1/4"	1/4"	brass	37 CFM	DC27	\$19.30	10



Dixon™ Keychain



Feature:

- halves separate like a coupler and plug

Plated Steel Part #	Price/E
DKC1	\$20.95

Breather Vents

Applications:

- commonly used on single acting cylinders or valves to prevent dirt and foreign particles from entering ports open to the atmosphere additionally
- provide vacuum relief or pressure equalization on gear boxes, oil tanks or reservoirs

Features:

- standard pipe thread connections for quick assembly and removal for cleaning
- nickel plated steel insert with a bronze filter
- 40 micron filter element
- maximum operating pressure: **150 PSI**
- temperature range: **35°F to 300°F**



NPT Thread	Overall Length	Nickel Plated Steel Part #	Price/E
1/8"	7/16"	ASP-1BV	\$2.50
1/4"	5/8"	ASP-2BV	2.60
3/8"	3/4"	ASP-3BV	3.75
1/2"	7/8"	ASP-4BV	5.50
3/4"	1"	ASP-6BV	8.90
1"	1-5/16"	ASP-8BV	17.20

Conical Mufflers

Application:

- threads into the exhaust ports of air tool, valves, cylinders and other pneumatic equipment

Features:

- an economical way to reduce noise levels below 90 dBA to conform with OSHA standards
- 40 micron bronze filter element
- element is bonded directly to the fitting and *is not replaceable*
- maximum operating pressure: **300 PSI**
- temperature range: **35°F to 300°F**



NPT Thread	Overall Length	Nickel Plated Steel Part #	Price/E
1/8"	1 1/8"	CMF18	\$3.60
1/4"	1 3/8"	CMF28	4.30
3/8"	1 1/2"	CMF38	5.60
1/2"	1 7/8"	CMF48	8.65
3/4"	2 1/4"	CMF68	14.30
1"	2 7/8"	CMF88	20.50

Speed Control Mufflers

Features:

- maximum operating pressure: **300 PSI**
- temperature range: **35°F to 300°F**
- safe and infinite variations of metering air flow at acceptable sound levels on exhaust ports of air valves
- speed of operating cylinder or air tool may be increased or decreased with adjusting screw, the final position is locked in place by the lock nut
- exhaust air noise is eliminated by a surrounding sleeve of sintered bronze



aluminum



brass

NPT Thread	Approximate Full Operating Height	Maximum Adjusted SCFM	2011T3 Aluminum ¹		Brass	
			Part #	Price/E	Part #	Price/E
1/8"	1-5/16"	20	ASCM18	\$8.00	SCM18	\$6.55
1/4"	1-9/16"	30	---	---	SCM28	7.55
3/8"	1-5/8"	40	---	---	SCM38	10.90
1/2"	2"	60	ASCM48	17.20	SCM48	16.90
3/4"	2-3/8"	70	ASCM68	34.50	SCM68	22.50
1"	2-1/2"	100	---	---	SCM88	41.00

¹ stock quantity only

Mini In-Line Lubricators

Features:

- can be refilled under line pressure
- oil capacity: ¼ fluid ounce
- flow rating: 22 SCFM at 100 PSIG
- maximum operating pressure: **200 PSIG**
- maximum temperature: **150°F**

Female NPT Inlet	Outlet	Aluminum	
		Part #	Price/E
¼"	¼" female NPT	ML200	\$75.25
¼"	¼" male NPT	ML200M	75.25
⅜"	⅜" male NPT	ML300M	75.25



F

Mini In-Line Filter

Features:

- either port may be used as an inlet port
- filter element rated at 5 microns
- flow rating: 17 SCFM inlet pressure at 100 PSIG
- maximum operating pressure: **200 PSIG**
- maximum temperature: **175°F**

Female NPT	Male NPT	Aluminum	
		Part #	Price/E
¼"	¼"	MF200	\$44.90



Description	Part #	Price/E
replacement element	FRP-95-199	\$14.00

In-Line Air Filter

Application:

- protects small air tools such as impact wrenches, nut runners, grinders and screwdrivers

Features:

- standard element is 40 micron ensuring minimum pressure drop
- elements can be replaced quickly
- male x female configuration
- compact housing
- maximum operating pressure: **500 PSI**
- temperature range: **35°F to 200°F**
- air flow: 140 SCFM
- filter can be used directly before the air tool

NPT	Overall Length	Diameter	Weight Lbs.	Anodized Aluminum	
				Part #	Price/E
¾"	3-13/16"	1½"	.46	9076M	\$75.00



Miniature Non-Repairable General Purpose Regulators

Features:

- relieving piston allows reduction of downstream pressure when system is dead-ended
- reliable pressure regulation at air flows up to 13 SCFM
- left to right flow
- 5 to 125 PSIG outlet pressure adjustment range
- compact design and light weight construction
- wrench flats for easy installation
- supplied with a GC620 gauge

with gauge			without gauge		
Size	Part #	Price/E	Size	Part #	Price/E
¼"	R46-200RG	\$65.55	¼"	R46-200R	\$48.85



Anti-Freeze Lubricants



1 pint



1 gallon

Application:

- winter grade air tool lubricant prevents air line, air tool and in-line lubricator freeze-up

Features:

- can be poured directly into tool or used with air line lubricators
- minimum temperature **-45°F**

Size	Part #	Price/E	Opt Qty
1 pint	DATL016W	\$27.75	12
1 gallon	DATL128W	167.00	4

F

Air Tool Lubricants



1 pint



1 gallon

Application:

- high grade lubricant prolongs the service life of air tools, cylinders and accessories

Features:

- #10 weight lubricant
- compound is superior in performance to ordinary lubricants
- prohibits rust and removes moisture as it lubricates
- non-corrosive, non-reactive and does not decompose
- easy pour spout helps prevent costly spills
- use with the in-line lubricators on page 136

Size	Part #	Price/E	Opt Qty
1 pint	DATL016	\$17.20	12
1 gallon	DATL128	74.00	4

Valves

Button



Thread	Brass	
	Part #	Price/E
1/4" NPT female	BV2F	\$24.75
1/4" NPT male	BV2M	24.75

Tank Filler



TFV1S



TFV1L



TFV2



TFV2HB

Application:

- used on compressed air tanks and other applications

Feature:

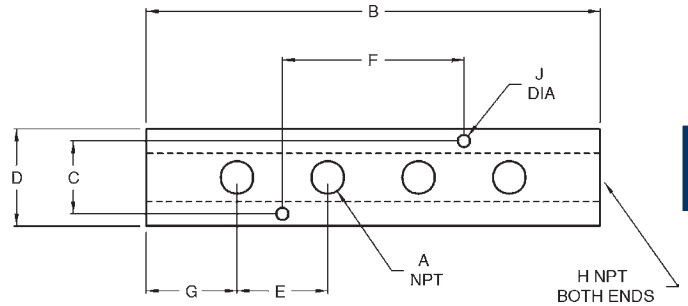
- standard valve stem thread

Connection	Length	Material	Part #	Price/E
1/8" NPT	.85"	<i>nickel plated</i>	TFV1S	\$5.10
1/8" NPT	1.24"	<i>brass</i>	TFV1L	6.30
1/4" NPT	1"	<i>nickel plated</i>	TFV2	5.95
1/4" barb	1.57"	<i>brass</i>	TFV2HB	8.45

Bar Manifolds

Features:

- can be mounted on a wall or work bench, safely distributing four hose lines to a work area
- maximum operating pressure: **300 PSI** at ambient temperature (70°F)
- brass hex head plugs sold on page 342



F

Dimensions

Aluminum		A	B	C	D	E	F	G	H	J
Part #	Price/E									
AMF32	\$74.10	1/4"	7 5/8"	7/8"	1 1/4"	1 7/8"	3 3/4"	1"	3/8"	.20"
AMF42	74.10	1/4"	7 5/8"	1 1/8"	1 1/2"	1 7/8"	3 3/4"	1"	1/2"	.20"
AMF43	74.10	3/8"	8"	1 1/8"	1 1/2"	2"	4"	1"	1/2"	.20"

3 in 1 Manifolds

Features:

- supplies 3 air operated tools from a single hose permitting use of air by more than one mechanic
- can be mounted to a pipe at workbench or overhead
- different tools in the shop use different styles of couplers, mount 3 different style couplers on one manifold



NPT Inlet (1)	NPT Outlets (3)	Aluminum	
		Part #	Price/E
1/4"	1/4"	D3404	\$18.55
3/8"	1/4"	D3406	17.80
1/2"	1/4"	D3408	18.55

Flat Hex Manifolds

Feature:

- designed to lay flat on the floor, safely distributing three hose lines to the work area



NPT Inlet (1)	NPT Outlets (3)	Brass	
		Part #	Price/E
1/4"	1/4"	3122	\$20.00
3/8"	1/4"	3132	23.75
3/8"	3/8"	3133	27.50

Safety Pop-Off Valves

Applications:

- for use on compressors and in compressed air service

Features:

- designed to protect un-fired pressure vessels from over-pressure
- ASME Code, National Board Certified
- CSA B51-03 certified
- maximum temperature: **400°F (204°C)**

Soft Seat Safety Pop-Off Valves

Feature:

- constructed of precision machined brass bar stock with a silicone disc sealing on the brass



¼" male NPT

Preset Pressure PSI	SCFM	Brass	
		Part #	Price/E
100	51	KSV10-100	\$16.40
125	62	KSV10-125	16.40
150	73	KSV10-150	16.40
175	84	KSV10-175	16.40

Standard Safety Pop-Off Valves

Features:

- brass valves are supplied with a stainless steel ball
- stainless valves are all stainless construction with a soft seat



¼" male NPT

Preset Pressure PSI	Brass		SCFM	Stainless Steel		SCFM
	Part #	Price/E		Part #	Price/E	
30	SV30	\$35.75	35	SV30SS	\$198.00	35
100	SV100	35.75	89	SV100SS	198.00	92
125	SV125	35.75	109	SV125SS	198.00	112
150	SV150	35.75	129	SV150SS	198.00	132
175	SV175	35.75	149	SV175SS	198.00	153
200	SV200	35.75	168	SV200SS	198.00	173

Heavy Duty, High Capacity Safety Pop-Off Valves

Feature:

- all brass construction with stainless steel ball on a precision machined brass seat



½" male NPT

Preset Pressure PSI	SCFM	Brass	
		Part #	Price/E
30	73	SV30HD¹	\$84.20
100	208	SV100HD	84.20
125	254	SV125HD	84.20
150	300	SV150HD	84.20
175	346	SV175HD	84.20
200	391	SV200HD	84.20

¹ constructed with soft seat

Brass Lever External Drains

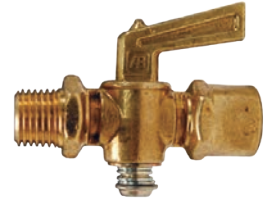
Application:

- for air service only 

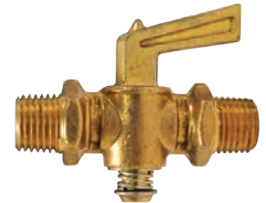
Feature:

- maximum operating pressure: **30 PSI** at ambient temperature (70°F)

Female NPT	Male NPT	Part #	Brass	Price/E
1/4"	1/4"	LDC2		\$32.00

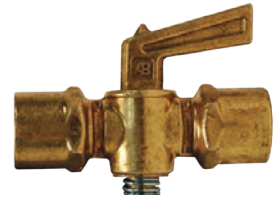


Male NPT	Male NPT	Part #	Brass	Price/E
1/4"	1/4"	LDCM2		\$35.50



F

Female NPT	Female NPT	Part #	Brass	Price/E
1/4"	1/4"	LDCF2		\$34.00



Brass External Drain Cocks

Applications:

- designed for low pressure water and air applications

Feature:

- maximum operating pressure: **150 PSI** at ambient temperature (70°F)

NPT Size	Part #	Brass	Price/E
1/8"	D02		\$3.50
1/4"	D04		5.05

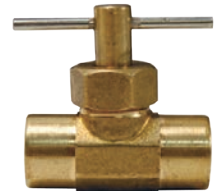


Brass Needle Valves

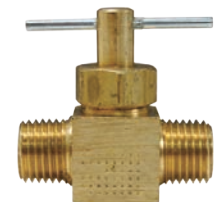
Features:

- metal-to-metal seats allow positive sealing and flow adjustment
- designed for air and water applications
- maximum working pressure: **150 PSI** at ambient temperature (70°F)

Female NPT	Female NPT	Part #	Brass	Price/E
1/8"	1/8"	NV2F		\$16.30
1/4"	1/4"	NV4F		24.25



Male NPT	Male NPT	Part #	Brass	Price/E
1/4"	1/4"	NV4M		\$22.50



Brass Flow Control Valves

Series F

Features:

- provides precision flow control and full shutoff in one flow direction, automatically allows unrestricted flow in the opposite direction
- two-step needle for fine adjustments at low flow with first 3 turns of the adjusting knob, next 3 turns give full-open needle position and conventional throttling control
- when flow is reversed the heavy-duty poppet/retainer permits full flow return capacity
- color coded scale simplifies flow setting, resetting, adjusting and return to an original flow
- a set screw locks the valve on any desired setting
- maximum operating pressure: **2000 PSI** at ambient temperature (70°F) for sizes 1/8" - 3/4", **500 PSI** at ambient temperature (70°F) for 1"
- also available in steel, see page 429



F

Female NPT	Brass	
	Part #	Price/E
1/8"	BFC200	\$97.75
1/4"	BFC400	104.35
3/8"	BFC600	135.60
1/2"	BFC800	191.85
3/4"	BFC1200	319.50
1"	BFC1600	1308.50

Series PF

Features:

- ball type check meters flow of air in one direction and allows free flow in the reverse direction
- used to control actuator speed by acting as a restriction
- maximum operating pressure: **2000 PSI** at ambient temperature (70°F)
- cracking pressure: **5 PSI**
- also available in steel, see page 429



Female NPT	Brass	
	Part #	Price/E
1/8"	BPF200	\$67.30
1/4"	BPF400	82.00
3/8"	BPF600	107.20
1/2"	BPF800	146.10

Series N

Features:

- for use as speed control on hydraulic and pneumatic systems where a reverse flow check valve is not needed
- provides excellent control and reliable shutoff in a very small envelope
- color coded scale simplifies setting, resetting, adjusting and quick return to a previous speed setting
- maximum operating pressure: **2000 PSI** at ambient temperature (70°F) for sizes 1/8" - 3/4", **500 PSI** at ambient temperature (70°F) for 1"
- also available in steel, see page 429



Female NPT	Brass	
	Part #	Price/E
1/8"	BN200	\$93.55
1/4"	BN400	93.55
3/8"	BN600	125.60
1/2"	BN800	175.55
3/4"	BN1200	360.50
1"	BN1600	1511.35

Brass Check Valves - Series C

Features:

- provides free flow in one direction and dependable shutoff in the opposite direction
- maximum operating pressure: **2000 PSI** at ambient temperature (70°F)
- cracking pressure: **5 PSI**
- also available in steel, see page 429



Female NPT	Free Flow GPM	Brass	
		Part #	Price/E
1/8"	3	BCV200	\$58.35
1/4"	5	BCV400	54.65
3/8"	8	BCV600	85.15
1/2"	15	BCV800	109.85

Safety Blow Guns

Safety blow guns have a safety tip which prevents buildup of tip pressure in the event the outlet is obstructed or "dead ended". They comply with the requirements for OSHA 1910.242 (B) and 1910.95 when used on air lines of 150 PSI or less.



Features:

- design comfortably fits contour of the hand minimizing user fatigue
- ergonomic large lever with black vinyl grip allows for easy air flow activation
- ¼" female NPT inlet

Air Chief



The air chief safety blow gun is designed to conform to OSHA Standard 1910.242 (B) permitting a maximum of 30 PSI outlet pressure when dead ended based on a maximum of 150 PSI inlet pressure as well as OSHA Standard 1910.95 regulating occupational noise level exposure. *Safety glasses or shield must be worn when using any blow gun.*

Features:

- recessed internal slotted screw allows easy access to valve assembly for repairs or replacement
- chrome plated zinc die cast body, nickel plated steel lever, vinyl thumb grip, stainless steel spring, brass valve, Buna-N seals and nickel plated brass tip combine for superior corrosion resistance



F

Part #	Price/E
D204-30	\$20.10

Premium



The premium safety blow gun is designed to conform to OSHA Standard 1910.242 (B) permitting a maximum of 30 PSI outlet pressure when dead ended based on a maximum of 150 PSI inlet pressure as well as OSHA Standard 1910.95 regulating occupational noise level exposure. *Safety glasses or shield must be worn when using any blow gun.*

Feature:

- zinc die cast body with a black powder coat finish, nickel plated steel lever, vinyl thumb grip, stainless steel spring, brass valve, Buna-N seals and nickel plated brass tip



Part #	Price/E
D204-30P	\$20.85

Safety Air Booster



The multiple holes in the safety booster tip of the safety air booster gun create a Venturi effect that increases air flow (working capacity) while still remaining compliant with OSHA Standard 1910.242 (B). *Safety glasses or shield must be worn when using any blow gun.*

Feature:

- chrome plated zinc die cast body, nickel plated steel lever, vinyl thumb grip, stainless steel spring, brass valve, Buna-N seals and nickel plated brass tip provide superior corrosion resistance



Part #	Price/E
D204-30SB	\$23.90

Non-Safety Blow Guns



Non-Safety blow guns **do not** have a safety by-pass to prevent buildup of tip pressure in the event of tip blockage. They may be used for cleaning purposes only if the air supply (inlet pressure) has been reduced to 30 PSI or less.

Features:

- designed to comfortably fit the contour of the hand, minimizing user fatigue
- ergonomic large lever with vinyl grip allows for easy air flow activation
- ¼" female NPT inlet

Brass Tip



The ventless, nickel-plated tip provides the most economical means of achieving a concentrated stream of air for many blow-off applications. All other components and design features are the same as our Air Chief safety blow gun (D204-30). *Must be used on air lines having a maximum regulated pressure of 30 PSI in order to comply with OSHA Standard 1910.242 (B). Safety glasses or shield must be worn when using any blow gun.*

Feature:

- chrome plated zinc die cast body, nickel plated steel lever, vinyl thumb grip, stainless steel spring, brass valve, Buna-N seals and ventless, nickel plated brass tip provide superior corrosion resistance



Part #	Price/E
D605	\$18.95

Rubber Tip



The rubber tip will not scratch or mar delicate surfaces. The conical, rubber tip can also be used to create a seal between the blow gun and fluid lines (or any other opening). Base of the tip is nickel-plated brass for additional corrosion resistance. *Must be used on air lines having a maximum regulated pressure of 30 PSI in order to comply with OSHA Standard 1910.242 (B). Safety glasses or shield must be worn when using any blow gun.*

Feature:

- chrome plated zinc die cast body, nickel plated steel lever, vinyl thumb grip, stainless steel spring, brass valve, Buna-N seals and rubber tip with a nickel plated brass base provide superior corrosion resistance



Part #	Price/E
D201	\$22.45

Blow Gun Extensions

Features:

- supplied with ½" male NPT connections
- allow easier access to blow-off applications in high or hard to reach places
- can be used with all Dixon™ Air Chief lever operated blow guns as well as most blow guns from other manufacturers
- brass base with a rugged steel extension tube, all nickel plated



Size Extension	Part #	Price/E
6"	BGE6	\$14.70
10"	BGE10	18.40
12"	BGE12	19.90
18"	BGE18	30.35
24"	BGE24	33.25

Blow Gun Tips

Features:

- safety tip
- 1/8" male NPT connection
- can be used with all Dixon™ Air Chief lever operated blow guns as well as most blow guns from other manufacturers

Nickel Plated Brass Part #	Price/E
SST10	\$3.25


Features:

- 1/8" male NPT connection
- can be used with all Dixon™ Air Chief lever operated blow guns as well as most blow guns from other manufacturers

Rubber Coated Nickel Plated Brass Part #	Price/E
D201RT	\$8.25



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Cannon Blow Guns

High Volume Cannon® Blow Gun

Application:

- designed for, but not limited to, outdoor use, ideal where a large air supply is available to move heavy, stubborn debris

Features:

- 3/4" female NPT inlet
- minimum inlet pressure 90 PSI on 1/2" hose
- consumes 135 CFM at 100 PSI
- 48" long extension
- compliant with OSHA Standard 1910.242 (B)
- *Safety glasses or shield must be worn when using any blow gun.*



Part #	Price/E
9000-48S	\$418.00



Multi-Jet Cannon® Blow Gun

Application:

- designed for, but not limited to, outdoor use, ideal where a large air supply is available to move heavy, stubborn debris

Features:

- 3/4" female NPT inlet
- minimum inlet pressure 90 PSI on 1/2" hose
- consumes 120 CFM at 100 PSI
- 2" long extension
- Compliant with OSHA Standard 1910.242 (B)
- *Safety glasses or shield must be worn when using any blow gun.*




Part #	Price/E
9000-MJ	\$424.35



Heavy Duty - High Volume Blow Guns


Features:

- heavy duty - high volume safety blow guns
- requires high volume coupler and plug for optimum performance
- lightweight and ergonomic
- pistol grip / hanging hook handle
- made from high quality aluminum casting
- maximum operating pressure: **150 PSI**
- ¼" female NPT inlet
- *Safety glasses or shield must be worn when using any blow gun.* 

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Blow Guns with Safety Tip

Features:

- reduced to 30 PSI when tip is blocked
- The safety air booster blow gun has a safety tip which prevents buildup of tip pressure in the event the outlet obstructed or "dead ended". It complies with the requirements for OSHA 1910.242 (B) and 1910.95 when used on air lines of 150 PSI or less. 



HTBG6

Part #	Description	Price/E
HTBG	gun with <i>no</i> extension	\$64.95
HTBG6	gun with 6" extension	66.50
HTBG12	gun with 12" extension	69.35
HTBG24	gun with 24" extension	74.55
HTBG36	gun with 36" extension	81.80

Blow Gun with Quiet Conical Tip



Feature:

- 6.0 CFM


Part #	Description	Price/E
HTBG-CT	gun with tip only	\$56.95

Accessories

Part #	Description	Material	Price/E	Part #	Description	Material	Price/E
HTBG6EXT	6" extension with safety tip	aluminum	\$41.40	HTBGS	safety tip	aluminum	\$29.00
HTBG12EXT	12" extension with safety tip	aluminum	44.55	HTBGC	conical tip	aluminum	29.50
HTBG24EXT	24" extension with safety tip	aluminum	50.50	HTBGA	tip adapter	aluminum	8.00
HTBG36EXT	36" extension with safety tip	aluminum	56.45	DC41	high flow female coupler	brass	16.15
				DCP41	high flow male plug	brass	3.44

High Volume Typhoon Blow Guns

Features:

- chrome plated aluminum body
- variable flow control
- ¼" female NPT inlet
- 34 CFM at 125 PSI
- Compliant with OSHA Standard 1910.242 (B). *Safety glasses or shield must be worn when using any blow gun.* 



Part #	Description	Price/E
TYP2501-12	gun with 12" extension	\$90.85
TYP2501-24	gun with 24" extension	95.75
TYP2501-36	gun with 36" extension	104.15

Pistol Grip Safety Blow Gun

Features:

- conforms to US Department of Labor, OSHA Standard 1910.242 (B) allowing a maximum of 30 PSI outlet pressure at the nozzle when dead-ended
- conforms to US Department of Labor, OSHA Standard 1910.95 regulating noise level exposure
- contoured pistol-grip for safe, comfortable handling, even with greasy hands
- convenient hang-up hook
- ¼" female NPT inlet
- *Safety glasses or shield must be worn when using any blow gun.*



Part #	Price/E
PG700	\$57.90

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Extended Nozzle Pistol Grip Safety Blow Gun

Features:

- conforms to US Dept. of Labor, OSHA Standard 1910.242 (B) allowing a maximum of 30 PSI outlet pressure at the nozzle when dead-ended
- conforms to US Dept. of Labor, OSHA Standard 1910.95 regulating noise level exposure
- slender 4" extended nozzle allows access to hard to reach places and holes as small as .200"
- variable output trigger enables user to control air flow
- hook design near trigger provides finger protection as well as easy storage
- lightweight to help minimize user fatigue.
- side holes allow air to escape if nozzle tip is dead-ended, thus preventing back pressure buildup
- pressure rating: **150 PSI**
- ¼" female NPT inlet
- *Safety glasses or shield must be worn when using any blow gun.*



Part #	Price/E
ENBG1	\$38.55

Polyurethane Air Hose

fittings included

Features:

- durable and lightweight
- nylon-reinforced braid allows for higher working pressure
- excellent flexibility
- oil resistant
- durometer: Shore A 85
- temperature range: **-40°F to 155°F**
- working pressure: **210 PSI at 70°F**



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Hose ID	Length	Male NPT	Part #	Price/E
1/4"	50'	1/4"	450-4S	\$81.50
3/8"	50'	1/4"	650-4S	157.00
3/8"	50'	3/8"	650-6S	161.00

Polyurethane Self-Storing Air Hose

fittings included

Features:

- extremely flexible - resists kinking
- impervious to abrasions, heat and oil
- superior elasticity and coil memory
- blue
- both ends swivel



Hose ID	Length	Male NPT	Part #	Working Pressure (PSI)	Price/E
1/4"	10'	1/4"	PU1410	145	\$51.00
1/4"	15'	1/4"	PU1415	145	56.50
1/4"	25'	1/4"	PU1425	145	63.50
3/8"	15'	3/8"	PU3815	135	90.00
3/8"	20'	3/8"	PU3820	135	101.00
3/8"	25'	3/8"	PU3825	135	113.00
3/8"	50'	3/8"	PU3850	135	214.00
1/2"	15'	1/2"	PU1215	155	154.00

Repair Kits



Tubing Size		Size	Type	Part #	Price/E
ID	OD				
1/4"	3/8"	1/4"	swivel male	PSM0404	\$11.60
3/8"	9/16"	1/4"	swivel male	PSM0604	15.90

Coil-Chief Self-Storing Air Hose

fittings included

Feature:

- supplied with swivel on one end

Hose ID	Length	Male NPT	Working Pressure at 70°F	Nylon Part #	Price/E
1/4"	12'	1/4"	185	CC1412	\$35.80
1/4"	25'	1/4"	185	CC1425	52.50
1/4"	50'	1/4"	185	CC1450	88.40
3/8"	25'	3/8"	165	CC3825	89.00
3/8"	50'	3/8"	165	CC3850	153.00
1/2"	25'	1/2"	170	CC1225	176.00
1/2"	50'	1/2"	170	CC1250	268.00



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bulk hose - no fittings

Feature:

- needs assembly kits for ends

Hose ID	Length	Part #	Price/E
1/4"	100'	CC14100B	\$137.00
3/8"	100'	CC38100B	266.00
1/2"	100'	CC12100B	440.00



Assembly Kits

Feature:

- kits include fittings, nut, insert, ferrule and spring guard

Size	Fitting Type	Part #	Price/E
1/4"	rigid male	RK090	\$7.50
1/4"	swivel male	RK092	10.10
3/8"	rigid male	RK110	10.70
3/8"	swivel male	RK112	14.40
1/2"	rigid male	RK118	23.60
1/2"	swivel male	RK119	30.00



RK110 assembly kit

Tire Pressure Gauges and Accessories

Heavy Duty Tire Gauge


Features:

- 12" hose with swivel dual foot chuck inflator
- tapered chuck nut fits wheel cover holes on cars and light trucks
- calibrated in 2 PSI increments from **10 to 120 PSI**

Part #	Price/E
D101	\$100.20

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Passenger Car Tire Gauge


Features:

- 12" hose with straight-on chuck
- straight chuck nut fits wheel cover holes on cars and light trucks
- ideal for use on wells and reels
- calibrated in 2 PSI increments from **10 to 90 PSI**

Part #	Price/E
D150	\$74.50

Professional Tire Pressure Gauge


Features:

- permanently lubricated
- easy to read, dual calibrated (PSI and kPa), four-sided nylon indicator bar
- body is made of chrome-plated brass, head is chrome-plated zinc
- pocket clip
- calibrated in 1 PSI increments from **5 to 45 PSI**

Part #	Price/E
DFG5	\$12.50

Dual Foot Gauges


Features:

- handy pocket clip
- calibrated in 2 PSI increments from **20 to 120 PSI**

Part #	Price/E
DFG1	\$17.70


Features:

- heavy duty hang-up ring
- calibrated in 2 PSI increments from **10 to 150 PSI**

Part #	Price/E
DFG2	\$35.80

Brass Tire Inflator Chuck


Features:

- ball foot chuck
- for direct connection to live air only
- features a built-in shutoff valve (will not work on inflator gauges)
- ¼" NPT female thread
- maximum pressure is **150 PSI**

Part #	Price/E	Opt Qty
D104	\$8.40	10

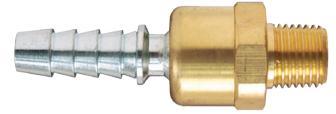
Ball and Push-On Ball Swivels

Ball Swivels

Features:

- brass and hardened steel construction
- O-ring seals
- wobble action for increased flexibility with air driven tools

Hose Size	Male NPT	Part #	Price/E	Opt Qty
1/4"	1/4"	D444S	\$21.15	25
3/8"	1/4"	D446S	15.60	25



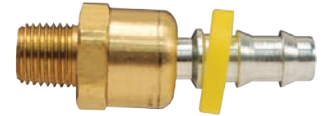
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Push-On Ball Swivels

Feature:


- special barb design for secure grip in push-on type air hoses

Hose Size	Male NPT	Part #	Price/E	Opt Qty
1/4"	1/4"	D444SL	\$16.50	25
3/8"	1/4"	D446SL	17.20	25



In-Line Swivels

Features:

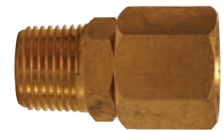
- for air service only 
- rated to **250 PSI** at ambient temperature (70°F), minimum **35 PSI**
- heavy-duty, free turning steel swivel

Male NPT	Female NPT	Part #	Price/E
3/8"	1/2"	SV17	\$72.30
1/2"	1/2"	SV20	74.10
3/4"	3/4"	SV26	75.60


Features:

- for air service only 
- rated to **150 PSI** at ambient temperature (70°F)

Male NPT	Female NPT	Part #	Price/E
1/4"	1/4"	D344R	\$10.50
3/8"	3/8"	D366R	22.75



Steel Bent Stem Swivels

- designed for normal operation at 90 PSI at ambient temperature (70°F)

½" hose barb

Features:

- ⅞" thread fits the following tool brands: Ingersoll-Rand, Thor, Black & Decker, Harper, Jet, Texas Pneumatic, Kent and Sullair
- ½" thread fits all tools with ½" female NPT thread



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Description	Steel		Opt Qty
	Part #	Price/E	
⅞" - 24 thread x ½" hose barb	ATS7812H	\$51.50	50
½" NPT thread x ½" hose barb	ATS1212H	51.50	50

⅜" female pipe thread

Feature:

- ⅞" thread fits most chipping hammers



Description	Steel		Opt Qty
	Part #	Price/E	
⅞" - 24 thread x ⅜" female NPT	ATS7838F	\$78.00	25

⅜" male pipe thread

Feature:


- ⅞" thread fits most chipping hammers



Description	Steel		Opt Qty
	Part #	Price/E	
⅞" - 24 thread x ⅜" male NPT	ATS7838M	\$51.50	50

Air Tool Swivels

Features:

- swivels at two locations so air hose can drop directly to the floor
- rated to **150 PSI** at ambient temperature (70°F)
- do not use with percussion tools 



Size	Aluminum	
	Part #	Price/E
¼"	D344U ¹	\$51.50
⅜"	D346U	142.50
½"	D348U	184.50

¹ D344U is a non-marring composite.

Spring Driven Hose Reels

Reelcraft® 5000 Series

Features:

- reel inlet $\frac{3}{8}$ " NPTF
- all steel construction
- full shaft and swivel
- furnished standard with PVC hose
- maximum temperature is **150°F**
- Compressed air hose should not be converted to oxygen service; they are often contaminated with an oil coating, which can react explosively when oxygen is introduced.

with hose

Hose ID	Hose Length	Service	PSI	Weight Lbs.	Part #	Price/E
$\frac{1}{4}$ "	50'	air / water	300	26	5450LP	\$765.00
$\frac{3}{8}$ "	35'	air / water	300	25	5635LP	726.75
$\frac{3}{8}$ "	50'	air / water	300	37	5650LP	878.00

without hose

Hose Capacity	Service	PSI	Weight Lbs.	Part #	Price/E
50' of $\frac{1}{4}$ " or 35' of $\frac{3}{8}$ "	air / water	500	21	5600LP	\$625.00
50' of $\frac{3}{8}$ "	air / water	500	31	5605LP	730.00



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Reelcraft® 7000 Series

Features:

- all steel construction
- LP Low Pressure reels:
 - maximum temperature **150°F**
 - reel inlet $\frac{1}{2}$ " NPTF
 - PVC hose is standard
- MP Medium Pressure reels:
 - maximum temperature **210°F**
 - reel inlet $\frac{1}{2}$ " NPTF
 - SAE 100 R1T 1-wire braid hose available
- HP High Pressure reels:
 - maximum temperature **210°F**
 - reel inlet $\frac{1}{4}$ " NPTF
 - SAE 100 R2T 2-wire braid hose available

with hose

Hose ID	Hose Length	Service	PSI	Weight Lbs.	Part #	Price/E
$\frac{3}{8}$ "	70'	air / water	300	50	7670LP	\$1158.80
$\frac{1}{2}$ "	50'	air / water	300	51	7850LP	1132.50

without hose

Hose Capacity	Service	PSI	Weight Lbs.	Part #	Price/E
70' of $\frac{3}{8}$ ", 50' of $\frac{1}{2}$ "	air / water	500	43	7800LP	\$911.00
50' of $\frac{3}{8}$ " or 50' of $\frac{1}{2}$ "	oil	3000	44	7800MP	1060.00
50' of $\frac{1}{4}$ " or 50' of $\frac{3}{8}$ "	grease	5000	46	7600HP	1224.50



Reelcraft® 80000 Series

Features:

- reel inlet $\frac{3}{4}$ " NPTF
- five-in-one heat treated aluminum casting incorporates main shaft, ratchet, spring arbor and inlet/outlet plumbing in one-piece casting
- furnished standard with PVC hose
- maximum temperature is **150°F with hose**
- maximum temperature is **210°F without hose**

with hose

Hose ID	Hose Length	Service	PSI	Weight Lbs.	Part #	Price/E
$\frac{1}{2}$ "	75'	air / water	300	90	82075LP	\$1738.00
$\frac{1}{2}$ "	100'	air / water	300	99	82100LP	1804.50
$\frac{3}{4}$ "	50'	air / water	250	89	83050LP	1738.00

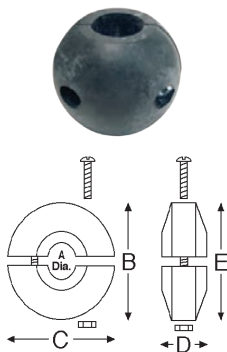
without hose

Hose Capacity	Service	PSI	Weight Lbs.	Part #	Price/E
50' of $\frac{3}{4}$ " or 100' of $\frac{1}{2}$ "	air / water	500	74	83000LP	\$1530.00



see next page for bumper stops, consult Dixon™ for uses other than stated services

Adjustable Hose Bumper Stops



Hose ID	Hose OD		Dimensions		Reel Series Used On	Part #	Price/E
	From:	To:	B,C,E	D			
1/4"	.438"	.625"	2 1/2"	1 1/4"	5000 series	1-HR1004A	\$31.00
3/8"	.625"	.749"	2 1/2"	1 1/4"	5000 series	1-HR1004	31.00
3/8"	.625"	.749"	3"	1 1/4"	7000 series	1-HR1004-3	31.00
1/2" or 3/8" 2-wire	.750"	1.050"	3"	1 1/4"	7000 series	2-HR1004-3	31.00
3/4"	1.060"	1.300"	3"	1 1/4"	7000 series	3-HR1004-3	31.00
1/2"	.750"	1.050"	3 1/2"	2 7/8"	9000 series	2-HR1005	72.00
3/4"	1.060"	1.380"	3 1/2"	2 7/8"	9000 series	3-HR1005	72.00
1"	1.390"	1.550"	3 1/2"	2 7/8"	9000 series	4-HR1005	72.00

- adjustable hose bumper stops are not included on hose reels ordered without hose, order separately

Reelcraft® 30,000 Manual Driven Hose Reels



Features:

- reel frame, spool and drum are fabricated from heavy gauge steel
- all bolted construction - no welds
- manual driven standard
- motor drive available
- 1/2" inlet

without hose

Hose ID	Hose Capacity	Spool Width	PSI	Weight Lbs.	Part #	Price/E
3/4"	100'	12"	1000	46	C33112L	\$814.50
1/2"	200'	12"	3000	46	C32112M	701.00

Hose Racks

Features:

- can be used for fire or water hose
- fabricated of heavy, 12 gauge sheet steel for rugged industrial and shipboard use
- provides compact and economical hose storage
- curved saddle design avoids sharp bends in the hose prolonging hose life
- red enamel finish



Hose Size	Rack	Hose Capacity		Weight Lbs.	Part #	Price/E
		Single Jacket	Double Jacket			
1 1/2" - 1 3/4"	50'	---	---	---	HR1610-3	\$110.65
1 1/2" - 1 3/4"	100'	---	---	---	HR1610-6	130.15
1 1/2" - 2 1/2"	200'	150'	100'	7.8	HR1610	162.80
2" - 2 1/2"	50'	---	---	---	HR1610-4	119.45

Instrumentation Fittings

Applications:

- high pressure
- high temperature
- nitrogen
- helium
- flammable gases
- hydraulic gases
- corrosive media
- pneumatic automation

Installation Instructions:

1. Cut tubing squarely and clean tube end thoroughly to remove burrs.
2. Insert the tubing into the assembly making sure the tubing seats firm against the shoulder of the body and the nut is finger tight.
3. Tighten the nut with a wrench 1¼ turns, while holding the body with a second wrench.

Suggested Working Pressures (PSI)

wall thk.	.028	.035	.049	.065	.083	.095	.109
¼"	4,000	5,100	7,500	10,100	---	---	---
⅜"	---	3,300	4,700	6,600	---	---	---
½"	---	2,600	3,700	5,000	6,600	---	---
⅝"	---	---	2,900	3,900	5,200	6,000	---
¾"	---	---	2,400	3,200	4,200	4,900	5,700

Features:

- Instrumentation fittings come completely assembled.
- fully interchangeable with Swagelok® and Parker A-Lok®. all fittings are ASTM F 1387 Certified
- double collet (ferrule) swaging action
- two positive seal points
- ASTM 316 stainless steel material construction
- temperature range: **-325°F to 1200°F** (-198°C to 648°C)
- pressure ratings: see chart to the left
Ratings listed are for reference only.

Safety Guidelines:

- Never connect, disconnect or remake a fitting with pressure in the system.
- Make sure all fittings are properly installed.
- It is not recommended to go beyond the pressure rating of the tubing. Elongation could occur in the tubing, shrinking the wall thickness and causing potential harm.
- For proper sealing it is recommended that the tubing and fittings be of like material.
- Always use proper thread lubricant and sealants on tapered pipe threads.
- Never bleed a system by loosening a fitting.

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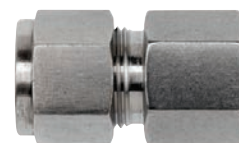
Male Connectors

Tube OD	Male NPT	Interchanges	316 Stainless Steel		Pkg Qty
			Part #	Price/E	
⅛"	⅛"-27	200-1-2	2-DMC-2	\$15.90	10
	¼"-18	200-1-4	2-DMC-4	16.80	10
¼"	⅛"-27	400-1-2	4-DMC-2	15.20	10
	¼"-18	400-1-4	4-DMC-4	16.55	10
	⅜"-18	400-1-6	4-DMC-6	18.65	10
	½"-14	400-1-8	4-DMC-8	24.75	10
⅜"	¼"-18	600-1-4	6-DMC-4	19.50	10
	⅜"-18	600-1-6	6-DMC-6	22.05	10
	½"-14	600-1-8	6-DMC-8	26.55	10
½"	¼"-18	810-1-4	8-DMC-4	28.90	10
	⅜"-18	810-1-6	8-DMC-6	29.70	10
	½"-14	810-1-8	8-DMC-8	33.10	10
⅝"	½"-14	1010-1-8	10-DMC-8	44.85	10
¾"	½"-14	1210-1-8	12-DMC-8	60.40	10
	¾"	1210-1-12	12-DMC-12	60.40	10
	1"	1210-1-16	12-DMC-16	83.00	10
1"	¾"	1610-1-12	16-DMC-12	105.00	10
	1"	1610-1-16	16-DMC-16	138.00	10



Female Connectors

Tube OD	Female NPT	Interchanges	316 Stainless Steel		Pkg Qty
			Part #	Price/E	
⅛"	⅛"-27	200-7-2	2-DFC-2	\$18.90	10
¼"	⅛"-27	400-7-2	4-DFC-2	18.70	10
	¼"-18	400-7-4	4-DFC-4	23.10	10
⅜"	¼"-18	600-7-4	6-DFC-4	23.95	10
	½"-14	600-7-8	6-DFC-8	41.50	10
½"	½"-14	810-7-8	8-DFC-8	46.25	10
⅝"	½"	1010-7-8	10-DFC-8	54.00	10
¾"	½"	1210-7-8	12-DFC-8	62.00	10
	¾"	1210-7-12	12-DFC-12	73.00	10
1"	1"	1610-7-16	16-DFC-16	134.00	10



Instrumentation Fittings

Unions



Tube OD	Interchanges	316 Stainless Steel		Pkg Qty
		Part #	Price/E	
1/8" x 1/8"	200-6	2-DU	\$22.75	10
1/4" x 1/8"	400-6-2	4-DU-2	24.00	10
1/4" x 1/4"	400-6	4-DU	23.85	10
3/8" x 1/4"	600-6-4	6-DU-4	33.10	10
3/8" x 3/8"	600-6	6-DU	33.10	10
1/2" x 1/2"	810-6	8-DU	50.00	10
5/8" x 5/8"	1010-6	10-DU	72.00	10
3/4" x 3/4"	1210-6	12-DU	97.00	10
1" x 1"	1610-6	16-DU	190.00	10

F

Bulkhead Unions



Tube OD	Interchanges	316 Stainless Steel		Pkg Qty
		Part #	Price/E	
1/4"	400-61	4-DBHU-4	\$32.85	10
3/8"	600-61	6-DBHU-6	47.55	10
1/2"	810-61	8-DBHU-8	75.90	10
5/8"	1010-61	10-DBHU-10	98.00	10
3/4"	1210-16	12-DBHU-12	124.00	10
1"	1610-16	16-DBHU-16	242.00	10

Reducers



Tube OD	Interchanges	316 Stainless Steel		Pkg Qty
		Part #	Price/E	
1/4" x 1/8"	400-R-2	4-DRATT-2	\$24.50	10
3/8" x 1/4"	600-R-4	6-DRATT-4	24.50	10
3/8" x 1/2"	600-R-8	6-DRATT-8	25.25	10
1/2" x 3/4"	810-R-12	8-DRATT-12	32.05	10
3/4" x 1/2"	1210-R-8	12-DRATT-8	62.25	10
3/4" x 1"	1210-R-16	12-DRATT-16	68.00	10

Male Elbows



Tube OD	Male NPT	Interchanges	316 Stainless Steel		Pkg Qty
			Part #	Price/E	
1/4"	1/8"-27	400-2-2	4-DME-2	\$28.30	10
	1/4"-18	400-2-4	4-DME-4	28.30	10
3/8"	1/4"-18	600-2-4	6-DME-4	33.95	10
	3/8"-18	600-2-6	6-DME-6	40.75	10
1/2"	1/2"-14	810-2-8	8-DME-8	59.95	10
3/4"	1/2"-14	1210-2-8	12-DME-8	92.45	10
	3/4"	1210-2-12	12-DME-12	103.10	10
1"	3/4"	1610-2-12	16-DME-12	206.00	10
	1"	1610-2-16	16-DME-16	186.00	10

Female Elbows



Tube OD	Female NPT	Interchanges	316 Stainless Steel		Pkg Qty
			Part #	Price/E	
1/4"	1/4"-18	400-8-2	4-DFE-2	\$40.70	10
3/8"	1/4"-18	600-8-4	6-DFE-4	41.35	10
1/2"	1/2"-14	810-8-8	8-DFE-8	80.00	10
3/4"	1/2"	1210-8-8	12-DFE-8	120.00	10
3/4"	3/4"	1210-8-12	12-DFE-12	163.00	10
1"	1"	1610-8-16	16-DFE-16	276.00	10

Instrumentation Fittings

Union Elbows

Tube OD	Interchanges	316 Stainless Steel		Pkg Qty
		Part #	Price/E	
1/4"	400-9	4-DELU-4	\$38.70	10
3/8"	600-9	6-DELU-6	43.50	10
1/2"	810-9	8-DELU-8	65.10	10
5/8"	1010-9	10-DELU-10	97.00	10
3/4"	1210-9	12-DELU-12	130.00	10
1"	1610-9	16-DELU-16	256.00	10



Male Branch Tees

Tube OD	Male NPT	Interchanges	316 Stainless Steel		Pkg Qty
			Part #	Price/E	
1/8"	1/8"-27	200-3TTM	2-DTTM-2	\$49.00	10
1/4"	1/4"-18	400-3-4TTM	4-DTTM-4	56.00	10
1/2"	3/8"	810-3TTM	8-DTTM-6	90.00	10
1/2"	1/2"	810-3-8TTM	8-DTTM-8	96.00	10
3/4"	1/2"	1210-3-8TTM	12-DTTM-8	294.00	10
3/4"	3/4"	1210-3TTM	12-DTTM-12	151.00	10
1"	3/4"	1610-3-12TTM	16-DTTM-12	560.00	10
1"	1"	1610-3-16TTM	16-DTTM-16	650.00	10



Female Branch Tees

Tube OD	Female NPT	Interchanges	316 Stainless Steel		Pkg Qty
			Part #	Price/E	
1/4"	1/4"-18	400-3-4TTF	4-DTTF-4	\$65.00	10



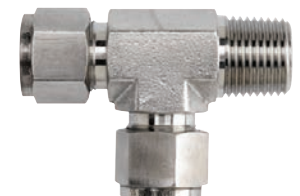
Union Tees

Tube OD	Interchanges	316 Stainless Steel		Pkg Qty
		Part #	Price/E	
1/4"	400-3	4-DTTT-4	\$55.20	10
3/8"	600-3	6-DTTT-6	76.20	10
1/2"	810-3	8-DTTT-8	109.10	10
5/8"	1010-3	10-DTTT-10	145.00	10
3/4" x 3/8"	1210-3-12-6	12-DTTT-6	235.00	10
3/4" x 1/2"	1210-3-12-8	12-DTTT-8	235.00	10
3/4"	1210-3	12-DTTT-12	191.00	10
1" x 3/4"	1610-3-12-16	16-DTTT-12	500.00	10
1"	1610-3	16-DTTT-16	440.00	10



Male Run Tees

Tube OD	Male NPT	Interchanges	316 Stainless Steel		Pkg Qty
			Part #	Price/E	
1/8"	1/8"-27	200-3TMT	2-DTMT-2	\$49.00	10
1/4"	1/4"-18	400-3-4TMT	4-DTMT-4	56.00	10
3/8"	1/4"-18	600-3TMT	6-DTMT-4	59.40	10
1/2"	3/8"	810-3TMT	8-DTMT-6	90.00	10
1/2"	1/2"	810-3-8TMT	8-DTMT-8	96.00	10
3/4"	3/4"	1210-3TMT	12-DTMT-12	152.00	10
1"	1"	1610-3-16TMT	16-DTMT-16	650.00	10



Instrumentation Fittings

Front Ferrules



Tube OD	Interchanges	316 Stainless Steel		Pkg Qty
		Part #	Price/E	
1/8"	203-1	DFC-2	\$2.95	10
1/4"	403-1	DFC-4	3.15	10
3/8"	603-1	DFC-6	3.20	10
1/2"	813-1	DFC-8	3.90	10
5/8"	1013-1	DFC-10	5.85	10
3/4"	1213-1	DFC-12	8.30	10
1"	1613-1	DFC-16	17.00	10

Rear Ferrules



Tube OD	Interchanges	316 Stainless Steel		Pkg Qty
		Part #	Price/E	
1/8"	204-1	DRC-2	\$2.45	10
1/4"	404-1	DRC-4	2.40	10
3/8"	604-1	DRC-6	2.95	10
1/2"	814-1	DRC-8	3.85	10
5/8"	1014-1	DRC-10	13.80	10
3/4"	1214-1	DRC-12	15.50	10
1"	1614-1	DRC-16	41.00	10

Nuts



Tube OD	Interchanges	316 Stainless Steel		Pkg Qty
		Part #	Price/E	
1/4"	402-1	DN-4	\$4.50	10
3/8"	602-1	DN-6	6.25	10
1/2"	812-1	DN-8	10.00	10
5/8"	1012-1	DN-10	13.10	10
3/4"	1212-1	DN-12	16.50	10
1"	1612-1	DN-16	30.00	10

Caps



Tube OD	Interchanges	316 Stainless Steel		Pkg Qty
		Part #	Price/E	
1/4"	400-C	4-DCAP	\$12.75	10
3/8"	600-C	6-DCAP	15.90	10
1/2"	810-C	8-DCAP	26.45	10
5/8"	1010-C	10-DCAP	35.00	10
3/4"	1210-C	12-DCAP	48.00	10
1"	1610-C	16-DCAP	105.00	10

Plugs



Tube OD	Interchanges	316 Stainless Steel		Pkg Qty
		Part #	Price/E	
1/4"	400-P	4-DFPLUG	\$11.10	10
3/8"	600-P	6-DFPLUG	12.80	10
1/2"	810-P	8-DFPLUG	19.00	10
5/8"	1010-P	10-DFPLUG	25.25	10
3/4"	1210-P	12-DFPLUG	31.00	10
1"	1610-P	16-DFPLUG	62.00	10

F

Brass SAE 45° Flare Fittings

Applications:

- for use with copper, brass, aluminum and welded steel hydraulic tubing that can be flared

Features:

- economical fitting
- resists mechanical pullout
- easy to disassemble and may be reassembled repeatedly, for a leak-proof connection
- manufactured from CA 360, CA 345, or CA377 brass
- for use with hard-to-hold liquids and gases
- Listed with Underwriter's Laboratories for flammable liquid, marine, refrigeration and gas applications. Meets functional requirements of SAE J512 and J513, ASA and MS (Military Standards).
- temperature range: **-65°F to 250°F**

Working Pressure Ranges:

Temperature and type of tubing used are important factors, the following table is a general guide for proper selection. The PSI rating given is based on a temperature of **73°F** using copper tubing.

PSI	Tube OD	Tube Wall
1400	1/4"	.030
1000	3/8"	.032
750	1/2"	.032
650	5/8"	.035
550	3/4"	.035

Assembly Instructions:

1. Cut tubing squarely and clean tube end thoroughly to remove burrs.
2. Place nut onto tube. Place threaded end of nut toward end of tube.
3. Flare tube end with flaring tool to provide 45° flare. (flare tools are available, please contact Dixon™ for pricing and availability)
4. Clamp tube flare between nut and nose of fitting body by screwing nut on finger-tight. Tighten with a wrench an additional 1/4 turn for a metal-to-metal seal.

Male Connectors

Feature:

- reference SAE 010102

Tube Size	Pipe Size	Straight Thread	Hex	Brass	
				Part #	Price/E
1/4"	1/4"	7/16"-20	9/16"	48F-4-4	\$2.50
1/4"	3/8"	7/16"-20	11/16"	48F-4-6	4.40
1/4"	1/2"	7/16"-20	7/8"	48F-4-8	12.25
3/8"	1/8"	5/8"-18	5/8"	48F-6-2	4.60
3/8"	1/4"	5/8"-18	5/8"	48F-6-4	3.50
3/8"	3/8"	5/8"-18	11/16"	48F-6-6	4.00
3/8"	1/2"	5/8"-18	7/8"	48F-6-8	5.90
1/2"	1/4"	3/4"-16	3/4"	48F-8-4	7.25
1/2"	3/8"	3/4"-16	3/4"	48F-8-6	4.80
1/2"	1/2"	3/4"-16	7/8"	48F-8-8	6.45
5/8"	3/8"	7/8"-14	7/8"	48F-10-6	6.85
3/4"	3/4"	1-1/16"-14	1-1/16"	48F-12-12	13.45



Female Connectors

Feature:

- reference SAE 010103

Tube Size	Pipe Size	Straight Thread	Hex	Brass	
				Part #	Price/E
1/4"	1/4"	7/16"-20	11/16"	46F-4-4	\$4.20
3/8"	1/4"	5/8"-18	11/16"	46F-6-4	4.85
3/8"	3/8"	5/8"-18	13/16"	46F-6-6	7.60
3/8"	1/2"	5/8"-18	1"	46F-6-8	12.40
1/2"	1/4"	3/4"-16	3/4"	46F-8-4	7.65
1/2"	3/8"	3/4"-16	13/16"	46F-8-6	7.40
5/8"	3/8"	7/8"-14	7/8"	46F-10-6	11.70



Brass SAE 45° Flare Fittings

Unions

**Feature:**

- reference SAE 010101

Tube Size	Straight Thread	Hex	Brass	
			Part #	Price/E
1/4"	7/16"-20	7/16"	42F-4	\$2.05
3/8"	5/8"-18	5/8"	42F-6	4.80
1/2"	3/4"-16	3/4"	42F-8	5.90

Male Elbows

Feature:

- reference SAE 010202

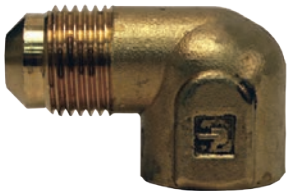


Tube Size	Pipe Size	Straight Thread	Brass	
			Part #	Price/E
1/4"	1/8"	7/16"-20	149F-4-2	\$4.50
1/4"	1/4"	7/16"-20	149F-4-4	6.45
1/4"	3/8"	7/16"-20	149F-4-6	12.15
3/8"	1/4"	5/8"-18	149F-6-4	7.90
3/8"	3/8"	5/8"-18	149F-6-6	9.20
3/8"	1/2"	5/8"-18	149F-6-8	11.50
1/2"	1/4"	3/4"-16	149F-8-4	11.90
1/2"	3/8"	3/4"-16	149F-8-6	8.80
1/2"	1/2"	3/4"-16	149F-8-8	9.55
5/8"	1/2"	7/8"-14	149F-10-8	12.20
3/4"	3/4"	1-1/16"-14	149F-12-12	22.10

Female Elbows

Feature:

- reference SAE 010203



Tube Size	Pipe Size	Straight Thread	Brass	
			Part #	Price/E
1/4"	1/4"	7/16"-20	150F-4-4	\$11.05
3/8"	3/8"	5/8"-18	150F-6-6	14.85
3/8"	1/2"	5/8"-18	150F-6-8	24.40

90° Swivel Elbows



Tube Size	Straight Thread	Brass	
		Part #	Price/E
1/4"	7/16"-20	166FSV-4-4	\$13.35
3/8"	5/8"-18	166FSV-6-6	16.70
1/2"	3/4"-16	166FSV-8-8	22.50

Brass SAE 45° Flare Fittings

45° Elbows

Feature:

- reference SAE 010302

Tube Size	Pipe Size	Straight Thread	Brass	
			Part #	Price/E
1/4"	1/4"	7/16"-20	159F-4-4	\$10.00
3/8"	1/4"	5/8"-18	159F-6-4	7.70
3/8"	3/8"	5/8"-18	159F-6-6	7.00
1/2"	1/4"	3/4"-16	159F-8-4	21.40
1/2"	3/8"	3/4"-16	159F-8-6	7.40
1/2"	1/2"	3/4"-16	159F-8-8	13.95



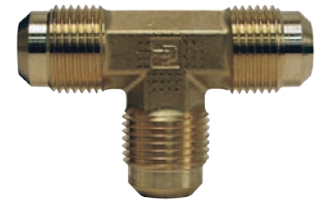
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Union Tees

Feature:

- reference SAE 010401

Tube Size	Straight Thread	Brass	
		Part #	Price/E
1/4"	7/16"-20	144F-4	\$7.60
3/8"	5/8"-18	144F-6	12.90
1/2"	3/4"-16	144F-8	15.80



Short Nuts

Features:

- short nut for use when vibration is minimal
- reference SAE 010110

Tube Size	Straight Thread	Hex	Brass	
			Part #	Price/E
1/4"	7/16"-20	9/16"	41FS-4	\$1.90
3/8"	5/8"-18	3/4"	41FS-6	3.40
1/2"	3/4"-16	7/8"	41FS-8	4.80



Long Nuts

Features:

- long nut offers additional vibration capacity
- reference SAE 010111

Tube Size	Straight Thread	Hex	Brass	
			Part #	Price/E
1/4"	7/16"-20	9/16"	41FL-4	\$2.70
3/8"	5/8"-18	3/4"	41FL-6	6.75
1/2"	3/4"-16	7/8"	41FL-8	8.45



Brass Compression Fittings

Applications:

- for use with copper, aluminum and Parflex thermoplastic tubing
- not recommended for steel tubing or applications using gaseous media

Features:

- no flaring, soldering or other preparation of tubing necessary to assemble
- manufactured for connection to low and medium pressure tubing connection work where excessive vibration or tube movement is not involved
- Underwriter's Laboratories listed for flammable liquid
- Compression fittings meet functional requirements of SAE J-512 and ASA.

Assembly Instructions:

1. Slide nut, then sleeve onto tubing. The thread end of the nut must face outward.
2. Insert the tube into the fitting. Be sure the tube is bottomed on the fitting shoulder.
3. Assemble nut to body, than tighten hand-tight. Then follow the number of wrench turns as indicated in the table below.

Fitting Size	Tube OD	Tube Wall	Turns required to seal from hand-tight		PSI @ 73°F
			60C Series with soft metal tubing	60PT Series with thermoplastic tubing	
2	1/8	.030	1-1/4	-	400
3	3/16	.030	1-1/4	-	400
4	1/4	.030	1-1/4	2	300
5	5/16	.032	1-1/4	2	300
6	3/8	.032	2-1/4	2	200
8	1/2	.032	2-1/4	2	200
10	5/8	.035	2-1/4	2	150
12	3/4	.035	2-1/4	2	100
14	7/8	.035	2-1/4	-	75

Male Connectors



Feature:

- reference SAE 060102 BA

Tube Size	Pipe Thread	Brass	
		Part #	Price/E
1/8"	1/8"	68C-0202	\$3.55
3/16"	1/8"	68C-0302	3.55
3/16"	1/4"	68C-0304	6.10
1/4"	1/8"	68C-0402	2.97
1/4"	1/4"	68C-0404	4.31
1/4"	3/8"	68C-0406	6.75
1/4"	1/2"	68C-0408	10.87
5/16"	1/8"	68C-0502	5.50
5/16"	1/4"	68C-0504	4.75
3/8"	1/8"	68C-0602	4.45
3/8"	1/4"	68C-0604	4.76
3/8"	3/8"	68C-0606	6.07
3/8"	1/2"	68C-0608	8.67
7/16"	1/4"	68C-0704	13.50
1/2"	1/4"	68C-0804	9.24
1/2"	3/8"	68C-0806	10.80
1/2"	1/2"	68C-0808	10.78
5/8"	3/8"	68C-1006	14.41
5/8"	1/2"	68C-1008	13.58
5/8"	3/4"	68C-1012	23.72
3/4"	1/2"	68C-1208	22.19
3/4"	3/4"	68C-1212	28.30
7/8"	3/4"	68C-1412	27.75

Female Connectors



Feature:

- reference SAE 060103 BA

Tube Size	Pipe Thread	Brass	
		Part #	Price/E
1/8"	1/8"	66C-0202	\$5.91
3/16"	1/8"	66C-0302	5.40
3/16"	1/4"	66C-0304	16.02
1/4"	1/8"	66C-0402	3.55
1/4"	1/4"	66C-0404	8.78
5/16"	1/8"	66C-0502	7.95
5/16"	1/4"	66C-0504	14.85
3/8"	1/8"	66C-0602	5.50
3/8"	1/4"	66C-0604	8.76
3/8"	3/8"	66C-0606	9.27
3/8"	1/2"	66C-0608	14.15
1/2"	1/4"	66C-0804	15.66
1/2"	3/8"	66C-0806	12.95
1/2"	1/2"	66C-0808	19.31
5/8"	1/2"	66C-1008	18.75

Unions



Feature:

- reference SAE 060101 BA

Tube Size	Brass	
	Part #	Price/E
1/8"	62C-02	\$6.65
3/16"	62C-03	4.86
1/4"	62C-04	4.50
5/16"	62C-05	6.33
3/8"	62C-06	5.67
7/16"	62C-07	28.07
1/2"	62C-08	13.42
5/8"	62C-10	18.18
3/4"	62C-12	37.82
7/8"	62C-14	44.20

Brass Compression Fittings

Union Reducers

**Feature:**

- reference SAE 060101 BA

Tube Size	Brass	
	Part #	Price/E
3/16" x 1/4"	62C-0403	\$13.15
1/4" x 3/8"	62C-0604	13.01
3/8" x 1/2"	62C-0806	24.82
3/8" x 5/8"	62C-1006	17.85

Bulkhead Unions



Tube Size	Brass	
	Part #	Price/E
1/4"	62CBH-04	\$13.73
3/8"	62CBH-06	27.06

Straight Through Tank Fittings



Tube Size	Pipe Thread	Brass	
		Part #	Price/E
3/16"	1/8"	682C-0302	\$12.45
3/8"	3/8"	682C-0606	17.98
1/2"	1/2"	682C-0808	24.05

Male Elbows

**Feature:**

- reference SAE 060202 BA

Tube Size	Pipe Thread	Brass	
		Part #	Price/E
1/8"	1/8"	269C-0202	\$6.17
3/16"	1/8"	169C-0302	9.07
3/16"	1/4"	169C-0304	17.86
1/4"	1/8"	169C-0402	7.30
1/4"	1/4"	169C-0404	7.56
1/4"	3/8"	169C-0406	18.18
5/16"	1/8"	169C-0502	12.10
5/16"	1/4"	169C-0504	12.20
5/16"	3/8"	169C-0506	27.03
3/8"	1/8"	169C-0602	10.61
3/8"	1/4"	169C-0604	8.30
3/8"	3/8"	169C-0606	10.22
3/8"	1/2"	169C-0608	18.07
1/2"	1/4"	169C-0804	19.97
1/2"	3/8"	169C-0806	14.96
1/2"	1/2"	169C-0808	19.92
5/8"	1/2"	169C-1008	24.55
3/4"	1/2"	169C-1208	39.85
3/4"	3/4"	169C-1212	39.85

Female Elbows

**Feature:**

- reference SAE 060203 BA

Tube Size	Pipe Thread	Brass	
		Part #	Price/E
1/8"	1/8"	170C-0202	\$11.33
3/16"	1/8"	170C-0302	13.00
1/4"	1/8"	170C-0402	10.26
1/4"	1/4"	170C-0404	15.29
3/8"	1/4"	170C-0604	16.11
3/8"	3/8"	170C-0606	18.82
7/16"	1/4"	170C-0704	33.40
1/2"	3/8"	170C-0806	19.66

45° Elbows



Tube Size	Pipe Thread	Brass	
		Part #	Price/E
1/4"	1/8"	179C-0402	\$13.24
1/4"	1/4"	179C-0404	15.55
3/8"	1/8"	179C-0602	24.56
3/8"	1/4"	179C-0604	17.92
3/8"	3/8"	179C-0606	24.68
1/2"	3/8"	179C-0806	30.38

Union Elbows

**Feature:**

- reference SAE 060201 BA

Tube Size	Brass	
	Part #	Price/E
1/8"	165C-02	\$19.10
3/16"	165C-03	10.26
1/4"	165C-04	10.51
5/16"	165C-05	16.22
3/8"	165C-06	9.85
7/16"	165C-07	23.85
1/2"	165C-08	23.10
5/8"	165C-10	27.27
3/4"	165C-12	53.87

Brass Compression Fittings

Male Branch Tees



Feature:

- reference SAE 060425 BA

F

Tube Size	Pipe Thread	Brass	
		Part #	Price/E
1/8"	1/8"	172C-0202	\$15.40
3/16"	1/8"	172C-0302	15.36
1/4"	1/8"	172C-0402	10.75
1/4"	1/4"	172C-0404	13.75
3/8"	1/8"	172C-0602	18.00
3/8"	1/4"	172C-0604	14.90
3/8"	3/8"	172C-0606	22.00
1/2"	3/8"	172C-0806	26.46

Female Branch Tee



Tube Size	Pipe Thread	Brass	
		Part #	Price/E
1/4"	1/8"	177C-0402	\$17.19

Union Tees



Feature:

- reference SAE 060401 BA

Tube Size 1 and 2	Tube Size 3	Brass	
		Part #	Price/E
1/8"	1/8"	164C-02	\$20.87
3/16"	3/16"	264C-03	16.62
1/4"	1/4"	164C-04	11.30
5/16"	5/16"	164C-05	17.25
3/8"	3/8"	164C-06	14.90
1/2"	1/2"	164C-08	28.65
5/8"	5/8"	164C-10	47.45
3/4"	3/4"	164C-12	102.28
3/8"	1/4"	164C-06-06-04	18.34
1/2"	3/8"	164C-08-08-06	71.60

Male Run Tees



Feature:

- reference SAE 060424 BA

Tube Size	Pipe Thread	Brass	
		Part #	Price/E
1/8"	1/8"	171C-0202	\$15.95
1/4"	1/8"	171C-0402	12.10
1/4"	1/4"	171C-0404	14.40
3/8"	1/4"	171C-0604	17.00

Adapter Tee



Tube Size	Male Pipe Thread	Female Straight Thread	Brass	
			Part #	Price/E
1/4"	1/8"	7/16"-24	176C-0402	\$12.45

Seal Plug



Tube Size	Brass	
	Part #	Price/E
1/4"	639C-04	\$4.32

Brass Compression Fittings

Brass Inserts



Tube Size	Wall Thickness	Brass	
		Part #	Price/E
1/8"	.016	63PT-0216	\$0.96
1/8"	.023	63PT-0223	1.15
3/16"	.025	63PT-0325	1.05
3/16"	.040	63PT-0340	0.86
1/4"	.040	63PT-0440	0.72
1/4"	.062	63PT-0462	1.25
5/16"	.040	63PT-0540	1.80
5/16"	.062	63PT-0562	1.12
3/8"	.062	63PT-0662	0.80
1/2"	.062	63PT-0862	1.06
5/8"	.062	63PT-1062	2.11

- Acetal sleeves and brass inserts allow for standard compression fittings to be used with industrial grades of thermoplastic tubing.

Brass Sleeves


Feature:

- reference SAE 060115

Tube Size	Brass	
	Part #	Price/E
1/8"	60C-02	\$0.72
3/16"	60C-03	0.72
1/4"	60C-04	0.72
5/16"	60C-05	0.72
3/8"	60C-06	0.72
7/16"	60C-07	2.79
1/2"	60C-08	1.07
5/8"	60C-10	1.44
3/4"	60C-12	1.98
7/8"	60C-14	4.14

F

Acetal Sleeves



Tube Size	Acetal	
	Part #	Price/E
1/4"	60PT-04	\$0.76
5/16"	60PT-05	0.96
3/8"	60PT-06	0.86
1/2"	60PT-08	1.06
5/8"	60PT-10	1.55

Long Nuts


Feature:

- reference SAE 060111

Tube Size	Straight Thread	Brass	
		Part #	Price/E
1/4"	7/16"-24	61CL-04	\$2.86
5/16"	1/2"-24	61CL-05	13.50
3/8"	9/16"-24	61CL-06	4.95
1/2"	11/16"-20	61CL-08	10.38
5/8"	13/16"-18	61CL-10	18.52
3/4"	1"-18	61CL-12	18.90

Nuts


Feature:

- reference SAE 060110

Tube Size	Straight Thread	Brass	
		Part #	Price/E
1/8"	5/16"-24	61C-02	\$1.11
3/16"	3/8"-24	61C-03	1.20
1/4"	7/16"-24	61C-04	1.15
5/16"	1/2"-24	61C-05	1.55
3/8"	9/16"-24	61C-06	1.39
7/16"	5/8"-24	61C-07	3.33
1/2"	11/16"-20	61C-08	2.97
5/8"	13/16"-18	61C-10	5.40
3/4"	1"-18	61C-12	9.49
7/8"	1-1/8"-18	61C-14	10.92

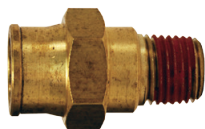
Brass Push-In Fittings

Features:

- saves up to 75% of assembly time compared to the standard compression fittings
- quick connect: simply push tubing in, no tools required
- quick disconnect: hold two fingers on insert and pull tubing out, no tools required
- reusable: connect and disconnect numerous times
- full flow design provides up to 60% more flow than conventional fittings with internal tube supports
- positive seal: no leaks, after tubing is inserted, seal is made
- secure tube retention: pulling on tubing only serves to tighten the connection
- pre-applied PTFE based pipe sealant on all male pipe threads saves customer additional labor
- working pressure: fittings are suitable for use up to the maximum working pressure of the plastic tubing used also suitable for vacuum service
- temperature range: **-10°F to 200°F**

F

Male Connectors



tube to male NPTF

Tube OD	Male NPTF	Brass		Opt Qty
		Part #	Price/E	
1/8"	10-32 ¹	684X10	\$10.70	20
1/8"	1/8"	684X4	7.70	20
5/32"	10-32 ¹	685X10	9.20	20
5/32"	1/8"	685X4	6.50	20
5/32"	1/4"	685X8	8.80	10
3/16"	10-32 ¹	686X10	10.40	20
3/16"	1/8"	686X4	8.75	20
1/4"	10-32 ¹	688X10	9.60	20
1/4"	1/8"	688X4	5.35	20
1/4"	1/4"	688X8	5.80	10
1/4"	3/8"	688X12	10.20	10
3/8"	1/8"	6812X4	7.70	10
3/8"	1/4"	6812X8	7.55	10
3/8"	3/8"	6812X12	8.70	10
3/8"	1/2"	6812X16	13.85	5
1/2"	1/4"	6816X8	12.40	5
1/2"	3/8"	6816X12	12.65	5
1/2"	1/2"	6816X16	16.10	5

¹ UNF - Straight thread, supplied with gasket

Female Connectors



tube to female NPTF

Tube OD	Female NPTF	Brass		Opt Qty
		Part #	Price/E	
1/8"	1/8"	664X4	\$17.40	10
5/32"	1/8"	665X4	14.35	10
1/4"	1/8"	668X4	10.00	10
1/4"	1/4"	668X8	13.00	10
3/8"	1/4"	6612X8	14.05	10
3/8"	3/8"	6612X12	19.00	5

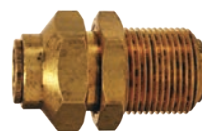
Unions



tube to tube

Tube OD	Brass		Opt Qty
	Part #	Price/E	
1/8"	624	\$9.00	20
5/32"	625	9.85	10
1/4"	628	9.00	10
3/8"	6212	11.00	10
1/2"	6216	14.30	5

Bulkhead Unions



tube to male thread

Tube OD	Thread	Brass		Opt Qty
		Part #	Price/E	
1/8"	7/16"-20	824	\$24.50	10
5/32"	7/16"-20	825	23.00	10
1/4"	1/2"-20	828	16.50	10
3/8"	3/4"-16	8212	23.00	5
1/2"	15/16"-16	8216	34.00	5

Brass Push-In Fittings

Male Elbows



tube to male NPTF

Tube OD	Male NPTF	Forged Brass		Opt Qty
		Part #	Price/E	
1/8"	1/8"	694X4	\$7.45	10
5/32"	1/8"	695X4	7.25	10
3/16"	1/8"	696X4	7.90	10
1/4"	1/8"	698X4	6.75	10
1/4"	1/4"	698X8	7.75	10
1/4"	3/8"	698X12	12.75	10
3/8"	1/8"	6912X4	10.20	10
3/8"	1/4"	6912X8	10.55	10
3/8"	3/8"	6912X12	12.75	10
1/2"	1/4"	6916X8	14.45	5
1/2"	3/8"	6916X12	13.95	5

Female Elbows



tube to female NPTF

Tube OD	Female NPTF	Forged Brass		Opt Qty
		Part #	Price/E	
5/32"	1/8"	705X4	\$7.80	10
1/4"	1/8"	708X4	8.90	10
1/4"	1/4"	708X8	11.50	5
3/8"	1/4"	7012X8	19.05	5

F

Union Elbows



tube to tube

Tube OD	Forged Brass		Opt Qty
	Part #	Price/E	
1/8"	654	\$9.80	10
5/32"	655	8.70	10
1/4"	658	9.65	10
3/8"	6512	13.50	10
1/2"	6516	20.80	5

Male Swivel Elbows



tube to male NPTF

Tube OD	Male NPTF	Forged Brass		Opt Qty
		Part #	Price/E	
1/8"	1/8"	69S4X4	\$9.10	10
5/32"	10-32 ¹	69S5X10	10.35	10
5/32"	1/8"	69S5X4	9.60	10
5/32"	1/4"	69S5X8	11.45	10
1/4"	10-32 ¹	69S8X10	11.75	10
1/4"	1/8"	69S8X4	8.60	10
1/4"	1/4"	69S8X8	10.90	10
1/4"	3/8"	69S8X12	16.40	10
3/8"	1/8"	69S12X4	13.35	10
3/8"	1/4"	69S12X8	13.60	10
3/8"	3/8"	69S12X12	14.45	5
3/8"	1/2"	69S12X16	18.50	5
1/2"	3/8"	69S16X12	18.05	5
1/2"	1/2"	69S16X16	21.55	5

¹ UNF - Straight thread, supplied with gasket

Brass Push-In Fittings

Male Branch Tees



tube to male NPTF

Tube OD	Male NPTF	Forged Brass		Opt Qty
		Part #	Price/E	
1/8"	1/8"	724X4	\$10.80	10
5/32"	1/8"	725X4	12.30	10
1/4"	1/8"	728X4	12.75	10
1/4"	1/4"	728X8	13.60	5
3/8"	1/8"	7212X4	16.10	5
3/8"	1/4"	7212X8	17.80	5
3/8"	3/8"	7212X12	19.50	5
1/2"	3/8"	7216X12	23.65	5

Union Tees



tube to tube

Tube OD	Forged Brass		Opt Qty
	Part #	Price/E	
1/8"	644	\$14.10	10
5/32"	645	11.80	10
3/16"	646	13.40	10
1/4"	648	13.40	10
3/8"	6412	18.00	5
1/2"	6416	27.75	5

Male Swivel Branch Tees



tube to male NPTF

Tube OD	Male NPTF	Forged Brass		Opt Qty
		Part #	Price/E	
1/8"	1/8"	72S4X4	\$14.30	10
5/32"	1/8"	72S5X4	14.30	10
1/4"	1/8"	72S8X4	15.40	10
1/4"	1/4"	72S8X8	15.30	5
3/8"	1/4"	72S12X8	18.65	5
3/8"	3/8"	72S12X12	21.25	5
1/2"	3/8"	72S16X12	29.30	5
1/2"	1/2"	72S16X16	34.10	5

Male Run Tees



tube to male NPTF

Tube OD	Male NPTF	Forged Brass		Opt Qty
		Part #	Price/E	
1/8"	1/8"	714X4	\$12.80	10
5/32"	1/8"	715X4	10.60	10
1/4"	1/8"	718X4	12.75	10
1/4"	1/4"	718X8	14.20	5
3/8"	1/8"	7112X4	16.80	5
3/8"	1/4"	7112X8	15.40	5
3/8"	3/8"	7112X12	18.90	5
1/2"	3/8"	7116X12	26.25	5

Male Swivel Run Tees

tube to male NPTF



Tube OD	Male NPTF	Forged Brass		Opt Qty
		Part #	Price/E	
1/8"	1/8"	71S4X4	\$11.95	10
5/32"	10-32 ¹	71S5X10	20.10	10
5/32"	1/8"	71S5X4	13.60	5
1/4"	1/8"	71S8X4	14.45	5
1/4"	1/4"	71S8X8	15.30	5
3/8"	1/4"	71S12X8	18.90	5
3/8"	3/8"	71S12X12	19.95	5
1/2"	3/8"	71S16X12	30.25	5
1/2"	1/2"	71S16X16	33.95	5


¹ UNF - Straight thread, supplied with gasket.

Stainless Steel Legris Push-In Fittings

Applications:

Suitable for many industries such as: chemical, food, packaging and medical.

Features:

- temperature range: **-4°F to 245°F**
- maximum operating pressure: **290 PSI**
- *Maximum circuit pressure depends equally on the type and diameter of the tube used.*
- conforms to FDA and 1934/2004 CE standards 

Compatible with a range of tubes:

- semi-rigid nylon tube
- flexible polyurethane tube
- low density polyethylene
- PTFE tube FEP 140
- stainless steel and copper tube (when grooved)

Materials of Construction:

- body - AISI 316 stainless steel
- backup washer - 316L stainless steel
- collet - 303L stainless steel
- seal - FKM O-ring
- Thread sealant does not come pre-applied on male threads, allowing the appropriate sealant for the application to be applied by the user.
- silicone free

Straight Male Connectors



tube to male NPT

Tube OD	Male NPT	Stainless Steel		Pkg Qty
		Part #	Price/E	
1/4"	1/8"	38055611	\$58.05	10
1/4"	1/4"	38055614	61.15	10
3/8"	1/4"	38056014	72.55	10
3/8"	3/8"	38056018	77.70	10
1/2"	3/8"	38056218	98.35	10
1/2"	1/2"	38056222	104.55	10

- internal hex allows ease of assembly in tight places

Unions



tube to tube

Tube OD	Stainless Steel		Pkg Qty
	Part #	Price/E	
1/4"	38065600	\$68.05	10
3/8"	38066000	94.20	10
1/2"	38066200	120.50	10

Bulkhead Unions



tube to tube

Tube OD	Stainless Steel		Pkg Qty
	Part #	Price/E	
1/4"	38165600	\$139.10	10
3/8"	38166000	150.10	10
1/2"	38166200	189.60	10

Male Elbows



tube to male NPT

Tube OD	Male NPT	Stainless Steel		Pkg Qty
		Part #	Price/E	
1/4"	1/8"	38895611	\$86.40	10
1/4"	1/4"	38895614	96.70	10
3/8"	1/4"	38896014	155.40	10
3/8"	3/8"	38896018	161.50	10
1/2"	3/8"	38896218	196.75	10
1/2"	1/2"	38896222	199.75	10

- body is orientable for positioning purposes

Equal Elbow Union



tube to tube

Tube OD	Stainless Steel		Pkg Qty
	Part #	Price/E	
1/4"	38025600	\$79.70	10

Union Tees



tube to tube to tube

Tube OD	Stainless Steel		Pkg Qty
	Part #	Price/E	
1/4"	38045600	\$111.80	10
3/8"	38046000	178.30	10
1/2"	38046200	212.95	10

Nickel-Plated Brass Legris Push-In Fittings

Applications:

- Push-to-connect forged fittings are nickel plated and have an FKM seal making them suitable to use with liquids and gaseous fluids.
- Fittings are plated with a high phosphorous FDA nickel plate allowing them to be used in applications where exposure to harsh environments is present.
- applications include: food industry, packaging, robotics, pulp and paper and wash down

Features:

- FDA compliant
- temperature range: **-4°F to 302°F**
- pressure range: up to **435 PSI**
(*maximum circuit pressure depends on media, temperature and diameter of tube used*)
- full flow
- excellent resistance to abrasion and corrosion
- silicone free
- available in fractional and metric sizes

Construction:

- body: high phosphorous FDA nickel plated brass
- back-up washer: high phosphorous FDA nickel plated brass
- collet: high phosphorous FDA nickel plated brass
- O-ring: FKM fluoroelastomer conforming to FDA standards
- base: high phosphorous FDA nickel plated brass
- thread sealant is intentionally left off product so the appropriate sealant for the application can be applied

Female Connectors



tube to female NPT

Tube OD	Female NPT	Nickel-Plated Brass		Opt Qty
		Part #	Price/E	
5/32"	1/4"	36150414	\$12.90	10
1/4"	1/8"	36155611	8.40	10
1/4"	1/4"	36155614	15.05	10
3/8"	1/4"	36156014	17.05	10
3/8"	3/8"	36156018	20.80	10
1/2"	3/8"	36156218	21.15	10
1/2"	1/2"	36156222	21.40	10

Male Connectors



tube to male NPT

Tube OD	Male NPT	Nickel-plated Brass		Opt Qty
		Part #	Price/E	
5/32"	10-32 ¹	36010420	\$7.45	10
5/32"	1/8"	36750411	6.40	10
5/32"	1/4"	36750414	8.30	10
1/4"	10-32 ¹	36015620	8.95	10
1/4"	1/8"	36755611	5.70	10
1/4"	1/4"	36755614	6.30	10
1/4"	3/8"	36755618	8.35	10
3/8"	1/8"	36756011	12.65	10
3/8"	1/4"	36756014	10.40	10
3/8"	3/8"	36756018	12.15	10
3/8"	1/2"	36756022	15.85	10
1/2"	3/8"	36756218	15.65	10
1/2"	1/2"	36756222	15.40	10

¹ UNF - Straight thread, supplied with gasket and plastic button

Male Elbows



tube to male NPT

Tube OD	Male NPT	Nickel-plated Brass		Pkg Qty
		Part #	Price/E	
5/32"	10-32 ¹	36990420	\$11.55	10
5/32"	1/8"	36090411	7.95	10
5/32"	1/4"	36090414	9.95	10
1/4"	1/8"	36095611	7.55	10
1/4"	1/4"	36095614	8.65	10
1/4"	3/8"	36095618	12.65	10
3/8"	1/4"	36096014	16.85	10
3/8"	3/8"	36096018	15.90	10
3/8"	1/2"	36096022	18.50	10
1/2"	1/2"	36096222	19.55	10

¹ UNF - Straight thread, supplied with gasket and plastic button

- body is orientable for positioning purposes

Male Run Tees



tube to male NPT

Tube OD	Male NPT	Nickel-plated Brass		Pkg Qty
		Part #	Price/E	
5/32"	10-32 ¹	36930420	\$18.65	10
5/32"	1/8"	36030411	16.65	10
5/32"	1/4"	36030414	18.30	10
1/4"	1/8"	36035611	19.50	10
1/4"	1/4"	36035614	16.35	10
1/4"	3/8"	36035618	25.75	10
3/8"	1/4"	36036014	24.15	10
3/8"	3/8"	36036018	25.60	10

¹ UNF - Straight thread, supplied with gasket and plastic button

- body is orientable for positioning purposes

Nickel-Plated Brass Legris Push-In Fittings

Equal Unions



tube to tube

Union Elbows



tube to tube

Equal Union Tees




tube to tube

Tube OD	Nickel-plated Brass		Nickel-plated Brass		Nickel-plated Brass		Pkg Qty
	Part #	Price/E	Part #	Price/E	Part #	Price/E	
5/32"	36060400	\$11.00	36020400	\$10.15	36040400	\$13.30	10
1/4"	36065600	8.20	36025600	8.75	36045600	11.30	10
3/8"	36066000	15.85	36026000	14.35	36046000	17.45	10
1/2"	36066200	19.20	36026200	19.20	36046200	25.55	10

F

Nylon/Nickel-Plated Brass Legris Push-In Fittings

Features:

- materials: nickel-plated brass threads; black body is glass-filled nylon; Buna-N D seal; polypropylene release button; silicone free
- positive seal: sealing and holding is accomplished instantaneously
- reusable: connect and disconnect numerous times
- full flow: fitting seals on outside diameter of tubing
- pre-applied thread sealant on all tapered male pipe threads
- compatible tubing: semi-rigid nylon, polyurethane and polyethylene tube
- working pressure: **290 PSI** at ambient temperature.
- Maximum circuit pressure depends equally on the type and diameter of the tube used. 
- temperature range: **-4°F to 175°F**
- vacuum capability: vacuum of 28" Hg (99% vacuum)

Gripping Ring Technology



Quick Connect and Disconnect:

- To connect, simply push tubing in.
- To disconnect, press the release ring towards the fitting and pull tubing out.
- No tools required.

Female Connectors



tube to female NPT

Male Connectors



tube to male NPT

Tube OD	Male NPT	Nickel-plated Brass		Opt Qty
		Part #	Price/E	
1/8"	1/16"	31755308	\$7.95	10
1/8"	1/8"	31755311	5.35	10
1/8"	1/4"	31755314	8.65	10
5/32"	1/8"	31750411	4.10	10
5/32"	1/4"	31750414	9.00	10
1/4"	1/8"	31755611	4.85	10
1/4"	1/4"	31755614	4.85	10
1/4"	3/8"	31755618	6.85	10
5/16"	1/8"	31750811	9.00	10
5/16"	1/4"	31750814	9.00	10
5/16"	3/8"	31750818	10.10	10
3/8"	1/8"	31756011	9.75	10
3/8"	1/4"	31756014	7.00	10
3/8"	3/8"	31756018	8.65	10
3/8"	1/2"	31756022	12.50	10
1/2"	1/4"	31756214	12.60	10
1/2"	3/8"	31756218	12.60	10
1/2"	1/2"	31756222	13.20	10

Tube OD	Female NPT	Nickel-plated Brass		Opt Qty
		Part #	Price/E	
1/8"	1/8"	30145311	\$8.95	10
1/8"	1/4"	30145314	8.85	10
5/32"	1/8"	30140411	9.75	10
5/32"	1/4"	30140414	11.15	10
1/4"	1/8"	30145611	7.65	10
1/4"	1/4"	30145614	10.00	10
5/16"	1/8"	30140811	13.20	10
5/16"	1/4"	30140814	13.45	10
3/8"	1/8"	30146011	11.85	10
3/8"	1/4"	30146014	14.05	10
3/8"	3/8"	30146018	15.85	10

"Hybrid" Male Connectors



fractional inch tube to male BSPT

Tube OD	Male BSPT	Nickel-plated Brass		Opt Qty
		Part #	Price/E	
1/4"	1/8"	31755610	\$8.80	10
1/4"	1/4"	31755613	9.10	10
3/8"	1/4"	31756013	13.45	10

Nylon Legris Push-In Fittings

Unions



tube to tube

Bulkhead Unions



tube to tube

Union Elbows



tube to tube

Tube OD	Nylon		Nylon		Nylon		Pkg Qty
	Part #	Price/E	Part #	Price/E	Part #	Price/E	
1/8"	31065300	\$6.75	31165300	\$8.75	31025300	\$6.80	10
5/32"	31060400	4.85	31160400	8.60	31020400	5.50	10
1/4"	31065600	5.40	31165600	9.10	31025600	6.10	10
5/16"	31060800	7.00	31160800	11.30	31020800	7.30	10
3/8"	31066000	7.95	31166000	13.50	31026000	9.55	10
1/2"	31066200	13.05	31166200	19.70	31026200	12.85	10

Male Elbows



tube to male NPT

Tube OD	Male NPT	Nylon/Nickel-plated Brass		Opt Qty
		Part #	Price/E	
1/8"	10-32 ¹	31095320	\$8.60	10
1/8"	1/16"	31095308	11.40	10
1/8"	1/8"	31095311	6.00	10
1/8"	1/4"	31095314	8.70	10
5/32"	10-32 ¹	31090420	7.85	10
5/32"	1/8"	31090411	4.80	10
5/32"	1/4"	31090414	10.10	10
1/4"	10-32 ¹	31095620	9.95	10
1/4"	1/8"	31095611	5.40	10
1/4"	1/4"	31095614	5.95	10
1/4"	3/8"	31095618	8.00	10
5/16"	1/8"	31090811	10.70	10
5/16"	1/4"	31090814	10.70	10
5/16"	3/8"	31090818	11.35	10
3/8"	1/8"	31096011	9.10	10
3/8"	1/4"	31096014	8.05	10
3/8"	3/8"	31096018	9.10	10
3/8"	1/2"	31096022	13.65	10
1/2"	1/4"	31096214	10.60	10
1/2"	3/8"	31096218	13.05	10
1/2"	1/2"	31096222	14.85	10

¹ UNF - Straight thread, supplied with gasket

- body is orientable for positioning purposes

Female Elbows



tube to female NPT

Tube OD	Female NPT	Nylon/Nickel-plated Brass		Opt Qty
		Part #	Price/E	
1/8"	1/8"	30095311	\$10.25	10
5/32"	1/4"	30090414	13.60	10
1/4"	1/8"	30095611	6.65	10
1/4"	1/4"	30095614	10.05	10
5/16"	1/8"	30090811	13.95	10
5/16"	1/4"	30090814	14.05	10
3/8"	1/4"	30096014	12.90	10
1/2"	3/8"	30096218	18.20	10

- body is orientable for positioning purposes

Nylon/Nickel-Plated Brass Legris Push-In Fittings

45° Male Elbows Extended Male Elbows



tube to male NPT



tube to male NPT

Tube OD	Male NPT	Nylon/Nickel-plated Brass		Nylon/Nickel-plated Brass		Pkg Qty
		Part #	Price/E	Part #	Price/E	
1/4"	1/8"	31135611	\$6.70	31295611	\$8.75	10
1/4"	1/4"	31135614	7.75	31295614	9.35	10
3/8"	1/4"	31136014	9.70	31296014	13.15	10
3/8"	3/8"	31136018	9.85	31296018	17.95	10

- body is orientable for positioning purposes

Male Branch Tees



tube to male NPT

Tube OD	Male NPT	Nylon/Nickel-plated Brass		Pkg Qty
		Part #	Price/E	
1/8"	10-32 ¹	31085320	\$14.60	10
1/8"	1/8"	31085311	9.35	10
5/32"	10-32 ¹	31080420	13.45	10
5/32"	1/8"	31080411	8.55	10
5/32"	1/4"	31080414	12.70	10
1/4"	1/8"	31085611	7.75	10
1/4"	1/4"	31085614	8.30	10
1/4"	3/8"	31085618	10.40	10
5/16"	1/8"	31080811	11.85	10
5/16"	1/4"	31080814	12.35	10
5/16"	3/8"	31080818	12.70	10
3/8"	1/8"	31086011	16.15	10
3/8"	1/4"	31086014	11.85	10
3/8"	3/8"	31086018	13.75	10
3/8"	1/2"	31086022	18.45	10
1/2"	1/4"	31086214	15.95	10
1/2"	3/8"	31086218	19.30	10
1/2"	1/2"	31086222	21.80	10

- ¹ UNF - Straight thread, supplied with gasket
- body is orientable for positioning purposes

Male Run Tees



tube to male NPT

Tube OD	Male NPT	Nylon/Nickel-plated Brass		Pkg Qty
		Part #	Price/E	
1/8"	10-32 ¹	31035320	\$14.65	10
1/8"	1/16"	31035308	15.20	10
1/8"	1/8"	31035311	9.60	10
5/32"	10-32 ¹	31030420	13.40	10
5/32"	1/8"	31030411	9.50	10
5/32"	1/4"	31030414	12.80	10
1/4"	1/8"	31035611	7.70	10
1/4"	1/4"	31035614	8.30	10
1/4"	3/8"	31035618	10.35	10
5/16"	1/8"	31030811	11.55	10
5/16"	1/4"	31030814	12.15	10
3/8"	1/8"	31036011	15.55	10
3/8"	1/4"	31036014	13.05	10
3/8"	3/8"	31036018	14.70	10
1/2"	1/4"	31036214	15.90	10
1/2"	3/8"	31036218	19.30	10
1/2"	1/2"	31036222	21.40	10

- ¹ UNF - Straight thread, supplied with gasket
- body is orientable for positioning purposes

Y Male Connectors



tube to male NPT

Tube OD	Male NPT	Nylon/Nickel-plated Brass		Pkg Qty
		Part #	Price/E	
5/32"	1/8"	31480411	\$12.60	10
5/32"	1/4"	31480414	12.60	10
1/4"	1/8"	31485611	11.30	10
1/4"	1/4"	31485614	11.55	10

- body is orientable for positioning purposes

Y Connectors



tube to tube

Tube OD	Nylon		Pkg Qty
	Part #	Price/E	
1/8"	31405300	\$7.65	10
5/32"	31400400	7.30	10
1/4"	31405600	8.05	10
5/16"	31400800	10.05	10
3/8"	31406000	14.65	10

Union Tees



tube to tube

Tube OD	Nylon		Pkg Qty
	Part #	Price/E	
1/8"	31045300	\$9.50	10
5/32"	31040400	7.35	10
1/4"	31045600	8.20	10
5/16"	31040800	10.05	10
3/8"	31046000	11.40	10
1/2"	31046200	18.40	10

Plugs

Tube OD	Plastic		Pkg Qty
	Part #	Price/E	
1/8"	31265300	\$1.85	10
5/32"	31260400	0.95	10
1/4"	31265600	2.25	10
5/16"	31260800	2.35	10
3/8"	31266000	2.55	10
1/2"	31266200	2.80	10



Push-In Fitting Kit

Features:

- kit includes plastic case with threaded connectors, threaded elbows and several tube to tube connector configurations found on pages 189-191
- a tubing cutter is also included

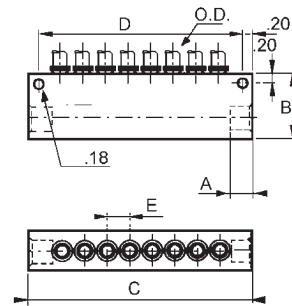
Part #	Price/E
TFK	\$1159.00

Kit contains the following parts:

Part #	Qty	Description
31755311	10	tube to male NPT connector
31750411	10	tube to male NPT connector
31755611	10	tube to male NPT connector
31755614	10	tube to male NPT connector
31756014	5	tube to male NPT connector
31756018	5	tube to male NPT connector
31090411	10	tube to male NPT elbow
31095611	10	tube to male NPT elbow
31095614	10	tube to male NPT elbow
31096011	5	tube to male NPT elbow
31096014	5	tube to male NPT elbow
31096018	5	tube to male NPT elbow
31060400	10	tube to tube union
31065600	10	tube to tube union
31066000	5	tube to tube union
31400400	10	Y connector
31405600	10	Y connector
31406000	5	Y connector
31040400	10	tube to tube union tee
31045600	5	tube to tube union tee
31046000	5	tube to tube union tee
30007100	1	tubing cutter



Legris Modular Manifolds



manifold with push-to-connect ports

OD	NPT Size	Number of Outlets	Dimensions					Part #	Price/E
			A	B	C	D	E		
1/4"	1/4"	8	.55	1.30	4.92	4.53	.50	33155614	\$108.55

Legris Composite Mini Ball Valves

Application:

- These valves enable in-line opening and closing of a pneumatic circuit.

Features:

- 2-way, non-venting valve
- compact and lightweight, suited to all types of installation
- suitable fluid: compressed air
- maximum operating pressure: **145 PSI**
- vacuum rating: vacuum of 28" Hg (99% of vacuum)
- temperature range: **-4°F to 175°F**
- nylon body with nickel-plated brass ball
- a screwdriver slot allows opening and closing even when access is difficult
- handle is differentiated by a blue color and marked with the corresponding pneumatic symbol enabling immediate identification by the user



F

Size	Part #	Price/E
5/32"	79100400	\$45.40
1/4"	79105600	37.70
5/16"	79100800	41.00
3/8"	79106000	45.15

Legris Quick Exhaust Valves

Applications:

The quick exhaust valve can be used with all pneumatic equipment. It dramatically increases system efficiency and the speed of a cylinder by purging cylinder air at the cylinder port rather than the control valve.

Features:

- pressure range: **10 PSI to 150 PSI**
- temperature range: **0°F to 160°F**
- body: nickel-plated brass
- piston: polyurethane
- seals: nylon



NPT Thread	Part #	Price/E
1/8"	79821111	\$17.30
1/4"	79821414	19.00
3/8"	79821818	29.00
1/2"	79822222	39.50

Legris Flow Control Valves

Application:

Valves control the speed of a cylinder by regulating air exhaust. Intake air flows freely through the flow control and exhaust air is metered out through a specially designed fine adjustment screw.

Features:

- push-to connect, meter out flow control, one-piece design.
- control pressure range: **15 PSI to 145 PSI**
- temperature range: **30°F to 160°F**

compact flow control valves

Tube OD	NPT Size	Part #	Price/E	Pkg Qty
5/32"	1/8"	70650411	\$25.90	10
1/4"	1/8"	70655611	28.55	10
1/4"	1/4"	70655614	31.30	10
3/8"	1/4"	70656014	51.85	10
3/8"	3/8"	70656018	62.25	10



miniature exhaust flow control valves

Tube OD	NPT Size	Part #	Price/E	Pkg Qty
5/32"	10-32 ¹	76600420	\$23.50	10
5/32"	1/8"	76650411	23.60	10
1/4"	10-32 ¹	76605620	28.40	10
1/4"	1/8"	76655611	28.35	10
1/4"	1/4"	76655614	28.40	10



¹ UNF - Straight thread, supplied with gasket

Legris In-Line Flow Control Valves

Application: Push-to connect flow control valves are used where cylinder access is difficult or another fitting is attached to the cylinder port.

Features:

- working fluid: compressed air
- pressure range: **15 PSI to 145 PSI**
- temperature range: **30°F to 160°F**
- stackable using the 2 joining clips supplied or panel mountable using existing holes
- body: nylon
- gripping ring: stainless steel
- adjustment screw: nickel-plated brass
- locking nut: nickel-plated brass



Tube OD	Part #	Price/E	Pkg Qty
5/32"	77700400	\$44.00	10
1/4"	77705600	46.50	10
3/8"	77706000	70.95	10
1/2"	77706200	80.80	10

Legris Threaded In-Line Flow Control Valves

Intake air flows freely through the flow control; exhaust air is metered out through a specially designed adjustment screw.

Features:

- arrow on the body of the valve indicates the direction of controlled flow
- may be installed as meter in or meter out devices
- unidirectional flow control valves
- working fluid: compressed air
- pressure range: **15 PSI to 145 PSI**
- temperature range: **30°F to 160°F**
- body: nylon with nickel plated brass thread
- adjustment screw: nickel-plated brass
- locking nut: nickel-plated brass
- threads: nickel-plated brass



Female NPT	Part #	Price/E
1/8"	77751111	\$46.35
1/4"	77751414	51.05
3/8"	77751818	69.95
1/2"	77752222	91.45

Legris In-Line Check Valves

Features:

- allows air to pass in one direction while blocking flow in the other direction, a pressure of more than 7 PSI will overcome the spring pressure and allow flow
- arrow indicates free flow direction
- maximum operating pressure: **145 PSI** at ambient temperature (70°F)

Tube OD	Part #	Price/E	Pkg Qty
5/32"	79960400	\$28.35	10
6mm	79960600	30.35	10
1/4"	79965600	31.55	10
5/16"	79960800	36.30	10



F

Legris In-Line Check Valves

Application:

- compact and lightweight design makes these meter out check valves suitable as a safety item in compressed air circuits

Features:

- allows air to pass in one direction while blocking flow in the other direction
- arrow on body of the fitting indicates direction of flow, a pressure of more than 7 PSI will overcome spring pressure keeping the valve closed, thus allowing the passage of air
- pressure range: **15 PSI** to **145 PSI** at ambient temperature (70°F)
- body: nylon with nickel plated brass base
- pre-applied thread sealant on tapered threads

Tube OD	NPT Size	Part #	Price/E
5/32"	10-32 ¹	79940420	\$32.60
5/32"	1/8"	79950411	27.75
1/4"	1/8"	79955611	31.05
1/4"	1/4"	79955614	31.55
3/8"	1/4"	79956014	38.75
3/8"	3/8"	79956018	43.85



¹ UNF - Straight thread, supplied with gasket

Stainless Steel Legris Uni-Directional Check Valves

Features:

- blocks the fluid passage when the pressure differential is lower than 3.6 PSI
- pressure range: **7 PSI** to **580 PSI**
- temperature range: **-4°F** to **356°F**
- body: 316L stainless steel
- shut-off valve: 316L stainless steel
- return spring: 302 stainless steel
- seals: FKM

NPT Thread	Part #	Price/E
1/8"	48951111	\$178.25
1/4"	48951414	178.25
3/8"	48951818	216.25
1/2"	48952222	214.95



Tubing

Polyurethane Tubing

Features:

- naturally transparent
- temperature range: **-40°F to 165°F**
- for use with the push-in fittings sold on pages 184-191
- excellent memory, flexibility and resistance to kinking
- good resistance to fuels and oils
- low gas and vapor permeability
- high compressive strength
- low compressive set and extractability levels
- outstanding abrasion resistance



F

Size		Wall Thickness	Working Pressure @ 75°F	Length	Part #	Price/Length
OD	ID					
1/8"	.062"	.0295"	255	250' roll	04063	\$47.75
5/32"	.094"	.0315"	210	100' roll	05094	33.75
1/4"	.160"	.0450"	175	100' roll	08160	62.50
3/8"	.245"	.0650"	170	100' roll	12250	117.50
1/2"	.320"	.0900"	175	50' roll	16320	157.00

Polyethylene Tubing

Features:

- designed for FDA applications, complies with 21CFR 177.1520 (c) food contact
- temperature range: **-50°F to 140°F**
- for use with the push-in fittings sold on pages 184-191
- flexible, lightweight, low-density polyethylene (LLDPE) tubing
- for use with plastic or metal inserts with outer sleeve; ferrule or clamps
- formulated to resist stress cracking



Size		Wall Thickness	Working Pressure @ 75°F	Length	Tubing Color	Part #	Price/Length
OD	ID						
1/4"	.125"	.062"	350	100' roll	natural	0804	\$14.80
1/4"	.170"	.040"	200	100' roll	natural	0817	13.40
1/4"	.170"	.040"	200	100' roll	blue	0817BL100	17.30
3/8"	.250"	.062"	190	100' roll	natural	1208	28.25
1/2"	.375"	.062"	135	100' roll	natural	1612	37.10

Size		Wall Thickness	Working Pressure @ 75°F	Length	Tubing Color	Part #	Price/Length
OD	ID						
1/4"	.170"	.040"	150	500' roll	blue	0817BL	\$67.00
1/4"	.170"	.040"	150	500' roll	black	0817BR	67.00
1/4"	.170"	.040"	150	500' roll	natural	0817CR	67.00
3/8"	.250"	.062"	150	500' roll	black	1208BR	120.00
3/8"	.250"	.062"	150	500' roll	natural	1208CR	120.00

Nylon Tubing

Features:

- naturally transparent
- temperature range: **-40°F to 180°F**
- for use with the push-in fittings sold on pages 184-191
- recommended for applications requiring low density, lightweight toughness, flexibility and chemical resistance
- packaged in plastic bags



Size		Wall Thickness	Working Pressure @ 75°F	Length	Part #	Price/Length
OD	ID					
1/8"	.093"	.016"	270	100' roll	04093	\$31.50
5/32"	.106"	.025"	350	100' roll	05106	39.50
3/16"	.138"	.025"	260	100' roll	06138	50.00
1/4"	.170"	.040"	330	100' roll	08170	84.00
1/4"	.180"	.035"	290	100' roll	08180	80.00
3/8"	.275"	.050"	250	100' roll	12275	170.00
1/2"	.375"	.062"	240	100' roll	16375	256.75

Tubing cutters sold on page 370

Legris Tubing

Nylon Tubing

Applications: Nylon tubing, with optimum mechanical properties and good chemical, humidity and abrasive resistance, is ideal for many industrial applications.

Features:

- semi rigid
- temperature range: **-65°F to 200°F**



Size		Wall Thickness	Working Pressure @75°F	Length	Natural		Black		Blue	
OD	ID				Part #	Price/Lgth	Part #	Price/Lgth	Part #	Price/Lgth
1/8"	.093"	.016"	250	50' roll	1091P5300	\$33.65	1091P5301	\$33.45	1091P5304	\$34.50
5/32"	.106"	.025"	300	50' roll	1091P0400	32.00	1091P0401	30.00	1091P0404	30.00
3/16"	.138"	.025"	250	50' roll	1091P5500	53.20	1091P5501	53.55	---	---
1/4"	.170"	.040"	300	50' roll	1091P5600	60.30	1091P5601	64.05	1091P5604	57.75
5/16"	.233"	.040"	250	50' roll	1091P0800	83.75	1091P0801	87.00	1091P0804	87.00
3/8"	.275"	.050"	250	50' roll	1091P6000	119.90	1091P6001	118.00	1091P6004	113.90
1/2"	.375"	.062"	250	50' roll	1091P6200	196.00	1091P6201	186.00	1091P6204	188.10

Size		Wall Thickness	Working Pressure @75°F	Length	Natural		Black		Blue	
OD	ID				Part #	Price/Lgth	Part #	Price/Lgth	Part #	Price/Lgth
1/8"	.093"	.016"	250	100' roll	1094P5300	\$59.25	1094P5301	\$59.25	1094P5304	\$59.25
5/32"	.106"	.025"	300	100' roll	1094P0400	60.75	1094P0401	55.80	1094P0404	66.15
3/16"	.138"	.025"	250	100' roll	1094P5500	98.85	1094P5501	98.85	---	---
1/4"	.170"	.040"	300	100' roll	1094P5600	113.15	1094P5601	114.90	1094P5604	103.60
5/16"	.233"	.040"	250	100' roll	1094P0800	151.85	1094P0801	154.55	1094P0804	153.00
3/8"	.275"	.050"	250	100' roll	1094P6000	215.70	1094P6001	218.25	1094P6004	209.20
1/2"	.375"	.062"	250	100' roll	1094P6200	352.25	1094P6201	358.15	1094P6204	350.45

Polyurethane - 95 Durometer Tubing

Applications: High flexibility and a small bend radius make this tubing very good for applications where space is tight. For applications where the tubing will be exposed, black colored tubing is recommended.

Feature:

- temperature range: **-40°F to 165°F**



Size		Wall Thickness	Working Pressure @75°F	Length	Clear		Black		Blue	
OD	ID				Part #	Price/Lgth	Part #	Price/Lgth	Part #	Price/Lgth
1/8"	.062"	.031"	233	50' roll	1091U53R00	\$25.25	1091U5301	\$24.65	1091U5304	\$25.30
5/32"	.093"	.031"	176	50' roll	1091U04R00	34.70	1091U0401	30.55	1091U0404	31.35
1/4"	.160"	.045"	148	50' roll	1091U56R00	54.50	1091U5601	58.80	1091U5604	57.10
5/16"	.216"	.049"	148	50' roll	1091U08R00	83.50	1091U0801	77.05	1091U0804	81.35
3/8"	.250"	.066"	147	50' roll	1091U60R00	102.00	1091U6001	110.30	1091U6004	104.10
1/2"	.320"	.090"	140	50' roll	1091U62R00	198.45	1091U6201	200.10	1091U6204	206.00

Size		Wall Thickness	Working Pressure @75°F	Length	Clear		Black		Blue	
OD	ID				Part #	Price/Lgth	Part #	Price/Lgth	Part #	Price/Lgth
1/8"	.062"	.031"	233	100' roll	1094U53R00	\$45.10	1094U5301	\$44.40	1094U5304	\$47.40
5/32"	.093"	.031"	176	100' roll	1094U04R00	58.60	1094U0401	56.50	1094U0404	58.85
1/4"	.160"	.045"	148	100' roll	1094U56R00	98.15	1094U5601	103.50	1094U5604	96.40
5/16"	.216"	.049"	148	100' roll	1094U08R00	156.00	1094U0801	143.75	1094U0804	157.75
3/8"	.250"	.066"	147	100' roll	1094U60R00	190.20	1094U6001	197.85	1094U6004	194.60
1/2"	.320"	.090"	140	100' roll	1094U62R00	355.05	1094U6201	354.00	1094U6204	372.00

Fluoropolymer FEP 140 Tubing

Features:

- FDA compliant materials
- provides excellent resistance to aggressive and corrosive agents and high temperatures
- maximum temperature: **300°F**



Size		Wall Thickness	Working Pressure @72°F	Length	Clear	
OD	ID				Part #	Price/Length
1/8"	.062"	.031"	500	25' roll	1092T5300	\$79.95
1/4"	.170"	.031"	165	25' roll	1092T5600	177.35
3/8"	.300"	.062"	249	25' roll	1092T6000	287.10
1/2"	.420"	.062"	165	25' roll	1092T6200	386.85

Metric Push-In Fittings

Features:

- materials: nickel-plated brass, black glass-filled nylon body, Buna-N D-seal, polypropylene release button, silicone free
- positive seal: sealing and holding is accomplished instantaneously
- reusable: connect and disconnect numerous times
- full flow: fitting seals on outside diameter of tubing
- pressure rating: **290 PSI** at ambient temperature
- temperature range: **-4°F to 175°F**
- pre-applied thread sealant on all tapered male pipe threads
- compatible tubing: semi-rigid nylon, polyurethane and polyethylene tube
- vacuum rating: vacuum of 28" Hg (99% vacuum)

Gripping Ring Technology



Quick Connect and Disconnect:

- to connect: simply push tubing in
- to disconnect: press the release ring towards the fitting and pull tubing out
- no tools required

Male Connectors



tube to male BSPT

Tube OD	Male BSPT	Part #	Price/E	Pkg Qty
4 mm	1/8"	31750410	\$5.00	10
4 mm	1/4"	31750413	8.00	10
6 mm	1/8"	31750610	6.05	10
6 mm	1/4"	31750613	6.90	10
8 mm	1/8"	31750810	8.20	10
8 mm	1/4"	31750813	8.20	10
8 mm	3/8"	31750817	10.05	10
10 mm	1/4"	31751013	10.80	10
10 mm	3/8"	31751017	12.15	10

- internal hex allows ease of assembly in tight places

Female Connectors



tube to female BSPP

Tube OD	Female BSPP	Part #	Price/E	Pkg Qty
4 mm	1/8"	31140410	\$9.00	10
4 mm	1/4"	31140413	11.50	10
6 mm	1/8"	31140610	8.60	10
6 mm	1/4"	31140613	10.45	10
8 mm	1/8"	31140810	10.90	10
8 mm	1/4"	31140813	10.30	10

Male Elbows



tube to male BSPT

Tube OD	Male BSPT	Part #	Price/E	Pkg Qty
4 mm	1/8"	31090410	\$6.55	10
4 mm	1/4"	31090413	10.15	10
6 mm	1/8"	31090610	7.05	10
6 mm	1/4"	31090613	7.60	10
8 mm	1/8"	31090810	10.35	10
8 mm	1/4"	31090813	10.35	10
8 mm	3/8"	31090817	11.60	10
10 mm	1/4"	31091013	16.40	10
10 mm	3/8"	31091017	16.30	10

- body is orientable for positioning purposes

Male Branch Tees



tube to male BSPT

Tube OD	Male BSPT	Part #	Price/E	Pkg Qty
4 mm	1/8"	31080410	\$9.35	10
4 mm	1/4"	31080413	13.80	10
6 mm	1/8"	31080610	9.95	10
6 mm	1/4"	31080613	10.15	10
8 mm	1/8"	31080810	12.60	10
8 mm	1/4"	31080813	13.10	10

- body is orientable for positioning purposes

Nylon Metric Tubing Rolls

Features:

- translucent color
- resistant to fungus, abrasion, moisture and UV
- temperature range: **-60°F to 200°F**



Size		Wall Thickness	Working Pressure @ 75°F	Length	Part #	Price/Length
OD	ID					
4 mm	2.7 mm	.65 mm	350	25 m	1025P0400	\$40.75
6 mm	4 mm	1 mm	340	25 m	1025P0600	86.00
8 mm	6 mm	1 mm	250	25 m	1025P0800	124.00

Tubing cutters sold on page 370

Metric Push-In Fittings

Unions



tube to tube

Tube OD	Tube OD	Part #	Price/E	Pkg Qty
4 mm	6 mm	31060406	\$10.65	10
6 mm	6 mm	31060600	6.20	10
10 mm	10 mm	31061000	15.65	10

Union Tees



tube to tube

Tube OD	Part #	Price/E	Pkg Qty
6 mm	31040600	\$9.10	10
10 mm	31041000	21.90	10

Union Elbows



tube to tube

Tube OD	Tube OD	Part #	Price/E	Pkg Qty
6 mm	6 mm	31020600	\$7.45	10
10 mm	10 mm	31021000	14.90	10

Bulkhead Unions



Tube OD	Tube OD	Part #	Price/E	Pkg Qty
6 mm	6 mm	31160600	\$9.90	10

Y Connectors



Tube OD	Tube OD	Part #	Price/E	Pkg Qty
6 mm	6 mm	31400600	\$9.10	10

Plugs



Tube OD	Tube OD	Part #	Price/E	Pkg Qty
6 mm	6 mm	31260600	\$2.30	10
10 mm	10 mm	31261000	4.75	10

Male Connectors



tube to thread

Tube OD	Male Thread	Part #	Price/E	Pkg Qty
4 mm	M5	31010419	\$7.00	10
4 mm	1/8 BSPP	31010410	5.95	10
6 mm	M5	31010619	9.85	10
6 mm	1/8 BSPP	31010610	6.75	10
6 mm	1/4 BSPP	31010613	7.65	10
8 mm	1/8 BSPP	31010810	8.50	10
8 mm	1/4 BSPP	31010813	9.30	10
10 mm	1/4 BSPP	31011013	15.25	10

Male Elbows



tube to thread

Tube OD	Male Thread	Part #	Price/E	Pkg Qty
4 mm	M5	31990419	\$7.30	10
4 mm	1/8 BSPP	31990410	7.85	10
6 mm	M5	31990619	7.85	10
6 mm	1/8 BSPP	31990610	7.95	10
6 mm	1/4 BSPP	31990613	10.75	10
8 mm	1/8 BSPP	31990810	12.20	10
8 mm	1/4 BSPP	31990813	12.20	10
10 mm	1/4 BSPP	31991013	16.80	10

- internal hex allows ease of assembly in tight places

- body is orientable for positioning purposes

D.O.T. Push-In Fittings

Features:

- materials:
 - body (straights) tube, supports and grippers: brass CA360
 - forged elbows and tees: brass CA377
 - O-ring: Buna-N
- suitable for use up to the maximum working pressure of the plastic tubing used, also suitable for vacuum service
- temperature range: **-40°F to 212°F**
- pre-applied thread sealant (Loctite 516®) on all male pipe threads
- compatible tubing: SAE J844
- meets D.O.T FMVSS 571.106 and SAE J1131, SAE J2494-1 and SAE J2494-3

Male Elbows



tube to male NPT

Tube OD	Male NPT	Part #	Price/E	Pkg Qty
1/4"	1/8"	AQ69DOT4X2	\$8.95	10
1/4"	1/4"	AQ69DOT4X4	10.15	10
3/8"	1/4"	AQ69DOT6X4	11.40	10

Swivel Male Elbows



tube to male NPT

Tube OD	Male NPT	Part #	Price/E	Pkg Qty
1/4"	1/8"	AQ69DOTS4X2	\$10.55	10
1/4"	1/4"	AQ69DOTS4X4	11.40	10
1/4"	3/8"	AQ69DOTS4X6	16.45	10
3/8"	1/4"	AQ69DOTS6X4	15.10	10
3/8"	3/8"	AQ69DOTS6X6	17.00	5

Male Connectors



tube to male NPT

Tube OD	Male NPT	Part #	Price/E	Pkg Qty
1/4"	1/8"	AQ68DOT4X2	\$6.15	10
1/4"	1/4"	AQ68DOT4X4	6.95	10
1/4"	3/8"	AQ68DOT4X6	11.25	5
3/8"	1/4"	AQ68DOT6X4	9.60	10
3/8"	3/8"	AQ68DOT6X6	10.30	10

Swivel Male Run Tees



tube to male NPT

Tube OD	Male NPT	Part #	Price/E	Pkg Qty
1/4"	1/8"	AQ71DOTS4X2	\$17.95	10
1/4"	1/4"	AQ71DOTS4X4	17.95	5

Union Connectors



tube to tube

Tube OD	Part #	Price/E	Pkg Qty
1/4"	AQ62DOT4	\$11.45	10
3/8"	AQ62DOT6	13.00	10

Swivel Male Branch Tees



tube to tube to male NPT

Tube OD	Male NPT	Part #	Price/E	Pkg Qty
1/4"	1/8"	AQ72DOTS4X2	\$17.95	10
1/4"	1/4"	AQ72DOTS4X4	18.80	5

Union Tees



tube to tube

Tube OD	Part #	Price/E	Pkg Qty
1/4"	AQ64DOT4	\$17.05	10
3/8"	AQ64DOT6	20.80	10

D.O.T. Push-In Fittings

Features:

- materials: composite body, brass collet, stainless steel tube support, brass threads, Buna-N O-ring
- maximum operating pressure: **250 PSI** at ambient temperature
- temperature range: **-40°F to 200°F**
- suitable fluids: compressed air only
- complies with the performance requirements of D.O.T FMVSS 571.106 (SAE J1131) and SAE J2494-3
- These fittings are designed for use on all pneumatic circuits other than air brake assemblies between the frame and axle or between towed and towing vehicle.*



Straight Male Connectors



tube to male NPT

Tube OD	Male NPT	Part #	Price/E	Pkg Qty
5/32"	1/8"	31150411DOT	\$5.90	10
5/32"	1/4"	31150414DOT	9.05	10
3/16"	1/8"	31155511DOT	7.75	10
3/16"	1/4"	31155514DOT	10.85	10
1/4"	1/8"	31155611DOT	5.30	10
1/4"	1/4"	31155614DOT	5.80	10
1/4"	3/8"	31155618DOT	7.55	10
3/8"	1/8"	31156011DOT	10.45	10
3/8"	1/4"	31156014DOT	8.10	10
3/8"	3/8"	31156018DOT	10.20	10
3/8"	1/2"	31156022DOT	14.55	10
1/2"	1/4"	31156214DOT	22.55	10
1/2"	3/8"	31156218DOT	21.75	10
1/2"	1/2"	31156222DOT	15.70	10

- meets D.O.T. FMVSS571.106, SAE J2494 and SAE J2494-3

Straight Female Connectors



tube to female NPT

Tube OD	Female NPT	Part #	Price/E	Pkg Qty
5/32"	1/8"	31140411DOT	\$15.60	10
3/16"	1/8"	31145511DOT	12.90	10
1/4"	1/8"	31145611DOT	11.05	10
1/4"	1/4"	31145614DOT	11.15	10
3/8"	1/4"	31146014DOT	15.70	10
3/8"	3/8"	31146018DOT	24.00	10

- meets D.O.T. FMVSS571.106, SAE J2494 and SAE J2494-3

Unions



tube to tube

Tube OD	Part #	Price/E	Pkg Qty
5/32"	31060400DOT ^{1,2}	\$7.30	10
3/16"	31065500DOT ^{1,2}	11.45	10
1/4"	31065600DOT ³	6.50	10
3/8"	31066000DOT ³	9.75	10
1/2"	31066200DOT ³	16.55	10

¹ brass body

² meets D.O.T FMVSS571.106, SAE J2494 and SAE J2494-3

³ meets D.O.T FMVSS571.106, J1131 and SAE2494-3

Bulkhead Unions



tube to tube

Tube OD	Part #	Price/E	Pkg Qty
1/4"	31165600DOT	\$12.10	10
3/8"	31166000DOT	17.00	10
1/2"	31166200DOT	31.30	10

- meets D.O.T. FMVSS571.106, SAE J2494 and SAE J2494-3

D.O.T. Push-In Fittings

Union Elbows



tube to tube

Tube OD	Part #	Price/E	Pkg Qty
5/32"	31020400DOT¹	\$9.00	10
1/4"	31025600DOT	8.35	10
3/8"	31026000DOT	13.35	10
1/2"	31026200DOT	17.35	10

- 5/32" diameter meets D.O.T. FMVSS571.106, SAE J2494 and SAE J2494-3
- 1/4", 3/8" and 1/2" diameters meet D.O.T. FMVSS571.106, J1131 and SAE 2494-3

¹ brass body

Male Elbows



tube to male NPT

Tube OD	Male NPT	Part #	Price/E	Pkg Qty
5/32"	1/8"	31090411DOT¹	\$10.35	10
3/16"	1/8"	31095511DOT¹	12.85	10
1/4"	1/8"	31095611DOT	6.65	10
1/4"	1/4"	31095614DOT	8.05	10
1/4"	3/8"	31095618DOT	16.60	10
3/8"	1/4"	31096014DOT	15.40	10
3/8"	3/8"	31096018DOT	17.75	10
3/8"	1/2"	31096022DOT	17.65	10
1/2"	1/4"	31096214DOT	18.50	10
1/2"	3/8"	31096218DOT	18.35	10
1/2"	1/2"	31096222DOT	22.60	10

- 5/32" and 3/16" diameter meets D.O.T. FMVSS571.106, SAE J2494 and SAE J2494-3
- 1/4", 3/8" and 1/2" diameters meet D.O.T. FMVSS571.106, J1131 and SAE 2494-3
- fitting can be oriented 360° allowing proper positioning of the fitting

¹ brass body

Reducers



Tube OD	Tube OD	Part #	Price/E	Pkg Qty
1/4"	3/8"	31665660DOT	\$5.45	10

- meets D.O.T. FMVSS571.106, J1131 and SAE 2494-3

Plug In Elbow



Tube OD	Part #	Price/E	Pkg Qty
1/4"	31825600DOT	\$4.55	10

- meets D.O.T. FMVSS571.106, J1131 and SAE 2494-3

Male Branch Tees



tube to male NPT to tube

Tube OD	Male NPT	Part #	Price/E	Pkg Qty
1/4"	1/8"	31085611DOT	\$9.70	10
1/4"	1/4"	31085614DOT	10.60	10
1/4"	3/8"	31085618DOT	28.30	10
3/8"	1/4"	31086014DOT	16.30	10
3/8"	3/8"	31086018DOT	19.75	10
3/8"	1/2"	31086022DOT	21.25	10
1/2"	1/4"	31086214DOT	27.05	10
1/2"	3/8"	31086218DOT	25.05	10
1/2"	1/2"	31086222DOT	28.65	10

- 1/4", 3/8" and 1/2" diameters meet D.O.T. FMVSS571.106, J1131 and SAE 2494-3
- fitting can be oriented 360° allowing proper positioning of the fitting

Union Tees



tube to tube to tube

Tube OD	Part #	Price/E	Pkg Qty
5/32"	31040400DOT¹	\$10.80	10
3/16"	31045500DOT¹	19.20	10
1/4"	31045600DOT	10.20	10
3/8"	31046000DOT	12.95	10
1/2"	31046200DOT	21.55	10

- 5/32" and 3/16" diameter meets D.O.T. FMVSS571.106, SAE J2494 and SAE J2494-3
- 1/4", 3/8" and 1/2" diameters meet D.O.T. FMVSS571.106, J1131 and SAE 2494-3

¹ brass body

D.O.T. Push-In Fittings

Male Run Tees



tube to tube to male NPT

Tube OD	Male NPT	Part #	Price/E	Pkg Qty
3/16"	1/8"	31035511DOT ¹	\$20.90	10
1/4"	1/8"	31035611DOT	10.65	10
1/4"	1/4"	31035614DOT	12.30	10
1/4"	3/8"	31035618DOT	19.60	10
3/8"	1/4"	31036014DOT	17.40	10
3/8"	3/8"	31036018DOT	20.90	10
3/8"	1/2"	31036022DOT	22.95	10
1/2"	1/4"	31036214DOT	28.55	10
1/2"	3/8"	31036218DOT	28.10	10
1/2"	1/2"	31036222DOT	30.65	10

- 3/16" diameter meets D.O.T. FMVSS571.106, SAE J2494 and SAE J2494-3
 - 1/4", 3/8" and 1/2" diameters meet D.O.T. FMVSS571.106, J1131 and SAE 2494-3
 - fitting can be oriented 360° allowing proper positioning of the fitting
- ¹ brass body

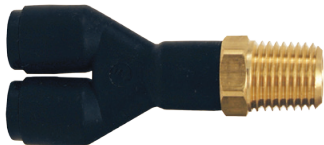
Plug In Run Tee



Tube OD	Part #	Price/E	Pkg Qty
1/4"	31835600DOT	\$11.00	10

- meets D.O.T. FMVSS571.106, J1131 and SAE 2494-3

Y Connectors



tube to tube to male NPT

Tube OD	Male NPT	Part #	Price/E	Pkg Qty
1/4"	1/8"	31485611DOT	\$15.50	10
1/4"	1/4"	31485614DOT	15.70	10

- meets D.O.T. FMVSS571.106, J1131 and SAE 2494-3
- fitting can be oriented 360° allowing proper positioning of the fitting

Y Unions



tube to tube to tube

Tube OD	Part #	Price/E	Pkg Qty
1/4"	31405600DOT	\$11.80	10
3/8"	31406000DOT	19.10	10

- meets D.O.T. FMVSS571.106, J1131 and SAE 2494-3

Air Brake Fittings

Application:

- designed for use in air brake systems or cab controls

Features:

- utilize ribbed sleeve for compression and positive grip
- machined from CA360, CA345, or CA377 brass
- pre-applied thread sealant on all male pipe threads
- maximum operating pressure: **150 PSI**
- temperature range: **-40°F to 200°F**
- compatible tubing: SAE J844 type A and B
- specifications: meets D.O.T FMVSS 571.106 and SAE J1131, and SAE J2494

Assembly Instructions:

- Cut tubing squarely - maximum of 15° angle allowable.
- Check that port or mating part is clean and free of debris.
- Insert tubing into fittings until it bottoms on seat.
- Tighten nut with wrench until one thread remains visible on the fittings body; (this will allow for a number of remakes) or, the nut should be screwed down finger tight, then wrench-tightened as indicated in the chart below.

Tube Size	Turns required to seal from hand tight
3/16"	2½
1/4"	3
3/8" & 1/2"	4
5/8" & 3/4"	3½

Male Connectors



Features:

- ref. SAE 100102 BA
- thread sealant may be white or burnt orange

Tube Size	Pipe Thread	Straight Thread	Part #	Price/E	Pkg Qty
3/16"	1/16"	5/16"-24	68NAB31VS	\$20.23	25
3/16"	1/8"	5/16"-24	68NAB32VS	15.78	50
3/16"	1/4"	5/16"-24	68NAB34VS	20.78	25
1/4"	1/8"	7/16"-24	68NAB42VS	5.32	50
1/4"	1/4"	7/16"-24	68NAB44VS	6.30	50
1/4"	3/8"	7/16"-24	68NAB46VS	7.61	10
3/8"	1/8"	17/32"-24	68NAB62VS	9.14	25
3/8"	1/4"	17/32"-24	68NAB64VS	6.30	25
3/8"	3/8"	17/32"-24	68NAB66VS	8.10	25
3/8"	1/2"	17/32"-24	68NAB68VS	12.60	25
1/2"	1/4"	11/16"-20	68NAB84VS	9.75	10
1/2"	3/8"	11/16"-20	68NAB86VS	10.40	25
1/2"	1/2"	11/16"-20	68NAB88VS	13.26	25
5/8"	3/8"	13/16"-18	68NAB106VS	19.07	10
5/8"	1/2"	13/16"-18	68NAB108VS	16.55	10
3/4"	3/8"	1"-18	68NAB126VS	49.35	10
3/4"	1/2"	1"-18	68NAB128VS	26.91	10
3/4"	3/4"	1"-18	68NAB1212VS	29.07	10

Unions



Tube Size	Straight Thread	Part #	Price/E	Pkg Qty
¼"	7/16"-24	62NAB4	\$7.46	10
⅜"	17/32"-24	62NAB6	9.18	10
½"	11/16"-20	62NAB8	14.54	10
⅝"	13/16"-18	62NAB10	21.77	10
¾"	1"-18	62NAB12	37.15	10

Female Connectors



Feature:

- ref. SAE 100103 BA

Tube Size	Pipe Thread	Straight Thread	Part #	Price/E	Pkg Qty
¼"	⅛"	7/16"-24	66NAB42	\$7.70	25
¼"	¼"	7/16"-24	66NAB44	8.46	10
⅜"	⅛"	17/32"-24	66NAB62	9.18	10
⅜"	¼"	17/32"-24	66NAB64	10.00	10
½"	⅜"	11/16"-20	66NAB86 ¹	15.06	10
½"	½"	11/16"-20	66NAB88	23.08	10
⅝"	⅜"	13/16"-18	66NAB106	20.92	10
⅝"	½"	13/16"-18	66NAB108	27.94	10

¹ not full hex as shown

Bulkhead Unions



Tube Size	Straight Thread	Part #	Price/E	Pkg Qty
¼"	7/16"-24	62NABH4	\$41.00	10
⅜"	17/32"-24	62NABH6	53.20	10
½"	11/16"-20	62NABH8	96.62	10

Bulkhead Unions



Tube Size	Straight Thread	Part #	Price/E	Pkg Qty
3/16"	5/16"-24	62NBH3	\$51.55	10
1/4"	7/16"-24	62NBH4	25.37	10
3/8"	17/32"-24	62NBH6	35.02	10
1/2"	11/16"-20	62NBH8	34.76	10
5/8"	13/16"-18	62NBH10	99.82	10

Air Brake Fittings

Bulkhead Unions



Tube Size	Straight Thread	Part #	Price/E	Pkg Qty
1/4"	7/16"-24	62NFBH4	\$16.61	10
3/8"	17/32"-24	62NFBH6	37.55	10
1/2"	11/16"-20	62NFBH8	30.28	10
5/8"	13/16"-18	62NFBH10	45.62	10

Male Elbows



Features:

- ref. SAE 100202 BA
- thread sealant may be white or burnt orange

Tube Size	Pipe Thread	Straight Thread	Part #	Price/E	Pkg Qty
3/16"	1/8"	5/16"-24	69NAB32VS	\$19.98	10
3/16"	1/4"	5/16"-24	69NAB34VS	29.00	10
1/4"	1/8"	7/16"-24	69NAB42VS	6.66	50
1/4"	1/4"	7/16"-24	69NAB44VS	8.10	50
1/4"	3/8"	7/16"-24	69NAB46VS	10.14	10
3/8"	1/8"	17/32"-24	69NAB62VS	9.77	10
3/8"	1/4"	17/32"-24	69NAB64VS	9.56	25
3/8"	3/8"	17/32"-24	69NAB66VS	9.94	25
3/8"	1/2"	17/32"-24	69NAB68VS	17.65	10
1/2"	1/4"	11/16"-20	69NAB84VS	14.71	10
1/2"	3/8"	11/16"-20	69NAB86VS	14.17	10
1/2"	1/2"	11/16"-20	69NAB88VS	17.80	10
5/8"	3/8"	13/16"-18	69NAB106VS	20.45	10
5/8"	1/2"	13/16"-18	69NAB108VS	22.14	5
3/4"	1/2"	1"-18	69NAB128VS	37.30	5
3/4"	3/4"	1"-18	69NAB1212VS	39.87	5

Union Elbows



Feature:

- ref. SAE 100201 BA

Tube Size	Straight Thread	Part #	Price/E	Pkg Qty
1/4"	7/16"-24	65NAB4	\$12.60	10
3/8"	17/32"-24	65NAB6	14.53	10
1/2"	11/16"-20	65NAB8	24.55	10
5/8"	13/16"-18	65NAB10	46.80	10

Bulkhead Union



Tube Size	Pipe Thread	Part #	Price/E	Pkg Qty
1/2"	3/8"	66NBH86	\$40.91	10

Female Elbows



Feature:

- ref. SAE 100203 BA

Tube Size	Pipe Thread	Straight Thread	Part #	Price/E	Pkg Qty
3/16"	1/8"	5/16"-24	70NAB32	\$62.65	25
1/4"	1/8"	7/16"-24	70NAB42	10.15	25
1/4"	1/4"	7/16"-24	70NAB44	14.13	25
3/8"	1/8"	17/32"-24	70NAB62	15.88	10
3/8"	1/4"	17/32"-24	70NAB64	10.05	10
3/8"	3/8"	17/32"-24	70NAB66	18.82	10
1/2"	3/8"	11/16"-20	70NAB86	25.55	10
1/2"	1/2"	11/16"-20	70NAB88	31.25	10
5/8"	1/2"	13/16"-18	70NAB108	58.11	10

45° Elbows



Features:

- ref. SAE 100302 BA
- thread sealant may be white or burnt orange

Tube Size	Pipe Thread	Straight Thread	Part #	Price/E	Pkg Qty
1/4"	1/8"	7/16"-24	79NAB42VS	\$9.65	10
1/4"	1/4"	7/16"-24	79NAB44VS	10.80	10
3/8"	1/8"	17/32"-24	79NAB62VS	11.02	10
3/8"	1/4"	17/32"-24	79NAB64VS	10.20	10
3/8"	3/8"	17/32"-24	79NAB66VS	12.51	10
3/8"	1/2"	17/32"-24	79NAB68VS	17.66	10
1/2"	1/4"	11/16"-20	79NAB84VS	15.60	10
1/2"	3/8"	11/16"-20	79NAB86VS	16.00	10
1/2"	1/2"	11/16"-20	79NAB88VS	21.82	10
5/8"	3/8"	13/16"-18	79NAB106VS	28.95	5
5/8"	1/2"	13/16"-18	79NAB108VS	25.97	5
3/4"	1/2"	1"-18	79NAB128VS	37.79	2

Air Brake Fittings

Male Branch Tees



Features:

- ref. SAE 100425 BA
- thread sealant may be white or burnt orange

Tube Size	Pipe Thread	Straight Thread	Part #	Price/E	Pkg Qty
3/16"	1/8"	7/16"-24	72NAB32VS	\$117.00	10
1/4"	1/8"	7/16"-24	72NAB42VS	15.79	10
1/4"	1/4"	7/16"-24	72NAB44VS	15.79	10
3/8"	1/8"	17/32"-24	72NAB62VS	18.90	10
3/8"	1/4"	17/32"-24	72NAB64VS	17.46	10
3/8"	3/8"	17/32"-24	72NAB66VS	18.95	10
1/2"	1/4"	11/16"-20	72NAB84VS	25.34	10
1/2"	3/8"	11/16"-20	72NAB86VS	25.76	10
1/2"	1/2"	11/16"-20	72NAB88VS	32.20	10
5/8"	1/2"	13/16"-18	72NAB108VS	49.45	10

Union Tees



Feature:

- ref. SAE 100401 BA

Tube Size	Straight Thread	Part #	Price/E	Pkg Qty
1/4"	7/16"-24	64NAB4	\$16.02	25
3/8"	17/32"-24	64NAB6	17.76	25
1/2"	11/16"-20	64NAB8	31.35	10
5/8"	13/16"-18	64NAB10	49.25	10

Male Run Tees



Features:

- ref. SAE 100424 BA
- thread sealant may be white or burnt orange

Tube Size	Pipe Thread	Straight Thread	Part #	Price/E	Pkg Qty
1/4"	1/8"	7/16"-24	71NAB42VS	\$14.55	25
1/4"	1/4"	7/16"-24	71NAB44VS	19.13	10
3/8"	1/4"	17/32"-24	71NAB64VS	17.04	10
3/8"	3/8"	17/32"-24	71NAB66VS	21.60	10
1/2"	3/8"	11/16"-20	71NAB86VS	27.95	10
1/2"	1/2"	11/16"-20	71NAB88VS	35.96	10
5/8"	1/2"	13/16"-18	71NAB108VS	48.35	10

Sleeves



Feature:

- ref. SAE 100115

Tube Size	Part #	Price/E	Pkg Qty
3/16"	60NAB3	\$1.13	100
1/4"	60NAB4	0.60	100
3/8"	60NAB6	0.80	100
1/2"	60NAB8	0.92	100
5/8"	60NAB10	1.92	100
3/4"	60NAB12	2.50	50

Inserts



Feature:

- for SAE J844 tubing

Tube Size	302/304 Stainless Steel Part #	Price/E	Pkg Qty
1/4"	63NAB4	\$0.94	200
3/8"	63NAB6	1.00	200
1/2"	63NAB8	1.11	100
5/8"	63NAB10	2.55	100
3/4"	63NAB12	4.16	100

Nuts



Feature:

- ref. SAE 100110

Tube Size	Male NPT	Part #	Price/E	Pkg Qty
3/16"	5/16"-24	61NAB3	\$3.60	100
1/4"	7/16"-24	61NAB4	1.29	100
3/8"	17/32"-24	61NAB6	1.80	100
1/2"	11/16"-20	61NAB8	3.40	50
5/8"	13/16"-18	61NAB10	5.56	25
3/4"	1"-18	61NAB12	8.10	25

Air Brake Fittings - Rubber Hose

Application:

- for use with SAEJ1402 air brake hose in making hose assemblies

Features:

- will meet D.O.T. FMVSS 571-106 standards when used with SAE J1402 Air Brake Hose
- working pressure: up to **225 PSI**
- temperature: **-50°F to 212°F**

Assembly Guide:

1. Slide nut onto hose
2. Slide sleeve onto hose with tapered edge toward fitting body
3. Firmly bottom the hose into fittings
4. Screw nut onto body until it contacts the fittings body's hex

Springs

Hose Size	Length	Brass Alloy 360 Part #	Price/E
3/8"	2.70"	56RBSG-06	\$2.41
1/2"	2.70"	56RBSG-08	2.50



F

Spring Guard Nuts

Hose Size	Straight Thread	Brass Alloy 360 Part #	Price/E
3/8"	31/32"-20	61RBSG-06	\$5.90
1/2"	1-3/32-20	61RBSG-08	10.45



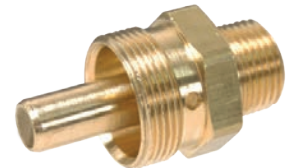
Hose Nuts and Attached Springs

Hose Size	Length	Brass Alloy 360 Part #	Price/E
3/8"	3.55"	67RBSG-06	\$7.21
1/2"	3.50"	67RBSG-08	13.91



Male Connectors - Body Only

Tube OD	Pipe Thread	Straight Thread	Hex	Brass Alloy 360 Part #	Price/E
3/8"	1/4"	31/32"-20	31/32"	68RB-0604B	\$7.05
3/8"	3/8"	31/32"-20	31/32"	68RB-0606B	7.32
3/8"	1/2"	31/32"-20	31/32"	68RB-0608B	9.40
1/2"	3/8"	1-3/32"-20	1-1/8"	68RB-0806B	14.00
1/2"	1/2"	1-3/32"-20	1-1/8"	68RB-0808B	16.85



Male Connectors with Spring Guard

Hose Size	Pipe Thread	Hex	Brass Alloy 360 Part #	Price/E
3/8"	1/4"	1-1/16"	68RBSG-0604	\$16.06
3/8"	3/8"	1-1/16"	68RBSG-0606	16.70
3/8"	1/2"	1-1/16"	68RBSG-0608	17.95
1/2"	3/8"	1-1/4"	68RBSG-0806	29.15
1/2"	1/2"	1-1/4"	68RBSG-0808	30.55



Sleeves

Hose Size	Length	Brass Alloy 360 Part #	Price/E
3/8"	.64"	60RB-06	\$3.15
1/2"	.64"	60RB-08	3.72



Nuts

Hose Size	Thread	Hex	Brass Alloy 360 Part #	Price/E
3/8"	31/32"-20"	1-1/32"	61RB-06	\$6.08
3/8"	1-3/32-20"	1-1/4"	61RB-08	9.82



D.O.T. Air Brake Tubing Rolls

Features:

- meets Department of Transportation FMVSS-106 nylon material conforming to SAE J844
- length: 100' roll
- working pressure: **150 PSI**
- temperature range: **-40°F to 200°F**
- tubing cutters sold on page 370



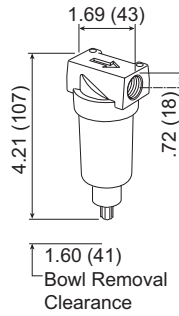
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Tube Size	Tubing Color	Part #	Price/E
3/16"	black	J844-03-BL-100	\$78.00
1/4"	black	J844-04-BL-100	99.00
1/4"	blue	J844-04-B-100	99.00
1/4"	red	J844-04-R-100	99.00
3/8"	black	J844-06-BL-100	258.40
3/8"	blue	J844-06-B-100	258.40
3/8"	red	J844-06-R-100	258.40
1/2"	black	J844-08-BL-100	352.00
5/8"	black	J844-10-BL-100	596.40
3/4"	black	J844-12-BL-100	885.00

Wilkerson Miniature Filters

Features:

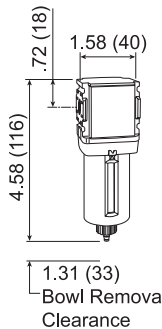
- excellent water removal efficiency
- 5 micron element
- .5 oz. bowl
- maximum operating conditions:
 - transparent bowl: **150 PSIG** (10 bar) and **32°F to 125°F** (0°C to 52°C)
 - metal bowl: **250 PSIG** (17 bar) and **32°F to 175°F** (0°C to 80°C)



Size	Flow (SCFM)	With Transparent Bowl				With Metal Bowl			
		Automatic Drain		Manual Drain		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/8"	22	F03-01A	\$59.70	F03-01M	\$50.15	F03-01AMB	\$67.65	F03-01MMB	\$57.85
1/4"	24	F03-02A	59.70	F03-02M	50.15	F03-02AMB	67.65	F03-02MMB	57.85

Features:

- 5 micron element
- .4 oz. bowl
- maximum operating conditions:
 - transparent bowl: **150 PSIG** (10 bar) and **32°F to 125°F** (0°C to 52°C)
 - metal bowl: **250 PSIG** (17 bar) and **32°F to 150°F** (0°C to 65.5°C)



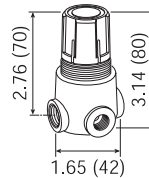
Size	Flow (SCFM)	With Transparent Bowl and Guard				With Metal Bowl			
		Automatic Drain		Manual Drain		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/4"	50	F08-02A	\$62.35	F08-02M	\$52.50	F08-02AMB	\$66.30	F08-02MMB	\$58.80

See pages 233-236 for filter accessories.

Wilkerson Miniature Regulators

Features:

- 2-125 PSI adjusting range
- balanced valve design
- self-relieving standard
- non-rising push/pull locking adjustment knob
- two 1/8" NPT gauge ports standard on models without gauge, one 1/8" NPT gauge port standard on models with gauge - can be used for additional outlet ports.
- models supplied without gauge use a GC620 gauge.
- panel mount nuts sold separately
- maximum operating conditions:
 - 300 PSIG** (20.17 bar) and **32°F to 125°F** (0°C to 52°C)



Size	Flow (SCFM)	With Gauge		Without Gauge	
		Part #	Price/E	Part #	Price/E
1/8"	13	R03-01RG	\$55.15	R03-01R	\$38.45
1/4"	15	R03-02RG	55.15	R03-02R	38.45

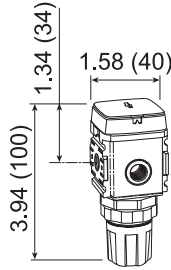
See pages 233-236 for regulator accessories.



FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings at 150 PSIG inlet pressure.

Wilkerson Miniature Regulators



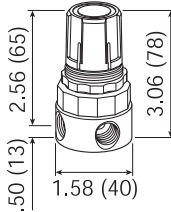
Features:

- 0-125 PSI adjusting range
- balanced valve design
- self-relieving standard
- non-rising push/pull locking adjustment knob
- two 1/8" NPT gauge ports standard on models without gauge, one 1/8" NPT gauge port standard on models with gauge - can be used for additional outlet ports.
- models with gauge are supplied with a 0-160 flush mount style gauge
- models supplied without gauge use a GC620 gauge.
- panel mount nuts sold separately
- maximum operating conditions:
300 PSIG (20.7 bar) and 32°F to 150°F (0°C to 65.5°C)

F

Size	Flow (SCFM)	With Gauge		Without Gauge	
		Part #	Price/E	Part #	Price/E
1/4"	44	R08-02RG	\$65.00	R08-02R	\$46.30

Wilkerson Miniature Water Regulators



Features:

- 2-125 PSI adjusting range
- suitable for water and compressed air service
- brass construction - wetted parts
- non-relieving spring-loaded diaphragm
- panel mount nut included
- two 1/8" NPT gauge ports standard
- models supplied without gauge use a GC620 gauge
- maximum operating conditions:
300 PSIG (20.7 bar) and 40°F to 125°F (4.4°C to 52°C)

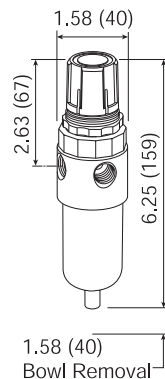
Size	Flow (SCFM)	With Gauge		Without Gauge	
		Part #	Price/E	Part #	Price/E
1/8"	11	RB3-01RG	\$69.75	RB3-01R	\$53.05
1/4"	14	RB3-02RG	69.75	RB3-02R	53.05

See pages 236-238 for regulator accessories.

Wilkerson Miniature Filter / Regulators



transparent bowl



Features:

- 2-125 PSI adjusting range
- 5 micron element
- .5 oz. bowl
- self-relieving
- supplied with a GC620 gauge
- maximum operating conditions:
- transparent bowl: **125 PSIG (8.6 bar) and 40°F to 125°F (4.4°C to 52°C)**
- metal bowl: **300 PSIG (20.7 bar) and 40°F to 125°F (4.4°C to 52°C)**

Size	Flow (SCFM)	With Transparent Bowl				With Metal Bowl			
		Automatic Drain		Manual Drain		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/8"	13	BB3-01AG	\$130.75	BB3-01MG	\$120.80	BB3-01AGMB	\$138.90	BB3-01MGMB	\$128.90
1/4"	16	BB3-02AG	130.75	BB3-02MG	120.80	BB3-02AGMB	138.90	BB3-02MGMB	128.90



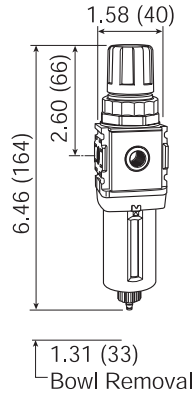
FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings at 150 PSIG inlet pressure.

Wilkerson Miniature Filter / Regulators

Features:

- 0-125 PSI adjusting range
- 5 micron element
- .4 oz. bowl
- self-relieving
- supplied with a 0-160 PSI flush mount style gauge
- maximum operating conditions:
 - transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 125°F** (0°C to 52°C)
 - metal bowl: **250 PSIG** (17.2 bar) and **32°F to 150°F** (0°C to 65.5°C)



metal bowl




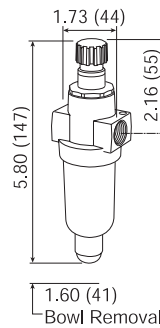
Size	Flow (SCFM)	With Transparent Bowl and Guard				With Metal Bowl			
		Automatic Drain		Manual Drain		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/4"	42.1	B08-02AG	\$114.30	B08-02MG	\$104.75	B08-02AGMB	\$135.80	B08-02MGMB	\$126.25

See pages 241-242 for filter/regulator accessories.

Wilkerson Miniature Lubricators

Features:

- 1 oz. bowl
- adjustable oil feed
- full view sight dome
- *Do not fill under pressure. Air supply must be turned off and pressure bled from unit prior to adding oil.* 
- maximum operating conditions:
 - transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 125°F** (0°C to 52°C)
 - metal bowl: **250 PSIG** (17.2 bar) and **32°F to 175°F** (0°C to 80°C)

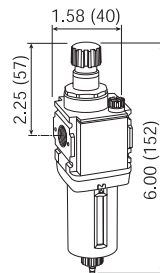


transparent bowl

Size	Flow (SCFM)	With Transparent Bowl		With Metal Bowl	
		Part #	Price/E	Part #	Price/E
1/8"	20	L03-01A	\$76.65	L03-01AMB	\$84.60
1/4"	20	L03-02A	76.65	L03-02AMB	84.60

Features:


- .6 oz. bowl
- adjustable oil feed
- full view sight dome
- fill under pressure design
- maximum operating conditions:
 - transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 125°F** (0°C to 52°C)
 - metal bowl: **250 PSIG** (17.2 bar) and **32°F to 150°F** (0°C to 65.5°C)



metal bowl

Size	Flow (SCFM)	With Transparent Bowl		With Metal Bowl	
		Part #	Price/E	Part #	Price/E
1/4"	57.5	L08-02A	\$74.25	L08-02AMB	\$79.90

See pages 239-241 for lubricator accessories. See page 156 for air tool lubricant.

 FRL's are designed for air service only, unless otherwise indicated.

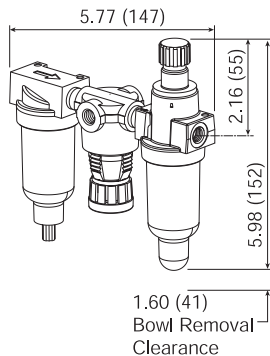
SCFM ratings at 150 PSIG inlet pressure.

Wilkerson Miniature Combination Units (Filter, Regulator, Lubricator)

F



transparent bowl



Features:

- maximum operating conditions:
 - transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 125°F** (0°C to 52°C)
 - metal bowl: **250 PSIG** (17.2 bar) and **32°F to 175°F** (0°C to 80°C)
- Included components: (2) adapters

Filter series F03:

- 5 micron element
- .5 oz. bowl

Regulator series R03:

- 2-125 PSI adjusting range
- balanced valve design
- self-relieving
- supplied with a GC620 gauge
- can be mounted with knob in up or down position

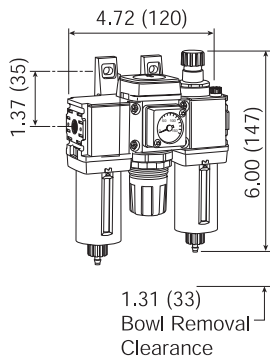
Lubricator series L03:

- 1 oz. bowl
- adjustable oil feed
- full view sight dome

Size	Flow (SCFM)	With Transparent Bowl				With Metal Bowl			
		Automatic Drain		Manual Drain		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/8"	20	C03-01A	\$236.70	C03-01M	\$227.15	C03-01AMB	\$252.60	C03-01MMB	\$242.80
1/4"	20	C03-02A	237.25	C03-02M	227.70	C03-02AMB	253.15	C03-02MMB	243.35



metal bowl



Features:

- maximum operating conditions:
 - transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 125°F** (0°C to 52°C)
 - metal bowl: **250 PSIG** (17.2 bar) and **32°F to 150°F** (0°C to 65.5°C)
- Included components: (2) mounting brackets with joiner set

Filter series F08:

- 5 micron element
- .4 oz. bowl

Regulator series R08:

- 0-125 PSI adjusting range
- balanced valve design
- self-relieving
- supplied with a 0-160 PSI flush mount style gauge

Lubricator series L08:

- .6 oz. bowl
- adjustable oil feed
- full view sight dome

Size	Flow (SCFM)	With Transparent Bowl and Guard				With Metal Bowl			
		Automatic Drain		Manual Drain		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/4"	44	C08-02A	\$269.60	C08-02M	\$259.75	C08-02AMB	\$279.20	C08-02MMB	\$271.70



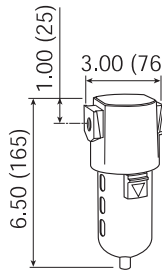
FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings at 150 PSIG inlet pressure.

Wilkerson Airline Compact Filters

Features:

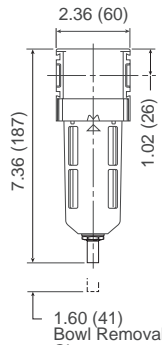
- 5 micron element
- 5 oz. bowl
- maximum operating conditions:
 - transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 125°F** (0°C to 52°C)
 - metal bowl: **200 PSIG** (13.8 bar) and **32°F to 150°F** (0°C to 65.5°C)



Size	Flow (SCFM)	With Transparent Bowl and Guard				With Metal Bowl			
		Automatic Drain		Manual Drain		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
¼"	63.0	F16-02A	\$188.00	F16-02M	\$129.70	F16-02AMB	\$205.50	F16-02MMB	\$147.20
⅜"	74.1	F16-03A	188.00	F16-03M	129.70	F16-03AMB	205.50	F16-03MMB	147.20
½"	80.4	F16-04A	188.00	F16-04M	129.70	F16-04AMB	205.50	F16-04MMB	147.20

Features:

- high flow capacity
- 5 micron element
- 4 oz. bowl
- maximum operating conditions:
 - transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 125°F** (0°C to 52°C)
 - metal bowl: **250 PSIG** (17.2 bar) and **32°F to 150°F** (0°C to 65.5°C)

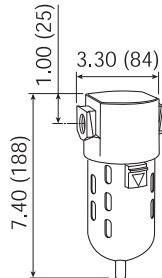


Size	Flow (SCFM)	With Transparent Bowl and Guard				With Metal Bowl with Sight Glass			
		Automatic Drain		Manual Drain		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
¼"	110	F18-02A	\$154.10	F18-02M	\$95.75	F18-02AMB	\$160.20	F18-02MMB	\$107.60
⅜"	120	F18-03A	154.10	F18-03M	95.75	F18-03AMB	160.20	F18-03MMB	107.60
½"	145	F18-04A	154.10	F18-04M	95.75	F18-04AMB	160.20	F18-04MMB	107.60

Wilkerson Airline Standard Filters

Features:

- 5 micron element
- 10 oz. bowl
- maximum operating conditions:
 - transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 125°F** (0°C to 52°C)
 - metal bowl: **200 PSIG** (13.8 bar) and **32°F to 150°F** (0°C to 65.5°C)



Size	Flow (SCFM)	With Transparent Bowl and Guard				With Metal Bowl with Sight Glass			
		Automatic Drain		Manual Drain		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
¼"	81.3	F26-02A	\$233.60	F26-02M	\$175.30	F26-02AMB	\$253.00	F26-02MMB	\$194.40
⅜"	117.8	F26-03A	233.60	F26-03M	175.30	F26-03AMB	253.00	F26-03MMB	194.40
½"	149.8	F26-04A	233.60	F26-04M	175.30	F26-04AMB	253.00	F26-04MMB	194.40

See pages 233-236 for filter accessories.

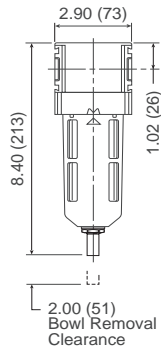
! FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings at 150 PSIG inlet pressure.

Wilkerson Airline Standard Filters



with metal bowl

**Features:**

- high flow capacity
- 5 micron element
- 6 oz. bowl
- maximum operating conditions:
 - transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 125°F** (0°C to 52°C)
 - metal bowl: **250 PSIG** (17.2 bar) and **32°F to 150°F** (0°C to 65.5°C)

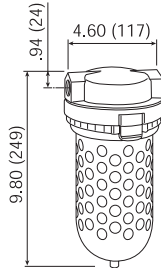
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Size	Flow (SCFM)	With Transparent Bowl and Guard				With Metal Bowl with Sight Glass			
		Automatic Drain		Manual Drain		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
3/8"	144	F28-03A	\$190.40	F28-03M	\$131.80	F28-03AMB	\$196.25	F28-03MMB	\$143.60
1/2"	160	F28-04A	190.40	F28-04M	131.80	F28-04AMB	196.25	F28-04MMB	143.60
3/4"	165	F28-06A	190.40	F28-06M	131.80	F28-06AMB	196.25	F28-06MMB	143.60

Wilkerson Airline Jumbo Filters



with guard

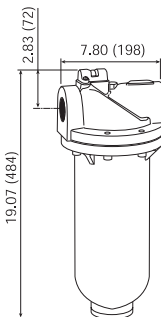
**Features:**

- 5 micron element
- 1 qt. bowl
- maximum operating conditions:
 - transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 125°F** (0°C to 52°C)
 - metal bowl: **200 PSIG** (13.8 bar) and **32°F to 150°F** (0°C to 65.5°C)

Size	Flow (SCFM)	With Transparent Bowl and Guard				With Metal Bowl with Sight Glass			
		Automatic Drain		Manual Drain		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
3/4"	316	F30-06A	\$354.55	F30-06M	\$296.20	F30-06AMB	\$412.35	F30-06MMB	\$353.75
1"	323	F30-08A	354.55	F30-08M	296.20	F30-08AMB	412.35	F30-08MMB	353.75



with metal bowl

**Features:**

- 5 micron element
- 1 qt. bowl
- maximum operating conditions:
 - metal bowl: **150 PSIG** (10.3 bar) and **32°F to 150°F** (0°C to 65.5°C)

Size	Flow (SCFM)	With Heavy Duty Metal Bowl			
		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1 1/2"	1280	F35-0BAMB	\$1393.95	F35-0BMMB	\$1335.60
2"	1400	F35-0CAMB	1393.95	F35-0CMMB	1335.60

See pages 233-236 for filter accessories.



FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings at 150 PSIG inlet pressure.

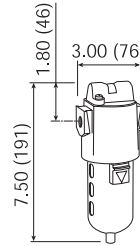
Wilkerson Modular Coalescing Filters



- removes extremely fine oil mists, oil aerosols and microscopic particles
- A standard airline filter should be installed as a pre-filter when using a coalescing filter.
- 0.5 micron type B and 0.003 micron type D elements are optional
- differential pressure indicator changes from green to red with pressure loss

Features:

- 0.01 micron type C element
- 5 oz. bowl
- can be installed in modular system
- maximum operating conditions:
150 PSIG (10.3 bar) and 32°F to 125°F (0°C to 52°C)

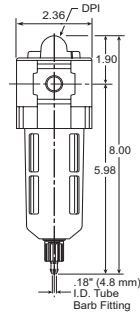


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Size	Flow (SCFM)	With Compact Transparent Bowl and Guard			
		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
¼"	37.0	M16-02A	\$296.45	M16-02M	\$237.85
⅜"	44.7	M16-03A	296.45	M16-03M	237.85
½"	46.1	M16-04A	296.45	M16-04M	237.85

Features:

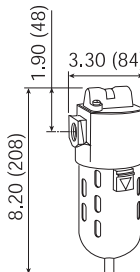
- high-efficiency removal of water, oil aerosols, and solid particulate contaminants down to 0.01 mg/m³ with minimum pressure drop
- modern design and appearance
- light weight
- high flow capacity
- 4 oz. bowl
- maximum operating conditions:
150 PSIG (10.3 bar) and 32°F to 125°F (0°C to 52°C)



Size	Flow (SCFM)	With Compact Transparent Bowl and Guard			
		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
¼"	40.0	M18-02A	\$245.55	M18-02M	\$187.20
⅜"	44.0	M18-03A	245.55	M18-03M	187.20
½"	48.0	M18-04A	245.55	M18-04M	187.20

Features:

- 0.01 micron type C element
- 10 oz. bowl
- can be installed in modular system
- maximum operating conditions:
150 PSIG (10.3 bar) and 32°F to 125°F (0°C to 52°C)



Size	Flow (SCFM)	With Standard Transparent Bowl and Guard			
		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
¼"	55.0	M26-02A	\$362.75	M26-02M	\$304.40
⅜"	65.5	M26-03A	362.75	M26-03M	304.40
½"	79.5	M26-04A	362.75	M26-04M	304.40

See pages 233-236 for filter accessories.

FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings at 150 PSIG inlet pressure.

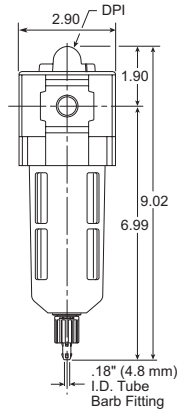
Wilkerson Modular Coalescing Filters



- removes extremely fine oil mists, oil aerosols and microscopic particles
- A standard airline filter should be installed as a pre-filter when using a coalescing filter.
- 0.5 micron type B and 0.003 micron type D elements are optional
- differential pressure indicator changes from green to red with pressure loss



with guard



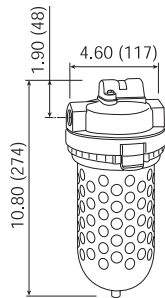
Features:

- high-efficiency removal of water, oil aerosols, and solid particulate contaminants down to 0.01 mg/m³ with minimum pressure drop
- modern design and appearance
- light weight
- high flow capacity
- 6 oz. bowl
- maximum operating conditions:
150 PSIG (10.3 bar) and 32°F to 125°F (0°C to 52°C)

Size	Flow (SCFM)	With Standard Transparent Bowl and Guard			
		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
3/8"	82.0	M28-03A	\$287.70	M28-03M	\$229.40
1/2"	90.0	M28-04A	287.70	M28-04M	229.40
3/4"	98.0	M28-06A	287.70	M28-06M	229.40



with guard



Features:

- 0.01 micron type C element
- 1 qt. bowl
- maximum operating conditions:
150 PSIG (10.3 bar) and 32°F to 125°F (0°C to 52°C)

Size	Flow (SCFM)	With Jumbo Transparent Bowl and Guard	
		Automatic Drain	
		Part #	Price/E
1/2"	123	M30-04A	\$619.15
3/4"	173	M30-06A	619.15
1"	203	M30-08A	619.15

See pages 233-236 for filter accessories.



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SCFM ratings at 150 PSIG inlet pressure.

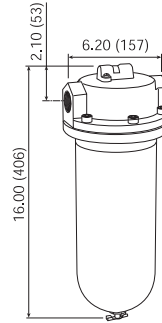
Wilkerson Heavy Duty Modular Coalescing Filters



- for removal of extremely fine oil mists, oil aerosols and microscopic particles
- A standard airline filter should be installed as a pre-filter when using a coalescing filter.
- 1.0 micron type B1 and 0.003 micron type D elements are optional
- differential pressure indicator changes from green to red with pressure loss

Features:

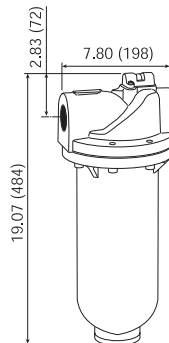
- 0.01 micron type C element
- 1 qt. bowl
- differential pressure indicator eliminates the guesswork of element placement
- maximum operating conditions:
150 PSIG (10.3 bar) and **32°F to 150°F** (0°C to 65.5°C)



Size	Flow (SCFM)	With Metal Bowl	
		Automatic Drain	Price/E
1¼"	741	Part # M32-0AAMB	\$1775.75

Features:

- 0.01 micron type C element
- 1 qt. bowl
- differential pressure indicator eliminates the guesswork of element placement
- maximum operating conditions:
150 PSIG (10.3 bar) and **32°F to 150°F** (0°C to 65.5°C)



Size	Flow (SCFM)	With Metal Bowl	
		Automatic Drain	Price/E
1½"	710	Part # M35-0BAMB	\$1891.60
2"	710	Part # M35-0CAMB	1891.60

See pages 233-236 for filter accessories.



FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings at 150 PSIG inlet pressure.

Wilkerson Manual In-Line Desiccant Dryers

Applications:

- Manual air dryers are used to remove water vapor from compressed air systems, in applications such as paint spraying, laboratory instruments and small control air systems. Filtration for absorber type dryers is important to protect the desiccant bed from contamination. Cleaner incoming air will result in better performance, longer life and fewer service problems. To regenerate silica gel desiccant, it must be heated to at least 350°F for approximately 3 hours or until color has changed from pink to blue. Allow desiccant to cool to room temperature before pouring back into unit bowl.

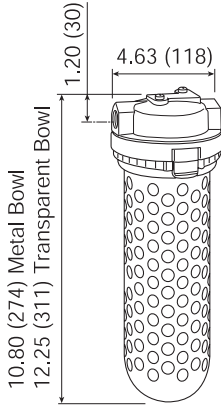


An after-filter should be placed downstream from the desiccant dryer to ensure solid contaminants such as desiccant dust do not migrate downstream.

F



with metal bowl



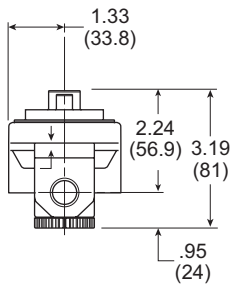
Features:

- 1.64 lb. bowl
- will dry up to 4400 standard cubic feet of air
- desiccant; good for approximately 440 minutes at maximum continuous air flow before regeneration is required
- silica gel changes from blue to pink to indicate the need to replace or regenerate the desiccant
- slotted bowl guard for visual detection of color change
- no electrical connection necessary
- provides atmospheric dew point of -45°F with dry desiccant at **100 PSIG** and **70°F**
- maximum operating conditions:
 - transparent bowl: **150 PSIG** (10 bar) and **125°F** (52°C)
 - metal bowl: **150 PSIG** (10 bar) and **150°F** (66°C)

Size	Flow (SCFM)	With Transparent Bowl		With Metal Bowl	
		Part #	Price/E	Part #	Price/E
1/4"	10	X03-02	\$359.05	X03-02MB	\$464.30

Wilkerson Dial Air Regulators

Dial-air regulators feature a transparent, pressure-calibrated, non-rising adjustment dial for quick adjustment of secondary pressure. The full reduced pressure range can be dialed in less than 270° of dial rotation. This feature is particularly advantageous if secondary pressure must be changed frequently. Dial air regulators can be mounted in any position so dial face is always visible. All dial-air units have a slight constant air bleed.



Features:

- 0-160 PSI adjusting range
- balanced valve design
- relieving type
- non-rising pressure adjusting dial
- piston operated
- two 1/4" NPT gauge ports standard on models without gauge, one 1/4" NPT gauge port standard on models with gauge - can be used for additional outlet ports.
- models supplied without gauge use a GC230 gauge
- maximum operating pressure: **300 PSIG** (20.7 bar)
- temperature range: **32°F** to **150°F** (0°C to 65.5°C)

Size	Flow (SCFM)	With Gauge		Without Gauge	
		Part #	Price/E	Part #	Price/E
1/4"	117	R21-02RG	\$226.75	R21-02R	\$206.05
3/8"	180	R21-03RG	226.75	R21-03R	206.05
1/2"	195	R21-04RG	226.75	R21-04R	206.05
3/4"	220	R21-06RG	226.75	R21-06R	206.05

See pages 236-238 for regulator accessories.



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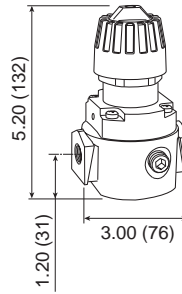
SCFM ratings at 100 PSIG inlet pressure.

Wilkerson Compact Regulators

Features:

- 0-125 PSI adjusting range
- for 0-60 PSI adjusting range, add an L to the end of the part number
- self-relieving standard
- can be installed with the adjusting knob in any position
- To increase regulated pressure, pull adjusting knob up and turn clockwise. To reduce pressure, turn knob counter clockwise.
- two ¼" NPT gauge ports standard on models without gauge, one ¼" NPT gauge port standard on models with gauge - can be used for additional outlet ports
- models supplied without gauge use a GC230 gauge
- maximum operating conditions:

300 PSIG (20.7 bar) and **32°F to 150°F** (0°C to 65.5°C)



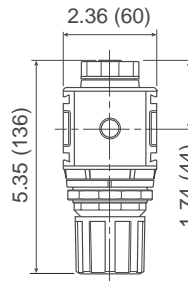
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Size	Flow (SCFM)	With Gauge		Without Gauge	
		Part #	Price/E	Part #	Price/E
¼"	71.5	R16-02RG	\$123.35	R16-02R	\$102.65
⅜"	80.5	R16-03RG	123.35	R16-03R	102.65
½"	88.0	R16-04RG	123.35	R16-04R	102.65

Features:

- 0-125 PSI adjusting range
- self-relieving standard
- can be installed with the adjusting knob in any position
- To increase regulated pressure, pull adjusting knob up and turn clockwise. To reduce pressure, turn knob counter clockwise.
- Two ¼" NPT gauge ports located on the front and rear faces of the body; ports may be used as additional regulated ports or for pressure gauges.
- models supplied without gauge use a GC230 gauge
- maximum operating conditions:

300 PSIG (20.7 bar) and **32°F to 150°F** (0°C to 65.5°C)



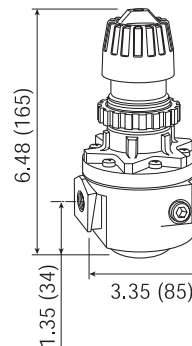
Size	Flow (SCFM)	With Gauge		Without Gauge	
		Part #	Price/E	Part #	Price/E
¼"	82	R18-02RG	\$94.95	R18-02R	\$74.25
⅜"	97	R18-03RG	94.95	R18-03R	74.25
½"	97	R18-04RG	94.95	R18-04R	74.25

Wilkerson Standard Regulators

Features:

- 0-125 PSI adjusting range
- non-rising push/pull locking adjustment knob
- panel mount nut standard
- excellent flow characteristics
- can be installed with the adjusting knob in any position
- To increase regulated pressure, pull adjusting knob up and turn clockwise. To reduce pressure, turn knob counter clockwise.
- two ¼" NPT gauge ports standard on models without gauge, one ¼" NPT gauge port standard on models with gauge - can be used for additional outlet ports
- models supplied without gauge use a GC230 gauge
- maximum operating conditions:

300 PSIG (20.7 bar) and **32°F to 150°F** (0°C to 65.5°C)



Size	Flow (SCFM)	With Gauge		Without Gauge	
		Part #	Price/E	Part #	Price/E
¼"	112	R26-02RG	\$177.15	R26-02R	\$156.45
⅜"	148	R26-03RG	177.15	R26-03R	156.45
½"	185	R26-04RG	177.15	R26-04R	156.45

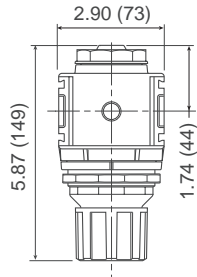
See pages 236-238 for regulator accessories.



FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings at 100 PSIG inlet pressure.

Wilkerson Standard Regulators



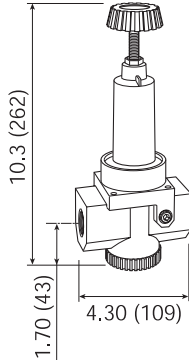
Features:

- 0-125 PSI adjusting range
- self-relieving standard
- four adjusting pressure ranges available
- To increase regulated pressure, pull adjusting knob up and turn clockwise. To reduce pressure, turn knob counter clockwise.
- Two ¼" NPT gauge ports located on the front and rear faces of the body; ports may be used as additional regulated ports or for pressure gauges.
- models supplied without gauge use a GC230 gauge
- maximum operating conditions:
300 PSIG (20.7 bar) and 32°F to 150°F (0°C to 65.5°C)

F

Size	Flow (SCFM)	With Gauge		Without Gauge	
		Part #	Price/E	Part #	Price/E
⅜"	162	R28-03RG	\$136.05	R28-03R	\$115.35
½"	170	R28-04RG	136.05	R28-04R	115.35
¾"	176	R28-06RG	136.05	R28-06R	115.35

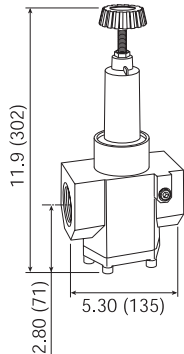
Wilkerson High Flow Regulators



Features:

- 0-125 PSI adjusting range
- self-relieving standard
- piston operated
- can be installed with the adjusting knob in any position
- To increase regulated pressure, pull adjusting knob up and turn clockwise. To reduce pressure, turn knob counter clockwise.
- two ¼" NPT gauge ports standard on models without gauge, one ¼" NPT gauge port standard on models with gauge - can be used for additional outlet ports
- models supplied without gauge use a GC230 gauge
- maximum operating conditions:
300 PSIG (20.7 bar) and 32°F to 150°F (0°C to 65.5°C)

Size	Flow (SCFM)	With Gauge		Without Gauge	
		Part #	Price/E	Part #	Price/E
¾"	480	R30-06RG	\$282.15	R30-06R	\$261.45
1"	500	R30-08RG	282.15	R30-08R	261.45
1¼"	800	R30-0ARG	282.15	R30-0AR	261.45



Features:

- 0-125 PSI adjusting range
- self-relieving standard
- piston operated
- can be installed with the adjusting knob in any position
- To increase regulated pressure, pull adjusting knob up and turn clockwise. To reduce pressure, turn knob counter clockwise.
- two ¼" NPT gauge ports standard on models without gauge, one ¼" NPT gauge port standard on models with gauge - can be used for additional outlet ports
- models supplied without gauge use a GC230 gauge
- maximum operating conditions:
300 PSIG (20.7 bar) and 32°F to 150°F (0°C to 65.5°C)

Size	Flow (SCFM)	With Gauge		Without Gauge	
		Part #	Price/E	Part #	Price/E
1½"	1200	R40-0BRG	\$517.35	R40-0BR	\$496.65
2"	1200	R40-0CRG	517.35	R40-0CR	496.65

See pages 236-238 for regulator accessories.



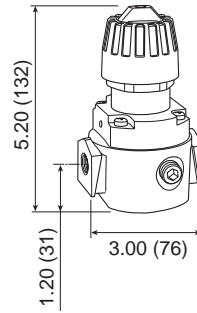
FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings at 100 PSIG inlet pressure.

Wilkerson High Pressure Compact Regulators

Features:

- 0-250 PSI adjusting range
- self-relieving standard
- non-rising push/pull locking adjustment knob
- panel mount nut standard
- excellent flow characteristics
- can be installed with the adjusting knob in any position
- two ¼" NPT gauge ports standard on models without gauge, one ¼" NPT gauge port standard on models with gauge - can be used for additional outlet ports
- models supplied without gauge use a GC240 gauge
- maximum operating conditions:
300 PSIG (20.7 bar) and 150°F (0°C to 65.5°C)



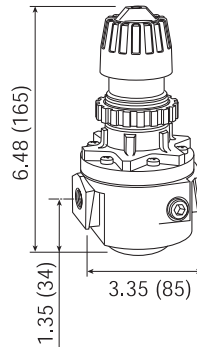
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Size	Flow (SCFM)	With Gauge		Without Gauge	
		Part #	Price/E	Part #	Price/E
¼"	71.5	R16-02RHG	\$123.35	R16-02RH	\$102.65
⅜"	80.5	R16-03RHG	123.35	R16-03RH	102.65
½"	88.0	R16-04RHG	123.35	R16-04RH	102.65

Wilkerson High Pressure Standard Regulators

Features:

- 0-250 PSI adjusting range
- self-relieving standard
- non-rising push/pull locking adjustment knob
- panel mount nut standard
- excellent flow characteristics
- can be installed with the adjusting knob in any position
- two ¼" NPT gauge ports standard on models without gauge, one ¼" NPT gauge port standard on models with gauge - can be used for additional outlet ports
- models supplied without gauge use a GC240 gauge
- maximum operating conditions:
300 PSIG (20.7 bar) and 150°F (0°C to 65.5°C)



Size	Flow (SCFM)	With Gauge		Without Gauge	
		Part #	Price/E	Part #	Price/E
¼"	112	R26-02RHG	\$177.15	R26-02RH	\$156.45
⅜"	148	R26-03RHG	177.15	R26-03RH	156.45
½"	185	R26-04RHG	177.15	R26-04RH	156.45

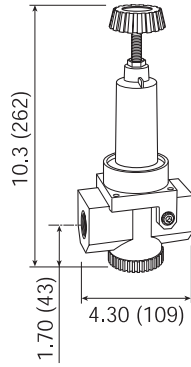
See pages 236-238 for regulator accessories.



FRL's are designed for air service only, unless otherwise indicated.

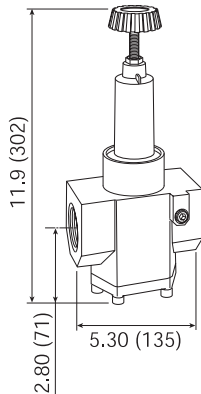
SCFM ratings at 100 PSIG inlet pressure.

Wilkerson High Pressure High Flow Regulators

**Features:**

- 0-180 PSI adjusting range
- self-relieving standard
- piston operated
- can be installed with the adjusting knob in any position
- To increase regulated pressure, pull adjusting knob up and turn clockwise. To reduce pressure, turn knob counter clockwise.
- two ¼" NPT gauge ports standard on models without gauge, one ¼" NPT gauge port standard on models with gauge - can be used for additional outlet ports
- models supplied without gauge use a GC240 gauge
- maximum operating conditions:
300 PSIG (20.7 bar) and **32°F to 150°F** (0°C to 65.5°C)

Size	Flow (SCFM)	With Gauge		Without Gauge	
		Part #	Price/E	Part #	Price/E
¾"	480	R30-06RHG	\$282.15	R30-06RH	\$261.45
1"	500	R30-08RHG	282.15	R30-08RH	261.45
1¼"	800	R30-0ARHG	282.15	R30-0ARH	261.45

**Features:**

- 0-180 PSI adjusting range
- self-relieving standard
- piston operated
- can be installed with the adjusting knob in any position
- To increase regulated pressure, pull adjusting knob up and turn clockwise. To reduce pressure, turn knob counter clockwise.
- two ¼" NPT gauge ports standard on models without gauge, one ¼" NPT gauge port standard on models with gauge - can be used for additional outlet ports
- models supplied without gauge use a GC240 gauge
- maximum operating conditions:
300 PSIG (20.7 bar) and **32°F to 150°F** (0°C to 65.5°C)

Size	Flow (SCFM)	With Gauge		Without Gauge	
		Part #	Price/E	Part #	Price/E
1½"	1200	R40-0BRHG	\$517.35	R40-0BRH	\$496.65
2"	1200	R40-0CRHG	517.35	R40-0CRH	496.65

See pages 236-238 for regulator accessories.



FRL's are designed for air service only, unless otherwise indicated.

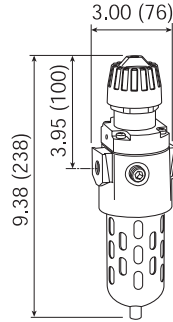
SCFM ratings at 100 PSIG inlet pressure.

Wilkerson Compact Filter / Regulators

Over-under units are space savers and provide for installation in tight areas. One common inlet/outlet for both filter and regulator saves on piping costs.

Features:

- 0-125 PSIG adjusting range
- 5 micron reusable element
- 5 oz. bowl
- self-relieving standard
- diaphragm operated
- quick-disconnect bowl guard with integral plastic bowl and safety latch standard
- Two ¼" gauge ports are provided in either side of the regulator body for installation of a gauge or to use as an additional outlet port. Plug unused port(s).
- supplied with GC230 gauge
- maximum operating conditions:
 - transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 125°F** (0°C to 52°C)
 - metal bowl: **200 PSIG** (13.8 bar) and **32°F to 150°F** (0°C to 65.5°C)

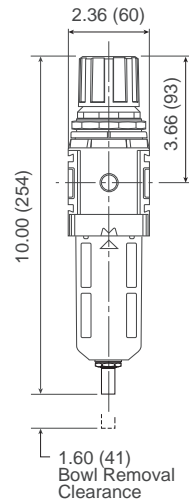


F

Size	Flow (SCFM)	With Transparent Bowl and Guard				With Metal Bowl with Sight Glass			
		Automatic Drain		Manual Drain		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
¼"	64.0	CB6-02AG	\$290.15	CB6-02MG	\$231.65	CB6-02AGMB	\$307.70	CB6-02MGMB	\$249.20
⅜"	70.0	CB6-03AG	290.15	CB6-03MG	231.65	CB6-03AGMB	307.70	CB6-03MGMB	249.20
½"	70.0	CB6-04AG	290.15	CB6-04MG	231.65	CB6-04AGMB	307.70	CB6-04MGMB	249.20

Features:

- 5-125 PSIG adjusting range for transparent bowl with guard
- 10-250 PSIG adjusting range for metal bowl with sight glass
- 5 micron element
- 4 oz. bowl
- self-relieving standard
- spring-loaded diaphragm
- To increase regulated pressure, pull adjusting knob and turn clockwise. To reduce pressure, turn knob counter clockwise. To lock knob, push down.
- Two ¼" gauge ports located on the front and rear faces of the body. These ports may be used as additional regulated ports or for pressure gauges. Plug unused port(s).
- supplied with GC230 gauge
- maximum operating conditions:
 - transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 125°F** (0°C to 52°C)
 - metal bowl: **250 PSIG** (17.2 bar) and **32°F to 150°F** (0°C to 65.5°C)



Size	Flow (SCFM)	With Transparent Bowl and Guard				With Metal Bowl with Sight Glass			
		Automatic Drain		Manual Drain		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
¼"	88	B18-02AG	\$243.10	B18-02MG	\$183.45	B18-02AGMB	\$247.15	B18-02MGMB	\$187.50
⅜"	117	B18-03AG	243.10	B18-03MG	183.45	B18-03AGMB	247.15	B18-03MGMB	187.50
½"	121	B18-04AG	243.10	B18-04MG	183.45	B18-04AGMB	247.15	B18-04MGMB	187.50

See page 241-242 for filter/regulator accessories.



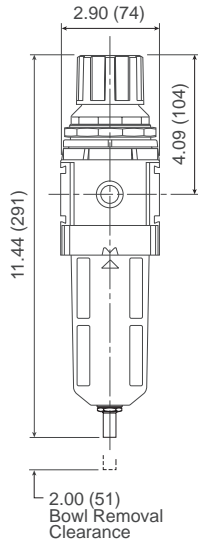
FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings at 100 PSIG inlet pressure.

Wilkerson Standard Filter / Regulators



with transparent bowl



Features:

- 5-125 PSIG adjusting range for transparent bowl with guard
- 10-250 PSIG adjusting range for metal bowl with sight glass
- 5 micron element
- 6 oz. bowl
- self-relieving standard
- spring-loaded diaphragm
- To increase regulated pressure, pull adjusting knob and turn clockwise. To reduce pressure, turn knob counter clockwise. To lock knob, push down.
- Two 1/4" gauge ports located on the front and rear faces of the body. These ports may be used as additional regulated ports or for pressure gauges. Plug unused port(s).
- supplied with GC230 gauge
- maximum operating conditions:
 - transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 125°F** (0°C to 52°C)
 - metal bowl: **250 PSIG** (17.2 bar) and **32°F to 150°F** (0°C to 65.5°C)

Size	Flow (SCFM)	With Transparent Bowl and Guard				With Metal Bowl with Sight Glass			
		Automatic Drain		Manual Drain		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
3/8"	140	B28-03AG	\$280.70	B28-03MG	\$221.15	B28-03AGMB	\$285.50	B28-03MGMB	\$225.90
1/2"	165	B28-04AG	280.70	B28-04MG	221.15	B28-04AGMB	285.50	B28-04MGMB	225.90
3/4"	175	B28-06AG	280.70	B28-06MG	221.15	B28-06AGMB	285.50	B28-06MGMB	225.90

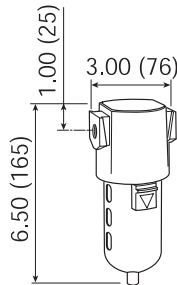
See page 241-242 for filter/regulator accessories.
SCFM ratings at 100 PSIG inlet pressure.

Wilkerson EconOmist® Compact Lubricators

Designed so that all the oil flow observed in the sight dome is broken into a mist and delivered via the airflow to the application. The oil in the bowl can be filled or replenished without interrupting airflow or bleeding pressure from the system. Once the oil-fill cap is removed, the bowl is depressurized and isolated from line pressure, and the bowl itself can then be removed for faster refill, if desired. The bowl can be filled right to the top.



transparent bowl with guard



Features:

- 5 oz. bowl
- full view sight dome
- fill under pressure design
- maximum operating conditions:
 - transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 125°F** (0°C to 52°C)
 - metal bowl: **200 PSIG** (13.8 bar) and **32°F to 150°F** (0°C to 65.5°C)

Size	Flow (SCFM)	With Transparent Bowl		With Metal Bowl	
		Part #	Price/E	Part #	Price/E
1/4"	36.1	L16-02A	\$154.60	L16-02AMB	\$172.10
3/8"	58.5	L16-03A	154.60	L16-03AMB	172.10
1/2"	64.0	L16-04A	154.60	L16-04AMB	172.10

See pages 239-241 for lubricator accessories. See page 156 for air tool lubricant.



FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings at 150 PSIG inlet pressure.

Wilkerson Lubricators

Flow Guide®

The elastomer disc-shaped device is located in the throat of all Wilkerson lubricators and automatically maintains a constant ratio of oil flow to airflow regardless of changing rates of airflow. This allows one lubricator to serve several pneumatic components operating together or intermittently.

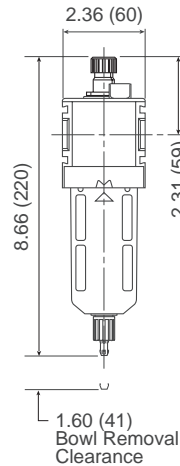
Type of oil to use:

For all Wilkerson lubricators, use any petroleum-base, non-detergent light weight oil (SAE 10/150SSU) which will readily break up into a mist, i.e., Mobil DTE light or comparable oil. Do not use synthetic oil or any oils containing additives or solvents. See page 156 for air tool lubricants.

Wilkerson EconOmist® Compact Lubricators

Features:

- 4.09 oz. bowl
- manual drain
- high flow capacity
- can be filled under pressure
- To adjust and set oil delivery rate the unit must be pressurized and air must be flowing through the unit. Turn the sight dome, located on the top of the unit, counter clockwise to initiate oil delivery. The rate of oil delivery depends on air flow rate. If flow increases or decreases, the oil delivery rate will increase or decrease proportionally. Turning the sight dome clockwise will stop all oil delivery.
- maximum operating conditions:
 - transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 125°F** (0°C to 52°C)
 - metal bowl: **250 PSIG** (17.2 bar) and **32°F to 150°F** (0°C to 65.5°C)



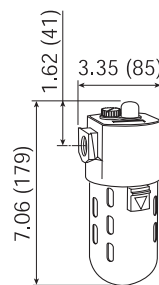
with metal bowl

Size	Flow (SCFM)	With Transparent Bowl		With Metal Bowl	
		Part #	Price/E	Part #	Price/E
¼"	88	L18-02A	\$117.50	L18-02AMB	\$128.30
⅜"	90	L18-03A	117.50	L18-03AMB	128.30
½"	96	L18-04A	117.50	L18-04AMB	128.30

Wilkerson EconOmist® Standard Lubricators

Features:

- 10 oz. bowl
- adjustable oil feed
- can be filled under pressure
- quick-disconnect metal bowl guard with integral safety latch
- siphon tube filter provides clean lubricant downstream
- The rate of oil delivery may be controlled by turning the adjusting screw counter clockwise for more and clockwise for less oil delivery. If flow increases or decreases, the oil delivery rate will increase or decrease proportionally.
- maximum operating conditions:
 - transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 125°F** (0°C to 52°C)
 - metal bowl: **200 PSIG** (13.8 bar) and **32°F to 150°F** (0°C to 65.5°C)



with metal bowl

Size	Flow (SCFM)	With Transparent Bowl		With Metal Bowl ¹	
		Part #	Price/E	Part #	Price/E
¼"	35	L26-02A	\$189.35	L26-02AMB	\$208.70
⅜"	60	L26-03A	189.35	L26-03AMB	208.70
½"	128	L26-04A	189.35	L26-04AMB	208.70

¹ metal bowl has sight gauge with brass petcock drain

See pages 239-241 for lubricator accessories. See page 156 for air tool lubricant.



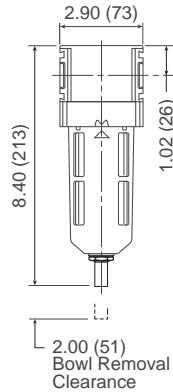
FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings at 150 PSIG inlet pressure.

Wilkerson EconOmist® Standard Lubricators



with metal bowl

**Features:**

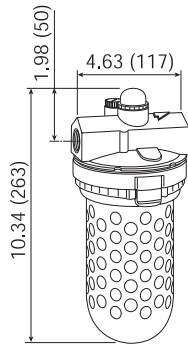
- 6.11 oz. bowl
- manual drain
- high flow capacity
- can be filled under pressure
- To adjust and set oil delivery rate the unit must be pressurized and air must be flowing through the unit. Turn the sight dome, located on the top of the unit, counter clockwise to initiate oil delivery. If flow increases or decreases, the oil delivery rate will increase or decrease proportionally. Turning the sight dome clockwise will stop all oil delivery.
- maximum operating conditions:
 - transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 125°F** (0°C to 52°C)
 - metal bowl: **250 PSIG** (17.2 bar) and **32°F to 150°F** (0°C to 65.5°C)

Size	Flow (SCFM)	With Transparent Bowl		With Metal Bowl	
		Part #	Price/E	Part #	Price/E
3/8"	176	L28-03A	\$143.75	L28-03AMB	\$154.65
1/2"	184	L28-04A	143.75	L28-04AMB	154.65
3/4"	200	L28-06A	143.75	L28-06AMB	154.65

SCFM ratings given at 150 PSIG inlet pressure.



with metal bowl

**Features:**

- 26 oz. bowl
- transparent bowl: no drain
metal bowl: manual brass petcock drain
- can be filled under pressure
- The rate of oil delivery may be controlled by turning the adjusting screw counter clockwise for more and clockwise for less oil delivery. The oil delivery rate will change automatically to deliver more oil during higher air flows and less oil for air flows lower than the one at which the setting was made.
- maximum operating conditions:
 - transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 125°F** (0°C to 52°C)
 - metal bowl: **200 PSIG** (13.8 bar) and **32°F to 150°F** (0°C to 65.5°C)

Size	Flow (SCFM)	With Transparent Bowl		With Metal Bowl	
		Part #	Price/E	Part #	Price/E
3/4"	196	L30-06A	\$292.50	L30-06AMB	\$350.00
1"	374	L30-08A	292.50	L30-08AMB	350.00

See pages 239-241 for lubricator accessories. See page 156 for air tool lubricant.



FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings at 120 PSIG inlet pressure.

Wilkerson EconOmist® Standard Lubricators

Features:

- 26 oz. bowl
- transparent bowl: solid bottom
metal bowl: manual drain with sight glass
- full view sight dome
- adjustable oil feed
- can be filled under pressure
- quick-disconnect clamp ring for easy bowl removal
- The rate of oil delivery may be controlled by turning the adjusting screw counter clockwise for more and clockwise for less oil delivery. The oil delivery rate will change automatically to deliver more oil during higher air flows and less oil for air flows lower than the one at which the setting was made.
- maximum operating conditions:
 - transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 125°F** (0°C to 52°C)
 - metal bowl: **200 PSIG** (14 bar) and **32°F to 150°F** (0°C to 65.5°C)

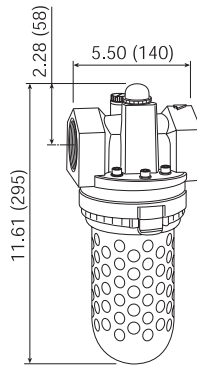


illustration represents L40 series



transparent bowl with guard



Size	Flow (SCFM)	With Transparent Bowl		With Metal Bowl	
		Part #	Price/E	Part #	Price/E
1¼"	927	L40-0AA	\$661.30	L40-0AAMB	\$719.10
1½"	927	L40-0BA	661.30	L40-0BAMB	719.10
2"	1186	L50-0CA	897.05	L50-0CAMB	954.55

See pages 239-241 for lubricator accessories. See page 156 for air tool lubricant. SCFM ratings at 120 PSIG inlet pressure.

Wilkerson Compact Combination Units

Features:

- maximum operating conditions:
 - transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 125°F** (0°C to 52°C)
 - metal bowl: **200 PSIG** (13.8 bar) and **32°F to 175°F** (0°C to 80°C)
- Included components:
 - (2) modular sleeves
 - (2) mounting brackets (sleeve and bracket)
 - (2) end blocks

Filter series F16:

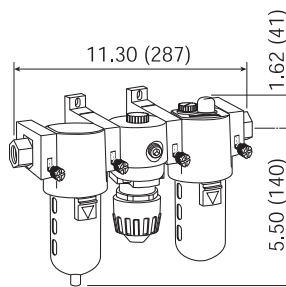
- 5 micron element
- 5 oz. bowl

Regulator series R16:

- 0-125 PSI adjusting range
- self-relieving
- supplied with a GC230 gauge

Lubricator series L16:

- 5 oz. bowl
- adjustable oil feed
- full view sight dome



transparent bowl with guard

Size	Flow (SCFM)	With Transparent Bowl and Guard				Metal Bowl with Sight Glass			
		Automatic Drain		Manual Drain		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
¼"	36.1	C16-02A	\$635.60	C16-02M	\$577.30	C16-02AMB	\$670.60	C16-02MMB	\$612.30
⅜"	58.5	C16-03A	635.60	C16-03M	577.30	C16-03AMB	670.60	C16-03MMB	612.30
½"	64.0	C16-04A	635.60	C16-04M	577.30	C16-04AMB	670.60	C16-04MMB	612.30



FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings at 150 PSIG inlet pressure.

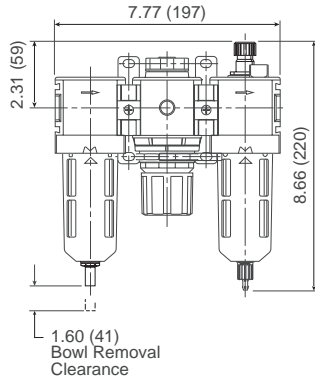
Wilkerson Compact Combination Units

Features:

- maximum operating conditions:
 - transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 125°F** (0°C to 52°C)
 - metal bowl: **250 PSIG** (17.2 bar) and **32°F to 150°F** (0°C to 65.5°C)
- Included components:
 - (2) end blocks
 - (2) mounting brackets with joiner set and port O-ring



with metal bowl



Filter series F18:

- 5 micron element
- 4 oz. bowl

Regulator series R18:

- 0-125 PSI adjusting range
- self-relieving
- supplied with a GC230 gauge

Lubricator series L18:

- 4.09 oz. bowl
- adjustable oil feed
- full view sight dome

Size	Flow (SCFM)	With Transparent Bowl and Guard				With Metal Bowl			
		Automatic Drain		Manual Drain		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/4"	110	C18-02A	\$540.25	C18-02M	\$481.90	C18-02AMB	\$557.15	C18-02MMB	\$504.55
3/8"	160	C18-03A	540.25	C18-03M	481.90	C18-03AMB	557.15	C18-03MMB	504.55
1/2"	160	C18-04A	540.25	C18-04M	481.90	C18-04AMB	557.15	C18-04MMB	504.55

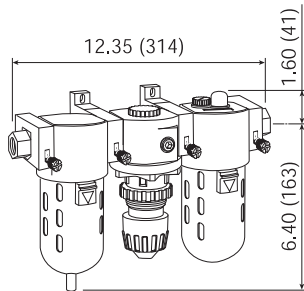
Wilkerson Standard Combination Units

Features:

- maximum operating conditions:
 - transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 125°F** (0°C to 52°C)
 - metal bowl: **200 PSIG** (13.8 bar) and **32°F to 175°F** (0°C to 80°C)
- Included components:
 - (2) modular sleeves
 - (2) mounting brackets (sleeve and bracket)
 - (2) end blocks



with metal bowl



Filter series F26:

- 5 micron element
- 10 oz. bowl

Regulator series R26:

- 0-125 PSI adjusting range
- self-relieving
- supplied with a GC230 gauge

Lubricator series L26:

- 10 oz. bowl
- adjustable oil feed
- full view sight dome

Size	Flow (SCFM)	With Transparent Bowl and Guard				With Metal Bowl			
		Automatic Drain		Manual Drain		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/4"	35	C26-02A	\$769.75	C26-02M	\$711.40	C26-02AMB	\$808.50	C26-02MMB	\$749.90
3/8"	60	C26-03A	769.75	C26-03M	711.40	C26-03AMB	808.50	C26-03MMB	749.90
1/2"	128	C26-04A	769.75	C26-04M	711.40	C26-04AMB	808.50	C26-04MMB	749.90



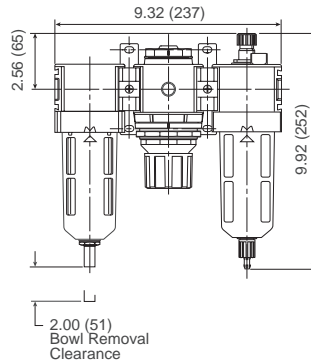
FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings at 150 PSIG inlet pressure.

Wilkerson Standard Combination Units

Features:

- modern design and appearance
- quick disconnect bowl / bowl guard
- maximum operating conditions:
 - transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 150°F** (0°C to 65.5°C)
 - metal bowl: **250 PSIG** (17.2 bar) and **32°F to 150°F** (0°C to 65.5°C)
- Included components:
 - (2) end blocks
 - (2) mounting brackets with joiner set and port O-ring



with metal bowl

F

Filter series F28:

- 5 micron element
- 6 oz. bowl

Regulator series R28:

- 0-125 PSI adjusting range
- self-relieving
- supplied with a GC230 gauge

Lubricator series L28:

- 6.11 oz. bowl
- adjustable oil feed
- full view sight dome

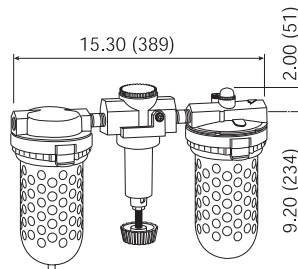
Size	Flow (SCFM)	With Transparent Bowl and Guard				With Metal Bowl			
		Automatic Drain		Manual Drain		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
3/8"	150	C28-03A	\$643.90	C28-03M	\$585.30	C28-03AMB	\$660.65	C28-03MMB	\$608.00
1/2"	175	C28-04A	643.90	C28-04M	585.30	C28-04AMB	660.65	C28-04MMB	608.00
3/4"	175	C28-06A	643.90	C28-06M	585.30	C28-06AMB	660.65	C28-06MMB	608.00

SCFM ratings given at 150 PSIG inlet pressure.

Wilkerson Jumbo Combination Units

Features:

- high flow capacity
- large bowl reservoir
- maximum operating conditions:
 - transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 125°F** (0°C to 52°C)
 - metal bowl: **200 PSIG** (13.8 bar) and **32°F to 175°F** (0°C to 80°C)
- Included components:
 - (2) brass hex nipples



with metal bowl

Filter series F30:

- 5 micron element
- 1 qt. bowl

Regulator series R30:

- 0-125 PSI adjusting range
- self-relieving
- supplied with a GC230 gauge

Lubricator series L30:

- 26 oz. bowl
- adjustable oil feed
- full view sight dome

Size	Flow (SCFM)	With Transparent Bowl and Guard				Metal Bowl with Sight Glass			
		Automatic Drain		Manual Drain		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
3/4"	374	C31-06A	\$984.20	C31-06M	\$925.85	C31-06AMB	\$1099.50	C31-06MMB	\$1040.90
1"	374	C31-08A	976.20	C31-08M	917.85	C31-08AMB	1091.50	C31-08MMB	1032.90



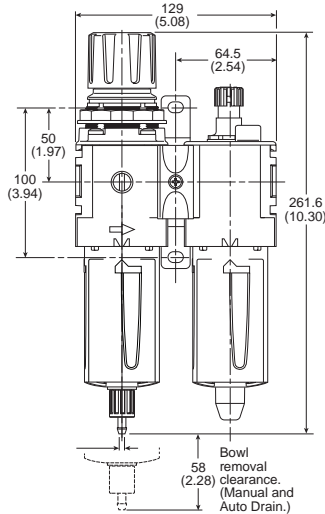
FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings given at 120 PSIG inlet pressure.

Wilkerson Combination Units



with transparent bowl and guard



Features:

- light weight, Ready-to-Mount assembly comes standard with pressure gauge and modular T-Bracket/Joiner Assembly
- components integrated into single unit
- modern design and appearance
- quick disconnect bowl / bowl guard
- maximum operating conditions:
 - transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 125°F** (0°C to 52°C)
 - metal bowl: **250 PSIG** (17.2 bar) and **32°F to 150°F** (0°C to 65.5°C)
- 5 micron element
- 4.09 oz. bowl/lubricator

Regulator

- 0-125 PSI adjusting range
- self-relieving
- supplied with gauge
- 1.72 oz. bowl/filter

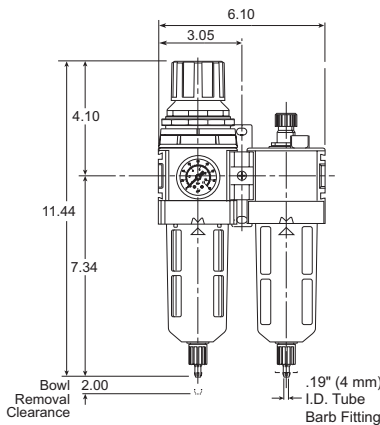
Size	Flow (SCFM)	With Transparent Bowl and Guard		With Metal Bowl / Sight Gauge	
		Manual Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/2"	150	D18-04M	\$321.65	D18-04MMB	\$329.35

SCFM ratings at 150 PSIG inlet pressure.

Wilkerson Combination Units



with metal bowl



Features:

- light weight, Ready-to-Mount assembly comes standard with pressure gauge and modular T-Bracket/Joiner Assembly
- components integrated into single unit
- modern design and appearance
- quick disconnect bowl / bowl guard
- maximum operating conditions:
 - **250 PSIG** (17.2 bar) and **32°F to 150°F** (0°C to 65.5°C)
- 5 micron element
- 6.11 oz. bowl/lubricator

Regulator

- 0-125 PSI adjusting range
- self-relieving
- supplied with gauge
- 2.87 oz. bowl/filter

Size	Flow (SCFM)	With Metal Bowl and Sight Gauge	
		Manual Drain	
		Part #	Price/E
1/2"	110	D28-04MMB	\$394.30
3/4"	175	D28-06MMB	394.30



FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings given at 120 PSIG inlet pressure.

Wilkerson Combination Unit with Protective Frame

Application:

Provides downstream air preparation with protection and convenience.

Features:

Include components:

- C31-08AMB 1" FRL with metal bowls and auto drain filter
- BBLV100 1" brass ball valve and AM12 air king on inlet port
- BBV100DTW 3-way ball valve installed between regulator and lubricator provides option for non-lubricated air
- heavy duty frame protects air prep components
- operating:
maximum pressure: **250 PSIG**
temperature range: **40°F to 150°F**
Flow: 320 SCFM

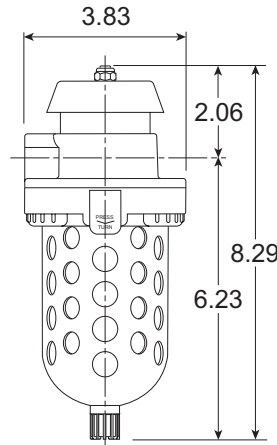


Size	Part #	Price/E
1"	C31-08FRAME	\$2045.00

Wilkerson Exhaust Muffler

Features:

- The contaminants in the exhaust flow are mechanically separated and twice filtered to 5 micron levels. The clean, muffled exhaust flows out of the unit under the metal hood on top.
- removes oily aerosols from exhaust flows
- one inlet port
- 5 micron element
- quick disconnect clamp ring for easy bowl removal
- manual drain
- operating:
maximum pressure: **150 PSIG (10.3 bar)**
temperature range: **32°F to 125°F (0°C to 52°C)**



Size	Flow @ 90 PSI	Transparent Bowl with Guard	
		Part #	Price/E
½"	240 SCFM	F23-04M	\$202.60



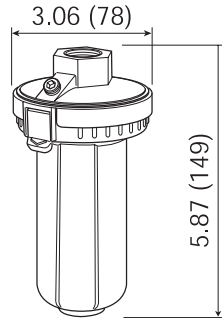
FRL's are designed for air service only, unless otherwise indicated.

Wilkerson Automatic Drain

As liquid contaminants collect in the bowl, they raise a closed-cell cellular float. When the liquid level reaches a given point, the float triggers a mechanism which pilots line pressure against a large area piston or diaphragm which snaps open the drain valve. The contaminants are discharged from the drain orifice at line pressure. As the liquid level falls, the pilot valve closes, line pressure against the piston/diaphragm returns to atmosphere and the drain valve snaps closed.



with metal bowl



Features:

- 5 oz. bowl
- fully automatic, float operated
- full 1/2" NPT drain inlet
- quick-disconnect clamp ring for easy bowl removal when servicing
- no electrical connections
- easy installation
- maximum operating conditions:
 - transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 125°F** (0°C to 52°C)
 - metal bowl: **200 PSIG** (13.8 bar) and **32°F to 150°F** (0°C to 65.5°C)

Size	With Transparent Bowl		With Metal Bowl	
	Part #	Price/E	Part #	Price/E
1/2"	X02-04	\$140.80	X02-04MB	\$155.95

Wilkerson Lockout Valves

Application:

Lockout valves are installed in pneumatic drop legs, or individual pneumatic control lines. In accordance with OSHA procedures, lockout valves are used during maintenance and service procedures of pneumatically (air) operated equipment.



Features:

- used to comply with OSHA 29 CFR part 1910
- built in port for pressure verification to meet ANSI B11 and Pmm155 requirements
- inline or surface mountable
- yellow cast aluminum body with red handle
- pressure range: **15-300 PSI**
- temperature range: **40°F to 175°F** (4.4°C to 18.6°C)

Port In/Out	Port Exhaust	Part #	Price/E
1/2"	3/4"	LV4N6D	\$359.30
3/4"	3/4"	LV6N6D	359.30
3/4"	1-1/4"	LV6NAD	492.95
1"	1-1/4"	LV8NAD	492.95

Wilkerson Filter Accessories

Elements

Used On	Description	Part #	Price/E
F03	5 micron element	PS403	\$32.85
F08		FRP-96-729	12.55
F16		FRP-95-160	30.00
F18		FRP-96-639	20.15
F26		FRP-95-115	30.00
F28		FRP-96-653	23.95
F30		FRP-95-209	59.35
F35		FRP-95-505	127.50
F42		FRP-95-566	147.10



FRP-95-115

F

Used On	Description	Part #	Price/E
M16, M26, M30	type B element (0.5 micron)	MSP-95-989	\$55.10
M16	type C element (0.01 micron)	MTP-95-548	105.75
M26	type C element (0.01 micron)	MTP-95-549	111.90
M30	type C element (0.01 micron)	MTP-95-551	243.10
M35	type C element (0.01 micron)	MTP-95-502	516.00



MTP-95-548

Gel Refills

Used On	Description	Part #	Price/E
X03	8 bags of silica gel refill	DRP-85-059	\$395.05



DRP-85-059

Bowls and Bowl Guards

Used On	Description	Part #	Price/E
F08	plastic bowl with guard and manual drain	GRP-96-712	\$25.45
F16, M16	plastic bowl and metal bowl guard with flex tip drain	FRP-95-014	80.95
	plastic bowl and metal bowl guard with auto drain	FRP-95-015	139.10
	plastic bowl with manual drain	NEW FRP-95-017	55.15
	metal bowl with sight glass and manual drain	GRP-95-133	127.85
	metal bowl with auto drain	FRP-95-950	166.40
F18	plastic bowl and bowl guard with manual drain	GRP-96-634	70.20
	plastic bowl and bowl guard with auto drain	GRP-96-635	121.55
	metal bowl with sight glass and manual drain	GRP-96-636	83.05
F26, M26	plastic bowl and metal bowl guard with flex tip drain	GRP-95-935	96.00
	plastic bowl and metal bowl guard with auto drain	GRP-95-948	195.50
	metal bowl with sight glass and manual drain	GRP-95-931	142.15
	metal bowl with auto drain	GRP-95-960	189.40
F28	plastic bowl, bowl guard, manual drain	GRP-96-642	77.60
	metal bowl, with sight glass, manual drain	GRP-96-644	76.10
F30, M30	plastic bowl and metal bowl guard with manual drain	FRP-95-832	121.25
	plastic bowl and metal bowl guard with auto drain	FRP-95-775	213.80
	plastic bowl with flex tip drain	FRP-96-315	71.45
	metal bowl with sight glass and manual drain	GRP-95-676	320.65
	metal bowl with auto drain	GRP-95-970	231.65



FRP-95-015

Wilkerson Filter Accessories

Auto and Manual Drains



GRP-96-001

F

Used On	Description	Part #	Price/E
F16, F18, F26, F28, F30, F35, M16, M26, M30, M32, M35	automatic drain with flourocarbon seal	GRP-95-981	\$76.30
F16, F18, F26, F28, F30, M16, M26, M30	automatic float drain with a nitrile seal	GRP-95-973	68.90
F16, F18, F26, F28, F30, F35, M16, M26, M30, M35	manual override drain	GRP-96-001	46.10
F16, F26, F30, M16, M26, M30	manual petcock drain for use with metal bowl units	GRP-95-182	28.40
F16, F26, F30, M16, M26, M30	manual flex tip drain	FRP-95-610	10.65
F18, F28	manual drain	GRP-96-685	16.80

Sight Glass



GRP-95-079

Used On	Description	Part #	Price/E
M16, M26	sight glass kit for metal bowls	GRP-95-079	\$15.50

Mounting Brackets and Joiner Sets



GPA-96-737

Used On	Description	Part #	Price/E
F03	mounting bracket	PS417B	\$19.15
F08	mounting bracket (type T) with joiner set and port O-ring	GPA-96-737	14.00
	mounting bracket (type C) joiner set and port O-ring	GPA-97-010 GPA-96-738	11.85 8.50
F16, M16	mounting bracket (type L)	GPA-95-016	34.90
F18	mounting bracket (type C)	GPA-96-604	23.95
	mounting bracket (type L)	GPA-96-606	15.70
F18, F28	mounting bracket (type T)	GPA-96-602	17.85
	mounting bracket (type T) with joiner set and port O-ring	GPA-96-603	39.05
F26, M26	mounting bracket (type L)	GPA-95-946	41.80
F28	mounting bracket (type C)	GPA-96-605	28.20
	mounting bracket (type L)	GPA-96-607	20.80
F30	wall mount, U-bolt pipe clamp	GRP-95-734	23.55

Modular Sleeve with Wall Mounting Brackets



GPA-95-969

Features:

- designed to mount a single unit or combination of units directly to the wall
- sleeve and mounting bracket can be ordered assembled, or just the mounting bracket alone for use on existing modular sleeves

Used On	Description	Part #	Price/E
F16, F26	bracket	GPA-95-968	\$14.55
	sleeve and bracket	GPA-95-969	32.45

Wilkerson Filter Accessories

Modular Sleeve

Features:

- design easily and quickly connects one or more units and accessories together without pipe nipples
- hand tightening the threaded pin provides a tight seal between the units

Used On	Description	Part #	Price/E
F16, F26	modular sleeve	GPA-95-292	\$17.00



GPA-95-292

Modular Blocks

Features:
Manifold Block

- flexible installation can be installed after the filter or regulator, providing three additional 1/4" NPT tapped auxiliary ports
- 1/2" inlet/outlet ports non-tapped
- 1-17/32" width

End Block

- When used with the modular sleeve, end blocks allow a single unit or a combination of units to be piped into the air system in the modular mode.
- allows ease of unit servicing or replacement without disturbing the air line connections

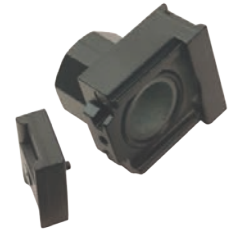
Used On	Description	Part #	Price/E
F16, M16, F26, M26	manifold block, three 1/4" NPT auxiliary ports	GPA-95-919	\$51.10
	end block, 1/4" NPT	GPA-95-223	30.75
	end block, 3/8" NPT	GPA-95-224	30.75
	end block, 1/2" NPT	GPA-95-225	30.75
F18, F28	end block, 1/4" NPT	GPA-96-610	27.80
	end block, 3/8" NPT	GPA-96-611	27.80
	end block, 1/2" NPT	GPA-96-612	27.80
	end block, 3/4" NPT	GPA-96-613	27.80



GPA-95-919



GPA-95-223



GPA-96-610

Modular Adapters

Features:

- When used with the modular sleeve, adapter inserts allow a single unit or a combination of units to be piped into the air system in the modular mode.
- allows ease of unit servicing or replacement without disturbing the air line connections
- set includes 2 blocks

Used On	Description	Part #	Price/E
F16, M16, F26, M26	1/4" NPT pipe adapter	GPA-95-035	\$43.50
	3/8" NPT pipe adapter	GPA-95-036	43.50
	1/2" NPT pipe adapter	GPA-95-037	43.50



GPA-95-037

Wilkerson Filter Accessories

Modular Shut-Off Valves

Application:

- Useful for isolating and depressurizing a downstream unit requiring maintenance or replacement.

Features:

- can be installed immediately upstream of a single unit or combination of units
- secure to the unit with a modular sleeve or modular sleeve wall mounting bracket
- ball-type valve operates with a 1/4 turn from open to shut position
- can be locked in the open position
- left to right flow



GPA-95-098

Used On	Description	Part #	Price/E
F16, F26	¼" NPT safety shut-off valve	GPA-95-096	\$135.85
	⅜" NPT safety shut-off valve	GPA-95-097	135.85
	½" NPT safety shut-off valve	GPA-95-098	135.85

Differential Pressure Indicators

Features:

- used to replace damaged indicators on filters and modular coalescing filters
- pressure loss changes color of indicator window from green to red



DP2-01-000

Used On	Description	Part #	Price/E
M16, M26, M30, M32	indicator	DP2-01-000	\$29.10
F35, M35	indicator	DP2-01-001	34.85

Wilkerson Regulator Accessories

Replacement Springs



RRP-95-222

Used On	Description	Part #	Price/E
R16	0-50 PSI spring	RRP-95-222	\$17.00

Replacement Flush Mount Gauges

Application:

- for units originally purchased with a flush mounted gauge



GRP-96-719

Used On	Description	Part #	Price/E
R08	0-160 PSI	GRP-96-719	\$29.10

Tamper Resistant Kits



RPA-95-006

Used On	Description	Part #	Price/E
R00, R08	ring style tamper resistant kit	RPA-96-735	\$7.20
R16, R26		RPA-95-006	8.50
R18		RRP-96-671	7.65
R28		RRP-96-672	8.70

Wilkerson Regulator Accessories

Repair Kits

Used On	Description	Part #	Price/E
R16	self-relieving repair kit	RRP-95-131	\$56.20
R18	relieving diaphragm assembly	RRP-96-656	22.70
R26	self-relieving repair kit	RRP-95-952	37.75
R28	relieving diaphragm assembly	RRP-96-986	41.35
R30	valve assembly: valve, spring, bottom plug O-ring	RRP-95-159	46.05
R40	valve assembly: valve, spring, retaining ring O-ring	RRP-95-161	162.55



RRP-95-952

F

Mounting Brackets and Joiner Sets

Used On	Description	Part #	Price/E
R00, RB3	mounting bracket (type L) and nut	GRP-95-747	\$17.85
R03	mounting bracket	PS417B	19.15
R08	mounting bracket (type T) with joiner set	GPA-96-737	14.00
	mounting bracket (type C)	GPA-97-010	11.85
	mounting bracket (type L)	GRP-96-739	10.00
	joiner set with port O-ring	GPA-96-738	8.50
R16	mounting bracket (type L) and nut	GPA-95-011	23.05
R16, R21, R26, R30, R40	wall mount bracket with 1/4" NPT gauge port adapter	RRP-95-590	28.20
R26	mounting bracket (type C) and nut	RPA-95-947	18.85
R30	wall mount, U-bolt pipe clamp	GRP-95-734	23.55



GPA-96-737

Modular Sleeve with Wall Mounting Brackets

Features:

- designed to mount a single unit or combination of units directly to the wall
- sleeve and mounting bracket can be ordered assembled, or just the mounting bracket alone for use on existing modular sleeves

Used On	Description	Part #	Price/E
R16, R26	bracket	GPA-95-968	\$14.55
	sleeve and bracket	GPA-95-969	32.45



GPA-95-969

Modular Sleeve

Features:

- design easily and quickly connects one or more units and accessories together without pipe nipples
- hand tightening the threaded pin provides a tight seal between the units

Used On	Description	Part #	Price/E
R16, R26	modular sleeve	GPA-95-292	\$17.00



GPA-95-292

Wilkerson Regulator Accessories

Modular Blocks



GPA-95-919



GPA-95-223



GPA-96-610

Features:

Manifold Block

- allows easy design flexibility
- can be installed after the filter or regulator, providing three additional ¼" NPT tapped auxiliary ports
- ½" inlet/outlet ports non-tapped
- 1-17/32" width

End Block

- When used with the modular sleeve, end blocks allow a single unit or a combination of units to be piped into the air system in the modular mode.
- allows ease of unit servicing or replacement without disturbing the air line connections
- set of 2 blocks (inlet & outlet)

Used On	Description	Part #	Price/E
R16, R26	manifold block, three ¼" NPT auxiliary ports	GPA-95-919	\$51.10
	end block, ¼" NPT	GPA-95-223	30.75
	end block, ⅜" NPT	GPA-95-224	30.75
	end block, ½" NPT	GPA-95-225	30.75
R18, R28	end block, ¼" NPT	GPA-96-610	27.80
	end block, ⅜" NPT	GPA-96-611	27.80
	end block, ½" NPT	GPA-96-612	27.80
	end block, ¾" NPT	GPA-96-613	27.80

Modular Adapters

Features:

- When used with the modular sleeve, adapter inserts allow a single unit or a combination of units to be piped into the air system in the modular mode. Allows ease of unit servicing or replacement without disturbing the air line connections.
- set includes 2 blocks



GPA-95-037

Used On	Description	Part #	Price/E
R16, R26	¼" NPT pipe adapter	GPA-95-035	\$43.50
	⅜" NPT pipe adapter	GPA-95-036	43.50
	½" NPT pipe adapter	GPA-95-037	43.50

Modular Shut-Off Valves

Application:

- Useful for isolating and depressurizing a downstream unit requiring maintenance or replacement.

Features:

- can be installed immediately upstream of a single unit or combination of units
- secure to the unit with a modular sleeve or modular sleeve wall mounting bracket
- ball-type valve operates with a 1/4 turn from open to shut position
- can be locked in the open position
- left to right flow



GPA-95-098

Used On	Description	Part #	Price/E
R16, R26	¼" NPT safety lock-out valve	GPA-95-096	\$135.85
	⅜" NPT safety lock-out valve	GPA-95-097	135.85
	½" NPT safety lock-out valve	GPA-95-098	135.85

see pages 275-283 for replacement gauges

Wilkerson Lubricator Accessories

Bowls and Bowl Guards

Used On	Description	Part #	Price/E
L08	plastic bowl with guard and manual drain	<i>LRP-96-736</i>	\$30.10
L16	metal bowl with sight glass and manual drain	<i>GRP-95-133</i>	127.85
	plastic bowl with guard and manual drain	<i>GRP-95-019</i>	99.10
	plastic bowl with no drain	<i>LRP-96-937</i>	39.90
L18	metal bowl with sight glass, manual drain	<i>GRP-96-636</i>	83.05
	plastic bowl with guard and manual drain	<i>LRP-96-701</i>	70.25
L26	metal bowl with sight glass and manual drain	<i>GRP-95-931</i>	142.15
	plastic bowl with no drain	<i>LRP-96-938</i>	43.05
L28	metal bowl with sight glass, manual drain	<i>GRP-96-644</i>	76.10
	plastic bowl with guard and manual drain	<i>LRP-96-702</i>	82.30
L30, L40	metal bowl with sight glass and manual drain	<i>GRP-95-676</i>	320.65
L30, L40, L50	plastic bowl with no drain	<i>LRP-96-940</i>	53.10



GRP-95-019

F

Drains

Used On	Description	Part #	Price/E
L16, L26, L30, L40, L50	manual petcock drain for use with metal bowl units	<i>GRP-95-182</i>	\$28.40
L18, L28	manual drain	<i>GRP-96-685</i>	16.80



GRP-96-685

Sight Domes and Fill Plugs

Used On	Description	Part #	Price/E
L00, L08, L16, L26	sight dome kit: dome and O-ring	<i>LRP-95-239</i>	\$16.40
L08	fill plug kit: fill plug and O-ring	<i>LRP-96-730</i>	5.95
L16, L26	sight glass kit for metal bowls	<i>GRP-95-079</i>	15.50
L16, L26, L30	fill plug kit: fill plug and O-ring	<i>LRP-95-253</i>	10.95
L18, L28	sight dome assembly (new style)	<i>LRP-96-310</i>	16.10
L30, L40, L50	sight dome kit: dome and O-ring	<i>LRP-95-249</i>	22.45
L40, L50	fill plug kit: fill plug and O-ring	<i>LRP-95-250</i>	34.55



LRP-95-249

Mounting Brackets

Used On	Description	Part #	Price/E
L08	mounting bracket (type T) with joiner set and port O-ring	<i>GPA-96-737</i>	\$14.00
	mounting bracket (type C)	<i>GPA-97-010</i>	11.85
	joiner set and port O-ring	<i>GPA-96-738</i>	8.50
L16	mounting bracket (type L)	<i>GPA-95-016</i>	34.90
L18	mounting bracket (type C)	<i>GPA-96-604</i>	23.95
	mounting bracket (type L)	<i>GPA-96-606</i>	15.70
L18, L28	mounting bracket (type T)	<i>GPA-96-602</i>	17.85
	mounting bracket (type T) with joiner set and port O-ring	<i>GPA-96-603</i>	39.05
L26	mounting bracket (type L)	<i>GPA-95-946</i>	41.80
L28	mounting bracket (type C)	<i>GPA-96-605</i>	28.20
	mounting bracket (type L)	<i>GPA-96-607</i>	20.80
L30	wall mount with U-bolt pipe clamp	<i>GRP-95-734</i>	23.55



GPA-96-737

Wilkerson Lubricator Accessories

Modular Sleeve with Wall Mounting Brackets



GPA-95-969

Features:

- designed to mount a single unit or combination of units directly to the wall
- sleeve and mounting bracket can be ordered assembled, or just the mounting bracket alone for use on existing modular sleeves

Used On	Description	Part #	Price/E
L16, L26	bracket	GPA-95-968	\$14.55
	sleeve and bracket	GPA-95-969	32.45

Modular Sleeve



GPA-95-292

Features:

- easily and quickly connects one or more units and accessories together without pipe nipples
- hand tightening the threaded pin provides a tight seal between the units

Used On	Description	Part #	Price/E
L16, L26	modular sleeve	GPA-95-292	\$17.00

Modular Blocks

Features:
Manifold Block

- flexible installation, can be installed after the filter or regulator, providing three additional ¼" NPT tapped auxiliary ports
- ½" inlet/outlet ports non-tapped
- width: 1-17/32"



GPA-95-919

End Block

- When used with the modular sleeve, end blocks allow a single unit or a combination of units to be piped into the air system in the modular mode.
- allows ease of unit servicing or replacement without disturbing the air line connections
- set includes 2 blocks (inlet and outlet)



GPA-96-610

Used On	Description	Part #	Price/E
L16, L26	manifold block, three ¼" NPT auxiliary ports	GPA-95-919	\$51.10
	end block, ¼" NPT	GPA-95-223	30.75
	end block, ⅜" NPT	GPA-95-224	30.75
	end block, ½" NPT	GPA-95-225	30.75
L18, L28	end block, ¼" NPT	GPA-96-610	27.80
	end block, ⅜" NPT	GPA-96-611	27.80
	end block, ½" NPT	GPA-96-612	27.80
	end block, ¾" NPT	GPA-96-613	27.80

Wilkerson Lubricator Accessories

Modular Adapters

Features:

- When used with the modular sleeve, adapter inserts allow a single unit or a combination of units to be piped into the air system in the modular mode.
- allows ease of unit servicing or replacement without disturbing the air line connections
- set includes 2 blocks

Used On	Description	Part #	Price/E
L16, L26	¼" NPT pipe adapter	GPA-95-035	\$43.50
	⅜" NPT pipe adapter	GPA-95-036	43.50
	½" NPT pipe adapter	GPA-95-037	43.50



GPA-95-037

Modular Shut-Off Valves

Application:

- Useful for isolating and depressurizing a downstream unit requiring maintenance or replacement.

Features:

- can be installed immediately upstream of a single unit or combination of units
- secured to the unit with a modular sleeve or modular sleeve wall mounting bracket
- ball-type valve operates with a 1/4 turn from open to shut position
- can be locked in the open position
- left to right flow

Used On	Description	Part #	Price/E
L16, L26	¼" NPT safety lock-out valve	GPA-95-096	\$135.85
	⅜" NPT safety lock-out valve	GPA-95-097	135.85
	½" NPT safety lock-out valve	GPA-95-098	135.85



GPA-95-098

Wilkerson Filter/Regulator Accessories

5 Micron Elements

Used On	Description	Part #	Price/E
B08	5 micron element	FRP-96-729	\$12.55
CB6		FRP-95-160	30.00
B18		FRP-96-639	20.15
B28		FRP-96-653	23.95



FRP-96-729

Bowls and Bowl Guards

Used On	Description	Part #	Price/E
B08	plastic bowl with guard and manual drain	GRP-96-712	\$25.45
CB6	plastic bowl with metal bowl guard and flex tip drain	FRP-95-014	80.95
	plastic bowl with metal bowl guard and auto drain	FRP-95-015	139.10
	plastic bowl with manual drain	NEW FRP-95-017	55.15
	metal bowl and auto drain	FRP-95-950	166.40
B18	plastic bowl with guard and manual drain	GRP-96-634	70.20
	plastic bowl with bowl guard and auto drain	GRP-96-635	121.55
	metal bowl with sight glass and manual drain	GRP-96-636	83.05
	plastic bowl with bowl guard and manual drain	GRP-96-642	77.60
	metal bowl with sight glass and manual drain	GRP-96-644	76.10



GRP-96-636

Wilkerson Filter/Regulator Accessories

Auto and Manual Drains



GRP-96-001

Used On	Description	Part #	Price/E
CB6	manual petcock drain (for use with metal bowl units)	GRP-95-182	\$28.40
	manual flex tip drain	FRP-95-610	10.65
CB6, B18, B28	automatic drain with fluorocarbon seal	GRP-95-981	76.30
	automatic float drain with a nitrile seal	GRP-95-973	68.90
	manual override drain	GRP-96-001	46.10
B18, B28	manual drain	GRP-96-685	16.80

Accessories



GRP-95-079

Used On	Description	Part #	Price/E
CB6	sight glass kit for metal bowl	GRP-95-079	\$15.50

Replacement Springs



RRP-95-222

Used On	Description	Part #	Price/E
CB6	0-50 PSI spring	RRP-95-222	\$17.00

Tamper Resistant Kits



RPA-96-735

Used On	Description	Part #	Price/E
B08	ring style tamper resistant kit	RPA-96-735	\$7.20
B18	ring style tamper resistant kit	RRP-96-671	7.65
B28	ring style tamper resistant kit	RRP-96-672	8.70

Repair Kits



RRP-96-656

Used On	Description	Part #	Price/E
B18	diaphragm assembly, relieving	RRP-96-656	\$22.70
B28	diaphragm assembly, relieving	RRP-96-986	41.35

Mounting Brackets and Joiner Sets



GPA-96-737

Used On	Description	Part #	Price/E
R08	mounting bracket (type T) with joiner set	GPA-96-737	\$14.00
	mounting bracket (type C)	GPA-97-010	11.85
	mounting bracket (type L)	GRP-96-739	10.00
	joiner set with port O-ring	GPA-96-738	8.50
CB6	mounting bracket (type L) and nut	GPA-95-011	23.05
	bracket, wall mount, gauge port adapter with 1/4" NPT	RRP-95-590	28.20
B18	mounting bracket (type C)	GPA-96-604	23.95
	mounting bracket (type L)	GPA-96-606	15.70
B18, B28	mounting bracket (type T)	GPA-96-602	17.85
	mounting bracket (type T) with joiner set	GPA-96-603	39.05
B28	mounting bracket (type C)	GPA-96-605	28.20
	mounting bracket (type L)	GPA-96-607	20.80

Wilkerson FRL Display

Increase your sales with this heavy duty, point-of-purchase Dixon™ FRL Display. Display is designed to highlight the features and benefits of a modular Filter-Regulator-Lubricator Combination Unit for air line services. The display is perfect for your "Will Call" or showroom sales area.

Features:

- FRL combination unit with standard metal bowl with sight glass and manual drain
- modular mounting clamps
- pipe adapters
- display stand
- assembly is required

Part #	Price/E
WILK26DISPLAY	\$878.80



Series 1 FRL Display

Increase your sales with this heavy duty, point-of-purchase Dixon™ FRL Display. Display is designed to highlight the features and benefits of a modular Filter-Regulator-Lubricator Combination Unit for air line services. The display is perfect for your "Will Call" or showroom sales area.

Features:

- 74 Series basic combination unit with metal bowl with sight glass and manual drain
- modular mounting clamps
- pipe adapters
- display stand
- assembly is required

Part #	Price/E
NORG74DISPLAY	\$875.60



Series 1 Carded Miniature FRL's

Dixon™ offers the Series I line of miniature filters, filter/regulators, regulators and lubricators in prepackaged clear plastic units suitable for hanging on store peg racks or displays. The primary features of each unit are printed on the packaging. Each package contains 1 unit and an instruction sheet.

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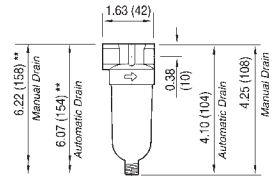


Features:

- 5 micron element
- 1 oz. reservoir
- inlet pressure **150 PSI** maximum
- maximum temperature: **125°F**

Carded Miniature Filter with Transparent Bowl

Port Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
¼"	24	F07-200AC	\$73.60	F07-200MC	\$62.70



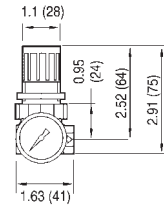
** minimum clearance required to remove bowl

Features:

- pressure range 5-100 PSI
- relieving type
- inlet pressure **250 PSI** maximum
- maximum temperature: **150°F**
- supplied with a GC620 gauge

Carded Miniature Regulator

Port Size	SCFM	with Gauge	
		Part #	Price/E
¼"	15	R07-200GRC	\$71.65

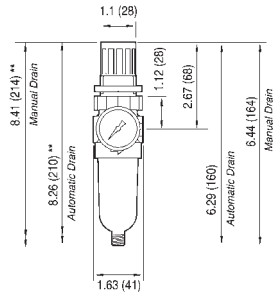


Features:

- pressure range 5-100 PSI
- relieving type
- 5 micron element
- 1 oz. reservoir
- push to lock adjusting knob
- inlet pressure **150 PSI** maximum
- maximum temperature: **125°F**
- supplied with a GC620 gauge
- bowl guard not available

Carded Miniature Filter/Regulator with Transparent Bowl

Port Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
¼"	14	B07-202AGC	\$138.90	B07-202MGC	\$126.00



** minimum clearance required to remove bowl

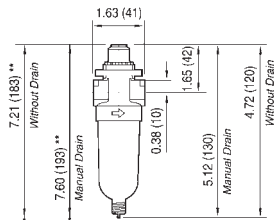


Features:

- 1 oz. reservoir
- inlet pressure **150 PSI** maximum
- maximum temperature: **125°F**

Carded Miniature Lubricator

Port Size	Flow (SCFM)	Transparent Bowl	
		Part #	Price/E
¼"	14	L07-200AC	\$89.30



** minimum clearance required to remove bowl

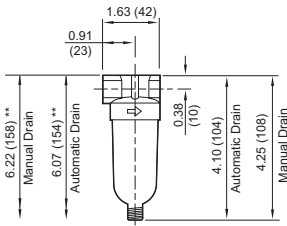


! FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings given at 100 PSIG inlet pressure for regulators, 90 PSIG all others.

Series 1 Miniature FRL's

- 5 micron element
- inlet pressure **150 PSI** maximum
- 1 oz. reservoir
- maximum temperature: **125°F**

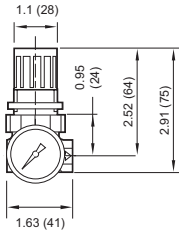


Miniature Filter with Transparent Bowl

Port Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/8"	19	F07-100A	\$71.00	F07-100M	\$60.90
1/4"	24	F07-200A	69.35	F07-200M	59.45



** minimum clearance to remove bowl



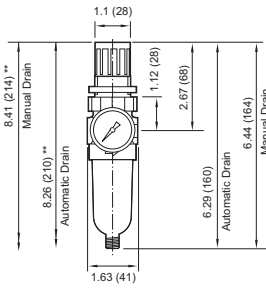
- pressure range 5-100 PSI
- relieving type
- inlet pressure **300 PSI** max.
- maximum temperature: **150°F**
- regulation at flows up to 22 SCFM at 100 PSIG
- RG models supplied with a GC620 gauge
- panel nut not included

Miniature Regulators

Port Size	Flow (SCFM)	with Gauge		without Gauge	
		Part #	Price/E	Part #	Price/E
1/8"	14	R07-100RG	\$62.80	R07-100R	\$46.10
1/4"	15	R07-200RG	62.40	R07-200R	45.70



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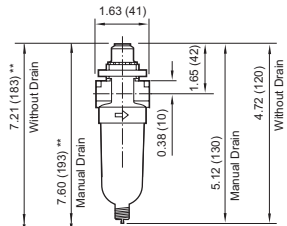
- pressure range 5-100 PSI
- relieving type
- 5 micron element
- 1 oz. reservoir
- push to lock adjusting knob
- inlet pressure **150 PSI** maximum
- maximum temperature: **125°F**
- supplied with a GC620 gauge
- bowl guard not available

Miniature Filter/Regulator with Transparent Bowl

Port Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/8"	13	B07-102AG	\$131.30	B07-102MG	\$116.90
1/4"	24	B07-202AG	126.30	B07-202MG	115.60



** minimum clearance to remove bowl



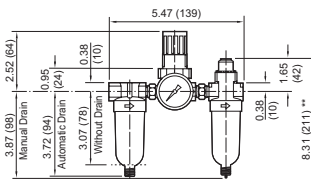
- 1 oz. reservoir
- inlet pressure **150 PSI** maximum
- maximum temperature: **125°F**

Miniature Lubricators

Port Size	Flow (SCFM)	Transparent Bowl	
		Part #	Price/E
1/8"	10	L07-100A	\$92.05
1/4"	14	L07-200A	90.70



** minimum clearance to remove bowl



- pressure range 5-125 PSI
- 1 oz. reservoir
- supplied with a GC620 gauge
- inlet pressure **150 PSI** maximum
- maximum temperature: **125°F**

Miniature Combination Unit with Transparent Bowl

Port Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/8"	10	P1A-100A	\$271.05	P1A-100M	\$260.95
1/4"	14	P1A-200A	268.20	P1A-200M	261.55



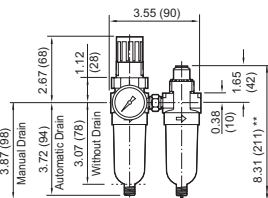
** minimum clearance to remove bowl

Series 1 Micro Mate Combination Units

- pressure range 5-125 PSI
- requires only 2 pipe connections
- inlet pressure **150 PSI** maximum
- maximum temperature: **125°F**

Miniature Filter/Regulator/Lubricator with Transparent Bowl

Port Size	Flow (SCFM)	Automatic Drain	
		Part #	Price/E
1/8"	10	PTH-100AG	\$242.45
1/4"	14	PTH-200AG	254.75



** minimum clearance to remove bowl



FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings at 100 PSIG inlet pressure for regulators, 90 PSIG all others.

Series 1 Airline Filters



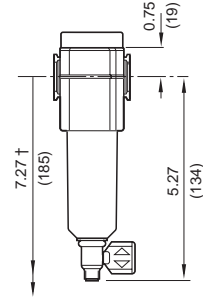
with transparent bowl

Features:

- particle removal per ISO 8573-1, Class 5 and Class 3
- 40 micron element
- 2 oz. reservoir
- quick-release bayonet bowl
- prismatic lens liquid level indicator
- inlet pressure:
 - transparent bowl: **150 PSI** and **125°F**
 - metal bowl: **250 PSI** and **150°F**

Sub-Compact with Transparent Bowl

Port Size	Flow (SCFM)	Semi-Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
¼"	55	F72G-2A	\$138.35	F72G-2M	\$75.90



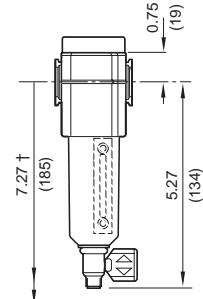
† Minimum clearance to remove bowl



with metal bowl

Sub-Compact with Metal Bowl and Sight Glass

Port Size	Flow (SCFM)	Semi-Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
¼"	55	F72G-2A-MB	\$155.10	F72G-2M-MB	\$92.30



† Minimum clearance to remove bowl



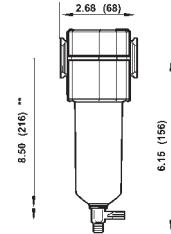
with transparent bowl

Features:

- particle removal per ISO 8573-1, Class 5 and Class 3
- 40 micron element
- 4 oz. reservoir
- quick-release bayonet bowl
- prismatic lens liquid level indicator
- inlet pressure:
 - transparent bowl: **150 PSI** and **125°F**
 - metal bowl: **250 PSI** and **175°F**

Compact with Transparent Bowl

Port Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
¼"	53	F73G-2A	\$194.35	F73G-2M	\$117.60
⅜"	65	F73G-3A	194.35	F73G-3M	117.60
½"	69	F73G-4A	192.55	F73G-4M	117.05



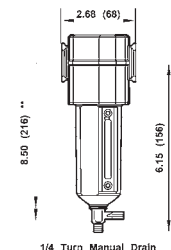
** Minimum clearance required to remove bowl.



with metal bowl

Compact with Metal Bowl and Sight Glass

Port Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
¼"	53	F73G-2A-MB	\$203.95	F73G-2M-MB	\$127.15
⅜"	65	F73G-3A-MB	203.95	F73G-3M-MB	127.15
½"	69	F73G-4A-MB	203.95	F73G-4M-MB	126.50



** Minimum clearance required to remove bowl.

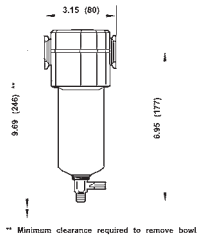
See pages 261-263 for filter accessories.



FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings at 90 PSIG inlet pressure.

Series 1 Airline Filters



Features:

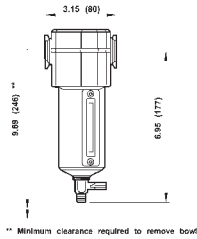
- particle removal per ISO 8573-1, Class 5 and Class 3
- 40 micron element
- 7 oz. reservoir
- quick-release bayonet bowl
- prismatic lens liquid level indicator
- inlet pressure:
 - transparent bowl: **150 PSI and 125°F**
 - metal bowl: **250 PSI and 175°F**



with transparent bowl

Standard with Transparent Bowl and Guard

Port Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
3/8"	112	F74G-3A	\$246.60	F74G-3M	\$170.85
1/2"	140	F74G-4A	241.85	F74G-4M	168.50
3/4"	140	F74G-6A	244.20	F74G-6M	168.50



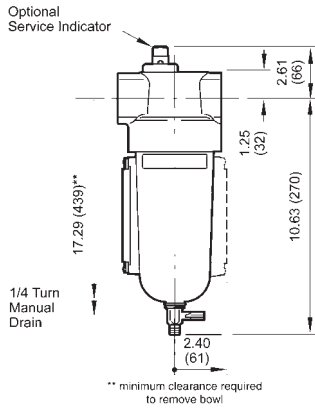
Standard with Metal Bowl and Sight Glass

Port Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
3/8"	112	F74G-3A-MB	\$251.35	F74G-3M-MB	\$176.00
1/2"	140	F74G-4A-MB	247.75	F74G-4M-MB	172.65
3/4"	140	F74G-6A-MB	247.75	F74G-6M-MB	173.50



with metal bowl

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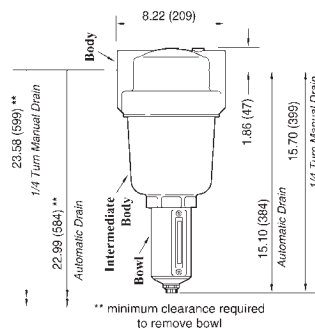


Features:

- general purpose with low pressure drop and excellent water removal characteristics
- 40 micron element
- 1 qt. reservoir
- inlet pressure: **250 PSI and 175°F**

Jumbo with Metal Bowl and Sight Glass

Port Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
3/4"	325	F17-600A	\$449.45	F17-600M	\$369.55
1"	425	F17-800A	443.00	F17-800M	366.00
1 1/4"	425	F17-A00A	513.55	F17-A00M	430.65
1 1/2"	425	F17-B00A	508.65	F17-B00M	436.90



Features:

- 40 micron element
- quick-release bayonet bowl
- prismatic lens liquid level indicator
- 7 oz. reservoir
- inlet pressure: **250 PSI and 175°F**

Jumbo with Metal Bowl and Sight Glass

Port Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
2"	1400	F18-C00A	\$1555.05	F18-C00M	\$1476.60



See pages 261-263 for filter accessories.

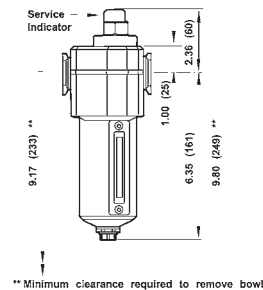
! FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings at 90 PSIG inlet pressure.

Series 1 Oil Removal (Coalescing) Filters

Features:

- provides air quality class 2 hydrocarbon and class 1 particulate removal per ISO 8573-1
- element removes particles down to 0.01mm. Maximum remaining oil content of air leaving the filter is 0.01 ppm at 70°F (21°C) with an inlet concentration of 8 ppm
- For maximum service life install a general purpose filter upstream of the oil removal filter.
- service life indicator turns from green to red when element needs to be replaced
- in-line or modular installation
- quick-release bayonet bowl
- prismatic lens liquid level indicator
- inlet pressure: **250 PSI** and **150°F**



Standard Standard Flow with Metal Bowl

Port Size	Flow (SCFM) Saturated	SCFM Dry	Automatic Drain	
			Part #	Price/E
3/8"	35	70	F74C-3A-MB	\$406.80
1/2"	35	75	F74C-4A-MB	403.00

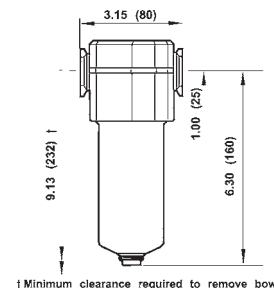
Standard High Flow with Metal Bowl

Port Size	Flow (SCFM) Saturated	SCFM Dry	Automatic Drain	
			Part #	Price/E
1/2"	60	100	F74H-4A-MB	\$465.10
3/4"	60	120	F74H-6A-MB	460.75

Series 1 Oil Vapor Removal Filters

Features:

- provides air quality class 1 particulate removal per ISO 8573-1, when used with the F74C series
- Filter and element designs optimizes air velocity and contact time to reduce oil content of air leaving the filter to 0.003 ppm at 70°F (21°C).
- For maximum service life install a general purpose filter and an oil removal filter upstream of the oil vapor removal filter.
- Minimum service life of 400 hours can be expected if the vapor removal filter is protected upstream by an oil removal (coalescing) filter and if the filtration temperature is in the region of **70° to 80°F** (21° to 26°C). Above this range, oil vapor content of compressed air increases substantially and element service life is reduced.
- Carbon cartridge element provides long service life.
- Activated carbon cartridge filter element absorbs oil vapors and removes most hydrocarbon odors.
- in-line or modular installation
- quick-release bayonet bowl
- inlet pressure: **250 PSI** and **150°F**



Standard with Metal Bowl

Port Size	Flow (SCFM)	Automatic Drain	
		Part #	Price/E
3/8"	21	F74V-3A-MB	\$380.25
1/2"	21	F74V-4A-MB	379.25
3/4"	21	F74V-6A-MB	383.90

See pages 261-263 for filter accessories.

! FRL's are designed for air service only, unless otherwise indicated.

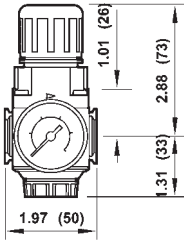
SCFM ratings at 90 PSIG inlet pressure.

Series 1 Regulators

Features:

- pressure range 5-150 PSI
- inlet pressure: **300 PSI**
- maximum temperature: **150°F**
- in-line or modular installation
- two full flow 1/8" NPT gauge ports
- RG models supplied with GC620 gauge
- To order 0-60 PSI range, add an L to the end of the part number.

Sub-Compact



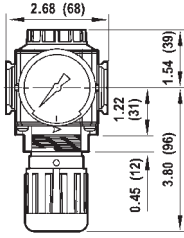
Port Size	Flow (SCFM)	with Gauge		without Gauge	
		Part #	Price/E	Part #	Price/E
1/4"	70	R72G-2RG	\$82.75	R72G-2R	\$66.05
3/8"	70	R72G-3RG	87.15	R72G-3R	70.45



Features:

- pressure range 5-150 PSI
- inlet pressure: **300 PSI**
- maximum temperature: **150°F**
- in-line or modular installation
- relieving type
- two full flow 1/4" NPT gauge ports
- RG models supplied with GC230 gauge
- To order 0-60 PSI range, add an L to the end of the part number.

Compact



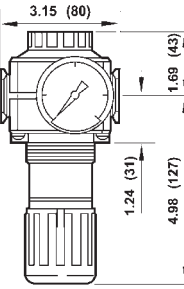
Port Size	Flow (SCFM)	with Gauge		without Gauge	
		Part #	Price/E	Part #	Price/E
1/4"	91	R73G-2RG	\$114.50	R73G-2R	\$93.80
3/8"	144	R73G-3RG	114.05	R73G-3R	93.35
1/2"	144	R73G-4RG	113.60	R73G-4R	92.90



Features:

- pressure range 5-150 PSI
- inlet pressure: **300 PSI**
- maximum temperature: **150°F**
- in-line or modular installation
- relieving type
- two full flow 1/4" NPT gauge ports
- RG models supplied with GC230 gauge
- To order 0-60 PSI range, add an L to the end of the part number.

Standard



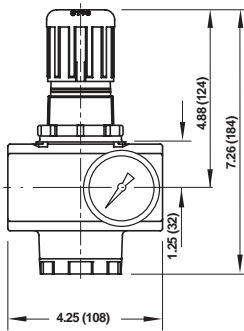
Port Size	Flow (SCFM)	with Gauge		without Gauge	
		Part #	Price/E	Part #	Price/E
3/8"	208	R74G-3RG	\$168.60	R74G-3R	\$147.90
1/2"	220	R74G-4RG	165.75	R74G-4R	145.05
3/4"	220	R74G-6RG	166.50	R74G-6R	145.80



Features:

- pressure range 5-125 PSI
- inlet pressure: **300 PSI**
- maximum temperature: **175°F**
- in-line or modular installation
- relieving type
- two full-flow 1/4" NPT gauge ports
- RG models supplied with GC230 gauge

Jumbo



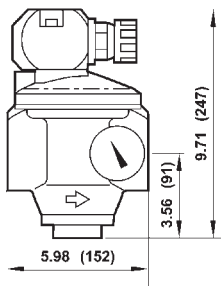
Port Size	Flow (SCFM)	with Gauge		without Gauge	
		Part #	Price/E	Part #	Price/E
3/4"	440	R17-600RG	\$302.90	R17-600R	\$282.20
1"	480	R17-800RG	298.80	R17-800R	278.10
1 1/4"	400	R17-A00RG	364.60	R17-A00R	343.90
1 1/2"	440	R17-B00RG	375.90	R17-B00R	355.20



Features:

- 5-125 PSI range
- inlet pressure: **450 PSI**
- maximum temperature: **175°F**
- relieving type
- two full flow 1/4" NPT gauge ports
- RG model supplied with GC230 gauge

Jumbo



Port Size	Flow (SCFM)	with Gauge		without Gauge	
		Part #	Price/E	Part #	Price/E
2"	2000	R18-C05RG	\$1834.95	R18-C05R	\$1814.25



See pages 263-264 for regulator accessories.

! FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings given at 150 PSIG inlet pressure, 2" unit at 100 PSIG.

F

Miniature Non-Repairable General Purpose Regulators

Features:

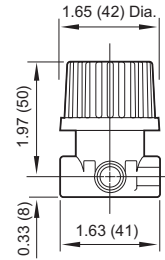
- pressure range 5-125 PSI
- maximum temperature: **150°F**
- lightweight construction
- left to right flow
- wrench flats for easy installation
- relieving piston design allows reduction of downstream pressure when the system is dead-ended
- RG model supplied with a GC620 gauge



Compact

Port Size	Flow (SCFM)	with Gauge		without Gauge	
		Part #	Price/E	Part #	Price/E
¼"	13	R46-200RG	\$65.55	R46-200R	\$48.85

SCFM ratings at 100 PSIG.



F

Series 1 General Regulators

Floating valve pin provides positive seating and dependability. Large diaphragm provides quick response to flow demands and line pressure changes. Balanced valve reduces inlet pressure variations on outlet pressure.

Features:

- pressure range 5-125 PSI
- inlet pressure: **400 PSI**
- maximum temperature: **175°F**
- T-handle adjustment
- supplied with GC620 gauge



Port Size	Flow (SCFM)	with Gauge		Price/E
		Part #		
¼"	110	R11-013RG		\$342.40
⅜"	110	R11-037RG		342.40
½"	260	R11-061RG		392.75

SCFM ratings at 150 PSIG.

Series 1 Manifold Regulators

Manifold up to six regulators on a single air supply. Design allows in-line installation with hex nipple or modular installation with 72 Series accessories (see pages 263-264).

Features:

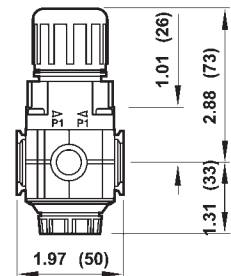
- pressure range 5-150 PSI
- inlet pressure: **300 PSI**
- maximum temperature: **150°F**
- RG models supplied with GC620 gauge



Sub-Compact

Port Size	Flow (SCFM)	with Gauge		without Gauge	
		Part #	Price/E	Part #	Price/E
¼"	83	R72M-2RG	\$157.60	R72M-2R	\$140.90
⅜"	83	R72M-3RG	161.50	R72M-3R	144.80

SCFM ratings at 150 PSIG.



Series 1 Cylinder Gas Regulator



Applications:

UL listed for service with Carbon Dioxide, water, pumped air, Nitrogen, Argon, Helium, Krypton, Neon and Xenon.
Not to be used with flammable gases.



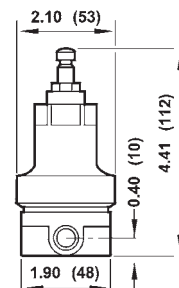
Features:

- pressure range 5-125 PSI
- inlet pressure: **3000 PSI**
- maximum temperature: **140°F**
- relieving type
- two ports for high pressure and two ports for service

Port Size	Flow (SCFM)	without Gauge	
		Part #	Price/E
¼"	10	R83-200R	\$149.20

See pages 263-264 for regulator accessories.

SCFM ratings given at 1000 PSIG inlet pressure.

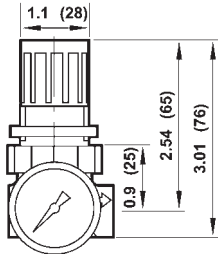


FRL's are designed for air service only, unless otherwise indicated.

Series 1 Miniature Water Regulator

Application:

Designed for use with deionized water and potable water systems. Plastic and metal components in contact with fluid are approved by the National Sanitation Foundation (NSF) or meet Food and Drug Administration (FDA) recommendations for use in potable water systems.



Features:

- inlet pressure: **150 PSI**
- maximum temperature: **125°F**
- non-relieving type
- supplied with GC620 gauge
- food grade elastomers

Port Size	Flow (GPM)	with Gauge	
		Part #	Price/E
1/4"	1.75	R91-221RG	\$87.20

SCFM ratings at 100 PSIG.

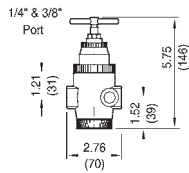
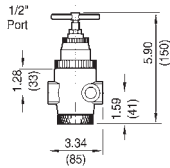


F

Series 1 Water Regulators

Application:

Used in water systems to reduce and maintain pressure at a nearly constant level despite changes in the inlet pressure and changes in downstream flow requirements.



Features:

- pressure range 5-125 PSI
- inlet pressure: **400 PSI**
- T-handle adjustment
- brass body and aluminum bonnet
- non-relieving type
- gauge port is full-flow and can be used as an outlet port
- supplied with GC230 gauge
- temperature range:
 - water service: **35° to 200°F** (2° to 93°C)
 - air service: **-30° to 200°F** (-34° to 93°C)

Port Size	Flow (SCFM)	with Gauge	
		Part #	Price/E
1/4"	5	R43-201RG	\$269.90
3/8"	5	R43-301RG	324.80
1/2"	10	R43-406RG	372.10

SCFM ratings at 100 PSIG.



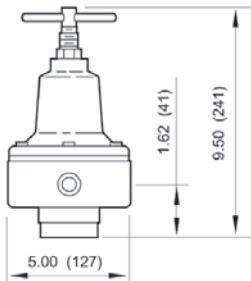
Series 1 Water Regulators

Application:

Balanced valve minimizes effects of the inlet pressure variations on outlet pressure.

Features:

- inlet pressure: **400 PSI**
- T-handle adjustment
- non-relieving type
- body, valve and bottom plug are brass, bonnet is aluminum and steel
- elastomers are nitrile
- temperature range:
 - water service: **35° to 200°F** (2° to 93°C)
 - air service: **-30° to 200°F** (-34° to 93°C)



Port Size	Flow (SCFM)	without Gauge	
		Part #	Price/E
3/4"	27.5	11-009-065	\$1260.25
1"	27.5	11-009-081	1272.25

SCFM ratings given at 100 PSIG inlet pressure.

See pages 263-264 for regulator accessories.



FRL's are designed for air service only, unless otherwise indicated.



Series 1 Filter / Regulators



with transparent bowl



with metal bowl



with transparent bowl



with metal bowl



with guard



with metal bowl

Features:

- particle removal per ISO 8573-1, Class 5 and Class 3
- pressure range 5-150 PSI
- in-line or modular installation
- 40 micron element
- 2 oz. reservoir
- quick-release bayonet bowl
- prismatic lens liquid level indicator
- supplied with GC620 gauge
- inlet pressure:
 - transparent bowl: **150 PSI** and **125°F**
 - metal bowl: **250 PSI** and **150°F**

Sub-Compact with Transparent Bowl

Port Size	Flow (SCFM)	Semi-Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/4"	80	B72G-2AG	\$211.00	B72G-2MG	\$146.55

Sub-Compact with Metal Bowl and Sight Glass

Port Size	Flow (SCFM)	Semi-Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/4"	80	B72G-2AG-MB	\$225.70	B72G-2MG-MB	\$163.05
3/8"	80	B72G-3AG-MB	229.95	B72G-3MG-MB	166.90

Features:

- particle removal per ISO 8573-1, Class 5 and Class 3
- pressure range 5-150 PSI
- in-line or modular installation
- 40 micron element
- 3.5 oz. reservoir
- quick-release bayonet bowl
- prismatic lens liquid level indicator
- supplied with GC230 gauge
- inlet pressure:
 - transparent bowl: **150 PSI** and **125°F**
 - metal bowl: **250 PSI** and **175°F**

Compact with Transparent Bowl

Port Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/4"	78	B73G-2AG	\$297.95	B73G-2MG	\$222.45
3/8"	123	B73G-3AG	297.95	B73G-3MG	222.45
1/2"	123	B73G-4AG	297.95	B73G-4MG	222.45

Compact with Metal Bowl and Sight Glass

Port Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/4"	78	B73G-2AG-MB	\$307.45	B73G-2MG-MB	\$232.00
3/8"	123	B73G-3AG-MB	304.75	B73G-3MG-MB	232.00
1/2"	123	B73G-4AG-MB	307.45	B73G-4MG-MB	228.95

Features:

- pressure range 5-125 PSI
- 40 micron element
- 7 oz. reservoir
- relieving type
- supplied with GC230 gauge
- inlet pressure:
 - transparent bowl: **150 PSI** and **125°F**
 - metal bowl: **250 PSI** and **175°F**

Standard with Transparent Bowl and Guard

Port Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/2"	212	B74G-4AG	\$350.90	B74G-4MG	\$271.75
3/4"	212	B74G-6AG	350.90	B74G-6MG	273.00

Standard with Metal Bowl and Sight Glass

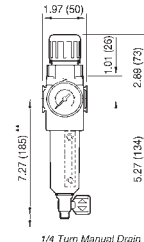
Port Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
3/8"	163	B74G-3AG-MB	\$359.10	B74G-3MG-MB	\$280.30
1/2"	212	B74G-4AG-MB	351.10	B74G-4MG-MB	276.60
3/4"	212	B74G-6AG-MB	385.60	B74G-6MG-MB	276.60

See page 267 for filter/regulator accessories.

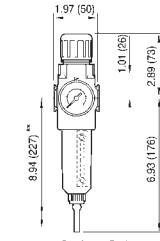


FRL's are designed for air service only, unless otherwise indicated.

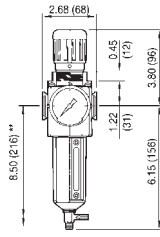
SCFM ratings given at 150 PSIG inlet pressure.



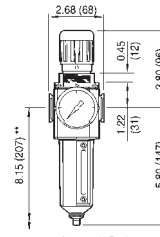
1/4 Turn Manual Drain
** minimum clearance required to remove bowl



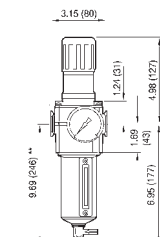
Semi auto Drain
** minimum clearance required to remove bowl



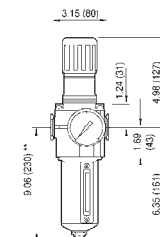
1/4 Turn Manual Drain
** minimum clearance required to remove bowl



Automatic Drain
** minimum clearance required to remove bowl



Manual Drain
** minimum clearance required to remove bowl



Automatic Drain
** minimum clearance required to remove bowl

Series 1 Micro-Fog Lubricators

Application:

- Micro-fog lubricators, identified by a red adjusting screw, are used for applications containing one or more points of lubrication, cylinders and multiple or single tools.
- Air flow through the lubricator lifts oil from the reservoir to the sight-feed dome. Oil is dropped into the fog generator and atomized into a fine mist. Lightweight particles are delivered downstream for lubrication. Heavier particles fall back into the reservoir.
- The micro-fog lubricator delivers 10% of the oil drops visible through the transparent sight-feed dome.



- *Micro-fog lubricators cannot be filled under pressure.*

Features:

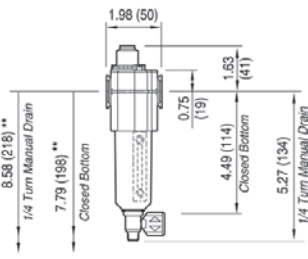
- 2 oz. reservoir
- in-line or modular installation
- quick release bayonet bowl
- micro-fog design delivers aerosol mist
- recommended lubricants: misting type oil rated 50 to 200 SSU (ISO Grade 7 to 46) at 100°F
- maximum operating conditions:
 - transparent bowl: **150 PSI** and **125°F**
 - metal bowl: **250 PSI** and **175°F**

Sub-Compact

Port Size	Flow (SCFM)	Transparent Bowl		Metal Bowl	
		Part #	Price/E	Part #	Price/E
1/4"	51	L72M-2	\$108.30	L72M-2MB	\$125.30



with transparent bowl



** minimum clearance required to remove bowl

Features:

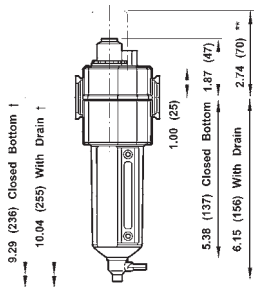
- 4 oz. reservoir
- in-line or modular installation
- quick release bayonet bowl
- micro-fog design delivers aerosol mist
- recommended lubricants: misting type oil rated 50 to 200 SSU (ISO Grade 7 to 46) at 100°F
- maximum operating conditions:
 - transparent bowl: **150 PSI** and **125°F**
 - metal bowl: **250 PSI** and **175°F**

Compact

Port Size	Flow (SCFM)	Transparent Bowl		Metal Bowl	
		Part #	Price/E	Part #	Price/E
1/4"	70	L73M-2	\$146.30	L73M-2MB	\$154.45
3/8"	70	L73M-3	146.30	L73M-3MB	154.45
1/2"	70	L73M-4	144.75	L73M-4MB	154.45



with transparent bowl



See pages 265-266 for lubricator accessories. See page 156 for air tool lubricant.



FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings given at 90 PSIG inlet pressure.

Series 1 Micro-Fog Lubricators

Applications:

- Micro-fog lubricators, identified by a red adjusting screw, are used for applications containing one or more points of lubrication, cylinders and multiple or single tools.
- Air flow through the lubricator lifts oil from the reservoir to the sight-feed dome. Oil is dropped into the fog generator and atomized into a fine mist. Lightweight particles are delivered downstream for lubrication. Heavier particles fall back into the reservoir.
- The micro-fog lubricator delivers 10% of the oil drops visible through the transparent sight-feed dome.



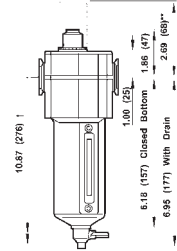
• *Micro-fog lubricators cannot be filled under pressure.*

Features:

- 7 oz. reservoir
- in-line or modular installation
- quick release bayonet bowl
- micro-fog design delivers aerosol mist
- recommended lubricants: misting type oil rated 50 to 200 SSU (ISO Grade 7 to 46) at 100°F
- maximum operating conditions:
 - transparent bowl: **150 PSI** and **125°F**
 - metal bowl: **250 PSI** and **175°F**

Standard

Port Size	Flow (SCFM)	Transparent Bowl		Metal Bowl	
		Part #	Price/E	Part #	Price/E
3/8"	114	L74M-3	\$185.15	L74M-3MB	\$190.20
1/2"	154	L74M-4	182.60	L74M-4MB	186.55
3/4"	142	L74M-6	183.40	L74M-6MB	186.55



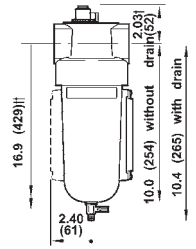
** Optional pyrex sight-feed dome.
† Minimum clearance required to remove bowl.

Features:

- 1 qt. reservoir
- oil level sight gauge
- one turn threaded bowl attachment permits easy maintenance
- inlet pressure: **250 PSI**
- maximum temperature: **175°F**

Jumbo

Port Size	Flow (SCFM)	Metal Bowl with Sight Glass	
		Part #	Price/E
3/4"	160	L17-600A	\$376.50
1"	275	L17-800A	371.10
1 1/4"	275	L17-A00A	446.10
1 1/2"	275	L17-B00A	440.55



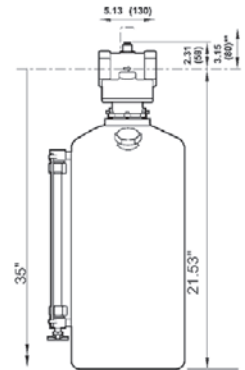
1 quart US (1 liter) reservoir
1/4 turn drain

Features:

- 2 gallon reservoir
- oil flow can be positively set
- reservoir is ASME constructed
- inlet pressure: **250 PSI**
- maximum temperature: **175°F**
- oil level sight gauge

Jumbo General Purpose (Oil-Fog Only)

Port Size	Flow (SCFM)	Metal Bowl with Sight Glass	
		Part #	Price/E
2"	1000	10-076-004	\$6183.05



2 and 5 gallon (8 and 28 liter) reservoir
** Optional pyrex sight-feed dome.
† Minimum clearance required to remove bowl.

See pages 265-266 for lubricator accessories.
See page 156 for air tool lubricant.



FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings given at 90 PSIG inlet pressure.

Series 1 Micro-Fog Lubricator with High Pressure Sight Feed Dome

Application:

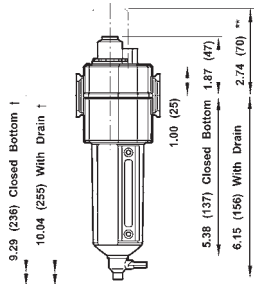
- Designed for use with alcohol or other anti-freeze agents when units are installed in cold temperature environments.
- Micro-fog lubricators are used for applications containing one or more points of lubrication, cylinders and multiple or single tools.
- Air flow through the lubricator lifts oil from the reservoir to the sight-feed dome. Oil is dropped into the fog generator and atomized into a fine mist. Lightweight particles are delivered downstream for lubrication. Heavier particles fall back into the reservoir.

Features:

- high pressure sight feed dome with aluminum case and fluorocarbon O-rings and seals; high pressure sight glass on bowls and metal petcock drain
- The micro-fog lubricator delivers 10% of the oil drops visible through the transparent sight-feed dome.



• *Micro-fog lubricators cannot be filled under pressure.*



Features:

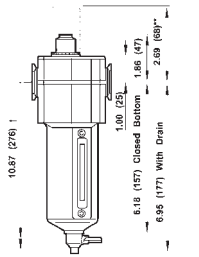
- 4 oz. reservoir
- in-line or modular installation
- quick release bayonet bowl
- micro-fog design delivers aerosol mist
- recommended lubricants: misting type oil rated 50 to 200 SSU (ISO Grade 7 to 46) at 100°F
- inlet pressure: **250 PSI**
- maximum temperature: **175°F**

Compact

Port Size	Flow (SCFM)	Metal Bowl with Sight Glass	
		Part #	Price/E
1/4"	60	L73M-2MBPX	\$275.30
3/8"	60	L73M-3MBPX	295.15
1/2"	60	L73M-4MBPX	297.95



metal bowl



** Optional pyrex sight-feed dome.
 † Minimum clearance required to remove bowl.

Features:

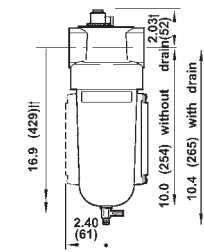
- 7 oz. reservoir
- in-line or modular installation
- quick release bayonet bowl
- micro-fog design delivers aerosol mist
- recommended lubricants: misting type oil rated 50 to 200 SSU (ISO Grade 7 to 46) at 100°F
- inlet pressure: **250 PSI**
- maximum temperature: **175°F**

Standard

Port Size	Flow (SCFM)	Metal Bowl with Sight Glass	
		Part #	Price/E
3/8"	114	L74M-3MBPX	\$363.95
1/2"	154	L74M-4MBPX	363.95
3/4"	142	L74M-6MBPX	314.30



metal bowl



1 quart US (1 liter) reservoir
 1/4 turn drain

Features:

- 1 qt. reservoir
- oil level sight gauge
- particle removal per ISO 8573-1, class 5 and class 3
- one turn threaded bowl attachment permits easy maintenance
- inlet pressure: **250 PSI**
- maximum temperature: **175°F**

Jumbo

Port Size	Flow (SCFM)	Metal Bowl with Sight Glass	
		Part #	Price/E
1"	275	L17-800APX	\$415.70



metal bowl

See pages 265-266 for lubricator accessories. See page 156 for air tool lubricant.



FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings given at 90 PSIG inlet pressure.

Series 1 Oil-Fog Lubricators

Applications:

- Oil-fog lubricators, identified by a green adjusting screw, are used for lubricating a single air tool or air motor and should be installed as near the device as possible.

Features:

- all the oil visible dropping through the transparent sight-feed dome goes to the airstream
- L72C, L73C and L74C OIL-FOG lubricators can be filled under pressure
- in-line or modular installation
- quick release bayonet bowl
- can be filled under pressure
- recommended lubricants: misting type oil rated 50 to 200 SSU (ISO Grade 7 to 46) at 100°F
- maximum operating conditions:
 - transparent bowl: **150 PSI** and **125°F**
 - metal bowl: **250 PSI** and **175°F**

F



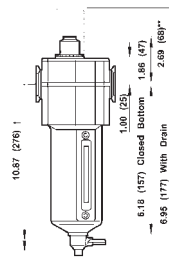
metal bowl

Features:

- 7 oz. reservoir

Standard

Port Size	Flow (SCFM)	Transparent Bowl		Metal Bowl	
		Part #	Price/E	Part #	Price/E
3/8"	118	L74C-3	\$186.95	L74C-3MB	\$190.20
1/2"	192	L74C-4	185.15	L74C-4MB	187.45
3/4"	186	L74C-6	185.15	L74C-6MB	190.20



** Optional pyrex sight-feed dome.
† Minimum clearance required to remove bowl.

See pages 265-266 for lubricator accessories. See page 156 for air tool lubricant.



FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings given at 90 PSIG inlet pressure.

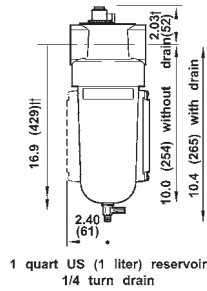
Series 1 Oil-Fog Lubricators

Application:

- Oil-fog lubricators, identified by a green adjusting screw, are used for lubricating a single air tool or air motor and should be installed as close to the device as possible.

Feature:

- All the oil visible dropping through the transparent sight-feed dome goes to the airstream.



Features:

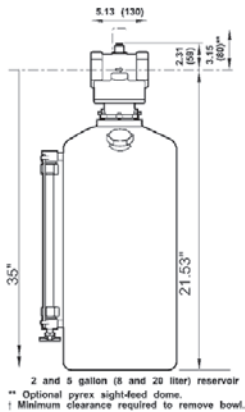
- 1 qt. reservoir
- oil level sight gauge
- one turn threaded bowl attachment permits easy maintenance
- inlet pressure: **250 PSI**
- maximum temperature: **175°F**

Jumbo

Port Size	Flow (SCFM)	Metal Bowl with Sight Glass	
		Part #	Price/E
3/4"	160	L17-600D	\$376.50
1"	275	L17-800D	376.50
1 1/2"	275	L17-B00D	440.55



metal bowl



Features:

- 2 gallon reservoir
- oil flow can be positively set
- reservoir is ASME construction
- inlet pressure: **250 PSI**
- maximum temperature: **175°F**
- oil level sight gauge
- cannot be filled under pressure* ⚠

Jumbo General Purpose (Oil-Fog Only)

Port Size	Flow (SCFM)	Metal Bowl with Sight Glass	
		Part #	Price/E
2"	1000	10-076-004	\$6183.05



metal bowl

See pages 265-266 for lubricator accessories. See page 156 for air tool lubricant.

⚠ FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings given at 90 PSIG inlet pressure.

Series 1 Combination Units

Applications:

- Units are intended for use in industrial compressed air systems only; not for use with fluids. Units must not be used where pressure or temperature may exceed maximum rated operating conditions.
- Combination Units are supplied with micro-fog lubricators.
- The polycarbonated plastic bowls used on these units can be damaged and possibly burst if exposed to such substances as certain solvents, strong alkalis, compressor oils that contain ester-based additives or synthetic oils. Fumes of these substances in contact with the polycarbonate bowl, externally or internally, can also result in damage. Use metal bowl in applications where a plastic bowl might be exposed to substances that are incompatible with polycarbonates. Clean with warm water only.



F



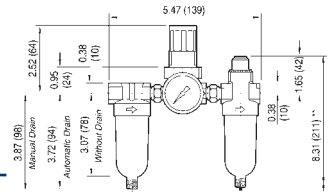
transparent bowls

Features:

- pressure range 5-125 PSI
- 1 oz. reservoir
- inlet pressure **150 PSI** maximum
- maximum temperature: **125°F**
- supplied with a GC620 gauge

Miniature Combination Units with Transparent Bowl

Port Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/8"	14	P1A-100A	\$271.05	P1A-100M	\$260.95
1/4"	14	P1A-200A	268.20	P1A-200M	261.55



** minimum clearance required to remove bowl

Features:

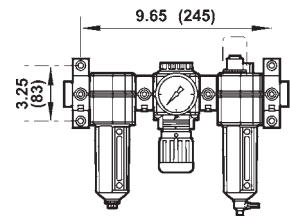
- 5-150 PSI range
- 4 oz. reservoir
- inlet pressure:
 - transparent bowl: **150 PSI** and **125°F**
 - metal bowl: **250 PSI** and **175°F**
- supplied with a G230 gauge
- connected modularly
- Includes 2 clamps and wall mounting brackets # 4314-52, 2 clamps # 4314-51 and 2 NPT pipe adapters #4315-01. See modular components on pages 262, 264 and 266 for other options.



metal bowls

Compact Combination Unit with Transparent Bowl

Port Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/4"	70	E73-2A	\$663.65	E73-2M	\$586.90
3/8"	70	E73-3A	662.00	E73-3M	585.25
1/2"	70	E73-4A	661.10	E73-4M	585.60



Compact Combination Unit with Metal Bowl

Port Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
3/8"	70	E73-3A-MB	\$680.20	E73-3M-MB	\$603.40
1/2"	70	E73-4A-MB	682.20	E73-4M-MB	604.75



FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings given at 90 PSIG inlet pressure.

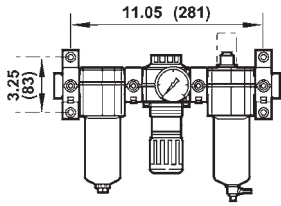
Series 1 Combination Units

Features:

- pressure range 5-150 PSI
- 7 oz. reservoir
- inlet pressure:
 - transparent bowl: **150 PSI** and **125°F**
 - metal bowl: **250 PSI** and **175°F**
- models supplied with a GC230 gauge
- connected modularly
- Includes 2 clamps and wall mounting brackets # 4314-52, 2 clamps # 4314-51 and 2 NPT pipe adapters. See modular components on pages 262, 263 and 265 for other options.

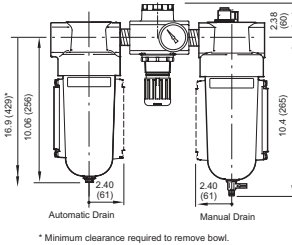
Standard Combination Unit with Transparent Bowl and Guard

Port Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/2"	150	E74-4A	\$800.40	E74-4M	\$727.05
3/4"	140	E74-6A	801.40	E74-6M	723.00



Standard Combination Unit with Metal Bowl and Sight Glass

Port Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
3/8"	110	E74-3A-MB	\$817.45	E74-3M-MB	\$742.10
1/2"	150	E74-4A-MB	810.25	E74-4M-MB	735.15
3/4"	140	E74-6A-MB	808.10	E74-6M-MB	733.85



Features:

- pressure range 5-125 PSI
- 1 qt. reservoir
- inlet pressure: **250 PSI**
- maximum temperature: **175°F**

Jumbo Combination Unit with Metal Bowl and Sight Glass

Port Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1"	275	P8A-860A	\$1159.90	P8A-860M	\$1082.90

Desiccant Compressed Air Dryers

Applications:

- Compressed air dryers help to eliminate condensation at the point of use. A replaceable element filters outlet air to help prevent desiccant dust migration downstream.
- Silica gel desiccant changes color from blue to pink when desiccant replacement is needed. Desiccant can be dried and reused by heating to 275°F, or replaced. Moisture indicator on top of body.
- An after filter should be placed downstream from the desiccant dryer to ensure solid contaminants such as desiccant dust do not migrate downstream.

Features:

- in-line or modular installation
- 1.25 lb. bowl capacity
- quick release bayonet bowl

7 oz. reservoir features:

- uses 1 gel packet
- nominal air drying capacity 750 cubic feet at 100 PSI and 77°F
- maximum inlet pressure: **150 PSI**
- maximum temperature: **175°F**

1 qt. reservoir features:

- uses 5 gel packets
- nominal air drying capacity 6000 cubic feet at 100 PSI and 77°F
- maximum inlet pressure: **250 PSI**
- maximum temperature: **175°F**

Sub-Compact

Reservoir Size	Flow (SCFM)	Metal Bowl with Guard	
		Part #	Price/E
1 qt.	10	W74D-2A-MB32	\$582.30

See page 261 for silica gel refills.



FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings given at 90 PSIG inlet pressure.

Series 1 Drip Leg Automatic Drain

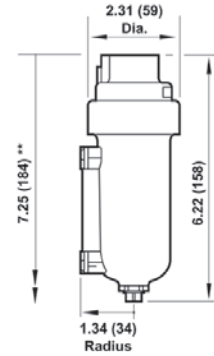
**Application:**

- Used in compressed air systems to automatically expel liquids from piping systems. Installed at low points in piping and at end of pipe network where water is likely to accumulate.

Features:

- metal bowl
- drain is ported to 1/8" NPT
- inlet pressure: **250 PSIG**
- maximum temperature: **175°F**

Port Size	Part #	Price/E
1/2"	17-016-107	\$306.50



** Minimum clearance to remove bowl.

Hex Nipples

Feature:

- ref SAE 130137



NPTF Thread	Brass Part #	Price/E	Opt Qty
1/8" x 1/8"	BCN12	\$2.53	100
1/4" x 1/4"	BCN25	2.81	100
3/8" x 3/8"	BCN37	4.09	50
1/2" x 1/2"	BCN50	5.70	25
3/4" x 3/4"	BCN75	7.50	20
1" x 1"	BCN100	18.00	10

Close Nipples

Features:

- Stainless steel close nipples are available on page 742.
- Brass close nipples are available on pages 344 and 365.



Size	Carbon Steel Part #	Price/E	Opt Qty
1" x 1"	CN100	\$3.50	10
1 1/4" x 1 1/4"	CN125	4.40	10
1 1/2" x 1 1/2"	CN150	5.50	10
2" x 2"	CN200	7.45	10



Do not use pipe nipples as hose inserts.

Series 1 Filter Accessories

Elements

Used On	Description	Part #	Price/E
F07	5 micron	3652-11	\$27.10
F08	5 micron	3161-16	26.75
	40 micron	3161-18	26.75
F17	5 micron	5311-01	139.70
	25 micron	5311-02	139.70
	40 micron	5311-03	106.75
F18	5 micron	5882-11	379.60
	25 micron	5882-12	376.10
	50 micron	5882-13	376.10
F72	5 micron	5925-03	17.35
	40 micron	5925-02	14.45
F73	5 micron	4438-01	21.05
	40 micron	4438-03	20.85
F74	5 micron	4338-04	22.00
	40 micron	4338-05	17.60
F74C	oil removal filter	4344-01	117.65
F74H	oil removal filter	4344-02	174.40
F74V	vapor removal filter	4341-01	218.45

5 micron element
5925-03

F

Silica Gel Refills

Used On	Description	Part #	Price/E
W74D	5 silica gel refills, .25 lb. ea	4385-700	\$225.30

Bowls and Bowl Guards

Used On	Description	Part #	Price/E
F07	polycarbonate bowl with auto drain	3646-51	\$37.65
	polycarbonate bowl with manual drain	3646-53	25.60
F08	transparent bowl with manual drain	3776-50	97.90
F17	metal bowl with drain	5390-77	258.80
F72	transparent bowl with manual drain	4266-50RF	47.65
	transparent bowl with semi-automatic drain	4266-52RF	64.85
F73	transparent bowl with manual drain, ¼ turn	4425-50RF	69.30
	transparent bowl with auto drain	4425-51RF	176.20
F74	plastic bowl assembly with guard and ¼ turn manual drain	4325-51R	65.60
	plastic bowl assembly with guard and automatic drain	4325-52R	160.70

transparent bowl and guard
4325-51R

Auto and Manual Drains

Used On	Description	Part #	Price/E
F08, F17	auto drain	3000-10	\$84.95
	manual drain	619-50	15.85
	manual drain assembly	2796-52	84.95
F72, F73	auto drain	4000-51R	43.60
F74	auto drain	3000-10	84.95
F72, F73, F74	manual drain	619-50	15.85

auto drain
3000-10

Lens Kits

Used On	Description	Part #	Price/E
F72	liquid level lens kit	4380-020	\$22.70
F73	liquid level lens kit	4380-030	23.05
F74	high pressure dome sight glass kit	4380-051	35.60

liquid level lens kit
4380-030

Series 1 Filter Accessories

Indicator Conversion Kit



service life indicator

Features:

- allows addition of service life indicator in the field
- for general purpose and oil removal filters

Used On	Description	Part #	Price/E
F72, F73, F74	service life indicator	5797-50	\$81.05

Mounting Brackets

mounting bracket
6212-50

Used On	Description	Part #	Price/E
F07	mounting bracket only	5939-06	\$16.70
F17	mounting bracket kit for 3/4" and 1" ported units	6212-50	130.20

Wall Mounting Brackets

Features:

- alternate to quick-clamps and pipe adapters
- used to secure to a wall, machine panel or other flat surface
- Use close nipples on pages 344 and 742 to connect combination unit and then place in bracket.



4324-50

Used On	Description	Part #	Price/E
F72	wall mounting bracket for all F72 series	4224-50	\$22.70
F73	wall mounting bracket for all F73 series	4424-50	21.25
F74	wall mounting bracket for all F74 series	4324-50	28.40

Quick Clamps and Brackets

Features:

Quick-clamp

- provides modular installation capability
- flanges designated to slide into V grooves in clamp
- face-sealing O-rings provide a positive seal when clamp is closed and screw tightened

Bracket for quick-clamp

- provides secure mounting to a wall, machine panel or other flat surface



quick-clamp



bracket



quick-clamp with bracket

Used On	Description	Part #	Price/E
F72	quick-clamp	4214-51	\$20.40
	quick-clamp service kit (2 O-rings)	4384-570	14.45
	quick-clamp and bracket assembly	4214-52	26.35
F73, F74	quick-clamp	4314-51	21.30
	quick-clamp service kit (2 O-rings)	4384-770	15.95
	wall bracket for quick-clamp (uses 7/32" screws)	4313-50	17.30
	quick-clamp and bracket assembly	4314-52	32.55

Blocks

Features:

- installed with quick-clamps
- provides additional outlets and manifolding capability



porting block



manifold block

Used On	Description	Part #	Price/E
F73, F74	porting block, three 1/4" PTF outlets	4316-50	\$44.35
	manifold block, three 3/4" PTF outlets	4328-50	88.10

Adapters

Features:

- installed with quick-clamps
- provides PTF connections to system piping
- sold individually



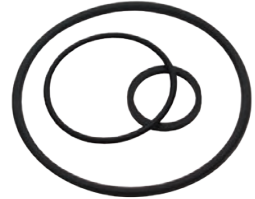
pipe adapters

Used On	Description	Part #	Price/E
F72	1/4" PTF connections	4215-02	\$35.70
	3/8" PTF connections	4215-03	23.35
F73, F74	1/4" PTF connections	4315-01	30.40
	3/8" PTF connections	4315-02	29.80
	1/2" PTF connections	4315-03	31.25
	3/4" PTF connections	4315-04	29.80

Series 1 Filter Accessories

Service Kits

Used On	Description	Part #	Price/E
F17	O-rings, seals, and gaskets	5578-05	\$38.95
F18		5945-50	48.10
F73		4380-600	14.65
F74		4380-700	15.65



4380-700

Series 1 Regulator Accessories

Replacement Springs

Used On	Pressure Ratings	Part #	Price/E
R74	5-60 PSI	4332-01	\$15.50
	5-150 PSI	4332-02	15.50



4432-02

Tamper Resistant Cover and Seal Wire

Features:

- helps prevent unauthorized pressure adjustment setting
- cover can be locked in place with up to four padlocks
- installs on adjusting knob

Used On	Description	Part #	Price/E
R72	tamper proof kit	4255-51	\$19.00
R73	tamper proof kit	4455-51	25.00
R74	tamper proof kit	4355-51	24.75



tamper resistant cover

Panel Nuts

Used On	Description	Part #	Price/E
R07	plastic panel nut	2962-89	\$9.25
R08	plastic panel nut	5191-89	18.50
R17	metal panel nut	5226-97	39.50
R72	plastic panel nut	4248-89	11.60
R73	zinc panel nut	5191-88	13.35
R74	zinc panel nut	4348-89	11.55



panel nut

Repair Kits

Used On	Description	Part #	Price/E
R07	diaphragm, relieving	3407-02	\$32.75
R08		5298-14	81.20
R11		529-03	128.80
R17		5578-02	113.10
R72		4381-500	28.00
R73		4381-600	42.35
R74		4381-700	48.50



3407-02



4381-700

F

Series 1 Regulator Accessories



18-025-003



5203-06



4324-50

Mounting Brackets

Used On	Description	Part #	Price/E
R07	mounting bracket with plastic panel nut	18-025-003	\$19.85
R08	mounting bracket with plastic panel nut	5203-06	37.10
R17	mounting bracket with plastic panel nut	5570-04	50.40

Wall Mounting Brackets

Features:

- alternate to quick-clamps and pipe adapters
- used to secure to a wall, machine panel or other flat surface
- Use close nipples to connect combination unit and then place in bracket.

Used On	Description	Part #	Price/E
R72	wall mounting bracket	4224-50	\$22.70
R73	wall mounting bracket	4424-50	21.25
R74	wall mounting bracket	4324-50	28.40

Quick Clamps and Brackets

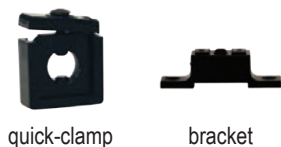
Features:

Quick-clamp

- provides modular installation capability
- flanges designated to slide into V grooves in clamp
- face-sealing O-rings provide a positive seal when clamp is closed and screw tightened

Bracket for quick-clamp

- provides secure mounting to a wall, machine panel or other flat surface



quick-clamp

bracket



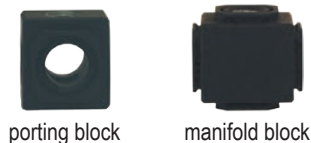
quick-clamp with bracket

Used On	Description	Part #	Price/E
R72	quick-clamp	4214-51	\$20.40
	quick-clamp service kit (2 O-rings)	4384-570	14.45
	quick-clamp and bracket assembly	4214-52	26.35
R73, R74	quick-clamp	4314-51	21.30
	quick-clamp service kit (2 O-rings)	4384-770	15.95
	wall bracket for quick-clamp (uses 7/32" screws)	4313-50	17.30
	quick-clamp and bracket assembly	4314-52	32.55

Blocks

Features:

- installed with quick-clamps
- provides additional outlets and manifolding capability



porting block

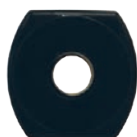
manifold block

Used On	Description	Part #	Price/E
R73, R74	porting block, three 1/4" PTF outlets	4316-50	\$44.35
	manifold block, three 3/4" PTF outlets	4328-50	88.10

Adapters

Features:

- installed with quick-clamps
- provides PTF connections to system piping
- sold individually



pipe adapter

Used On	Description	Part #	Price/E
R72	1/4" PTF connections	4215-02	\$35.70
	3/8" PTF connections	4215-03	23.35
R73, R74	1/4" PTF connections	4315-01	30.40
	3/8" PTF connections	4315-02	29.80
	1/2" PTF connections	4315-03	31.25
	3/4" PTF connections	4315-04	29.80

see page 276 for replacement gauges

Series 1 Lubricator Accessories

Bowls and Bowl Guards

Used On	Description	Part #	Price/E
L07	polycarbonate bowl with manual drain	3646-54	\$23.00
L73	transparent bowl with manual drain	4425-50RL	78.75
L74	metal bowl with Pyrex® liquid level indicator and ¼ turn manual drain	4303-77R	140.35
	transparent bowl with manual drain	4325-50R	66.25



3646-54

Auto and Manual Drain

Used On	Description	Part #	Price/E
L08, L17	manual drain assembly	2796-52	\$18.80
L08, L17	manual drain	619-50	15.85



2796-52

Seal Wire

Features:

- provides tamper resistant protection of the lubricator drip rate setting

Used On	Description	Part #	Price/E
L73, L74	metal wire	2117-01	\$16.85



seal wire

Domes, Caps and Plugs

Used On	Description	Part #	Price/E
L08	quick fill cap	18-011-024	\$33.00
L17, L74	quick fill cap	18-011-021	46.70
L73, L74	aluminum fill plug	5301-55	15.25
L17, L72, L74, L73	sight feed dome (micro-fogging design)	4055-50	32.70
	sight feed dome (oil-fogging design)	4055-51	32.50
L72, L74	high pressure sight feed dome	5605-50	185.20
L74	liquid level indicator repair kit	4380-050	35.85



18-011-021



5605-50

Seal Kits

Used On	Description	Part #	Price/E
L17	O-rings, seals, and gaskets	5771-02	\$16.25
L73	O-rings, seals, and gaskets	4382-600	16.80
L74	O-rings, seals, and gaskets	4382-700	14.45



5771-02

Mounting Brackets

Used On	Description	Part #	Price/E
L07	mounting bracket only	5095-17	\$17.40
L17	mounting bracket kit for ¾" and 1" ported units	6212-50	130.20

mounting bracket
6212-50

Series 1 Lubricator Accessories

Wall Mounting Brackets

Application:

- alternative to quick-clamps and pipe adapters
- used to secure to a wall, machine panel or other flat surface
- Use close nipples to connect combination unit and then place in bracket.



4324-50

Used On	Description	Part #	Price/E
L72	wall mounting bracket for all L72 series	4224-50	\$22.70
L73	wall mounting bracket for all L73 series	4424-50	21.25
L74	wall mounting bracket for L74 series	4324-50	28.40

Quick Clamps and Brackets

Features:

Quick-clamp

- provides modular installation capability
- flanges designated to slide into V grooves in clamp
- face-sealing O-rings provide a positive seal when clamp is closed and screw tightened

Bracket for quick-clamp

- provides secure mounting to a wall, machine panel or other flat surface



quick-clamp



bracket



quick-clamp with bracket

Used On	Description	Part #	Price/E
L72	quick-clamp	4214-51	\$20.40
	quick-clamp service kit (2 O-rings)	4384-570	14.45
	quick-clamp and bracket assembly	4214-52	26.35
L73, L74	quick-clamp	4314-51	21.30
	quick-clamp service kit (2 O-rings)	4384-770	15.95
	wall bracket for quick-clamp (uses 7/32" screws)	4313-50	17.30
	quick-clamp and bracket assembly	4314-52	32.55

Blocks

Features:

- installed with quick-clamps
- provides additional outlets and manifolding capability



porting block



manifold block

Used On	Description	Part #	Price/E
L73, L74	porting block, three 1/4" PTF outlets	4316-50	\$44.35
	manifold block, three 1/4" PTF outlets	4328-50	88.10

Adapters

Features:

- installed with quick-clamps
- provides PTF connections to system piping
- sold individually



pipe adapter

Used On	Description	Part #	Price/E
L72	1/4" PTF connections	4215-02	\$35.70
	3/8" PTF connections	4215-03	23.35
L73, L74	1/4" PTF connections	4315-01	30.40
	3/8" PTF connections	4315-02	29.80
	1/2" PTF connections	4315-03	31.25
	3/4" PTF connections	4315-04	29.80

Series 1 Filter/Regulator Accessories

Bowls and Bowl Guards

Used On	Description	Part #	Price/E
B74	transparent bowl with manual drain	4325-51R	\$65.60
	transparent bowl with auto drain	4325-52R	160.70



4325-51R

F

Tamper Resistant Cover and Seal Wire

Features:

- helps prevent unauthorized pressure setting adjustment
- cover can be locked in place with up to four padlocks
- installs on adjusting knob

Used On	Description	Part #	Price/E
B72	tamper proof kit	4255-51	\$19.00
B73	tamper proof kit	4455-51	25.00
B74	tamper proof kit	4355-51	24.75



tamper resistant cover

Panel Nuts

Used On	Description	Part #	Price/E
B08	plastic panel nut	5191-89	\$18.50
B72	plastic panel nut	4248-89	11.60
B73	zinc panel nut	5191-88	13.35
B74	zinc panel nut	4348-89	11.55



panel nut

Mounting Brackets

Used On	Description	Part #	Price/E
B07	mounting bracket	18-025-003	\$19.85
B08	mounting bracket kit	5203-06	37.10



18-025-003

See page 276 for replacement gauges.

Watts Filters

F

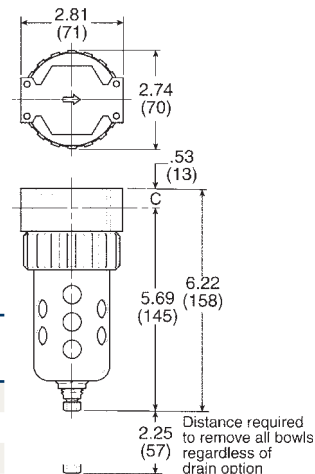


Features:

- 40 micron polypropylene element
- 4.4 oz. bowl
- zinc body
- maximum operating:
 - temperature range: **40°F** (4.4°C) to **125°F** (52°C)
 - maximum pressure: **150 PSIG** (10.2 bar)

Compact Polycarbonate Bowl with Metal Bowl Guard

Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/4"	53	F602-02BJR	\$184.15	F602-02BJ	\$121.75
3/8"	80	F602-03BJR	184.15	F602-03BJ	121.75
1/2"	85	F602-04BJR	184.15	F602-04BJ	121.75



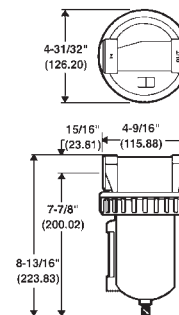
Features:

- 40 micron polypropylene element
- 16 oz. bowl
- zinc body
- automatic drain operating conditions:
 - temperature range: **40°F** (4.4°C) to **120°F** (48.9°C)
 - maximum operating: **175 PSIG** (12 bar)
- manual drain operating conditions:
 - temperature range: **40°F** (4.4°C) to **150°F** (65.6°C)
 - maximum operating: **250 PSIG** (17 bar)



Standard Zinc Bowl with Sight Glass

Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
3/4"	270	F602-06WJR	\$388.15	F602-06WJ	\$325.75
1"	300	F602-08WJR	388.15	F602-08WJ	325.75



See page 273 for filter accessories.

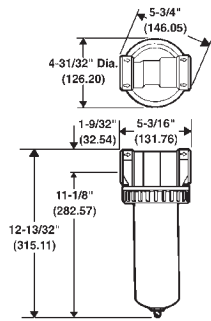
FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings given at 150 PSIG inlet pressure.

Watts Filters

Features:

- 40 micron polypropylene element
- 16 oz. bowl
- zinc body
- automatic drain operating conditions:
 - temperature range: **40°F** (4.4°C) to **120°F** (48.9°C)
 - pressure: **175 PSIG** (12 bar) maximum
- manual drain operating conditions:
 - temperature range: **40°F** (4.4°C) to **150°F** (65.6°C)
 - pressure: **250 PSIG** (17 bar) maximum



Standard Zinc Bowl with Sight Glass

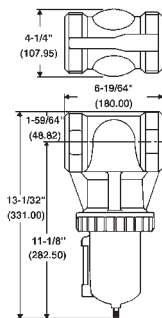
Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/2"	450	F602-12WJR	\$454.55	F602-12WJ	\$392.15



F

Features:

- 40 micron polypropylene element
- 26 oz. bowl
- aluminum body
- automatic drain operating conditions:
 - temperature range: **40°F** (4.4°C) to **120°F** (48.9°C)
 - maximum operating pressure: **175 PSIG** (12 bar)
- manual drain operating conditions:
 - temperature range: **40°F** (4.4°C) to **150°F** (65.6°C)
 - maximum operating pressure: **250 PSIG** (17 bar)



Standard Zinc Bowl with Sight Glass

Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
2"	1125	F602-16WJR	\$1298.55	F602-16WJ	\$1236.10

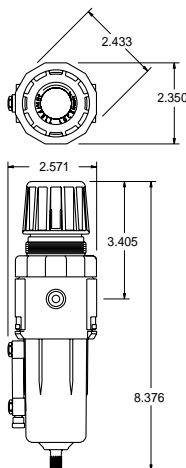


See page 273 for filter accessories.

Watts Filter / Regulator

Features:

- pressure range **2 - 125 PSIG** (.15 - 8.5 bar)
- temperature range: **40°F** (4.4°C) to **120°F** (48.9°C)
- 40 micron filter
- 4 oz. bowl
- zinc body
- relieving type
- diaphragm operated
- spring adjustment mechanism
- glass-filled acetal plastic spring cage
- tamper resistant, snap lock, removable knobs
- uses a GC230 gauge (not supplied)



Zinc Bowl with Sight Glass

Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/4"	60	B11-02WJCR	\$292.85	B11-02WJC	\$230.45
3/8"	70	B11-03WJCR	292.85	B11-03WJC	230.45
1/2"	80	B11-04WJCR	292.85	B11-04WJC	230.45



FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings given at 150 PSIG inlet pressure.

Watts Regulators

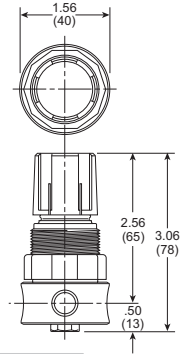
Features:

- pressure range **2 - 125 PSIG** (.15 - 8.5 bar)
- inlet pressure: **300 PSIG** (20.4 bar) maximum
- temperature range: **40°F** (4.4°C) to **120°F** (48.9°C)
- brass body
- relieving type
- diaphragm operated
- non-rising adjusting knob
- 1/8" gauge port



Mini

Size	Flow (SCFM)	With Gauge		Without Gauge	
		Part #	Price/E	Part #	Price/E
1/4"	10	R364-02CG	\$78.00	R364-02C	\$57.30



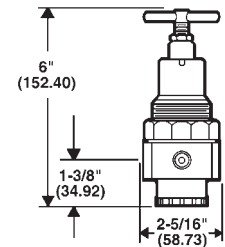
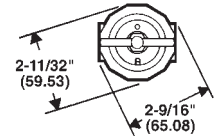
Features:

- pressure range **2 - 125 PSIG** (.15 - 8.5 bar)
- inlet pressure: **300 PSIG** (20.4 bar) maximum
- temperature range: **40°F** (4.4°C) to **120°F** (48.9°C)
- zinc body
- relieving type
- diaphragm operated
- spring adjustment mechanism
- t-handle design
- uses a GC230 gauge



Compact

Size	Flow (SCFM)	With Gauge		Without Gauge	
		Part #	Price/E	Part #	Price/E
1/4"	60	R11-02CG	\$129.40	R11-02C	\$108.70
3/8"	70	R11-03CG	129.40	R11-03C	108.70
1/2"	80	R11-04CG	129.40	R11-04C	108.70



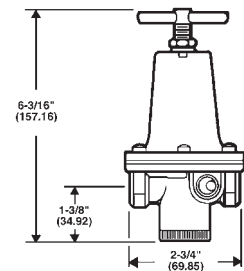
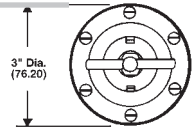
Features:

- pressure range **2 - 125 PSIG** (.15 - 8.5 bar)
- inlet pressure: **300 PSIG** (20.4 bar) maximum
- temperature range: **40°F** (4.4°C) to **120°F** (48.9°C)
- zinc body
- relieving type
- diaphragm operated
- spring adjustment mechanism
- t-handle design
- brass bottom plug
- aluminum spring cage
- uses a GC230 gauge



Standard

Size	Flow (SCFM)	With Gauge		Without Gauge	
		Part #	Price/E	Part #	Price/E
1/4"	60	R119-02CG	\$152.55	R119-02C	\$131.85
3/8"	80	R119-03CG	152.55	R119-03C	131.85
1/2"	100	R119-04CG	177.70	R119-04C	157.00



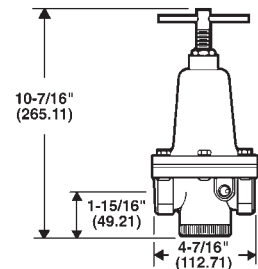
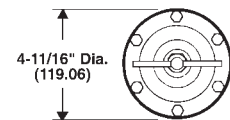
Features:

- pressure range **2 - 125 PSIG** (.15 - 8.5 bar)
- inlet pressure: **300 PSIG** (20.4 bar) maximum
- temperature range: **40°F** (4.4°C) to **120°F** (48.9°C)
- zinc body
- relieving type
- diaphragm operated
- spring adjustment mechanism
- t-handle design
- acetal bottom plug
- aluminum spring cage
- uses a GC230 gauge



Standard

Size	Flow (SCFM)	With Gauge		Without Gauge	
		Part #	Price/E	Part #	Price/E
3/4"	200	R119-06CG	\$277.20	R119-06C	\$256.50
1"	220	R119-08CG	277.20	R119-08C	256.50
1 1/2"	250	R119-12CG	344.00	R119-12C	323.30



See page 274 for regulator accessories.



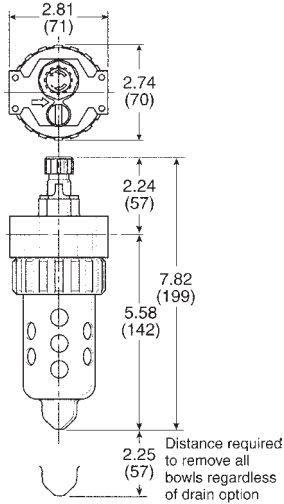
FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings given at 150 PSIG inlet pressure.

Watts Lubricators

General Features:

- general purpose use
- high performance over a very wide flow range
- 3/4", 1" and 1 1/2" are fillable while under pressure



Features:

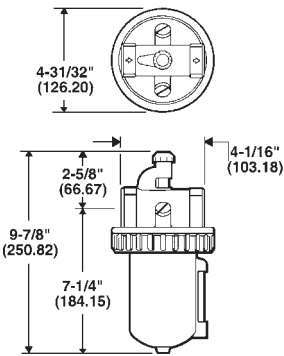
- 2.6 oz. bowl
- zinc body
- micromist
- maximum operating conditions:
 - temperature range: **40°F (4.4°C) to 125°F (52°C)**
 - maximum operating pressure: **150 PSIG (10.2 bar)**

Compact

Size	Flow (SCFM)	Polycarbonate Bowl with Metal Bowl Guard	
		Part #	Price/E
1/4"	40	L606-02B	\$147.80
3/8"	60	L606-03B	147.80
1/2"	90	L606-04B	147.80



F

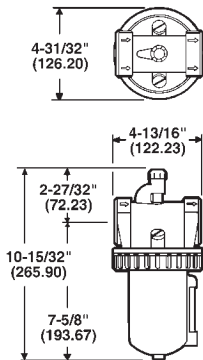


Features:

- 16 oz. bowl
- zinc body
- maximum operating conditions:
 - temperature range: **40°F (4.4°C) to 150°F (65.6°C)**
 - maximum operating pressure: **250 PSIG (17 bar)**

Standard

Size	Flow (SCFM)	Zinc Bowl with Sight Glass	
		Part #	Price/E
3/4"	275	L606-06W	\$333.80
1"	320	L606-08W	333.80



Features:

- 16 oz. bowl
- zinc body
- maximum operating conditions:
 - temperature range: **40°F (4.4°C) to 150°F (65.6°C)**
 - maximum operating pressure: **250 PSIG (17 bar)**

Standard

Size	Flow (SCFM)	Zinc Bowl with Sight Glass	
		Part #	Price/E
1 1/2"	550	L606-12W	\$397.50



See page 274 for lubricator accessories. See page 156 for air tool lubricant.

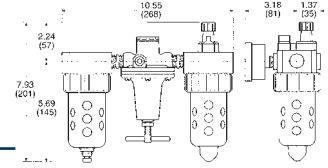
! FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings given at 150 PSIG inlet pressure.

Watts Combination Units

Features:

- 4.5 oz. bowl
- 40 micron polypropylene element
- zinc body
- maximum operating conditions:
 - temperature range: **40°F** (4.4°C) to **120°F** (48.9°C)
 - maximum operating pressure: **150 PSIG** (10.2 bar)

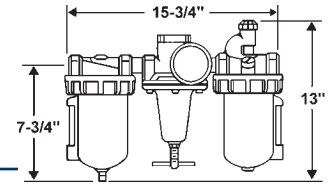


Compact Polycarbonate Bowl with Metal Bowl Guard

Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
¼"	40	C11-02A	\$507.10	C11-02M	\$444.70
⅜"	60	C11-03A	509.80	C11-03M	447.40
½"	85	C119-04A	561.25	C119-04M	498.85

Features:

- 16 oz. bowl
- 40 micron polypropylene element
- zinc body
- maximum operating conditions:
 - temperature range: **40°F** (4.4°C) to **150°F** (65.6°C)
 - maximum operating pressure: **250 PSIG** (17 bar)

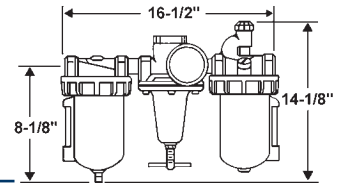


Standard Zinc Bowl with Sight Glass

Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
¾"	275	C119-06AMB	\$1054.15	C119-06MMB	\$991.75
1"	320	C119-08AMB	1046.15	C119-08MMB	983.75

Features:

- 16 oz. bowl
- 40 micron polypropylene element
- zinc body
- maximum operating conditions:
 - temperature range: **40°F** (4.4°C) to **150°F** (65.6°C)
 - maximum operating pressure: **250 PSIG** (17 bar)



Standard Zinc Bowl with Sight Glass

Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1½"	550	C119-12AMB	\$1247.05	C119-12MMB	\$1184.65



FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings given at 150 PSIG inlet pressure.

Watts Filter Accessories

Elements

Used On	Description	Part #	Price/E
F602-02, F602-03, F602-04	40 micron	PS701 NEW	\$39.90
F602-06, F602-08, F602-12	5 micron	EK602VB	78.35
F602-06, F602-08, F602-12	40 micron	EK602B	78.35
F602-16	40 micron	EK602G	92.55



F

Bowls and Sight Glass Repair Kit **NEW**

Used On	Description	Part #	Price/E
F602-02 F602-03 F602-04	polycarbonate bowl with twist drain	PS732	\$52.20

Auto and Manual Drains **NEW**

Used On	Description	Part #	Price/E
F602	auto float drain	PS506	\$98.65
F602	twist drain	PS512	14.85

twist drain
PS512

Accessories

Used On	Description	Part #	Price/E
F602 F603 F604	mounting bracket	PS743 NEW	\$23.60
F602 ¾"	mounting bracket (2 required)	SA200AW57	31.65
F602 1"	mounting bracket (2 required)	SA200CW57	31.65

mounting bracket
SA200AW57

Watts Regulator Accessories

Repair Kits



Used On	Description	Part #	Price/E
R11	relieving diaphragm, valve assembly	RKR10Y	\$48.85
R119-02		RK119Y	52.65
R119-03		RK119A	64.95
R119-04			
R119-06		RK119B	116.30
R119-08		RK119D	120.15
R119-12			
R364-02	RKR164Y	34.65	

Accessories



Used On	Description	Part #	Price/E
R11	mounting bracket with panel nut	SAR10Y57	\$16.80
R119-02	mounting bracket	SA15Y57	18.50
R119-03			
R119-04	mounting bracket	18A57	21.45
R119-06	mounting bracket	18B57	54.35
R119-08			
R119-12			
R364-02	mounting bracket with panel nut	SA161X57	15.95

Watts Lubricator Accessories

Sight Glass Repair Kit



Used On	Description	Part #	Price/E
L606-06	sight glass	RKB605WB	\$27.20
L606-08			
L606-12			

Accessories



Used On	Description	Part #	Price/E
L606-02	mounting bracket	PS743	\$23.60
L606-03			
L606-04			
L606-06	mounting bracket (2 required)	SA200AW57	31.65
L606-08	mounting bracket (2 required)	SA200CW57	31.65

Dixon™ Gauges

Applications:

- All of the gauges supplied by Dixon™ are designed for long, reliable service under rugged conditions. Typical applications include those on pumps, hydraulic and pneumatic systems, compressors, machine tools and many other installations where it is necessary to have a gauge with a non-corrosive movement. The gauges available include standard dry and liquid-filled pressure gauges, compound pressure gauges, vacuum gauges and welding gauges. Materials available include brass, stainless steel and plastic.

Fig. Inter. - Figure Interval. (Increments between PSI numbers on gauge face.)

Grad. Inter. - Graduation Interval. (Fractional increments between PSI numbers on gauge face.)

Brass Standard Dry Gauges

Features:

- ASME B40.100 Grade B ($\pm 3/2/3\%$ accuracy)
- polished brass case and ring
- copper alloy bourdon tube
- dual PSI / kPa scale dial
- temperature range **-40°F to 140°F**

2½" face
¼" lower mount

PSI Range	Fig. Inter.	Grad. Inter.	Part #	Price/E
0-15	3	.2	GBR15	\$53.00
0-30	5	.5	GBR30	53.00
0-60	10	1	GBR60	53.00
0-100	20	2	GBR100	53.00
0-160	20	2	GBR160	53.00
0-200	50	5	GBR200	53.00
0-300	50	5	GBR300	53.00
0-400	100	10	GBR400	53.00
0-600	100	10	GBR600	53.00
0-1000	200	20	GBR1000	62.00
0-1500	300	20	GBR1500	62.00
0-2000	500	50	GBR2000	62.00
0-3000	500	50	GBR3000	62.00
0-5000	1000	100	GBR5000	67.00



F

Process Gauges

Applications:

- Specifically designed for process, chemical and petroleum industries. Process gauges are engineered to deliver years of accurate service while withstanding vibration, corrosive media and corrosive atmosphere.

Features:

- temperature range: dry **-40°F to 200°F** (-40°C to 93°C)
- case: black impact resistant thermoplastic, with safety blowout back, solid front, integral back flange (dry)
- ring: ethylene propylene
- wetted parts: 316L stainless steel
- window: polycarbonate
- dial: white aluminum
- pointer: black aluminum
- accuracy: $\pm 0.5\%$ ANSI/ASME Grade 2A
- scale: single scale PSI only

4½" face
½" lower mount

PSI Range	Fig. Inter.	Grad. Inter.	Part #	Price/E
0-30	5	.2	PGS30	\$177.60
0-60	10	.5	PGS60	177.60
0-100	10	1	PGS100	177.60
0-160	20	1	PGS160	177.60
0-200	20	2	PGS200	177.60
0-300	50	2	PGS300	177.60
0-600	10	5	PGS600	177.60
0-1000	100	10	PGS1000	177.60



ABS Standard Dry Gauges

Features:

- ASME B40.1, Grade B (± 3-2-3% accuracy)
- PowerFlex™ movement with polyester segment, designed to resist the effects of shock, vibration and pulsation.
- ABS plastic case, corrosion resistant
- c-shaped bronze safety bourdon tube (600 PSI and lower)
- helical wound bronze safety bourdon tube (1000 PSI and higher)
- polycarbonate window
- black aluminum pointer
- ambient temperature range: **-40°F to 150°F**

F

Center Back Mount



GC230

1½" face ⅛" center back mount

PSI Range	Fig. Inter.	Minor Grad.	Part #	Price/E
0-30	5	.5	GC605	\$16.70
0-60	5	1	GC610	16.70
0-100	10	2	GC615	16.70
0-160	20	5	GC620	16.70
0-200	20	5	GC625	16.70

2" face ¼" center back mount

PSI Range	Fig. Inter.	Minor Grad.	Part #	Price/E
0-15	1	.5	GC200	\$22.20
0-30	5	.5	GC215	20.70
0-60	5	1	GC220	20.70
0-100	10	2	GC225	20.70
0-160	20	5	GC230	20.70
0-200	20	5	GC235	20.70
0-300	30	5	GC240	20.70

Lower Mount



GL140

2" face ¼" lower mount

PSI Range	Fig. Inter.	Minor Grad.	Part #	Price/E
0-15	1	.5	GL100	\$19.20
0-30	5	.5	GL115	17.75
0-60	5	1	GL120	17.75
0-100	10	2	GL125	17.75
0-160	20	5	GL130	17.75
0-200	20	5	GL135	17.75
0-300	30	5	GL140	17.75

2½" face ¼" lower mount

PSI Range	Fig. Inter.	Minor Grad.	Part #	Price/E
0-15	1	.5	GL300	\$20.40
0-30	5	.5	GL320	18.95
0-60	5	1	GL325	18.95
0-100	10	2	GL330	18.95
0-160	20	5	GL335	18.95
0-200	20	5	GL340	18.95
0-300	30	5	GL345	18.95
0-400	50	10	GL347	18.95
0-600	50	10	GL350	18.95
0-1000	200	20	GL355	28.10
0-1500	300	50	GL360	28.10
0-2000	400	50	GL365	28.10
0-3000	500	100	GL370	28.10
0-5000	1000	100	GL375	28.10

3½" face ¼" lower mount

PSI	Fig. Inter.	Minor Grad.	Part #	Price/E
0-15	1	.5	GS15-4	\$28.10
0-30	5	.5	GS30-4	26.60
0-60	5	1	GS60-4	26.60
0-100	10	2	GS100-4	26.60
0-160	20	5	GS160-4	26.60
0-200	20	5	GS200-4	26.60
0-300	30	5	GS300-4	26.60
0-400	50	10	GS400-4	26.60
0-600	50	10	GS600-4	26.60
0-1000	200	20	GS1000-4	36.95

Contractor Pressure Gauges

Features:

- accuracy class: $\pm 1\%$ of span
- wetted parts: copper alloy
- window: acrylic, snap in
- dial: aluminum, white

4½" face
¼" lower mount

PSI Range	Part #	Price/E
0-15	4277750-0001	\$71.60
0-30	4277768-0001	71.60
0-60	4277776-0003	71.60

- pointer: aluminum, black, adjustable
- mounting flanged/bracket; rear flange: stainless steel
- case: stainless steel



4277768-0001

FlutterGuard™ Dry Gauges

Features:

- FlutterGuard™ virtually eliminates pointer flutter, making the gauge easier to read and reducing excessive movement wear. Liquid-free casing results in lighter weight and eliminates the chance of gauge leakage.

2½" face
¼" lower mount

PSI Range	Fig. Inter.	Minor Grad.	Part #	Price/E
0-15	1	.5	GL300FG	\$22.20
0-30	5	.5	GL320FG	20.70
0-60	5	1	GL325FG	20.70
0-100	10	2	GL330FG	20.70
0-160	20	5	GL335FG	20.70
0-200	20	5	GL340FG	20.70
0-300	30	5	GL345FG	20.70
0-400	50	10	GL347FG	20.70
0-600	50	10	GL350FG	20.70
0-1000	200	20	GL355FG	29.85
0-1500	300	50	GL360FG	29.85
0-2000	400	50	GL365FG	29.85
0-3000	500	100	GL370FG	29.85
0-5000	1000	100	GL375FG	29.85

- ASME B40.1, Grade B ($\pm 3-2-3\%$ accuracy)
- ABS plastic case, corrosion resistant
- C-shaped bronze safety bourdon tube (600 PSI gauges and lower)
- helical wound bronze safety bourdon tube (1000 PSI gauges and higher)
- polycarbonate window
- black aluminum pointer
- PowerFlex™ movement with polyester segment, designed to resist the effects of shock, vibration and pulsation.
- ambient temperature range of **-40°F to 150°F**



GL350FG

Stainless Panel Builder Gauges

2½" face
¼" lower back mount

PSI Range	Fig. Inter.	Minor Grad.	Part #	Price/E
0-15	3	.2	PBLSS15	\$154.50
0-30	5	.5	PBLSS30	154.50
0-60	10	1	PBLSS60	154.50
0-100	20	2	PBLSS100	154.50
0-160	20	2	PBLSS160	154.50
0-200	50	5	PBLSS200	154.50
0-300	50	5	PBLSS300	154.50
0-400	100	10	PBLSS400	154.50
0-600	100	10	PBLSS600	154.50
0-800	200	20	PBLSS800	154.50
0-1000	200	20	PBLSS1000	154.50
0-1500	300	20	PBLSS1500	154.50
0-2000	500	50	PBLSS2000	154.50
0-3000	500	50	PBLSS3000	154.50
0-5000	1000	100	PBLSS5000	154.50

Applications:

- fits industry standard 2.56" panel hole cutout
- suitable for corrosive environments
- used in gaseous and liquid media

Features:

- ASME B40.100 Grade A $\pm 2/1/2\%$ full scale accuracy
- 316L stainless steel wetted parts
- 304 stainless steel case and ring
- white aluminum with black lettering; stop pin
- black aluminum pointer
- glycerin filled case
- laminated safety glass window lens
- ambient temperature range: **-4°F to 140°F**
- maximum media temperature **212°F** maximum



PBLSS200

Stainless Steel Dry Gauges

Applications:

- Stainless steel gauges provide the corrosion resistance and durability of a permanently sealed gauge. Designed for severe service applications.

2½" face

Features:

- ± 2-1-2% accuracy
- 304 stainless steel case and crimp ring
- polycarbonate window
- ¼" NPT lower mount stainless connector
- 316 stainless bourdon tube and socket
- ambient temperature range: -40°F to 140°F



GSS100

¼" lower mount

PSI Range	Fig. Inter.	Minor Grad.	Part #	Price/E
0-15	3	.2	GSS15	\$104.15
0-30	5	.5	GSS30	104.15
0-60	10	1	GSS60	104.15
0-100	20	2	GSS100	104.15
0-160	20	2	GSS160	104.15
0-200	50	5	GSS200	104.15
0-300	50	5	GSS300	104.15
0-400	100	10	GSS400	104.15
0-600	100	10	GSS600	104.15
0-1000	200	20	GSS1000	104.15
0-1500	300	20	GSS1500	115.30
0-2000	500	50	GSS2000	115.30
0-3000	500	50	GSS3000	115.30
0-5000	1000	100	GSS5000	115.30
0-10000	2000	200	GSS10000	119.00

4" face

Features:

- 1.6% accuracy, exceeds ASME B.40.100 Grade B
- 304 series stainless case
- polycarbonate window, 3½" across
- ¼" NPT lower mount stainless connector
- 316L stainless bourdon tube and socket, polyester segment
- temperature range: -40°F to 140°F



GSS160-4

¼" lower mount

PSI Range	Fig. Inter.	Minor Grad.	Part #	Price/E
0-15	3	.5	GSS15-4	\$164.00
0-30	5	.5	GSS30-4	164.00
0-60	10	1	GSS60-4	164.00
0-100	20	2	GSS100-4	164.00
0-160	20	2	GSS160-4	164.00
0-200	40	5	GSS200-4	164.00
0-300	50	5	GSS300-4	164.00
0-400	50	10	GSS400-4	164.00
0-600	100	10	GSS600-4	164.00
0-1000	200	10	GSS1000-4	164.00
0-1500	200	20	GSS1500-4	164.00
0-3000	500	50	GSS3000-4	164.00
0-5000	1000	100	GSS5000-4	164.00
0-10000	2000	200	GSS10000-4	179.50

Stainless Steel Liquid Filled Gauges

Applications:

Stainless steel gauges provides the corrosion resistance and durability of a permanently sealed gauge. Designed for severe service applications.

Features:

- ± 2-1-2% accuracy
- polycarbonate window
- ¼" NPT lower mount stainless connector
- 304 stainless case and crimp ring
- glycerin filled
- ambient temperature range: -4°F to 140°F



GLSS1500

2½" face

¼" lower mount

PSI Range	Fig. Inter.	Minor Grad.	Part #	Price/E
0-15	3	.2	GLSS15	\$112.40
0-30	5	.5	GLSS30	112.40
0-60	10	1	GLSS60	112.40
0-100	20	2	GLSS100	112.40
0-160	20	2	GLSS160	112.40
0-200	50	5	GLSS200	112.40
0-300	50	5	GLSS300	112.40
0-400	100	10	GLSS400	112.40
0-600	100	10	GLSS600	112.40
0-1000	200	20	GLSS1000	112.40
0-1500	300	20	GLSS1500	112.40
0-2000	500	50	GLSS2000	112.40
0-3000	500	50	GLSS3000	112.40
0-5000	1000	100	GLSS5000	112.40
0-10000	2000	200	GLSS10000	112.40

All Stainless Steel Liquid Filled Gauges

Applications:

- Stainless steel gauges provide the corrosion resistance and durability of a permanently sealed gauge. Designed for severe service applications.

Features:

- ± 2-1-2% accuracy
- polycarbonate window
- ¼" NPT center back mount stainless connector
- 304 stainless case and crimp ring
- glycerin filled
- ambient temperature range: -4°F to 140°F

2½" face
¼" center back mount

PSI Range	Fig. Inter.	Minor Grad.	Part #	Price/E
0-100	20	2	GLSSC100	\$151.00
0-160	20	2	GLSSC160	151.00
0-200	50	5	GLSSC200	151.00



F

Brass Liquid Filled Gauges

Features:

- ± 2-1-2% accuracy on 2½"; ±1% accuracy on 4"
- acrylic window with membrane assembly
- copper alloy bourdon tube
- brass movement with highly polished bearing surfaces
- glycerin filled
- 2½" face gauges: solid cast brass case with polished ABS cover ring
- 4" face gauges: cast brass, silver painted case with chrome plated brass cover ring
- ambient temperature range: -4°F to 140°F

2½" face
¼" lower mount

PSI Range	Fig. Inter.	Minor Grad.	Part #	Price/E
0-15	3	.2	GLBR15	\$116.50
0-30	5	.5	GLBR30	116.50
0-60	10	1	GLBR60	116.50
0-100	20	2	GLBR100	116.50
0-160	20	2	GLBR160	116.50
0-200	50	5	GLBR200	116.50
0-300	50	5	GLBR300	116.50
0-400	100	10	GLBR400	116.50
0-600	100	10	GLBR600	116.50
0-1000	300	20	GLBR1000	116.50
0-1500	500	20	GLBR1500	129.50
0-2000	500	50	GLBR2000	129.50
0-3000	500	50	GLBR3000	129.50
0-5000	1000	100	GLBR5000	129.50



GLBR200-4

2½" face

¼" center back mount

PSI Range	Fig. Inter.	Minor Grad.	Part #	Price/E
0-15	3	.2	GLBRC15	\$135.00
0-30	5	.5	GLBRC30	122.10
0-60	10	1	GLBRC60	122.10
0-100	20	2	GLBRC100	122.10
0-160	20	2	GLBRC160	122.10
0-200	50	5	GLBRC200	122.10
0-300	50	5	GLBRC300	122.10
0-400	100	10	GLBRC400	122.10
0-600	100	10	GLBRC600	122.10
0-1000	300	20	GLBRC1000	122.10
0-1500	500	20	GLBRC1500	135.00
0-2000	500	50	GLBRC2000	135.00
0-3000	500	50	GLBRC3000	135.00
0-5000	1000	100	GLBRC5000	135.00

4" face

½" lower mount

PSI Range	Fig. Inter.	Minor Grad.	Part #	Price/E
0-15	3	.2	GLBR15-4	\$297.25
0-30	5	.5	GLBR30-4	297.25
0-60	10	1	GLBR60-4	297.25
0-100	20	2	GLBR100-4	297.25
0-160	20	2	GLBR160-4	297.25
0-200	50	5	GLBR200-4	297.25
0-300	50	5	GLBR300-4	297.25
0-400	100	10	GLBR400-4	297.25
0-600	100	10	GLBR600-4	297.25
0-1000	300	20	GLBR1000-4	297.25
0-1500	500	20	GLBR1500-4	324.25
0-2000	500	50	GLBR2000-4	324.25
0-3000	500	50	GLBR3000-4	324.25
0-5000	1000	100	GLBR5000-4	324.25
0-10000	1000	100	GLBR10000-4	444.00

Liquid Filled Stainless Case Gauges

Features:

- PowerFlex™ movement with polyester segment designed to resist the effects of shock, vibration and pulsation.
- ASME B40.100, Grade B (\pm 3-2-3% accuracy)
- copper alloy bourdon tube
- white aluminum dial with black numbers and black aluminum pointer
- 1/4" NPT brass connection
- glycerin filled
- polycarbonate window
- temperature range: -4°F to 140°F

2 1/2" face
1/4" center back mount

PSI Range	Fig. Inter.	Minor Grad.	Part #	Price/E
0-15	3	.2	<i>GLSC400</i>	\$56.20
0-30	5	.5	<i>GLSC405</i>	56.20
0-60	10	1	<i>GLSC410</i>	56.20
0-100	20	2	<i>GLSC415</i>	56.20
0-160	20	2	<i>GLSC417</i>	56.20
0-200	50	5	<i>GLSC420</i>	56.20
0-300	50	5	<i>GLSC425</i>	56.20
0-400	100	10	<i>GLSC427</i>	56.20
0-600	100	10	<i>GLSC430</i>	56.20
0-1000	200	20	<i>GLSC435</i>	56.20
0-1500	300	20	<i>GLSC440</i>	62.10
0-2000	500	50	<i>GLSC445</i>	62.10
0-3000	500	50	<i>GLSC450</i>	62.10
0-5000	1000	100	<i>GLSC455</i>	62.10

2 1/2" face
1/4" lower mount

PSI Range	Fig. Inter.	Minor Grad.	Part #	Price/E
0-15	3	.2	<i>GLS400</i>	\$45.50
0-30	5	.5	<i>GLS405</i>	45.50
0-60	10	1	<i>GLS410</i>	45.50
0-100	20	2	<i>GLS415</i>	45.50
0-160	20	2	<i>GLS417</i>	45.50
0-200	50	5	<i>GLS420</i>	45.50
0-300	50	5	<i>GLS425</i>	45.50
0-400	100	10	<i>GLS427</i>	45.50
0-600	100	10	<i>GLS430</i>	45.50
0-1000	200	20	<i>GLS435</i>	45.50
0-1500	300	20	<i>GLS440</i>	50.90
0-2000	500	50	<i>GLS445</i>	50.90
0-3000	500	50	<i>GLS450</i>	50.90
0-5000	1000	100	<i>GLS455</i>	50.90

Liquid Filled ABS Case Gauges

Feature:

- ASME B40.100, Grade B (\pm 3-2-3% accuracy)

2 1/2" face
1/4" lower mount

PSI Range	Fig. Inter.	Minor Grad.	Part #	Price/E
0-15	3	.2	<i>GLP500</i>	\$35.25
0-30	5	.5	<i>GLP505</i>	35.25
0-60	10	1	<i>GLP510</i>	35.25
0-100	20	2	<i>GLP515</i>	35.25
0-160	20	2	<i>GLP517</i>	35.25
0-200	50	5	<i>GLP520</i>	35.25
0-300	50	5	<i>GLP525</i>	35.25
0-400	100	10	<i>GLP527</i>	35.25
0-600	100	10	<i>GLP530</i>	35.25
0-1000	200	20	<i>GLP535</i>	40.10
0-1500	300	20	<i>GLP540</i>	40.10
0-2000	500	50	<i>GLP545</i>	40.10
0-3000	500	50	<i>GLP550</i>	40.10
0-5000	1000	100	<i>GLP555</i>	40.10

F



GLSC420



GLS430



Compound Gauges

Features:

- ASME B40.1, Grade B accuracy ($\pm 3-2-3$ % accuracy)
- ABS plastic case, corrosion resistant
- bronze bourdon tube / brass socket
- polycarbonate window
- black aluminum pointer
- Powerflex movement with polyester segment, designed for extended wear
- temperature range of **-40°F to 150°F**

2½" face - ¼" center back mount

Mercury (Hg)	PSI Range	Fig. Inter. (Hg / PSI)	Min.Grad. (Hg / PSI)	Part #	Price/E
30"	0-160	30 / 20	5 / 5	GC210	\$29.25

2½" face - ¼" lower mount

Mercury (Hg)	PSI Range	Fig. Inter. (Hg / PSI)	Min.Grad. (Hg / PSI)	Part #	Price/E
30"	0-100	30 / 10	5 / 2	GL310	\$20.40
30"	0-160	30 / 20	10 / 10	GL110	20.40
30"	0-200	30 / 20	10 / 10	GL315	20.40



GL310

F

Vacuum Gauges

Features:

- ASME B40.1, Grade B accuracy ($\pm 3-2-3$ % accuracy)
- ABS plastic case
- bronze bourdon tube
- polycarbonate crystal
- black aluminum pointer
- Powerflex movement with polyester segment, designed for extended wear
- temperature range: **-40°F to 150°F**

2" face - ¼" lower mount

Mercury (Hg)	Fig. Inter. (Hg / PSI)	Min.Grad. (Hg / PSI)	Part #	Price/E
30"	5"	.5"	GL105	\$19.20

2" face - ¼" center back mount

Mercury (Hg)	Fig. Inter. (Hg / PSI)	Min.Grad. (Hg / PSI)	Part #	Price/E
30"	5"	.5"	GC205	\$22.20

2½" face - ¼" lower mount

Mercury (Hg)	Fig. Inter. (Hg / PSI)	Min.Grad. (Hg / PSI)	Part #	Price/E
30"	5"	.5"	GL305	\$20.40



GL105

Welding Gauges

Features:

- $\pm 3-2-3$ % accuracy according to ASME B40.100 Grade B
- polished drawn stainless steel case
- twist-lock polycarbonate window
- copper alloy bourdon tube
- "USE NO OIL" written in red on face
- ambient temperature range: **-40°F to 140°F**

2½" face - ¼" lower mount

PSI Range	Fig. Inter. (Hg / PSI)	Min.Grad. (Hg / PSI)	Part #	Price/E
0-30	5	.5	GBRW30	\$62.00
0-30	5	.5	GBRW30R¹	62.00
0-60	10	1	GBRW60	62.00
0-100	20	2	GBRW100	62.00
0-200	50	5	GBRW200	62.00
0-400	100	10	GBRW400	62.00
0-600	100	10	GBRW600	62.00
0-4000	500	100	GBRW4000	65.00

¹ red band between 15 to 30 PSI on GBRW30R



GBRW4000

General Purpose Digital Gauges

Applications:

- General purpose digital gauges are suitable for dry air applications and other media. Gauge offers selectable units of measure so rather than purchasing one gauge for each unit of measure required, one gauge can be used for multiple units of measure.
- ideal for test applications and for use in technicians tool kits

Features:

- 0.5% terminal point accuracy
- five-digit LCD display with large size .48" characters
- bar graph display (20 segment)
- 9 engineering units (accessed through keypad): PSI, in. HG, cm Hg, mm Hg, KPA, Mpa, BAR, KG/cm2, ft H2O
- IP67 weatherproof enclosure, polycarbonate / ABS
- two AA alkaline batteries included
- 2000 hour minimum battery life
- wetted parts: 17-4 PH stainless steel sensor with 316L stainless steel socket
- operating temperature: **-4°F to 140°F** (-20°C to 60°C)
- polycarbonate window
- other pressure and compound ranges available



2½" face
¼" lower mount

PSI Range	Part #	Price/E
0-100	DG100	\$877.00
0-200	DG200	877.00
0-300	DG300	877.00
0-1000	DG1000	877.00
0-10,000	DG10000	877.00

F

Bi-Metal Thermometers

Features:

- case: sturdy, corrosion resistant series 304 stainless steel
- bezel crystal: optically clear, strong glass, gasketed to maintain weather-tight integrity is standard
- stem: 304 series stainless steel, welded at tip and case connector to prevent leakage, ¼" (6.35 mm) diameter
- hermetically sealed per ASME B40.3 external reset
- slotted-hex adjustment head offers screwdriver or wrench use to field calibrate the thermometer
- bi-metal element: an extremely responsive temperature sensing helix which has been carefully sized and tested, heat treated and aged to relieve inherent stresses and insure continued accuracy
- dampening: bi-metal helix is coated with a viscous silicone to minimize pointer oscillation and to improve temperature transmission
- immersion: for accurate temperature readings, immerse stem a minimum of 2" (50 mm) in agitated liquids or 4" (100 mm) in moving air or gas
- over range: temporary over or under range of 50% of scale up to 260°C or 500°F will not affect the instrument accuracy
- accuracy: guaranteed to be accurate to within 1% of full scale (Grade A per ASME B40.3) (The American Society of Mechanical Engineers issued a new standard for Bi-Metal Thermometers in 1990 referred to as ASME B40.3.)
- Standard Connection is ½" male NPT

F

Model 30 Back Connected 3" Face

Stem Length	Temperature Range	Part #	Price/E
2½"	0-250°F/-20-120°C	30025064	\$60.15
2½"	50-500°F/10-260°C	30025104	60.15
4"	0-250°F/-20-120°C	30040064	60.15
4"	50-500°F/10-260°C	30040104	60.15
6"	0-250°F/-20-120°C	30060064	60.15
6"	50-500°F/10-260°C	30060104	60.15
9"	0-250°F/-20-120°C	30090064	60.15
9"	50-500°F/10-260°C	30090104	60.15



Model 31 Bottom Connected 90° Angle 3" Face

Stem Length	Temperature Range	Part #	Price/E
2½"	0-250°F/-20-120°C	31025064	\$119.70
4"	50-500°F/10-260°C	31040104	119.70



Model 50 Back Connected 5" Face

Stem Length	Temperature Range	Part #	Price/E
2½"	50-500°F/10-260°C	50025104	\$133.45
4"	0-250°F/-20-120°C	50040064	133.45



Model 52 Adjustable Angle 5" Face

Stem Length	Temperature Range	Part #	Price/E
2½"	0-250°F/-20-120°C	52025064	\$181.05
4"	0-250°F/-20-120°C	52040064	193.35
4"	50-500°F/10-260°C	52040104	193.35



Bi-Metal Pocket Thermometers

Features:

- case: 304 stainless steel hermetically sealed
- crystal: extra heavy polycarbonate
- stem: 304 series stainless steel
- external reset with hex nut on back of case
- bi-metal element: responsive actuation by bi-metal helix
- dampening: bi-metal helix is coated with a viscous silicone to minimize pointer oscillation
- scale length: approximately 2- $\frac{3}{8}$ " (54mm)
- accuracy: 1%
- polyethylene carrying case with clip



F

Temperature Range	Part #	Price/E
0-220°F	PT220	\$21.80
50-550°F	PT550	21.80

Magnetic Surface Mount Thermometers

Features:

- case: steel, 2" x $\frac{1}{2}$ "
- dial: polished aluminum
- bi-metal element: responsive actuation by bi-metal helix
- accuracy: $\pm 2\%$



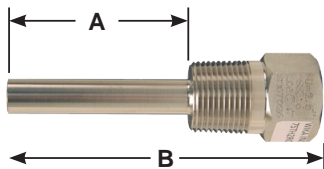
2" Face

Temperature Range	Part #	Price/E
0-250°F	MT250	\$42.40
0-500°F	MT500	42.40

316 Stainless Steel Threaded Thermowells

Features:

- $\frac{3}{4}$ " male NPT process connection



'A' dimension	'B' dimension	Part #	Price/E
1 $\frac{5}{8}$ "	2 $\frac{1}{2}$ "	75TH2R015SS	\$108.60
2 $\frac{1}{2}$ "	4"	75TH2R025SS	87.50
4 $\frac{1}{2}$ "	6"	75TH2R045SS	135.50
7 $\frac{1}{2}$ "	9"	75TH2R075SS	160.00

180° Steam Gauge Siphons

Application:

- In steam service, the siphon will prevent hot steam from entering a pressure gauge, diaphragm seal or transmitter.



Recommended for applications involving temperatures above 100°F (37°C). Also use siphons whenever condensing hot vapors (not just steam) are present.

Features:

- red brass pipe
- complies with ASTM B-43
- pressure rating: **200 PSI at 406°F**



Male IPS	Red Brass	
	Part #	Price/E
$\frac{1}{4}$ "	401-01	\$33.25

Features:

- steel pipe
- $\frac{1}{4}$ " NPT schedule 40 steel, welded
- pressure rating: **175 PSI at 340°F**



Male IPS	Steel	
	Part #	Price/E
$\frac{1}{4}$ "	401-01S	\$14.25

King™ Combination Nipples

**Applications:**

- Recommended for low-pressure discharge and suction service for compatible liquids.
Sizes 1¼" and above are not for compressible products such as air or nitrogen.
- **King™ Combination Nipples are not recommended for steam.**
- *The working pressure may vary with the construction of the hose, the type of clamping system used and the application. Consult Dixon™ for recommendations.*
- In accordance with the Association for Rubber Products Manufacturers (ARPM) bulletin for oil suction and discharge hose, a coupled length of hose in any size, should be tested to 1½ times the working pressure and held for fifteen minutes without leaking or coupling movement. For additional information and detailed instruction on testing procedures, see the Association for Rubber Products Manufacturers (ARPM) handbook.

NPT threaded end with knurled wrench grip

Size	Opt Qty	Unplated Steel		Plated Steel		Brass		Aluminum	
		Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
½"	50	ST1	\$4.60	STC1	\$4.95	BST1	\$21.20	AST1	\$20.40
¾"	50	ST5	5.35	STC5	5.45	BST5	31.70	AST5	15.60
1"	50	ST10	6.95	STC10	7.30	BST10	32.25	AST10	18.60
1¼"	50	ST15	9.35	STC15	10.05	---	---	---	---
1½"	50	ST20	9.65	STC20	10.30	---	---	---	---
2"	25	ST25	11.95	STC25	12.60	---	---	---	---



knurled wrench grip

G

NPT threaded end no knurl

Size	Opt Qty	Unplated Steel		Plated Steel		Brass		Aluminum	
		Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
1¼"	50	---	---	---	---	BST15	\$35.40	AST15	\$17.60
1½"	50	---	---	---	---	BST20	44.75	AST20	17.70
2"	25	---	---	---	---	BST25	66.70	AST25	19.95
2½"	10	ST30	\$19.75	STC30	\$22.35	BST30	106.60	AST30	59.00
3"	10	ST35	23.55	STC35	27.75	BST35	148.60	AST35	47.00
4"	4	ST40	36.40	STC40	40.80	BST40	283.90	AST40	72.60
5"	4	ST50	84.10	STC50	89.25	---	---	AST50	164.85
6"	2	ST60	93.10	STC60	105.00	---	---	AST60	178.50
8"	2	ST80	165.00	STC80	202.80	---	---	---	---
10"	1	ST100	267.50	STC100	337.50	---	---	---	---
12"	1	ST120	420.00	STC120	480.00	---	---	---	---



no knurl brass

Size	Opt Qty	316 Stainless Steel		Hastelloy®	
		Part #	Price/E	Part #	Price/E
½"	50	RST1 ¹	\$21.10	---	---
¾"	50	RST5 ¹	21.15	---	---
1"	50	RST10	21.25	---	---
1¼"	50	RST15	27.10	---	---
1½"	50	RST20	33.25	---	---
2"	25	RST25	45.00	HST25	\$780.00
2½"	10	RST30	82.75	---	---
3"	10	RST35	117.40	HST35	1450.00
4"	4	RST40	184.20	---	---
5"	4	RST50	405.00	---	---
6"	4	RST60	508.20	---	---
8"	2	RST80	975.00	---	---



no knurl stainless

¹ made from investment casting

King™ Combination Nipples

Grooved end

Features:

- Grooved and beveled ends (in *brass* and *aluminum*) are available in select sizes. Consult Dixon™ for prices and availability.
- See pages 744-750 for our complete line of groove style fittings.



Size	Unplated Steel			316 Stainless Steel		
	Part #	Price/E	Opt Qty	Part #	Price/E	Opt Qty
1"	STV10	\$9.80	50	---	---	---
1¼"	STV15	13.40	50	---	---	---
1½"	STV20	13.00	50	RSTV20	\$46.65	50
2"	STV25	12.65	25	RSTV25	50.50	25
2½"	STV30	22.90	10	---	---	---
3"	STV35	25.80	10	RSTV35	144.20	10
4"	STV40	36.10	4	RSTV40	193.65	5
5"	STV50	82.85	4	---	---	---
6"	STV60	102.00	4	---	---	---
8"	STV80	179.25	2	---	---	---
10"	STV100	317.20	1	---	---	---
12"	STV120	455.40	1	---	---	---

Beveled end



Size	Unplated Steel			316 Stainless Steel			Aluminum	
	Part #	Price/E	Opt Qty	Part #	Price/E	Opt Qty	Part #	Price/E
½"	STB1	\$6.45	50	---	---	---	---	---
¾"	STB5	8.25	50	RSTB5	\$27.50	50	---	---
1"	STB10	9.40	50	RSTB10	24.60	50	ASTB10	\$18.90
1¼"	STB15	11.25	50	RSTB15	38.55	50	ASTB15	22.60
1½"	STB20	11.10	50	RSTB20	33.85	50	ASTB20	25.20
2"	STB25	12.65	25	RSTB25	52.90	25	ASTB25	34.50
2½"	STB30	21.20	10	RSTB30	96.30	10	ASTB30	POR
3"	STB35	26.05	10	RSTB35	108.85	10	ASTB35	72.50
4"	STB40	37.90	4	RSTB40	181.30	4	ASTB40	83.20
5"	STB50	89.25	4	---	---	---	ASTB50	260.00
6"	STB60	95.60	2	RSTB60	492.50	---	ASTB60	245.00
8"	STB80	177.60	2	RSTB80	980.00	---	ASTB80	POR
10"	STB100	308.30	1	---	---	---	ASTB100	POR
12"	STB120	435.00	1	---	---	---	---	---

BSPT Threaded end



Size	Plated Steel			316 Stainless Steel		
	Part #	Price/E	Opt Qty	Part #	Price/E	Opt Qty
1"	STC10A	\$7.50	50	RST10A	\$22.60	50
1¼"	STC15A	10.70	50	RST15A	27.80	50
1½"	STC20A	11.10	50	RST20A	35.55	50
2"	STC25A	13.80	50	RST25A	45.00	25
2½"	STC30A	24.00	10	RST30A	82.00	10
3"	STC35A	27.40	10	RST35A	118.00	10
4"	STC40A	39.75	4	RST40A	183.00	4
6"	STC60A	109.85	2	RST60A	505.00	2

NPT end with knurled wrench grip - for plastic pipe



Size	Plated Steel		
	Part #	Price/E	Opt Qty
½"	SAP1	\$9.00	50
¾"	SAP6	14.65	50
1"	SAP11	13.35	50
1¼"	SAP16	15.30	50
1½"	SAP21	16.00	50
2"	SAP26	16.90	25

Jump Size King™ Combination Nipples

hose shank x NPT threaded end

Hose Shank	Male NPT	Plated Steel		316Stainless Steel	
		Part #	Price/E	Part #	Price/E
3/4"	1/2"	---	---	RST0501	\$34.00
3/4"	1"	STC0510	\$11.80	RST0510	44.85
1"	3/4"	STC1005	8.40	RST1005	32.10
1"	1 1/4"	STC1015	16.80	RST1015	57.75
1 1/4"	1"	STC1510	11.00	RST1510	72.00
1 1/4"	1 1/2"	STC1520	14.35	RST1520	78.00
1 1/2"	1 1/4"	STC2015	12.00	RST2015	83.20
1 1/2"	2"	STC2025	17.80	RST2025	97.10
1 3/4"	2"	STC175200	24.30	---	---
2"	1 1/2"	STC2520	22.70	RST2520	96.15
2"	2 1/2"	STC2530	36.90	---	---
2"	3"	STC2535	54.90	RST2535	122.60
2 1/2"	2"	STC3025	32.95	---	---
2 1/2"	3"	STC3035	39.60	---	---
3"	2"	STC3525	64.70	RST3525	143.85
3"	2 1/2"	STC3530	44.40	---	---
3"	4"	STC3540	79.45	---	---
4"	3"	STC4035	88.20	---	---



reducer



increaser

G

Flanged King™ Combination Nipples

150# ASA flange x hose shank

Size	Standard		Steel		316 Stainless Steel		Standard		Designed for crimp-style sleeves or ferrules	
	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
1 1/2"	FST20	\$96.25	FST20CS	\$98.00	RFST20	\$250.00	RFST20CS	\$280.00		
2"	FST25	95.05	FST25CS	101.00	RFST25	296.40	RFST25CS	310.00		
3"	FST35	133.75	FST35CS	150.25	RFST35	431.00	RFST35CS	480.00		
4"	FST40	169.50	FST40CS	182.20	RFST40	573.00	RFST40CS	668.10		
6"	FST60	302.25	FST60CS	316.00	RFST60	967.50	RFST60CS	1165.00		
8"	FST80	530.00	---	---	RFST80	1660.00	---	---		
10"	FST100	787.95	---	---	RFST100	3502.00	---	---		
12"	FST120	1210.25	---	---	RFST120	4630.00	---	---		



Global King™ Combination Nipples

⚠ WARNING

Applications:

- Combination nipples are recommended for low-pressure discharge and suction service for compatible liquids. **Sizes 1 1/4" and above are not for compressible products such as air or nitrogen.**
- Global King™ Combination Nipples are not recommended for steam.**
- The working pressure may vary with the construction of the hose, the type of clamping system used and the application. Consult Dixon™ for recommendations.
- In accordance with the Association for Rubber Products Manufacturers (ARPM) bulletin for oil suction and discharge hose, a coupled length of hose in any size, should be tested to 1 1/2 times the working pressure and held for fifteen minutes without leaking or coupling movement. For additional information and detailed instruction on testing procedures, see the Association for Rubber Products Manufacturers (ARPM) handbook.

Global hose shank x NPT threaded end

Size	Box Qty	Plated Steel	
		Part #	Price/E
1/2"	100	GSTC1	\$2.40
3/4"	100	GSTC5	2.65
1"	50	GSTC10	3.75
1 1/4"	50	GSTC15	4.90
1 1/2"	50	GSTC20	5.75
2"	25	GSTC25	6.85
2 1/2"	10	GSTC30	12.15
3"	10	GSTC35	13.40
4"	4	GSTC40	21.05
5"	4	GSTC50	54.50
6"	4	GSTC60	60.90



Short Crimp Sleeves

Features:

- for use with King™ Combination Nipples only
- a reliable alternative to band clamps
- not for use with Dixon™ King Crimp™ Style Shanks



Hose ID	Hose OD		Carbon Steel		Sleeve ID	Sleeve Wall Thickness	Sleeve Overall Length
	From	To	Part #	Price			
NEW ¾"	1-5/64"	1-8/64"	CSS075-3CS	\$4.90	1.1875"	.059"	1.25"
	1-5/64"	1-8/64"	CS075-3CS	4.90	1.1875"	.059"	2.138
	1-9/64"	1-12/64"	CSS075-4CS	4.90	1.250"	.059"	1.25"
	1-9/64"	1-12/64"	CS075-4CS	4.90	1.250"	.059"	2.138
	1-17/64"	1-20/64"	CSS075-6CS	4.90	1.375"	.059"	1.25"
1"	1-17/64"	1-20/64"	CS075-6CS	4.90	1.375"	.059"	2.138
	1-21/64"	1-24/64"	CSS100-3CS	4.70	1.438"	.062"	1½"
	1-25/64"	1-28/64"	CSS100-4CS	4.70	1.500"	.062"	1½"
	1-29/64"	1-32/64"	CSS100-5CS	4.70	1.563"	.062"	1½"
	1-33/64"	1-36/64"	CSS100-6CS	4.70	1.625"	.062"	1½"
	1-37/64"	1-40/64"	CSS100-7CS	4.70	1.688"	.062"	1½"
1½"	1-41/64"	1-44/64"	CSS100-8CS	4.70	1.750"	.062"	1½"
	1-41/64"	1-44/64"	CSS150-1CS	4.85	1.750"	.062"	1¾"
	1-45/64"	1-48/64"	CSS150-2CS	4.85	1.813"	.062"	1¾"
	1-49/64"	1-52/64"	CSS150-3CS	4.85	1.875"	.062"	1¾"
	1-53/64"	1-56/64"	CSS150-4CS	4.85	1.938"	.062"	1¾"
	1-57/64"	1-60/64"	CSS150-5CS	4.85	2.000"	.062"	1¾"
	1-61/64"	2"	CSS150-6CS	4.85	2.063"	.062"	1¾"
	2-1/64"	2-4/64"	CSS150-7CS	4.85	2.125"	.062"	1¾"
	2-5/64"	2-8/64"	CSS150-8CS	4.85	2.188"	.062"	1¾"
2-9/64"	2-12/64"	CSS150-9CS	4.85	2.250"	.062"	1¾"	
2"	2-21/64"	2-24/64"	CSS200-3CS	5.70	2.438"	.062"	2"
	2-25/64"	2-28/64"	CSS200-4CS	5.70	2.500"	.062"	2"
	2-29/64"	2-32/64"	CSS200-5CS	5.70	2.563"	.062"	2"
	2-33/64"	2-36/64"	CSS200-6CS	5.70	2.625"	.062"	2"
	2-37/64"	2-40/64"	CSS200-7CS	5.70	2.688"	.062"	2"
	2-41/64"	2-44/64"	CSS200-8CS	5.70	2.750"	.062"	2"
	2-45/64"	2-48/64"	CSS200-9CS	5.70	2.813"	.062"	2"
	2-49/64"	2-52/64"	CSS200-10CS	5.70	2.875"	.062"	2"
	2-53/64"	2-56/64"	CSS200-11CS	5.70	2.938"	.062"	2"
	2-57/64"	2-60/64"	CSS200-12CS	5.70	3.000"	.062"	2"
3"	3-13/64"	3-16/64"	CSS300-1CS	10.05	3.313"	.090"	2⅝"
	3-17/64"	3-20/64"	CSS300-2CS	10.05	3.375"	.090"	2⅝"
	3-21/64"	3-24/64"	CSS300-3CS	10.05	3.438"	.090"	2⅝"
	3-25/64"	3-28/64"	CSS300-4CS	10.05	3.500"	.090"	2⅝"
	3-29/64"	3-32/64"	CSS300-5CS	10.05	3.563"	.090"	2⅝"
	3-33/64"	3-36/64"	CSS300-6CS	10.05	3.625"	.090"	2⅝"
	3-37/64"	3-40/64"	CSS300-7CS	10.05	3.688"	.090"	2⅝"
	3-41/64"	3-44/64"	CSS300-8CS	10.05	3.750"	.090"	2⅝"
	3-45/64"	3-48/64"	CSS300-9CS	10.05	3.813"	.090"	2⅝"
	3-49/64"	3-52/64"	CSS300-10CS	10.05	3.875"	.090"	2⅝"
	3-53/64"	3-56/64"	CSS300-11CS	10.05	3.938"	.090"	2⅝"
	3-57/64"	3-60/64"	CSS300-12CS	10.05	4.000"	.090"	2⅝"
4"	4-29/64"	4-32/64"	CSS400-5CS	13.55	4.563"	.090"	3-15/32"
	4-33/64"	4-36/64"	CSS400-6CS	13.55	4.625"	.090"	3-15/32"
	4-37/64"	4-40/64"	CSS400-7CS	13.55	4.688"	.090"	3-15/32"
	4-41/64"	4-44/64"	CSS400-8CS	13.55	4.750"	.090"	3-15/32"
	4-45/64"	4-48/64"	CSS400-9CS	13.55	4.813"	.090"	3-15/32"
	4-49/64"	4-52/64"	CSS400-10CS	13.55	4.875"	.090"	3-15/32"
	4-53/64"	4-56/64"	CSS400-11CS	13.55	4.938"	.090"	3-15/32"
	4-57/64"	4-60/64"	CSS400-12CS	13.55	5.000"	.090"	3-15/32"



External Swage Notched NOS Stems and Ferrules

⚠ WARNING

The notched system allows you to better manage your inventories. You can stock one stem and two ferrules, and cover the same hose range with less inventory. *You must purchase a fitting and the matching ferrule to create an assembly.*

Features:

- For hose outside diameters of 2-4/64" and below, *couplings are crimp only.*
- For hose outside diameters of 2-5/64" and above, couplings can be crimped or swaged.
- See page 73 for cam and groove style notched NOS fittings.



Only use the NOS shank with the NOS ferrules.
Due to differences in dimensions and tolerances for safety reasons,
do not use other manufacturer's stems or ferrules with Dixon™ Holedall™ products.

stems

Size	PSI	316 Stainless Steel	
		Part #	Price/E
1½"	250	RST150NOS	\$45.40
2"	250	RST200NOS	54.00
3"	250	RST300NOS	119.60
4"	1	RST400NOS	183.35

¹ Contact Dixon™ for pressure information



RST200NOS

ferrules

Size	Hose OD		304 Stainless Steel	
	From:	To:	Part #	Price/E
1½"	1-60/64"	2-12/64"	GAS2334NOS	\$32.30
1½"	2-4/64"	2-22/64"	GAS2370NOS	34.50
2"	2-30/64"	2-44/64"	GAS2709NOS	31.50
2"	2-42/64"	2-54/64"	GAS2885NOS	64.40
3"	3-30/64"	3-46/64"	GAS3760NOS	46.35
3"	3-47/64"	3-54/64"	GAS3885NOS	63.00
4"	4-40/64"	4-47/64"	GAS5010NOS	235.00



Notched Turned Back Nipples

Features:

- stems are for use with lap joint flanges on page 726
- When used with an appropriate notched ferrule, these fittings can be swaged or crimped onto hose providing improved shank retention.
- When used with double bolt or band clamps, notched turn back nipples provide shank retention similar to that of the King™ turned back nipples.
- The stem can be removed from a damaged hose by cutting away the ferrule without necessarily damaging the fitting.
- for use with notched ferrule above

stems

Size	Carbon Steel		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
1½"	N150NO	\$31.50	RN150NO	\$80.60
2"	N200NO	35.55	RN200NO	92.70
2½"	N250NO	55.00	RN250NO	125.00
3"	N300NO	84.25	RN300NO	162.00
4"	N400NO	141.10	RN400NO	248.25

ferrules

Size	Hose OD		304 Stainless Steel	
	From:	To:	Part #	Price/E
1½"	1-60/64"	2-12/64"	GAS2334NO	\$34.80
1½"	2-4/64"	2-22/64"	GAS2370NO	38.35
2"	2-30/64"	2-44/64"	GAS2709NO	31.80
2"	2-42/64"	2-54/64"	GAS2885NO	69.55
2½"	2-54/64"	3"	GAS3012NO	64.50
2½"	3-1/64"	3-13/64"	GAS3260NO	68.80
3"	3-30/64"	3-46/64"	GAS3760NO	45.40
3"	3-47/64"	3-54/64"	GAS3885NO	62.10
4"	4-40/64"	4-47/64"	GAS5010NO	258.75



Special pushers required:
1½" stem - RN150NOPUSH
2" stem - RN200NOPUSH
2½" stem - RN250NOPUSH
3" stem - RN300NOPUSH
4" stem - RN400NOPUSH



Dixon™ stems and ferrules are specifically designed to be used together as a coupling system.
Due to differences in dimensions and tolerances for safety reasons,
do not use other manufacturer's stems or ferrules with Dixon™ Holedall™ products.

King Crimp™ Style King Combination Nipples



Only use the crimp style shanks with the crimp style sleeves and ferrules.
Due to differences in dimensions and tolerances for safety reasons, do not interchange other manufacturer's products with Dixon™ products.

Features:

- There are two grooves on the crimp style King™ Combination nipples. The second groove is the roll stamp groove which has the part number and 'call Dixon™' stamped on it. This groove is a smooth concentric groove so that the stamp is legible.

NPT Threaded End



Hose ID	Schedule 80 Plated Carbon Steel		316 Stainless Steel	
	Part #	Price	Part #	Price
1"	STC10CS	\$22.20	RST10CS	\$35.25
1¼"	STC15CS	23.20	RST15CS	49.00
1½"	STC20CS	22.70	RST20CS	51.50
2"	STC25CS	27.00	RST25CS	63.70
3"	STC35CS	51.50	RST35CS	140.00
4"	STC40CS	63.65	RST40CS	206.00
6"	STC60CS	134.85	RST60CS	745.00

Grooved End



Hose ID	Schedule 80 Plated Carbon Steel		316 Stainless Steel	
	Part #	Price	Part #	Price
1"	STV10CS	\$24.00	RSTV10CS	\$44.00
1½"	STV20CS	30.30	RSTV20CS	65.15
2"	STV25CS	36.35	RSTV25CS	80.30
3"	STV35CS	65.15	RSTV35CS	190.90
4"	STV40CS	78.80	RSTV40CS	250.75
6"	STV60CS	162.00	RSTV60CS	770.00

Beveled End



Hose ID	Schedule 80 Carbon Steel		316 Stainless Steel	
	Part #	Price	Part #	Price
1"	STB10CS	\$23.70	RSTB10CS	\$43.00
1½"	STB20CS	23.00	RSTB20CS	53.00
2"	STB25CS	27.30	RSTB25CS	79.00
3"	STB35CS	49.50	RSTB35CS	189.00
4"	STB40CS	62.55	RSTB40CS	250.00
6"	STB60CS	134.00	RSTB60CS	740.00

King Crimp™ Style 150# ASA Fixed (welded) Flanged

Size	Steel		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
1½"	FST20CS	\$98.00	RFST20CS	\$280.00
2"	FST25CS	101.00	RFST25CS	310.00
3"	FST35CS	150.25	RFST35CS	480.00
4"	FST40CS	182.20	RFST40CS	668.10
6"	FST60CS	316.00	RFST60CS	1165.00



King Crimp™ Style Nipples for Floating Flanges

Feature:

- to be used with King Crimp™ sleeves and/or ferrules

Size	Plated Carbon Steel		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
2"	N25CS	\$134.85	RN25CS	\$225.00
3"	N35CS	189.35	RN35CS	345.00
4"	N40CS	244.20	RN40CS	457.60
6"	N60CS	496.55	RN60CS	1115.00



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TTMA Flange x King Crimp™ Style King™ Combination Nipples

Feature:

- to be used with King Crimp™ sleeves and/or ferrules

Size	Flange Thickness	Carbon Steel		Aluminum	
		Part #	Price/E	Part #	Price/E
3"	1/4"	TTFST35CS	\$183.00	---	---
3"	3/8"	TTFST35CS-THK	190.90	---	---
4"	5/16"	TTFST40CS	222.50	ATTFST40CS	\$207.55
4"	3/8"	TTFST40CS-THK	227.25	---	---



TTFST40CS



ATTFST40CS



King Crimp™ Style Sleeves



Only use the crimp style shanks with the crimp style sleeves and ferrules. Due to differences in dimensions and tolerances for safety reasons, do not interchange other manufacturer's products with Dixon™ products.

Hose ID	Hose OD		Carbon Steel		304 Stainless Steel		Aluminum		Work. Pressure (PSI)		Sleeve ID	Sleeve Wall Thick.	Sleeve Overall Length
	From	To	Part #	Price	Part #	Price	Part #	Price	cam & groove ¹	KC nipple ²			
1"	1-13/64"	1-16/64"	CS100-1CS	\$4.70	CS100-1SS	\$7.15	---	---	*	*	1.313"	.062"	2½"
	1-17/64"	1-20/64"	CS100-2CS	4.70	CS100-2SS	7.15	CS100-2AL	\$7.60	*	*	1.375"	.062"	2½"
	1-21/64"	1-24/64"	CS100-3CS	4.70	CS100-3SS	7.15	---	---	*	*	1.438"	.062"	2½"
	1-25/64"	1-28/64"	CS100-4CS	4.70	CS100-4SS	7.15	CS100-4AL	7.60	*	*	1.500"	.062"	2½"
	1-29/64"	1-32/64"	CS100-5CS	4.70	CS100-5SS	7.15	---	---	*	*	1.563"	.062"	2½"
	1-33/64"	1-36/64"	CS100-6CS	4.70	CS100-6SS	7.15	CS100-6AL	7.60	*	*	1.625"	.062"	2½"
	1-37/64"	1-40/64"	CS100-7CS	4.70	CS100-7SS	7.15	---	---	*	*	1.688"	.062"	2½"
	1-41/64"	1-44/64"	CS100-8CS	4.70	CS100-8SS	7.15	---	---	*	*	1.750"	.062"	2½"
	1-45/64"	1-48/64"	CS100-9CS	4.70	CS100-9SS	7.15	---	---	*	*	1.813"	.062"	2½"
	1-49/64"	1-52/64"	CS100-10CS	4.70	CS100-10SS	7.15	---	---	*	*	1.875"	.062"	2½"
1¼"	1-41/64"	1-44/64"	CS125-3CS	4.80	CS125-3SS	8.60	---	---	250	300	1.750"	.060"	2-5/8"
	1-45/64"	1-48/64"	CS125-4CS	4.80	CS125-4SS	8.60	---	---	250	300	1.813"	.060"	2-5/8"
	1-49/64"	1-52/64"	CS125-5CS	4.80	CS125-5SS	8.60	---	---	250	300	1.875"	.060"	2-5/8"
	1-53/64"	1-56/64"	CS125-6CS	4.80	CS125-6SS	8.60	---	---	250	300	1.938"	.060"	2-5/8"
1½"	1-41/64"	1-44/64"	CS150-1CS	4.85	CS150-1SS	8.50	---	---	250	300	1.750"	.062"	2½"
	1-45/64"	1-48/64"	CS150-2CS	4.85	CS150-2SS	8.50	---	---	250	300	1.813"	.062"	2½"
	1-49/64"	1-52/64"	CS150-3CS	4.85	CS150-3SS	8.50	CS150-3AL	10.00	250	300	1.875"	.062"	2½"
	1-53/64"	1-56/64"	CS150-4CS	4.85	CS150-4SS	8.50	---	---	250	300	1.938"	.062"	2½"
	1-57/64"	1-60/64"	CS150-5CS	4.85	CS150-5SS	8.50	---	---	250	300	2.000"	.062"	2½"
	1-61/64"	2"	CS150-6CS	4.85	CS150-6SS	8.50	---	---	250	300	2.063"	.062"	2½"
	2-1/64"	2-4/64"	CS150-7CS	4.85	CS150-7SS	8.50	CS150-7AL	10.00	250	300	2.125"	.062"	2½"
	2-5/64"	2-8/64"	CS150-8CS	4.85	CS150-8SS	8.50	---	---	250	300	2.188"	.062"	2½"
	2-9/64"	2-12/64"	CS150-9CS	4.85	CS150-9SS	8.50	---	---	250	300	2.250"	.062"	2½"
	2-13/64"	2-16/64"	CS150-10CS	4.85	CS150-10SS	8.50	---	---	250	300	2.313"	.062"	2½"
	2-17/64"	2-20/64"	CS150-11CS	4.85	CS150-11SS	8.50	---	---	250	300	2.375"	.062"	2½"
	2-21/64"	2-24/64"	CS150-12CS	4.85	CS150-12SS	8.50	---	---	250	300	2.438"	.062"	2½"
2"	2-13/64"	2-16/64"	CS200-1CS	5.70	CS200-1SS	11.75	---	---	250	250	2.313"	.062"	2-7/8"
	2-17/64"	2-20/64"	CS200-2CS	5.70	CS200-2SS	11.75	---	---	250	250	2.375"	.062"	2-7/8"
	2-21/64"	2-24/64"	CS200-3CS	5.70	CS200-3SS	11.75	---	---	250	250	2.438"	.062"	2-7/8"
	2-25/64"	2-28/64"	CS200-4CS	5.70	CS200-4SS	11.75	CS200-4AL	12.70	250	250	2.500"	.062"	2-7/8"
	2-29/64"	2-32/64"	CS200-5CS	5.70	CS200-5SS	11.75	---	---	250	250	2.563"	.062"	2-7/8"
	2-33/64"	2-36/64"	CS200-6CS	5.70	CS200-6SS	11.75	---	---	250	250	2.625"	.062"	2-7/8"
	2-37/64"	2-40/64"	CS200-7CS	5.70	CS200-7SS	11.75	---	---	250	250	2.688"	.062"	2-7/8"
	2-41/64"	2-44/64"	CS200-8CS	5.70	CS200-8SS	11.75	---	---	250	250	2.750"	.062"	2-7/8"
	2-45/64"	2-48/64"	CS200-9CS	5.70	CS200-9SS	11.75	---	---	250	250	2.813"	.062"	2-7/8"
	2-49/64"	2-52/64"	CS200-10CS	5.70	CS200-10SS	11.75	CS200-10AL	12.70	250	250	2.875"	.062"	2-7/8"
	2-53/64"	2-56/64"	CS200-11CS	5.70	CS200-11SS	11.75	---	---	250	250	2.938"	.062"	2-7/8"
	2-57/64"	2-60/64"	CS200-12CS	5.70	CS200-12SS	11.75	---	---	250	250	3.000"	.062"	2-7/8"

* consult Dixon™ for pressure rating

¹ based on using crimp cam and groove shanks

² based on using King™ combination nipples

King Crimp™ Style Sleeves



Only use the crimp style shanks with the crimp style sleeves and ferrules. Due to differences in dimensions and tolerances for safety reasons, do not interchange other manufacturer's products with Dixon™ products.



Hose ID	Hose OD		Carbon Steel		304 Stainless Steel		Work. Pressure (PSI)		Sleeve ID	Sleeve Wall Thickness	Sleeve Overall Length
	From	To	Part #	Price	Part #	Price	cam & groove ¹	KC nipple ²			
3"	3-13/64"	3-16/64"	CS300-1CS	\$10.05	CS300-1SS	\$17.05	125	200	3.313"	.090"	3¾"
	3-17/64"	3-20/64"	CS300-2CS	10.05	CS300-2SS	17.05	125	200	3.375"	.090"	3¾"
	3-21/64"	3-24/64"	CS300-3CS	10.05	CS300-3SS	17.05	125	200	3.438"	.090"	3¾"
	3-25/64"	3-28/64"	CS300-4CS	10.05	CS300-4SS	17.05	125	200	3.500"	.090"	3¾"
	3-29/64"	3-32/64"	CS300-5CS	10.05	CS300-5SS	17.05	125	200	3.563"	.090"	3¾"
	3-33/64"	3-36/64"	CS300-6CS	10.05	CS300-6SS	17.05	125	200	3.625"	.090"	3¾"
	3-37/64"	3-40/64"	CS300-7CS	10.05	CS300-7SS	17.05	125	200	3.688"	.090"	3¾"
	3-41/64"	3-44/64"	CS300-8CS	10.05	CS300-8SS	17.05	125	200	3.750"	.090"	3¾"
	3-45/64"	3-48/64"	CS300-9CS	10.05	CS300-9SS	17.05	125	200	3.813"	.090"	3¾"
	3-49/64"	3-52/64"	CS300-10CS	10.05	CS300-10SS	17.05	125	200	3.875"	.090"	3¾"
	3-53/64"	3-56/64"	CS300-11CS	10.05	CS300-11SS	17.05	125	200	3.938"	.090"	3¾"
	3-57/64"	3-60/64"	CS300-12CS	10.05	CS300-12SS	17.05	125	200	4.000"	.090"	3¾"
	3-61/64"	4"	CS300-13CS	10.05	CS300-13SS	17.05	125	200	4.063"	.090"	3¾"
	4-1/64"	4-4/64"	CS300-14CS	10.05	CS300-14SS	17.05	125	200	4.125"	.090"	3¾"
	4-5/64"	4-8/64"	CS300-15CS	10.05	CS300-15SS	17.05	125	200	4.188"	.090"	3¾"
	4-9/64"	4-12/64"	CS300-16CS	10.05	CS300-16SS	17.05	125	200	4.250"	.090"	3¾"
4"	4-13/64"	4-16/64"	CS400-1CS	13.55	CS400-1SS	28.35	110	175	4.313"	.090"	3¾"
	4-17/64"	4-20/64"	CS400-2CS	13.55	CS400-2SS	28.35	110	175	4.375"	.090"	3¾"
	4-21/64"	4-24/64"	CS400-3CS	13.55	CS400-3SS	28.35	110	175	4.438"	.090"	3¾"
	4-25/64"	4-28/64"	CS400-4CS	13.55	CS400-4SS	28.35	110	175	4.500"	.090"	3¾"
	4-29/64"	4-32/64"	CS400-5CS	13.55	CS400-5SS	28.35	110	175	4.563"	.090"	3¾"
	4-33/64"	4-36/64"	CS400-6CS	13.55	CS400-6SS	28.35	110	175	4.625"	.090"	3¾"
	4-37/64"	4-40/64"	CS400-7CS	13.55	CS400-7SS	28.35	110	175	4.688"	.090"	3¾"
	4-41/64"	4-44/64"	CS400-8CS	13.55	CS400-8SS	28.35	110	175	4.750"	.090"	3¾"
	4-45/64"	4-48/64"	CS400-9CS	13.55	CS400-9SS	28.35	110	175	4.813"	.090"	3¾"
	4-49/64"	4-52/64"	CS400-10CS	13.55	CS400-10SS	28.35	110	175	4.875"	.090"	3¾"
	4-53/64"	4-56/64"	CS400-11CS	13.55	CS400-11SS	28.35	110	175	4.938"	.090"	3¾"
	4-57/64"	4-60/64"	CS400-12CS	13.55	CS400-12SS	28.35	110	175	5.000"	.090"	3¾"
	4-61/64"	5"	CS400-13CS	13.55	CS400-13SS	28.35	110	175	5.063"	.090"	3¾"
	5-1/64"	5-4/64"	CS400-14CS	13.55	CS400-14SS	28.35	110	175	5.125"	.090"	3¾"
	5-5/64"	5-8/64"	CS400-15CS	13.55	CS400-15SS	28.35	110	175	5.188"	.090"	3¾"
	5-9/64"	5-12/64"	CS400-16CS	13.55	CS400-16SS	28.35	110	175	5.250"	.090"	3¾"
6"	6-21/64"	6-28/64"	CS600-1CS	37.90	CS600-1SS	72.75	*	*	6.500"	.120"	5½"
	6-29/64"	6-36/64"	CS600-2CS	37.90	CS600-2SS	72.75	*	*	6.625"	.120"	5½"
	6-37/64"	6-44/64"	CS600-3CS	37.90	CS600-3SS	72.75	*	*	6.750"	.120"	5½"
	6-45/64"	6-52/64"	CS600-4CS	37.90	CS600-4SS	72.75	*	*	6.875"	.120"	5½"
	6-53/64"	6-60/64"	CS600-5CS	37.90	CS600-5SS	72.75	*	*	7.000"	.120"	5½"
	6-61/64"	7-4/64"	CS600-6CS	37.90	CS600-6SS	72.75	*	*	7.125"	.120"	5½"
	7-5/64"	7-12/64"	CS600-7CS	37.90	CS600-7SS	72.75	*	*	7.250"	.120"	5½"
	7-13/64"	7-20/64"	CS600-8CS	37.90	CS600-8SS	72.75	*	*	7.375"	.120"	5½"
	7-21/64"	7-28/64"	CS600-9CS	37.90	CS600-9SS	72.75	*	*	7.500"	.120"	5½"

* consult Dixon™ for pressure rating

¹ based on using crimp cam and groove shanks

² based on using King™ combination nipples

King Crimp™ Style Ferrules



Only use the crimp style shanks with the crimp style sleeves and ferrules. Due to differences in dimensions and tolerances for safety reasons, do not interchange other manufacturer's products with Dixon™ products.

Hose ID	Hose OD		Carbon Steel		304 Stainless Steel		Work. Pressure (PSI)		Ferrule ID	Ferrule Wall Thickness	Ferrule Overall Length
	From	To	Part #	Price	Part #	Price	cam & groove ¹	KC nipple ²			
1"	1-13/64"	1-16/64"	CF100-1CS	\$10.00	CF100-1SS	\$10.15	*	*	1.313"	.062"	2-13/16"
	1-17/64"	1-20/64"	CF100-2CS	10.00	CF100-2SS	10.15	*	*	1.375"	.062"	2-13/16"
	1-21/64"	1-24/64"	CF100-3CS	10.00	CF100-3SS	10.15	*	*	1.438"	.062"	2-13/16"
	1-25/64"	1-28/64"	CF100-4CS	10.00	CF100-4SS	10.15	*	*	1.500"	.062"	2-13/16"
	1-29/64"	1-32/64"	CF100-5CS	10.00	CF100-5SS	10.15	*	*	1.563"	.062"	2-13/16"
	1-33/64"	1-36/64"	CF100-6CS	10.00	CF100-6SS	10.15	*	*	1.625"	.062"	2-13/16"
	1-37/64"	1-40/64"	CF100-7CS	10.00	CF100-7SS	10.15	*	*	1.688"	.062"	2-13/16"
	1-41/64"	1-44/64"	CF100-8CS	10.00	CF100-8SS	10.15	*	*	1.750"	.062"	2-13/16"
	1-45/64"	1-48/64"	CF100-9CS	10.00	CF100-9SS	10.15	*	*	1.813"	.062"	2-13/16"
	1-49/64"	1-52/64"	CF100-10CS	10.00	CF100-10SS	10.15	*	*	1.875"	.062"	2-13/16"
1 1/4"	1 41/64"	1-44/64"	CF125-3CS	10.25	CF125-3SS	12.00	250	350	1.750"	.060"	2-13/16"
	1 45/64"	1-48/64"	CF125-4CS	10.25	CF125-4SS	12.00	250	350	1.813"	.060"	2-13/16"
	1 49/64"	1-52/64"	CF125-5CS	10.25	CF125-5SS	12.00	250	350	1.875"	.060"	2-13/16"
	1 53/64"	1-56/64"	CF125-6CS	10.25	CF125-6SS	12.00	250	350	1.938"	.060"	2-13/16"
1 1/2"	1-41/64"	1-44/64"	CF150-1CS	11.40	CF150-1SS	15.60	250	350	1.750"	.062"	2-13/16"
	1-45/64"	1-48/64"	CF150-2CS	11.40	CF150-2SS	15.60	250	350	1.813"	.062"	2-13/16"
	1-49/64"	1-52/64"	CF150-3CS	11.40	CF150-3SS	15.60	250	350	1.875"	.062"	2-13/16"
	1-53/64"	1-56/64"	CF150-4CS	11.40	CF150-4SS	15.60	250	350	1.938"	.062"	2-13/16"
	1-57/64"	1-60/64"	CF150-5CS	11.40	CF150-5SS	15.60	250	350	2.000"	.062"	2-13/16"
	1-61/64"	2"	CF150-6CS	11.40	CF150-6SS	15.60	250	350	2.063"	.062"	2-13/16"
	2-1/64"	2-4/64"	CF150-7CS	11.40	CF150-7SS	15.60	250	350	2.125"	.062"	2-13/16"
	2-5/64"	2-8/64"	CF150-8CS	11.40	CF150-8SS	15.60	250	350	2.188"	.062"	2-13/16"
	2-9/64"	2-12/64"	CF150-9CS	11.40	CF150-9SS	15.60	250	350	2.250"	.062"	2-13/16"
	2-13/64"	2-16/64"	CF150-10CS	11.40	CF150-10SS	15.60	250	350	2.313"	.062"	2-13/16"
	2-17/64"	2-20/64"	CF150-11CS	11.40	CF150-11SS	15.60	250	350	2.375"	.062"	2-13/16"
	2-21/64"	2-24/64"	CF150-12CS	11.40	CF150-12SS	15.60	250	350	2.438"	.062"	2-13/16"
2"	2-13/64"	2-16/64"	CF200-1CS	12.95	CF200-1SS	17.65	250	300	2.313"	.062"	3-1/8"
	2-17/64"	2-20/64"	CF200-2CS	12.95	CF200-2SS	17.65	250	300	2.375"	.062"	3-1/8"
	2-21/64"	2-24/64"	CF200-3CS	12.95	CF200-3SS	17.65	250	300	2.438"	.062"	3-1/8"
	2-25/64"	2-28/64"	CF200-4CS	12.95	CF200-4SS	17.65	250	300	2.500"	.062"	3-1/8"
	2-29/64"	2-32/64"	CF200-5CS	12.95	CF200-5SS	17.65	250	300	2.563"	.062"	3-1/8"
	2-33/64"	2-36/64"	CF200-6CS	12.95	CF200-6SS	17.65	250	300	2.625"	.062"	3-1/8"
	2-37/64"	2-40/64"	CF200-7CS	12.95	CF200-7SS	17.65	250	300	2.688"	.062"	3-1/8"
	2-41/64"	2-44/64"	CF200-8CS	12.95	CF200-8SS	17.65	250	300	2.750"	.062"	3-1/8"
	2-45/64"	2-48/64"	CF200-9CS	12.95	CF200-9SS	17.65	250	300	2.813"	.062"	3-1/8"
	2-49/64"	2-52/64"	CF200-10CS	12.95	CF200-10SS	17.65	250	300	2.875"	.062"	3-1/8"
	2-53/64"	2-56/64"	CF200-11CS	12.95	CF200-11SS	17.65	250	300	2.938"	.062"	3-1/8"
	2-57/64"	2-60/64"	CF200-12CS	12.95	CF200-12SS	17.65	250	300	3.000"	.062"	3-1/8"

* consult Dixon™ for pressure rating

¹ based on using crimp cam and groove shanks

² based on using King™ combination nipples

King Crimp™ Style Ferrules



Only use the crimp style shanks with the crimp style sleeves and ferrules. Due to differences in dimensions and tolerances for safety reasons, do not interchange other manufacturer's products with Dixon™ products.



Hose ID	Hose OD		Carbon Steel		304 Stainless Steel		Work. Pressure (PSI)		Ferrule ID	Ferrule Wall Thickness	Ferrule Overall Length
	From	To	Part #	Price	Part #	Price	cam & groove ¹	KC nipple ²			
3"	3-13/64"	3-16/64"	CF300-1CS	\$17.50	CF300-1SS	\$28.95	150	300	3.313"	.090"	4"
	3-17/64"	3-20/64"	CF300-2CS	17.50	CF300-2SS	28.95	150	300	3.375"	.090"	4"
	3-21/64"	3-24/64"	CF300-3CS	17.50	CF300-3SS	28.95	150	300	3.438"	.090"	4"
	3-25/64"	3-28/64"	CF300-4CS	17.50	CF300-4SS	28.95	150	300	3.500"	.090"	4"
	3-29/64"	3-32/64"	CF300-5CS	17.50	CF300-5SS	28.95	150	300	3.563"	.090"	4"
	3-33/64"	3-36/64"	CF300-6CS	17.50	CF300-6SS	28.95	150	300	3.625"	.090"	4"
	3-37/64"	3-40/64"	CF300-7CS	17.50	CF300-7SS	28.95	150	300	3.688"	.090"	4"
	3-41/64"	3-44/64"	CF300-8CS	17.50	CF300-8SS	28.95	150	300	3.750"	.090"	4"
	3-45/64"	3-48/64"	CF300-9CS	17.50	CF300-9SS	28.95	150	300	3.813"	.090"	4"
	3-49/64"	3-52/64"	CF300-10CS	17.50	CF300-10SS	28.95	150	300	3.875"	.090"	4"
	3-53/64"	3-56/64"	CF300-11CS	17.50	CF300-11SS	28.95	150	300	3.938"	.090"	4"
	3-57/64"	3-60/64"	CF300-12CS	17.50	CF300-12SS	28.95	150	300	4.000"	.090"	4"
	3-61/64"	4"	CF300-13CS	17.50	CF300-13SS	28.95	150	300	4.063"	.090"	4"
	4-1/64"	4-4/64"	CF300-14CS	17.50	CF300-14SS	28.95	150	300	4.125"	.090"	4"
	4-5/64"	4-8/64"	CF300-15CS	17.50	CF300-15SS	28.95	150	300	4.188"	.090"	4"
	4-9/64"	4-12/64"	CF300-16CS	17.50	CF300-16SS	28.95	150	300	4.250"	.090"	4"
4"	4-13/64"	4-16/64"	CF400-1CS	23.00	CF400-1SS	67.20	150	300	4.313"	.090"	4"
	4-17/64"	4-20/64"	CF400-2CS	23.00	CF400-2SS	67.20	150	300	4.375"	.090"	4"
	4-21/64"	4-24/64"	CF400-3CS	23.00	CF400-3SS	67.20	150	300	4.438"	.090"	4"
	4-25/64"	4-28/64"	CF400-4CS	23.00	CF400-4SS	67.20	150	300	4.500"	.090"	4"
	4-29/64"	4-32/64"	CF400-5CS	23.00	CF400-5SS	67.20	150	300	4.563"	.090"	4"
	4-33/64"	4-36/64"	CF400-6CS	23.00	CF400-6SS	67.20	150	300	4.625"	.090"	4"
	4-37/64"	4-40/64"	CF400-7CS	23.00	CF400-7SS	67.20	150	300	4.688"	.090"	4"
	4-41/64"	4-44/64"	CF400-8CS	23.00	CF400-8SS	67.20	150	300	4.750"	.090"	4"
	4-45/64"	4-48/64"	CF400-9CS	23.00	CF400-9SS	67.20	150	300	4.813"	.090"	4"
	4-49/64"	4-52/64"	CF400-10CS	23.00	CF400-10SS	67.20	150	300	4.875"	.090"	4"
	4-53/64"	4-56/64"	CF400-11CS	23.00	CF400-11SS	67.20	150	300	4.938"	.090"	4"
	4-57/64"	4-60/64"	CF400-12CS	23.00	CF400-12SS	67.20	150	300	5.000"	.090"	4"
	4-61/64"	5"	CF400-13CS	23.00	CF400-13SS	67.20	150	300	5.063"	.090"	4"
	5-1/64"	5-4/64"	CF400-14CS	23.00	CF400-14SS	67.20	150	300	5.125"	.090"	4"
	5-5/64"	5-8/64"	CF400-15CS	23.00	CF400-15SS	67.20	150	300	5.188"	.090"	4"
	5-9/64"	5-12/64"	CF400-16CS	23.00	CF400-16SS	67.20	150	300	5.250"	.090"	4"
6"	6-21/64"	6-28/64"	CF600-1CS	52.25	CF600-1SS	85.00	*	*	6.500"	.120"	5-7/8"
	6-29/64"	6-36/64"	CF600-2CS	52.25	CF600-2SS	85.00	*	*	6.625"	.120"	5-7/8"
	6-37/64"	6-44/64"	CF600-3CS	52.25	CF600-3SS	85.00	*	*	6.750"	.120"	5-7/8"
	6-45/64"	6-52/64"	CF600-4CS	52.25	CF600-4SS	85.00	*	*	6.875"	.120"	5-7/8"
	6-53/64"	6-60/64"	CF600-5CS	52.25	CF600-5SS	85.00	*	*	7.000"	.120"	5-7/8"
	6-61/64"	7-4/64"	CF600-6CS	52.25	CF600-6SS	85.00	*	*	7.125"	.120"	5-7/8"
	7-5/64"	7-12/64"	CF600-7CS	52.25	CF600-7SS	85.00	*	*	7.250"	.120"	5-7/8"
	7-13/64"	7-20/64"	CF600-8CS	52.25	CF600-8SS	85.00	*	*	7.375"	.120"	5-7/8"
	7-21/64"	7-28/64"	CF600-9CS	52.25	CF600-9SS	85.00	*	*	7.500"	.120"	5-7/8"

* consult Dixon™ for pressure rating

¹ based on using crimp cam and groove shanks

² based on using King Crimp™ combination nipples

King™ Steel Round Nipples

for one clamp



Hose Size	NPT Size	Unplated Steel		Opt Qty
		Part #	Price/E	
5/8"	1/2"	KRN541	\$12.00	100
3/4"	1/2"	KRN641	9.70	50
1"	3/4"	KRN861	12.85	25

for two clamps

G



Hose Size	NPT Size	Unplated Steel		Opt Qty
		Part #	Price/E	
1/2"	1/4"	KRN422	\$16.95	100
1/2"	3/8"	KRN432	11.30	100
5/8"	1/2"	KRN542	17.95	100
3/4"	1/2"	KRN642	14.30	50
3/4"	3/4"	KRN662	18.00	50
1"	3/4"	KRN862	12.85	50
1"	1"	KRN882	19.60	50
1 1/4"	1"	KRN1082	13.70	25
1 1/2"	1 1/4"	KRN1210	18.35	25
2"	1 1/2"	KRN1612	48.15	20

King™ Steel Hex Nipples

for one clamp



Hose Size	NPT Size	Plated Steel		Opt Qty
		Part #	Price/E	
1/4"	1/4"	KHN221	\$12.65	50
3/8"	1/4"	KHN321	11.60	100
3/8"	3/8"	KHN331	10.70	100
3/8"	1/2"	KHN341	13.95	100
1/2"	1/4"	KHN421	13.50	50
1/2"	3/8"	KHN431	14.00	50
1/2"	1/2"	KHN441	10.45	50
1/2"	3/4"	KHN461	13.55	50
3/4"	1/2"	KHN641	15.70	50
3/4"	3/4"	KHN661	15.20	50
1"	3/4"	KHN861	18.60	25
1"	1"	KHN881	19.40	25

for two clamps



Hose Size	NPT Size	Plated Steel		Opt Qty
		Part #	Price/E	
1/4"	1/4"	KHN222	\$18.85	100
3/8"	1/4"	KHN322	16.75	100
3/8"	3/8"	KHN332	16.20	50
3/8"	1/2"	KHN342	20.80	100
1/2"	1/4"	KHN422	17.70	100
1/2"	3/8"	KHN432	15.50	100
1/2"	1/2"	KHN442	15.40	50
1/2"	3/4"	KHN462	20.10	50
3/4"	1/2"	KHN642	15.60	50
3/4"	3/4"	KHN662	15.05	50
1"	3/4"	KHN862	20.95	25
1"	1"	KHN882	22.35	25

PF Shank King™ Combination Nipples

Application:

- This shank design was developed specifically for chemical transport hoses having Crosslinked Polyethylene (XLPE) or Ultra High Molecular Weight Polyethylene (UHMW) tubes, where shank retention can be a problem when using conventional band clamps.

Features:

- PF shank King™ Combination nipples have the same shank pattern as found on the PF style cam and groove fittings sold on page 70.



- recommended for discharge and suction service

Not intended for compressed air

- working pressure is given at 70°F maximum

- The working pressure may vary with the construction of the hose, the type of clamping system used and the application. Consult Dixon™ for recommendations.

NPT Threaded end

Size	Working PSI	Plated Steel		316 Stainless Steel	
		Part #	Price/E	Part #	Price/E
2"	250	ST25PF	\$37.80	RST25PF	\$67.15
3"	125	ST35PF	44.95	RST35PF	168.70
4"	100	ST40PF	64.10	RST40PF	175.00
6"	75	ST60PF	140.00	RST60PF	425.00

Note: Beveled ends for welding are also available. Contact Dixon™ for further information.



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Tuff-Lite™ King™ Combination Nipples

NPT Threaded end

Size	Polypropylene		Price/E	Opt Qty
	Part #			
½"	PPN44 ¹		\$0.73	50
¾"	PPN66 ¹		0.93	50
1"	PPN88 ¹		1.49	25
1½"	HB150		4.85	25
2"	HB200		5.90	24
3"	HB300		17.10	10
4"	HB400		38.75	---

¹ sold in package quantities only

NPT Threaded end

Size	Nylon		Price/E	Opt Qty
	Part #			
1¼"	THN15		\$6.90	25
1½"	THN20		7.50	25
2"	THN25		11.40	20
3"	THN35		26.00	10



PPN



HB



THN

Steel Dixon™ Hose Menders



• **They are not for compressible products such as air, nitrogen or steam.**

- The working pressure may vary with the construction of the hose, the type of clamping system used and the application. Consult Dixon™ for recommendations.
- In accordance with the ARPM bulletin for oil suction and discharge hose, a coupled length of hose in any size, should be tested to 1½ times the working pressure and held for fifteen minutes without leaking or coupling movement. For additional information and detailed instruction on testing procedures, see the Association for Rubber Products Manufacturer's (ARPM) handbook or visit ARPMINC.com.

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Size	Zinc Plated Steel		Opt Qty	316 Stainless Steel		Opt Qty
	Part #	Price/E		Part #	Price/E	
¼"	DMA	\$7.65	200	RDMA	\$28.00	100
⅜"	DMB	7.80	100	RDMB	32.65	100
½"	DM1	7.75	50	RDM1	28.15	50
⅝"	DM5	7.95	50	---	---	---
¾"	DM6	7.15	50	RDM6	58.00	50
1"	DM11	6.80	50	RDM11	61.00	50
1¼"	DM16	9.05	50	RDM16	64.50	5
1⅜"	DM18	25.55	50	---	---	---
1½"	DM21	10.25	50	RDM21	73.50	50
1½"	DMXL21 ¹	24.15	25	---	---	---
2"	DM26	11.55	50	RDM26	82.70	10
2"	DMXL26 ¹	29.05	25	---	---	---
2½"	DM31	18.65	25	---	---	---
3"	DM36	22.50	20	RDM36	183.30	5
4"	DM46	41.40	10	RDM46	216.30	5
5"	DM51	130.00	5	---	---	---
6"	DM66	100.55	4	---	---	---
8"	DM86	218.00	1	---	---	---
10"	DM100	335.00	1	---	---	---
12"	DM120	512.30	1	---	---	---

¹ XL series has extra long shank

Steel King™ Hose Menders



• **They are not for compressible products such as air, nitrogen or steam.**

- The working pressure may vary with the construction of the hose, the type of clamping system used and the application. Consult Dixon™ for recommendations.
- In accordance with the ARPM bulletin for oil suction and discharge hose, a coupled length of hose in any size, should be tested to 1½ times the working pressure and held for fifteen minutes without leaking or coupling movement. For additional information and detailed instruction on testing procedures, see the Association for Rubber Products Manufacturer's (ARPM) handbook or visit ARPMINC.com.



for 1 clamp each end



for 2 clamps each end

for 1 clamp each end

for 2 clamps each end

Size	Steel		Steel	
	Part #	Price/E	Part #	Price/E
¼"	KM21	\$7.65	---	---
5/16"	KM251	8.00	---	---
½"	KM41	8.80	KM42	\$11.90
⅝"	KM51	11.30	KM52	12.10
¾"	KM61	8.75	KM62	11.60
1"	KM81	8.60	KM82	11.90
1¼"	KM101	7.80	KM102	13.65
1½"	KM121	11.10	KM122	20.75
2"	---	---	KM162	28.70

Dixon™ 316 Stainless Steel Menders



Size	Length	Stainless Steel	
		Part #	Price/E
¼"	2-1/32"	RM2	\$15.20
⅜"	2-1/16"	RM3	16.30
½"	2-1/16"	RM4	24.45
¾"	2½"	RM6	31.40

Dixon™ Brass Hose Menders

Size	Brass		Opt Qty
	Part #	Price/E	
1/8"	BM1	\$1.98	100
3/16"	BM15	1.75	100
1/4"	BM2	2.04	100
1/4" x 1/8"	BM2-1	2.51	100
5/16"	BM25	2.34	100
3/8"	BM3	2.40	100
3/8" x 1/4"	BM3-2	3.16	100
1/2"	BM4	3.36	50
1/2" x 3/8"	BM4-3	4.00	50
5/8"	BM5	4.00	50
5/8" x 3/8"	BM5-3	4.41	50
5/8" x 1/2"	BM5-4	5.37	50
3/4"	BM6	5.60	50
3/4" x 1/2"	BM6-4	6.22	50
1"	BM8	10.50	10



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Tuff-Lite™ Nylon Menders

Feature:

- maximum working temperature: 150°F

Size	Nylon		Pkg Qty
	Part #	Price/E	
1/4"	TM2 ¹	\$0.82	50
5/16"	TM25 ¹	0.83	50
3/8"	TM3 ¹	0.85	50
1/2"	TM4 ¹	1.10	50
5/8"	TM5 ¹	1.50	50
3/4"	TM6 ¹	1.50	50
1"	TM8 ¹	1.82	25
1-1/4"	TM16	4.55	---
1-1/2"	TM21	7.45	---
2"	TM26	10.30	---
4"	TM46	60.50	---
6"	TM66	85.10	---



1/4" - 2" menders



4" - 6" menders

¹ TM2 through TM8 sold in package quantity only.

Tuff-Lite™ Nylon Push-On Menders

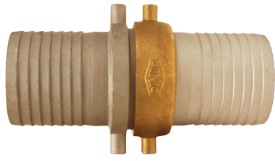
Features:

- no clamps needed when used with push-on hose
- sold in package quantity only

Size	Nylon		Pkg Qty
	Part #	Price/E	
1/4"	TPM2	\$0.65	50
3/8"	TPM3	0.71	50
1/2"	TPM4	0.87	50



King™ Short Shank Suction Couplings, NPSM Thread



complete with NPSM thread



female with NPSM thread



1" - 2½"



3" - 6"

male with NPSM thread

Size	Aluminum shank with Brass nut		Pkg Qty	Aluminum shank with Brass nut		Aluminum	
	Complete Part #	Price/E		Female Part #	Price/E	Male Part #	Price/E
1½"	CAB150	\$13.90	60	FAB150	\$9.45	MA150	\$4.15
2"	CAB200	20.50	40	FAB200	14.10	MA200	5.25
2½"	CAB250	37.30	30	FAB250	24.25	MA250	11.65
3"	CAB300	42.90	18	FAB300	27.00	MA300	13.85
4"	CAB400	85.00	8	FAB400	59.25	MA400	27.20
6"	CAB600	178.00	6	FAB600	118.00	MA600	52.00

Size	Brass shank with Brass nut		Brass shank with Brass nut		Brass	
	Complete Part #	Price/E	Female Part #	Price/E	Male Part #	Price/E
1¼"	CBB125	\$36.00	FBB125	\$20.50	MB125	\$19.20
1½"	CBB150	38.70	FBB150	24.10	MB150	18.10
2"	CBB200	55.00	FBB200	32.40	MB200	26.50
2½"	CBB250	88.70	FBB250	49.00	MB250	50.60
3"	CBB300	142.00	FBB300	84.70	MB300	67.75
4"	CBB400	212.00	FBB400	128.40	MB400	91.00

Size	Plated Iron shank with Plated Iron nut		Plated Iron shank with Plated Iron nut		Plated Iron	
	Complete Part #	Price/E	Female Part #	Price/E	Male Part #	Price/E
1"	S33 ¹	\$26.25	S12 ¹	\$15.60	S10	\$10.65
1¼"	S48	39.35	S17	22.65	S15	16.70
1½"	S63	38.60	S22	21.50	S20	17.10
2"	S78	52.90	S27	29.50	S25	23.40
2½"	S93	92.00	S32	55.00	S30	37.00
3"	S111	99.60	S38	49.90	S36	49.70
4"	S123	166.20	S42	90.50	S40	75.70
5"	S168	341.50	S57	222.50	S55	119.00
6"	S183	349.00	S62	203.65	S60	145.35

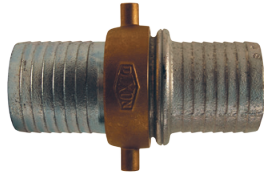
Size	Plated Iron shank with Brass nut		Plated Iron shank with Brass nut		Plated Iron	
	Complete Part #	Price/E	Female Part #	Price/E	Male Part #	Price/E
1"	SB33 ¹	\$32.65	SB12 ¹	\$22.00	S10	\$10.65
1¼"	SB48	35.90	SB17	19.20	S15	16.70
1½"	SB63	35.10	SB22	18.00	S20	17.10
2"	SB78	47.20	SB27	24.50	S25	23.40
2½"	SB93	82.40	SB32	46.35	S30	37.00
3"	SB111	95.35	SB38	46.65	S36	49.70
4"	SB123	155.60	SB42	81.40	S40	75.70
5"	SB168	326.85	SB57	207.85	S55	119.00
6"	SB183	333.70	SB62	188.35	S60	145.35

• complete couplings supplied with rubber gaskets

¹ 1" fittings have a hex nut design

Replacement gaskets (KRW standard) are available, see page 302.

King™ Short Shank Suction Couplings, NST (NH) Thread



complete with NST (NH) thread



female with NST (NH) thread



male with NST (NH) thread

Size	Aluminum shank with Brass nut		Aluminum shank with Brass nut		Aluminum	
	Complete Part #	Price/E	Female Part #	Price/E	Male Part #	Price/E
1½"	CAB150N	\$29.75	FAB150N	\$17.60	MA150N	\$9.00
2½"	CAB250N	57.50	FAB250N	33.50	MA250N	17.85

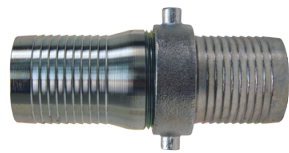
Size	Brass shank with Brass nut		Brass shank with Brass nut		Brass	
	Complete Part #	Price/E	Female Part #	Price/E	Male Part #	Price/E
1½"	BS63N	\$73.70	BS22N	\$27.45	BS201	\$46.25
2½"	BS93N	157.95	BS32N	65.75	BS301	92.20

Size	Plated Iron shank with Plated Iron nut		Plated Iron shank with Plated Iron nut		Plated Iron	
	Complete Part #	Price/E	Female Part #	Price/E	Male Part #	Price/E
1½"	S63N	\$51.35	S22N	\$29.20	S201	\$22.15
2½"	S93N	92.90	S32N	50.00	S301	42.90

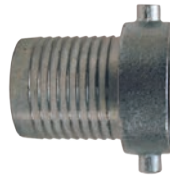
Size	Plated Iron shank with Brass nut		Plated Iron shank with Brass nut		Plated Iron	
	Complete Part #	Price/E	Female Part #	Price/E	Male Part #	Price/E
1½"	SB63N	\$52.45	SB22N	\$30.30	S201	\$22.15
2½"	SB93N	108.40	SB32N	65.50	S301	42.90

• NST (Common Fire Hose Thread) is also known as NH

Steel King™ Short Shank Suction Couplings, NPSM Thread



complete with NPSM thread



female with NPSM thread



male with NPSM thread

Size	Plated Steel shank with Plated Iron nut		Plated Steel shank with Plated Iron nut		Plated Steel	
	Complete Part #	Price/E	Female Part #	Price/E	Male Part #	Price/E
1¼"	CSM125	\$41.75	FCSM125	\$23.90	MCS125	\$17.85
1½"	CSM150	33.65	FCSM150	20.35	MCS150	13.30
2"	CSM200	47.70	FCSM200	27.60	MCS200	20.10
2½"	CSM250	62.55	FCSM250	33.10	MCS250	29.45
3"	CSM300	78.25	FCSM300	44.15	MCS300	34.10
4"	CSM400	132.85	FCSM400	85.00	MCS400	47.85
6"	CSM600	267.25	FCSM600	150.15	MCS600	117.10

Size	Plated Steel shank with Brass nut		Plated Steel shank with Brass nut		Plated Steel	
	Complete Part #	Price/E	Female Part #	Price/E	Male Part #	Price/E
1¼"	CSB125	\$45.15	FCSB125	\$27.30	MCS125	\$17.85
1½"	CSB150	32.90	FCSB150	19.60	MCS150	13.30
2"	CSB200	42.10	FCSB200	22.00	MCS200	20.10
2½"	CSB250	64.70	FCSB250	35.25	MCS250	29.45
3"	CSB300	75.75	FCSB300	42.50	MCS300	34.10
4"	CSB400	135.90	FCSB400	88.05	MCS400	47.85
6"	CSB600	259.85	FCSB600	142.75	MCS600	117.10

Replacement gaskets (KRW standard) are available, see page 302.

Pin Lug Spanner Wrenches

single end wrench



Size	Plated Iron	
	Part #	Price/E
2"	SW20	10.15
2½"	SW25	11.55
3"	SW30	13.25
4"	SW40	13.85
6"	SW60	84.85

double end wrench



Size	Plated Iron	
	Part #	Price/E
1½", 2" x 2½", 3"	SW153	\$25.50

- Additional spanner wrenches are also available on pages 631-634.

Gaskets for Suction, Long and Short Shank Couplings



NPSM only

NST only

Size	Rubber (Styrene Butadiene)		Neoprene		FKM		Leather		Rubber for NST thread	
	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
½"	KRW1	\$0.45	---	---	---	---	KLW1	\$2.60	---	---
¾"	KRW5	0.45	KNW5	\$0.50	---	---	KLW5	1.75	---	---
1"	KRW10	0.45	KNW10	0.50	KVW10	\$3.85	KLW10	1.80	---	---
1¼"	KRW15	0.45	KNW15	0.95	---	---	KLW15	1.90	---	---
1½"	KRW20	0.55	KNW20	0.75	KVW20	7.25	KLW20	2.25	KRW2075	\$1.85
2"	KRW25	0.70	KNW25	0.85	KVW25	10.10	KLW25	4.45	---	---
2½"	KRW30	0.90	KNW30	0.95	---	---	KLW30	2.60	KRW3075	1.90
3"	KRW35	0.90	KNW35	1.35	KVW35	21.85	KLW35	4.30	---	---
4"	KRW40	1.50	KNW40	2.15	---	---	KLW40	4.95	---	---
5"	KRW50	3.50	---	---	---	---	---	---	---	---
6"	KRW60	4.45	KNW60	6.35	---	---	---	---	---	---
8"	KRW80	9.80	KNW80	12.10	---	---	---	---	---	---

Super King Long Shank Couplings for Bulk Handling

NPSM Female Coupling



pin lug nut

KLW leather gaskets standard



hex nut

PTFE gaskets standard

Size	Shank Length	Plated Steel Shank with Brass Pin Lug Nut		Plated Steel Shank with Iron Pin Lug Nut		316 Stainless Shank with Iron Pin Lug Nut		316 Stainless Shank with Stainless Hex Nut	
		Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
1 1/4"	4 1/8"	SD15	\$44.75	SDMP15	\$44.35	---	---	---	---
1 1/2"	4 1/8"	SD20	47.20	SDMP20	46.10	---	---	RSHR20 ¹	\$126.00
2"	5"	SD25	58.35	SDMP25	57.20	RSDM25	\$116.00	RSDR25 ¹	157.00
2 1/2"	5"	SD30	86.50	SDMP30	82.00	---	---	---	---
3"	5"	SD35	85.45	SDMP35	81.10	RSDM35	158.00	---	---
4"	5"	SD40	124.00	SDMP40	123.00	---	---	---	---

¹ hex nut design

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NPT Male Couplings



Size	Shank Length	Plated Steel		316 Stainless	
		Part #	Price/E	Part #	Price/E
1 1/4"	4-3/8"	SK16	\$19.25	---	---
1 1/2"	4-5/32"	SK21	22.80	---	---
2"	5-5/16"	SK26	27.55	RSK26	\$80.00
2 1/2"	5-5/16"	SK31	47.90	---	---
3"	5-1/2"	SK36	51.45	RSK36	148.00
4"	5-1/2"	SK46	72.30	---	---

- All Super King long shank couplings will accept 3 band clamps.
- Replacement FKM (KVV) gaskets are available on page 302. PTFE gaskets are available on page 762.

Spray Hose Couplings



complete coupling



female



male



gasket

Hose ID	NPSM Thread	Plated Steel		Plated Steel		Plated Steel		Leather	
		Complete Part #	Price/E	Female Part #	Price/E	Male Part #	Price/E	Gasket Part #	Price/E
3/8"	3/4"	SS306	\$30.45	SS346	\$14.60	SS316	\$15.85	KLW5	\$1.75
1/2"	1/2"	SS404	37.50	SS444	23.50	SS414	14.00	KLW1	2.60
1/2"	3/4"	SS406	30.30	SS446	13.00	SS416	17.30	KLW5	1.75
3/4"	3/4"	SS606	38.60	SS646	23.60	SS616	15.00	KLW5	1.75
1"	1"	SS808	69.05	SS848	47.55	SS818	21.50	KLW10	1.80

Hose ID	GHT Thread	Plated Steel		Plated Steel		Plated Steel		Leather	
		Complete Part #	Price/E	Female Part #	Price/E	Male Part #	Price/E	Gasket Part #	Price/E
3/8"	3/4"	SS307	\$25.55	SS347	\$14.05	SS317	\$11.50	KLW5	\$1.75
1/2"	3/4"	SS407	23.95	SS447	12.15	SS417	11.80	KLW5	1.75
5/8"	3/4"	SS507	27.70	SS547	13.70	SS517	14.00	KLW5	1.75
3/4"	3/4"	SS607	37.75	SS647	24.55	SS617	13.20	KLW5	1.75

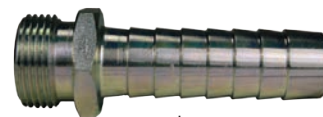
Long Shank Couplings



complete coupling



female



male

Hose ID	NPSM Thread	Plated Steel		Plated Steel		Plated Steel	
		Complete Part #	Price/E	Female Part #	Price/E	Male Part #	Price/E
1/2"	1/2"	SLS404	\$26.30	SLS444	\$13.80	SLS414	\$12.50
3/4"	3/4"	SLS606	29.30	SLS646	15.10	SLS616	14.20
1"	1"	SLS808	41.40	SLS848	22.15	SLS818	19.25

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Hose ID	GHT Thread	Plated Steel		Plated Steel		Plated Steel	
		Complete Part #	Price/E	Female Part #	Price/E	Male Part #	Price/E
3/8"	3/4"	SLS307	\$30.75	SLS347	\$17.40	SLS317	\$13.35
1/2"	3/4"	SLS407	27.50	SLS447	16.20	SLS417	11.30
5/8"	3/4"	SLS507	24.90	SLS547	12.50	SLS517	12.40
3/4"	3/4"	SLS607	26.60	SLS647	13.60	SLS617	13.00

Hose ID	NPSM Thread	Plated Iron		Plated Iron		Plated Iron	
		Complete Part #	Price/E	Female Part #	Price/E	Male Part #	Price/E
1 1/4"	1 1/4"	MLS48	\$54.05	MLS33	\$26.25	MLS15	\$28.35
1 1/2"	1 1/2"	MLS63	57.85	MLS43	28.15	MLS20	29.70
2"	2"	MLS78	80.00	MLS53	47.00	MLS25	33.00

Hose ID	NPSM Thread	Brass		Brass		Brass	
		Complete Part #	Price/E	Female Part #	Price/E	Male Part #	Price/E
1/2"	1/2"	BLS404	\$25.60	BLS444	\$12.50	BLS414	\$10.69
1/2"	3/4"	BLS406	29.50	BLS446	12.75	BLS416	13.35
5/8"	3/4"	BLS506	25.00	BLS546	13.75	BLS516	9.18
3/4"	3/4"	BLS606	24.25	BLS646	12.85	BLS616	11.38
1"	1"	BLS808	35.72	BLS848	17.00	BLS818	18.75
1 1/4"	1 1/4"	BLS48	81.80	BLS33	45.80	BLS15	36.00
1 1/2"	1 1/2"	BLS63	108.95	BLS43	59.75	BLS20	49.20
2"	2"	BLS78	163.25	BLS53	89.75	BLS25	73.50

- sizes 1/2" to 1" are machined; 1 1/4" to 2" are cast

Hose ID	GHT Thread	Brass		Brass		Pkg Qty	Brass		Pkg Qty
		Complete Part #	Price/E	Female Part #	Price/E		Male Part #	Price/E	
1/2"	3/4"	BLS407	\$18.40	BLS447	\$9.48	150	BLS417¹	\$8.91	150
5/8"	3/4"	BLS507	18.63	BLS547	9.63	150	BLS517¹	9.00	150
3/4"	3/4"	BLS607	18.70	BLS647	9.63	150	BLS617¹	9.06	150

- ¹ redesigned with extended male GHT, deeper thread

Hose ID	NST Thread	Brass		Brass		Brass	
		Complete Part #	Price/E	Female Part #	Price/E	Male Part #	Price/E
1 1/2"	1 1/2"	BLS63NST	\$125.85	BLS150NST	\$72.25	BLS20NST	\$53.60
2 1/2"	2 1/2"	BLS93NST	228.75	BLS250NST	118.00	BLS30NST	110.75

Replacement gaskets (KRW standard) are available, see page 302.

316 Stainless Steel Inserts

- brass inserts are available on page 346

Hose Size	NPT Size	Part #	Price/E
1/8"	1/8"	RN11	\$14.00
3/16"	1/8"	RN151	16.70
3/16"	1/4"	RN152	16.20
1/4"	1/8"	RN21	13.20
1/4"	1/4"	RN22	11.60
1/4"	3/8"	RN23	21.85
5/16"	1/8"	RN251	14.90
5/16"	1/4"	RN252	17.60
5/16"	3/8"	RN253	20.00
3/8"	1/8"	RN31	12.15
3/8"	1/4"	RN32	11.80
3/8"	3/8"	RN33	14.50
3/8"	1/2"	RN34	29.55
1/2"	1/4"	RN42	15.50
1/2"	3/8"	RN43	22.15
1/2"	1/2"	RN44	28.95
1/2"	3/4"	RN46	36.35
5/8"	3/8"	RN53	24.25
5/8"	1/2"	RN54	27.00
5/8"	3/4"	RN56	36.15
3/4"	1/2"	RN64	40.95
3/4"	3/4"	RN66	48.00
1"	3/4"	RN86	54.00
1"	1"	RKHN881 ¹	78.50

¹ same shank style as KHN881 shown on page 296



G

316 Stainless Short Shank Couplings

Feature:

- Standard gasket is rubber (KRW); for FKM gaskets (KVW) see page 302.

Size	316 Stainless Steel	
	Complete Part #	Price/E
1/2"	RES404	\$98.90
3/4"	RES606	62.35
1"	RES808	63.80
1 1/4"	RES48	166.40
1 1/2"	RES63	131.60
2"	RES78	169.75



complete coupling

Size	316 Stainless Steel	
	Female Part #	Price/E
1/2"	RES444	\$77.80
3/4"	RES646	41.20
1"	RES848	42.55
1 1/4"	RES33	139.30
1 1/2"	RES43	99.00
2"	RES53	124.75

female with nut
NPSM thread

Size	316 Stainless Steel		Opt Qty
	Male Part #	Price/E	
1/2"	RST1 ¹	\$21.10	50
3/4"	RST5 ¹	21.15	50
1"	RST10	21.25	50
1 1/4"	RST15	27.10	50
1 1/2"	RST20	33.25	50
2"	RST25	45.00	25

male
NPT thread

¹ made from investment casting

Quick Connect Fittings

Application:

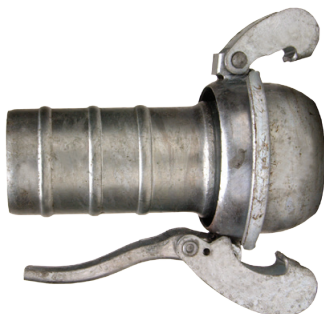
- used primarily on irrigation and suction lines

Features:

- hot dipped, galvanized
- has a double pin locking lever for smooth closing action.
- Type A (*Agri-Lock style*) locks on the female side.
- Type B (*Bauer style*) locks on the male side.
- Each coupler is equipped with a safety pin to prevent accidental openings.
- *These fittings are not recommended for chemicals or any hazardous type materials where the possibility of leakage would result in health or environmental concerns. Consult Dixon™ for recommendations.*



**(Bauer style)
Type B**



Type B male with hose shank



Type B female with hose shank with gasket

Size	Galvanized Steel	
	Part #	Price/E
2"	MC3092	\$43.50
3"	MC3093	69.50
4"	MC3094	124.90
6"	MC3096	219.25
8"	MC3098	422.00
10"	MC30910 ¹	860.50
12"	MC30912 ¹	1054.00

Size	Galvanized Steel	
	Part #	Price/E
2"	FC3102	\$24.50
3"	FC3103	33.00
4"	FC3104	57.00
6"	FC3106	97.50
8"	FC3108	185.60
10"	FC31010	376.75
12"	FC31012	483.70

¹ 10" and 12" supplied with ACB304 lever assist bar



Type B male with male NPT



Type B female with male NPT with gasket

Size	Galvanized Steel	
	Part #	Price/E
2"	MCM3112	\$60.50
3"	MCM3113	89.00
4"	MCM3114	149.75
6"	MCM3116	270.50
8"	MCM3118	525.00

Size	Galvanized Steel	
	Part #	Price/E
2"	FCM3122	\$40.50
3"	FCM3123	51.50
4"	FCM3124	83.25
6"	FCM3126	142.50
8"	FCM3128	293.00

Quick Connect Fittings

(Bauer style)
Type B

Features:

- Dixon™ combination nipple style hose shank machined from Schedule 40 pipe
- recommended for use with steel King Crimp™ sleeves
- all components are galvanized



Type B male with machined steel hose shank

Size	Machined Steel	
	Part #	Price/E
2"	MC3092ST25	\$99.65
3"	MC3093ST35	159.00
4"	MC3094ST40	197.00
6"	MC3096ST60	394.00
8"	MC3098ST80	655.00

Type B female with machined steel hose shank with gasket

Size	Machined Steel	
	Part #	Price/E
2"	FC3102ST25	\$82.10
3"	FC3103ST35	128.25
4"	FC3104ST40	153.00
6"	FC3106ST60	295.00
8"	FC3108ST80	428.00



Type B male with 150 ASA flange

Size	Galvanized Steel	
	Part #	Price/E
4"	MC3134	\$228.00
6"	MC3136	403.50
8"	MC3138	735.25
10"	MC31310¹	1335.00
12"	MC31312¹	1646.20

Type B female with 150 ASA flange with gasket

Size	Galvanized Steel	
	Part #	Price/E
4"	FC3144	\$152.00
6"	FC3146	262.50
8"	FC3148	453.60
10"	FC31410	804.70
12"	FC31412	1040.25

¹ 10" and 12" supplied with ACB304 lever assist bar



Type B male

Type B female with gasket

Size	Unplated Steel	
	Part #	Price/E
2"	3032	\$4.35
3"	3033	4.90
4"	3034	13.50
6"	3036	20.50
8"	3038	42.00
10"	30310	93.70
12"	30312	134.00

Size	Unplated Steel	
	Part #	Price/E
2"	3022	\$5.90
3"	3023	6.85
4"	3024	17.10
6"	3026	36.10
8"	3028	69.25
10"	30210	163.75
12"	30212	230.70

• Female and male fittings are commonly used for butt-welding to pipe.



Quick Connect Fittings

(Bauer style)
Type B

Type B male x female 90° elbow with gasket

Type B male x female 45° elbow with gasket

G

Size	Galvanized Steel	
	Part #	Price/E
4"	EL3154-90	\$211.00
6"	EL3156-90	399.60
8"	EL3158-90	691.00
10"	EL31510-90 ¹	1340.25
12"	EL31512-90 ¹	1687.00

¹ 10" and 12" supplied with ACB304 lever assist bar

Size	Galvanized Steel	
	Part #	Price/E
4"	EL3154-45	\$211.00
6"	EL3156-45	399.60
8"	EL3158-45	584.50
10"	EL31510-45 ¹	1160.80
12"	EL31512-45 ¹	1472.70

¹ 10" and 12" supplied with ACB304 lever assist bar

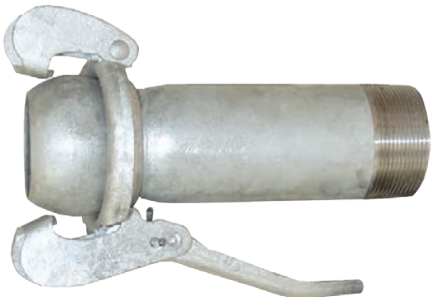
Type B female x male reducer with gasket

Type B female x male increaser with gasket

Female Size	Male Size	Galvanized Steel	
		Part #	Price/E
6"	4"	FMR31864	\$182.40
8"	6"	FMR31886	353.50
10"	8"	FMR318108 ¹	686.30
12"	10"	FMR3181210 ¹	1217.90

¹ 10" and 12" supplied with ACB304 lever assist bar

Female Size	Male Size	Galvanized Steel	
		Part #	Price/E
4"	6"	FMI31946	\$232.70
6"	8"	FMI31968	470.00
8"	10"	FMI319810	948.00
10"	12"	FMI3191012 ¹	1280.00

¹ 10" and 12" supplied with ACB304 lever assist bar

Type B male with male NPT - extra long

Standard Strainer Square Hole Type

Size	Galvanized Steel	
	Part #	Price/E
2"	MCM3112XL	\$66.75
3"	MCM3113XL	102.60
4"	MCM3114XL	171.60
6"	MCM3116XL	326.50
8"	MCM3118XL	614.60

NPT Size	Zinc Plated Steel	
	Part #	Price/E
2"	SHS25	\$26.00
3"	SHS35	38.50
4"	SHS40	54.00
6"	SHS60	156.25
8"	SHS80	357.10

Quick Connect Fittings

(Bauer style)

Type B



Type B male plug

Size	Galvanized Steel	
	Part #	Price/E
2"	MP3232	\$39.00
3"	MP3233	60.75
4"	MP3234	105.50
6"	MP3236	190.10
8"	MP3238	350.75
10"	MP32310 ¹	761.60
12"	MP32312 ¹	944.80



Type B female plug with gasket

Size	Galvanized Steel	
	Part #	Price/E
2"	FP3082	\$16.70
3"	FP3083	18.90
4"	FP3084	35.50
6"	FP3086	81.25
8"	FP3088	129.25
10"	FP30810	326.25
12"	FP30812	450.75

¹ 10" and 12" supplied with ACB304 lever assist bar



Type B lever ring

Size	Galvanized Steel	
	Part #	Price/E
2"	LR3042	\$22.50
3"	LR3043	40.90
4"	LR3044	73.10
6"	LR3046	140.00
8"	LR3048	268.25
10"	LR30410	569.00
12"	LR30412	685.00



Type B accessory

Size	Description	Galvanized Steel	
		Part #	Price/E
10" & 12"	lever assist bar for 10" and 12" Type B fittings	ACB304	\$41.75



Type B gaskets

Size	Rubber		EPDM	
	Part #	Price/E	Part #	Price/E
2"	RG3052	\$1.15	RG3062	\$4.55
3"	RG3053	2.05	RG3063	6.35
4"	RG3054	5.20	RG3064	9.85
6"	RG3056	10.10	RG3066	20.75
8"	RG3058	23.00	RG3068	38.00
10"	RG30510	33.75	RG30610	47.50
12"	RG30512	51.25	RG30612	60.50



2" - 8"



10" - 12"

Type B safety clips

Size	Galvanized Steel	
	Part #	Price/E
2"	SP59	\$8.55
3"	SP76	8.95
4"	SP89	9.70
6"	SP159	10.00
8"	SP159	10.00
10"	SP390	13.10
12"	SP390	13.10

Quick Connect Fittings

(Agri-Lock style)

Type A



10" pictured

Type A female with hose shank with gasket

Size	Galvanized Steel	
	Part #	Price/E
10"	FC21210	\$346.25
12"	FC21212 ¹	630.00

¹ 12" supplied with M20412 lever assist bar found on page 311

Features:

- Dixon™ combination nipple style hose shank machined from Schedule 40 pipe
- recommended for use with steel King Crimp™ sleeves
- all components are galvanized



Type A male with hose shank

Size	Galvanized Steel	
	Part #	Price/E
10"	MC21110	\$352.80
12"	MC21112	551.50



12" pictured

Type A female with hose shank with gasket

Size	Part #	Steel	Price/E
10"	FC21210ST100		\$779.00
12"	FC21212ST120 ¹		1075.00

¹ 12" supplied with M20412 lever assist bar found on page 311

Type A male with hose shank

Size	Part #	Steel	Price/E
10"	MC21110ST100		\$765.00
12"	MC21112ST120		877.00



12" pictured

Type A female with 150 ASA flange with gasket

Size	Galvanized Steel	
	Part #	Price/E
10"	FC22310	\$875.50
12"	FC22312 ¹	1257.00

¹ 12" supplied with M20412 lever assist bar found on page 311

Type A male with 150 ASA flange

Size	Galvanized Steel	
	Part #	Price/E
10"	MC22210	\$891.25
12"	MC22212	1216.80

Quick Connect Fittings

(Agri-Lock style)

Type A



12" pictured

Type A female - for welding to pipe

Size	Unplated Steel	
	Part #	Price/E
10"	20410	\$143.00
12"	20412	300.00



Type A male - with ring for welding

Size	Unplated Steel	
	Part #	Price/E
10"	21010	\$132.00
12"	21012	235.80



12" pictured

Type A male x female 90° elbow with gasket

Size	Galvanized Steel	
	Part #	Price/E
10"	EL21510-90	\$806.25
12"	EL21512-90¹	1265.75

¹ 12" supplied with M20412 lever assist bar



10" pictured

Type A female plug with gasket

Size	Galvanized Steel	
	Part #	Price/E
10"	FP20910	\$295.50
12"	FP20912¹	628.10

¹ 12" supplied with M20412 lever assist bar



Type A male plug with ring

Size	Galvanized Steel	
	Part #	Price/E
10"	MP21010	\$267.50
12"	MP21012	479.00



Type A gaskets

Size	Rubber		EPDM	
	Part #	Price/E	Part #	Price/E
10"	RG20510	\$26.25	RG20610	\$58.50
12"	RG20512	29.50	RG20612	66.50



Type A accessories

Size	Description	Galvanized Steel	
		Part #	Price/E
12"	assist bar for Type A 12" fittings	M20412	\$16.75
12"	safety pin for 12" fittings	SP290	14.50

Cast Iron Threaded Foot Valves



- **must** be installed in the *vertical position*
- for water service *only*
- not for compressed air or other compressible gases



complete assembly threaded



strainer



flapper assembly



valve



seat plate

G

NPT Size	Painted Cast Iron		Painted Cast Iron		Painted Cast Iron / Rubber		Rubber		Painted Cast Iron	
	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
1½"	DFVS20	\$32.55	FVS20	\$6.90	FVFA20	\$14.80	FVL20	\$6.65	FVSP20	\$6.35
2"	DFVS25	52.85	FVS25	10.60	FVFA25	17.80	FVL25	10.60	FVSP25	5.30
2½"	DFVS30	61.10	FVS30	20.95	FVFA30	22.30	FVL30	13.00	FVSP30	9.55
3"	DFVS35	77.70	FVS35	21.20	FVFA35	23.80	FVL35	19.65	FVSP35	15.20
4"	DFVS40	142.00	FVS40	28.80	FVFA40	35.00	FVL40	30.75	FVSP40	16.70
6"	DFVS60	339.95	FVS60	68.90	FVFA60	85.90	FVL60	65.75	FVSP60	36.10
8"	DFVS80	706.15	FVS80	189.35	FVFA80	187.80	FVL80	124.05	FVSP80	67.75

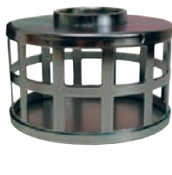
Strainers and Skimmers



standard strainer round hole type



standard strainer round hole type



standard strainer square hole type



long thin strainer round hole type



bottom skimmer round hole type



top skimmer round hole type

NPSM Size	Zinc Plated Steel		304 Stainless Steel		Zinc Plated Steel		Zinc Plated Steel		Zinc Plated Steel		Zinc Plated Steel	
	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
1½"	RHS20	\$26.00	RRHS20	\$286.25	SHS20	\$26.00	RSS20	\$22.90	DSB20	\$68.00	DST20	\$68.00
2"	RHS25	26.00	RRHS25	286.25	SHS25	26.00	RSS25	24.20	DSB25	76.00	DST25	76.00
2½"	RHS30	33.25	---	---	SHS30	36.20	---	---	---	---	---	---
3"	RHS35	38.50	RRHS35	400.00	SHS35	38.50	RSS35	36.70	DSB35	169.50	DST35	169.50
4"	RHS40	54.00	RRHS40	495.00	SHS40	54.00	RSS40	50.20	---	---	---	---
5"	---	---	---	---	---	---	---	---	---	---	---	---
6"	RHS60	156.25	RRHS60	1227.30	SHS60	156.25	---	---	---	---	---	---
8"	RHS80	357.10	RRHS80	2710.95	SHS80	357.10	---	---	---	---	---	---
10"	RHS100	655.00	---	---	SHS100	655.00	---	---	---	---	---	---
12"	RHS120	1191.00	---	---	SHS120	1191.00	---	---	---	---	---	---

NEW

Witches Hat Strainers & Gaskets

Features:

- for use with female cam and groove couplings
- pre-attached Buna-N gasket



Size	304 Stainless Steel		Buna	
	Strainer Part #	Price/E	Gasket Part #	Price/E
3"	WH300-A	\$36.25	WH300-G	\$9.50
4"	WH400-A	44.70	WH400-G	10.50

Polyethylene Strainers

NPT Size	Black Polyethylene	
	Part #	Price/E
1½"	TSS20	\$12.70
2"	TSS25	12.70
3"	TSS35	27.10






LIQUIfit™ Fittings

Application:

- Suitable for water, potable liquids and neutral gas applications: including water filtration, water coolers, coffee machines and beverage dispensers.

Features:

- EPDM seal secures connection with larger surface area than standard O-rings
- engineered polymer allows superior mechanical strength and chemical resistance
- full stainless gripping ring eliminates the need for locking clips
- release button protects and supports tubing
- FDA compliant
- meets California and Vermont <0.25% lead requirements
- NSF-51 listed for contact with food
- NSF-61 list C-Hot rated
- in compliance with the following standards:   

Specifications:

- working pressure:
 - ¼" **230 PSI** from 35°F to 100°F
150 PSI at 150°F
60 PSI at 200°F
 - ⅜" **190 PSI** from 35°F to 100°F
100 PSI at 150°F
60 PSI at 200°F
 - ½" **160 PSI** from 35°F to 100°F
100 PSI at 150°F
60 PSI at 200°F
- maximum torque values for NPTF threads:
 - ⅛" and ¼" 1.0 ft. lbs. / 1.5Nm
 - ⅜" and ½" 2.2 ft. lbs. / 3.0Nm

G

Male Connectors



tube to male NPTF

Tube OD	Male NPTF	Nylon Part #	Price/E	Pkg Qty
¼"	⅛"	65055611WP2	\$2.50	10
¼"	¼"	65055614WP2	2.90	10
⅜"	¼"	65056014WP2	4.25	10
⅜"	⅜"	65056018WP2	4.85	10
½"	⅜"	65056218WP2	6.70	5
½"	½"	65056222WP2	7.20	5

Faucet Connectors



tube to female UNS

Tube OD	Female UNS	Nylon Part #	Price/E	Pkg Qty
¼"	7/16-24	632556133WP2	\$4.90	10
⅜"	7/16-24	632560133WP2	5.50	10

Female Connectors



tube to female NPTF

Tube OD	Female NPTF	Nylon Part #	Price/E	Pkg Qty
¼"	¼"	63155614WP2	\$6.00	10
⅜"	⅜"	63156018WP2	6.90	10

Fixed Elbows



tube to male NPTF

Tube OD	Male NPTF	Nylon Part #	Price/E	Pkg Qty
¼"	⅛"	65795611WP2	\$3.90	10
¼"	¼"	65795614WP2	4.40	10
¼"	⅜"	65795618WP2	5.20	10
⅜"	¼"	65796014WP2	5.75	10
⅜"	⅜"	65796018WP2	5.90	10

LIQUIfit™ Fittings

Union Elbows



tube to tube

Tube OD	Nylon Part #	Price/E	Pkg Qty
1/4"	63025600WP2	\$4.05	10
3/8"	63026000WP2	6.30	10
1/2"	63026200WP2	7.65	5

Union Tees



tube to tube

Tube OD	Nylon Part #	Price/E	Pkg Qty
1/4"	63045600WP2	\$5.25	10
3/8"	63046000WP2	6.70	10
1/2"	63046200WP2	8.15	5

Union Connectors



tube to tube

Tube OD 1	Tube OD 2	Nylon Part #	Price/E	Pkg Qty
1/4"	1/4"	63065600WP2	\$3.70	10
1/4"	3/8"	63065660WP2	5.05	10
3/8"	3/8"	63066000WP2	5.05	10
3/8"	1/2"	63066062WP2	6.95	5
1/2"	1/2"	63066200WP2	5.85	5

Unequal Union Tee



tube to tube

Branch Tube OD 1	Run Tube OD 2	Nylon Part #	Price/E	Pkg Qty
1/4"	3/8"	63046056WP2	\$8.25	10

Bulkhead Unions



tube to tube

Tube OD	Nylon Part #	Price/E	Pkg Qty
1/4"	63165600WP2	\$6.90	10
3/8"	63166000WP2	9.05	10
1/2"	63166200WP2	12.10	5

Union Y Connectors



tube to tube to tube

Tube OD	Nylon Part #	Price/E	Pkg Qty
1/4"	63405600WP2	\$5.90	10
3/8"	63406000WP2	6.85	10
1/2"	63406200WP2	11.60	5

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LIQUIfit™ Fittings

Swivel Elbows



tube to male NPTF

Tube OD	Male NPTF	Nylon Part #	Price/E	Pkg Qty
1/4"	1/8"	65095611WP2	\$6.30	10
1/4"	1/4"	65095614WP2	6.30	10
1/4"	3/8"	65095618WP2	6.80	10
3/8"	1/4"	65096014WP2	8.65	10
3/8"	3/8"	65096018WP2	9.55	10
1/2"	3/8"	65096218WP2	12.35	4
1/2"	1/2"	65096222WP2	12.10	4

Stem Adapters



tube to male NPTF

Tube OD	Male NPTF	Nylon Part #	Price/E	Pkg Qty
1/4"	1/4"	65215614WP2	\$1.40	10
1/4"	3/8"	65215618WP2	2.05	10
3/8"	1/4"	65216014WP2	1.75	10
3/8"	3/8"	65216018WP2	2.20	10
1/2"	3/8"	65216218WP2	3.35	5
1/2"	1/2"	65216222WP2	3.35	5

End Stops



tube

Tube OD	Nylon Part #	Price/E	Pkg Qty
1/4"	63515600WP2	\$2.65	10
3/8"	63516000WP2	3.15	10

Swivel Branch Tees



tube to tube x male NPTF

Tube OD	Male NPTF	Nylon Part #	Price/E	Pkg Qty
1/4"	1/8"	65085611WP2	\$7.45	10
1/4"	1/4"	65085614WP2	7.45	10
1/4"	3/8"	65085618WP2	7.95	10
3/8"	1/4"	65086014WP2	9.50	10
3/8"	3/8"	65086018WP2	9.95	10

Swivel Male Run Tees



tube to male NPTF x tube

Tube OD	Male NPTF	Nylon Part #	Price/E	Pkg Qty
1/4"	1/8"	65035611WP2	\$7.45	10
1/4"	1/4"	65035614WP2	7.45	10
1/4"	3/8"	65035618WP2	7.95	10
3/8"	1/4"	65036014WP2	9.50	10
3/8"	3/8"	65036018WP2	9.65	10

Plugs



tube

Tube OD	Nylon Part #	Price/E	Pkg Qty
1/4"	63265600WP2	\$1.10	10
3/8"	63266000WP2	1.75	10
1/2"	63266200WP2	2.55	5

LIQUIfit™ Fittings

Hose Stems



tube to hose stem

Tube OD	Stem	Nylon Part #	Price/E	Pkg Qty
1/4"	1/4"	63225656WP2	\$2.35	10
3/8"	1/4"	63226056WP2	3.20	10
3/8"	5/16"	63226008WP2	3.50	10
3/8"	3/8"	63226060WP2	3.70	10
1/2"	3/8"	63226260WP2	4.00	10

Plug-in Reducers



tube to plug-in

Tube OD	Plug-in	Nylon Part #	Price/E	Pkg Qty
1/4"	5/16"	63665608WP2	\$3.55	10
1/4"	3/8"	63665660WP2	4.20	10
3/8"	1/2"	63666062WP2	7.60	5

Plug-in Elbows



tube to plug-in

Tube OD	Plug-in	Nylon Part #	Price/E	Pkg Qty
1/4"	1/4"	63825600WP2	\$3.80	10
3/8"	3/8"	63826000WP2	6.40	10
1/2"	1/2"	63826200WP2	7.60	5

Plug-in Tees



tube to tube x plug-in

Tube OD	Plug-in	Nylon Part #	Price/E	Pkg Qty
1/4"	1/4"	63885600WP2	\$5.60	10
3/8"	3/8"	63886000WP2	8.85	10
1/2"	1/2"	63886200WP2	10.70	5

TrueSeal™ Ball Valves

Application:

These corrosion resistant, all-plastic designed ball valves are ideal for water filtration units, coffee and beverage machines and a wide variety of other fluid applications.

Features:

- EPDM seal secures connection with larger surface area than standard O-rings
- full flow self-cleaning ball
- high-temperature, scale resistant Polysulfone ball
- glass-reinforced Polypropylene body
- FDA compliant
- NSF-51 listed for contact with food

Specifications:

- temperature range: **0°F to 225°F** (-18°C to 107°C)
- O-ring seal material: EPDM
- maximum operating pressure: **150 PSI**
- Burst pressure **600 PSI**
- Actual working pressures will be lower at elevated temperatures.

Valve Male Elbows



tube to male NPTF

Tube OD	Male NPTF	Nylon Part #	Price/E	Pkg Qty
1/4"	1/4"	PP4VME4-MG	\$14.55	10
1/4"	3/8"	PP4VME6-MG	19.00	10
1/4"	1/2"	PP4VME8-MG	23.20	10
3/8"	1/4"	PP6VME4-MG	14.25	10
3/8"	3/8"	PP6VME6-MG	17.15	10
3/8"	1/2"	PP6VME8-MG	24.05	10

Valve Female Elbows



tube to female NPTF

Tube OD	Female NPTF	Nylon Part #	Price/E	Pkg Qty
1/4"	1/4"	PP4VFE4-MG	\$14.90	10
1/4"	3/8"	PP4VFE6-MG	17.15	10
3/8"	1/4"	PP6VFE4-MG	15.85	10
3/8"	3/8"	PP6VFE6-MG	14.25	10

TrueSeal™ Ball Valves

Valve Male Connectors



tube to male NPTF

Tube OD	Male NPTF	Nylon Part #	Price/E	Pkg Qty
1/4"	1/4"	PP4VMC4-MG	\$13.75	10
1/4"	3/8"	PP4VMC6-MG	17.60	10
3/8"	1/4"	PP6VMC4-MG	14.15	10
3/8"	3/8"	PP6VMC6-MG	14.20	10

Valve Union Connectors



tube to tube

Tube OD 1	Tube OD 2	Nylon Part #	Price/E	Pkg Qty
1/4"	1/4"	PP4VUC4-MG	\$13.15	10
3/8"	1/4"	PP4VUC6-MG	16.45	10
3/8"	3/8"	PP6VUC6-MG	14.70	10

Valve Plug-in Elbow Unions



tube to plug-in

Tube OD	Stem	Nylon Part #	Price/E	Pkg Qty
1/4"	3/8"	PP4VTEU6-MG	\$18.65	10
3/8"	3/8"	PP6VTEU6-MG	20.75	10

Valve Female Connectors



tube to female NPTF

Tube OD	Female NPTF	Nylon Part #	Price/E	Pkg Qty
1/4"	1/8"	PP4VFC2-MG	\$17.45	10
1/4"	1/4"	PP4VFC4-MG	16.75	10
1/4"	3/8"	PP4VFC6-MG	16.75	10
3/8"	1/8"	PP6VFC2-MG	18.05	10
3/8"	1/4"	PP6VFC4-MG	17.35	10
3/8"	3/8"	PP6VFC6-MG	17.35	10

Valve Elbow Unions



tube to tube

Tube OD 1	Tube OD 2	Nylon Part #	Price/E	Pkg Qty
1/4"	1/4"	PP4VEU4-MG	\$21.10	10
1/4"	3/8"	PP4VEU6-MG	20.35	10
3/8"	1/4"	PP6VEU4-MG	19.60	10
3/8"	3/8"	PP6VEU6-MG	18.65	10

TrueSeal™ Check Valves

Application:

Push-to connect check valves ensure protection against reversal of flow. The valves have an arrow molded into the body to indicate the direction of flow. Valves are designed for connection with either thermoplastic or soft metal tubing and are intended for use with liquids only.

Features:

- body material: acetal
- O-ring: EPDM
- metal grip edge: 300 stainless steel
- NSF-51 listed
- maximum operating pressure: **150 PSI** (dependent on tubing used)
- temperature range: **34°F to 150°F** (1°C to 65°C)
- cracking pressure: 1/3 PSI



tube to tube

Tube OD	Acetal Part #	Price/E	Pkg Qty
1/4"	A4VC4-MG	\$23.00	25
3/8"	A6VC6-MG	26.95	25

Sharkbite® Push to Connect Fittings

Applications:

- for **water, dry, clean air** or **100% glycol solutions** only
- connects copper, CPVC, and PEX pipe in any combination
- approved for use underground and behind walls without access panels



Features:

- no soldering, clamps, unions or glue needed
- pressure rating: **200 PSI at 200°F**
- integral tube liner for PEX installations
- Fittings can be rotated after assembly for easier installation in tight spaces.
- easy to disconnect if needed
- design certified and listed to ASSE 1061/NSF 61
- listed by IAPMO
- meets UPC, IPC and cUPC requirements
- all Sharkbite® fittings are lead free

Straight Couplings



Tube Size	Forged Brass	
	Part #	Price/E
1/2" x 1/2"	U008	\$19.10
3/4" x 3/4"	U016	22.75
1" x 1"	U020	48.00

Reducing Couplings



Tube Size	Forged Brass	
	Part #	Price/E
3/4" x 1/2"	U058	\$22.75
1" x 3/4"	U060	52.50

Straight Connectors



Tube Size	Female NPT	Forged Brass	
		Part #	Price/E
1/2"	1/2"	U072	\$15.25
3/4"	3/4"	U088	18.20
1"	1"	U094	38.25



Tube Size	Male NPT	Forged Brass	
		Part #	Price/E
1/2"	1/2"	U120	\$15.25
3/4"	3/4"	U134	18.20
1"	1"	U140	38.25

Reducing Connectors



Tube Size	Female NPT	Forged Brass	
		Part #	Price/E
1/2"	3/4"	U068	\$18.20



Tube Size	Male NPT	Forged Brass	
		Part #	Price/E
1/2"	3/4"	U116	\$18.20

Sharkbite® Push to Connect Fittings

Elbows

Tube Size	Forged Brass	
	Part #	Price/E
1/2" x 1/2"	U248	\$21.00
3/4" x 3/4"	U256	25.50
1" x 1"	U260	52.50



Drop Ear Elbow

Tube Size	Female NPT	Forged Brass	
		Part #	Price/E
1/2"	1/2"	U334	\$21.00



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Tees

Tube Size	Forged Brass	
	Part #	Price/E
1/2"	U362	\$29.00
3/4"	U370	34.50



Reducing Tee

Tube Size (2)	Tube Size	Forged Brass	
		Part #	Price/E
3/4"	1/2"	U412	\$34.50



End Stops

Tube Size	Forged Brass	
	Part #	Price/E
1/2"	U514	\$17.25
3/4"	U518	21.00
1"	U520	43.25



Slip Couplings

Applications:

- for use with copper pipe only

Tube Size	Forged Brass	
	Part #	Price/E
1/2"	U3008	\$38.25
3/4"	U3016	45.50



Disconnect Clips

Size	ABS Plastic	
	Part #	Price/E
1/2"	U710	\$4.50
3/4"	U712	4.50
1"	U714	4.85



Water-Steam Washdown Station

Applications:

- Fail-safe mixing station safely blends steam and cold water for hot water on demand. Should cold water fail, the steam is instantly shut-off.



station is not supplied with hose and nozzle

Features:

- control valves (globe style)
- dial thermometer
- in-line check valves
- 3/4" inlet and outlet
- stainless steel hose rack
- mounting plate and hardware for wall mounting
- maximum operating pressure: **150 PSI**
- maximum temperature: **200°F**

Bronze Part #	Price/E
SWDS	\$3633.95

Pressure Requirements

Steam Pressure		Water Pressure	
Minimum	Maximum	Minimum	Maximum
80 PSI	90 PSI	50 PSI	80 PSI

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Hot and Cold Water Mixing Station



station is not supplied with hose and nozzle

Features:

- control valves (globe style)
- in-line check valves
- 3/4" inlet and outlet
- stainless steel hose rack
- mounting plate and hardware for wall mounting
- maximum operating pressure: **150 PSI**
- maximum temperature: **200°F**

Bronze Part #	Price/E
WDS1	\$1283.70

Rack for Mixing Station



Features:

- heavy duty stainless steel construction
- stainless steel lag screws
- heavy duty solid brass mounting crowns
- supplied with mounting hardware
- rack fits SWDS and WDS1 mixing stations
- holds 50' of 3/4" heavy duty industrial grade hose

Part #	Price/E
WDSR	\$211.20

Hot Water Washdown Hose



Features:

- smooth extruded Chlorobutyl tube
- white, wrapped Hypalon cover (.075" thick) with braided textile reinforcement
- furnished with internal stainless steel spring guards at both ends
- 3/4" male on one end and 1/2" male on the other
- working pressure: **250 PSI**
- maximum temperature: **200°F**


Hose ID x Length	Part #	Price/E
5/8" x 25'	SWDSHOSE25	\$794.05
5/8" x 50'	SWDSHOSE50	1340.95

Hot Water Washdown Spray Nozzles

Applications:

- for low pressure cleaning, tank and drum cleaning and chemical manufacturing

Features:

- designed for operator comfort
- variable spray pattern from conical spray to solid stream
- hose connects at base of gun for easy maneuvering
- ½" female NPT inlet
- rubber coated handle protects hands from water temperatures to 150°F
- 12.5 GPM flow capacity at 150 PSI
- Do not use with steam lines. 



Cover Color	Brass		Aluminum	
	Part #	Price/E	Part #	Price/E
black	BWSG	\$269.40	AWSG	\$288.75
white	BWSG-W	295.95	AWSG-W	309.05

Swivel Connectors for Washdown Spray Guns

Ball Type Swivel x Hose Shank

Features:

- 300 series stainless steel swivel connector for stainless spray nozzles
- 360° ball type swivel adapter helps prevent hose kinking

NPT	Hose ID	Part #	Price/E
½"	½"	SSA44	\$212.60
½"	⅝"	SSA54	212.60
½"	¾"	SSA64	212.60



Straight Swivel x Hose Shank

Features:

- swivel body
- EPDM gasket

NPT	Hose ID	Brass		Stainless Steel	
		Part #	Price/E	Part #	Price/E
½"	½"	BNS44	\$61.90	BNS44SS	\$81.40
½"	¾"	BNS64	61.90	BNS64SS	110.45



Straight Swivel x GHT Thread

NPT	Female GHT	Brass Part #	Price/E
½"	¾"	BMAS974	\$61.90



Thermal-Gard™ Elevated Temperature Spray Nozzle

Features:

- Thermal-Gard™ elevated temperature spray nozzle protects the operator from extreme hot water temperatures that exceed the comfort zone of standard hot water nozzles.
- Assembly includes required special rigid, stainless steel adapter, (⅜" male NPT x ½" female NPT).
- Thermal insulating sleeve reduces overall heat during elevated temperature conditions.
- Stainless steel lever handle is coated for additional thermal protection and operator comfort.
- Lightweight aluminum alloy body reduces overall weight
- Aluminum alloy body is electroless nickel plated for additional corrosion protection
- Recommended for water temperatures above 140°F to a maximum temperature of 200°F.
- 12.5 GPM flow capacity
- working pressure: 150 PSI
- ⅜" female NPT inlet
- black cover




Aluminum	
Part #	Price/E
AWSG-TG	\$355.80

Stainless Mini Spray Nozzle



Features:

- ½" female NPT inlet
- not for use with steam 
- designed as an industrial lightweight nozzle with heavyweight performance
- durable cover protects user from hot surfaces produced by high temperature wash down applications
- reduces hand fatigue and provides smooth lever action
- variable spray patterns from fan spray to solid stream
- drip-free automatic shutoff feature
- pressure rating **150 PSI at 200°F**
- flow: **9.6 GPM at 100 PSIG**

Stainless Steel with Dark Blue Cover

Part #	Price/E
DM150SDB	\$212.00

Stainless Spray Nozzle

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Features:

- ½" female NPT inlet
- designed to prevent accidental spray
- durable dark blue cover prevents front-mounted lever from being accidentally activated if nozzle is dropped
- reduces hand fatigue and provides smooth lever action
- trigger locking mechanism provides safe and secure method of keeping the nozzle open during any spray pattern
- variable spray patterns from fan spray to solid stream
- drip-free automatic shut-off feature
- can be used with **D150S-WAND**
- rated to **150 PSI / 200°F**
- **9.6 GPM** flow capacity at **100 PSIG**


Stainless

Part #	Price/E
D150SDB	\$402.00

Washdown Wand



Features:

- Designed to provide user with a means of 'reaching' desired washdown locations previously deemed unreachable by extending the nozzle by 3'.
- Adjustable spray tip can be changed from fan to solid spray by twisting the tip until the desired flow pattern is achieved.
- quick disconnect feature allows user to quickly connect wand to the nozzles above
- designed to only fit the D150DSB nozzle
- *Minimum pressure is 75 PSI, wand is not for use with steam.* 

300 Series Stainless Steel

Part #	Price/E
D150S-WAND	\$432.00

Temperature Indicating Spray Nozzle



Features:

- easy to read dial thermometer at rear of the nozzle provides accurate and continual monitoring of water temperature
- plastic sight window
- gauge assembly is recessed into the rubber cover for complete protection
- alerts the operator to shut-down the steam valve upon cold water failure, preventing scalding and steam burn injuries (ensures operator safety)
- ensures a more accurate discharge water temperature reading
- recommended for water temperatures to **200°F**
- maximum operating pressure: **150 PSI**
- **12.5 GPM** flow capacity
- ½" female NPT inlet
- black cover

Bronze

Part #	Price/E
BWSG-TI	\$427.75

Stainless Steel Industrial Grade Spray Nozzle

Application:

- Recommended for use in corrosive applications where bronze and aluminum nozzles are not suitable.

Features:

- heavy duty 300 series stainless steel body and barrel
- variable spray pattern adjusts from a soft spray to a solid stream
- Replaceable rubber cover is specially formulated to resist a wide range of oils and chemicals and protect surrounding equipment.
- maximum operating pressure: **150 PSI**
- maximum flow: **12.5 GPM** at **150 PSI**
- ½" female NPT inlet
- maximum temperature: **200°F**



300 Series Stainless Steel

Part #	Price/E
300SSSG	\$661.30

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Brass Industrial Grade Front Lever Spray Nozzle

Features:

- The brass industrial grade spray nozzle provides effortless one hand operation: by actuating the operating lever the valve is opened/closed and the jet power is regulated from spray to concentrated jet.
- The adjusting screw on the back of the gun allows you to fix the desired form of jet. The fixing clamp for the operating lever allows lockable position for service.
- maximum operating pressure: **350 PSI**
- suitable for hot water up to **122°F**
- flow: **6.6 GPM** at **72 PSI**
- ½" female NPT inlet
- durable



Brass

Part #	Price/E
DWG050	\$195.00

Straight Through Quick-Connect Fittings

Features:

- couplers have no internal valves which provide maximum flow with minimum pressure drop
- Buna-N gasket seal
- interchanges with Parker-Hannifin SST/BST, Foster FST and Hansen ST couplings
- *Do not disconnect with pressure in line.*



Female Couplers

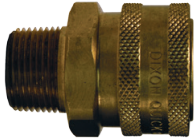
Body Size	NPTF Thread	PSI at 70°F	Material	Part #	Price/E	Opt Qty
1/4"	1/4" - 18	5500	brass	STFC2	\$8.37	12
3/8"	3/8" - 18	4500	brass	STFC3	10.33	12
1/2"	1/2" - 14	3500	brass	STFC4	14.91	12
3/4"	3/4" - 14	3100	brass	STFC6	28.69	12
1"	1" - 11 1/2	2500	brass	STFC8	41.30	1
1 1/4"	1 1/4" - 11 1/2	2500	brass	STFC10	111.56	1
1 1/2"	1 1/2" - 11 1/2	2500	brass	STFC12	152.90	1
2"	2" - 11 1/2	2500	brass	STFC16	210.64	1
1/4"	1/4" - 18	6700	303 stainless	STFC2SS	55.25	5
3/8"	3/8" - 18	5500	303 stainless	STFC3SS	80.50	5
1/2"	1/2" - 14	3000	303 stainless	STFC4SS	94.00	5
3/4"	3/4" - 14	3000	303 stainless	STFC6SS	161.25	5
1"	1" - 11 1/2	1700	303 stainless	STFC8SS	218.00	5
1 1/4"	1 1/4" - 11 1/2	2000	303 stainless	10EF10-S	294.22	10
1 1/2"	1 1/2" - 11 1/2	2000	303 stainless	12EF12-S	426.11	5
2"	2" - 11 1/2	2000	303 stainless	16EF16-S	507.29	1



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Male Couplers

Body Size	NPTF Thread	PSI at 70°F	Material	Part #	Price/E	Opt Qty
1/4"	1/4" - 18	5500	brass	STMC2	\$8.37	12
3/8"	3/8" - 18	4500	brass	STMC3	10.33	12
1/2"	1/2" - 14	3500	brass	STMC4	14.91	12
3/4"	3/4" - 14	3100	brass	STMC6	28.69	12
1"	1" - 11 1/2	2500	brass	STMC8	41.30	1
1 1/4"	1 1/4" - 11 1/2	2500	brass	STMC10	111.56	10
1 1/2"	1 1/2" - 11 1/2	2500	brass	STMC12	152.90	5
2"	2" - 11 1/2	2500	brass	STMC16	210.64	1
1/4"	1/4" - 18	6700	303 stainless	STMC2SS	57.10	5
3/8"	3/8" - 18	5500	303 stainless	STMC3SS	72.00	5
1/2"	1/2" - 14	3000	303 stainless	STMC4SS	99.00	5
3/4"	3/4" - 14	3000	303 stainless	STMC6SS	172.50	5
1"	1" - 11 1/2	1700	303 stainless	STMC8SS	291.25	5



Standard Hose Barb Couplers ¹


Body Size	Hose ID	PSI at 70°F	Material	Part #	Price/E	Opt Qty
1/4"	1/4"	5200	brass	2ES2-B	\$12.45	100
3/8"	3/8"	2800	brass	3ES3-B	13.77	50
1/2"	1/2"	2200	brass	4ES4-B	22.37	25
3/4"	3/4"	1700	brass	6ES6-B	34.42	20
1"	1"	1700	brass	8ES8-B	47.04	10



¹ Operating pressures for the standard hose barbs utilizing hose barb end connections may be dramatically reduced to that of the hose rating and/or hose and end connection combination. Consult hose manufacturer's catalog for hose end connection ratings. If in doubt, test under controlled conditions for suitability to application. Dixon™ cannot assume liability for misapplication of products resulting in equipment down-time, lost production, property damage and/or personal injury including death.

Straight Through Quick-Connect Fittings

Features:

- no internal valves, which provide maximum flow with minimum pressure drop
- interchanges with Parker-Hannifin SST/BST, Foster FST and Hansen ST couplings, see Hydraulic Profile Chart on page 850
- Do not disconnect with pressure in line. 

Female Plugs

Body Size	NPTF Thread	PSI at 70°F	Material	Part #	Price/E	Opt Qty
1/4"	1/4" - 18	5500	steel	STFP2	\$2.77	12
3/8"	3/8" - 18	4500	steel	STFP3	4.37	12
1/2"	1/2" - 14	3500	steel	STFP4	6.14	12
3/4"	3/4" - 14	3100	steel	STFP6	14.17	12
1"	1" - 11 1/2	2500	steel	STFP8	26.56	1
1 1/4"	1 1/4" - 11 1/2	2500	steel	STFP10	61.96	1
1 1/2"	1 1/2" - 11 1/2	2500	steel	STFP12	99.61	1
2"	2" - 11 1/2	2500	steel	STFP16	127.41	1
1/4"	1/4" - 18	3800	brass	STFP2B	5.20	12
3/8"	3/8" - 18	2700	brass	STFP3B	6.60	12
1/2"	1/2" - 14	2200	brass	STFP4B	9.85	12
3/4"	3/4" - 14	1700	brass	STFP6B	15.60	12
1"	1" - 11 1/2	1200	brass	STFP8B	29.25	1
1 1/4"	1 1/4" - 11 1/2	1800	brass	E10F10-B	54.02	10
1 1/2"	1 1/2" - 11 1/2	1800	brass	E12F12-B	87.79	5
2"	2" - 11 1/2	1800	brass	E16F16-B	119.30	1
1/4"	1/4" - 18	6700	303 stainless	STFP2SS	17.80	5
3/8"	3/8" - 18	5500	303 stainless	STFP3SS	20.75	5
1/2"	1/2" - 14	3000	303 stainless	STFP4SS	47.00	5
3/4"	3/4" - 14	3000	303 stainless	STFP6SS	71.10	5
1"	1" - 11 1/2	1700	303 stainless	STFP8SS	128.50	5
1 1/4"	1 1/4" - 11 1/2	2000	303 stainless	E10F10-S	139.00	10
1 1/2"	1 1/2" - 11 1/2	2000	303 stainless	E12F12-S	243.24	5
2"	2" - 11 1/2	2000	303 stainless	E16F16-S	312.74	1



H

Male Plugs

Body Size	NPTF Thread	PSI at 70°F	Material	Part #	Price/E	Opt Qty
1/4"	1/4" - 18	5500	steel	STMP2	\$2.77	12
3/8"	3/8" - 18	4500	steel	STMP3	4.37	12
1/2"	1/2" - 14	3500	steel	STMP4	6.14	12
3/4"	3/4" - 14	3100	steel	STMP6	14.17	12
1"	1" - 11 1/2	2500	steel	STMP8	26.56	1
1 1/4"	1 1/4" - 11 1/2	2500	steel	STMP10	69.49	1
1 1/2"	1 1/2" - 11 1/2	2500	steel	STMP12	99.61	1
2"	2" - 11 1/2	2500	steel	STMP16	133.20	1
1/4"	1/4" - 18	3800	brass	STMP2B	4.85	12
3/8"	3/8" - 18	2700	brass	STMP3B	6.00	12
1/2"	1/2" - 14	2200	brass	STMP4B	9.30	12
3/4"	3/4" - 14	1700	brass	STMP6B	13.70	12
1"	1" - 11 1/2	1600	brass	STMP8B	27.00	1
1 1/4"	1 1/4" - 11 1/2	1800	brass	E10M10-B	61.90	10
1 1/2"	1 1/2" - 11 1/2	1800	brass	E12M12-B	87.79	5
2"	2" - 11 1/2	1800	brass	E16M16-B	120.43	1
1/4"	1/4" - 18	6700	303 stainless	STMP2SS	15.90	5
3/8"	3/8" - 18	5500	303 stainless	STMP3SS	18.00	5
1/2"	1/2" - 14	3000	303 stainless	STMP4SS	43.00	5
3/4"	3/4" - 14	3000	303 stainless	STMP6SS	67.00	5
1"	1" - 11 1/2	1700	303 stainless	STMP8SS	136.50	5



Standard Hose Barb Plugs ¹

Body Size	Hose ID	PSI at 70°F	Material	Part #	Price/E	Opt Qty
1/4"	1/4"	3800	brass	E2S2-B	\$5.16	100
3/8"	3/8"	2800	brass	E3S3-B	6.31	50
1/2"	1/2"	2200	brass	E4S4-B	12.05	25
3/4"	3/4"	1700	brass	E6S6-B	15.78	20
1"	1"	1700	brass	E8S8-B	34.42	10
1/4"	1/4"	5200	steel	E2S2	6.03	100
3/8"	3/8"	2800	steel	E3S3	7.80	50
1/2"	1/2"	2200	steel	E4S4	14.65	25
3/4"	3/4"	1700	steel	E6S6	18.53	20
1"	1"	1700	steel	E8S8	37.07	10



¹ Operating pressures for the standard hose barbs utilizing hose barb end connections may be dramatically reduced to that of the hose rating and/or hose and end connection combination. Consult hose manufacturer's catalog for hose end connection ratings. If in doubt, test under controlled conditions for suitability to application. Dixon™ cannot assume liability for misapplication of products resulting in equipment down-time, lost production, property damage and/or personal injury including death.

Pressure Spray Guns



Features:

- 3/8" female inlet
- 1/4" female outlet
- temperatures to **300°F**
- anti-fatigue pressure compensating design
- W = weeping, for the car wash industry, allows a small stream of water / leak

Part #	Maximum PSI	GPM	Price/E
HPSG	5075	12.0	\$81.40
HPSGW	5000	10.6	94.05

H



Features:

- 3/8" female inlet
- 1/4" female outlet
- **8 GPM**
- working pressure: **3700 PSI**
- maximum temperature to **320°F**

Part #	Price/E
HPSGC	\$62.80



Features:

- 3/8" female inlet
- 1/4" female outlet
- **8 GPM**
- working pressure: **5000 PSI**
- maximum temperature: **300°F**
- heavy duty anti-fatigue design
- stainless inner tube
- Zytel® housing

Part #	Price/E
HPSGHD	\$103.75



Features:

- 3/8" female inlet
- 22 mm x 14 mm female outlet
- **8 GPM**
- working pressure: **3700 PSI**
- maximum temperature: **140°F**
- extension length: 19"

Part #	Price/E
AL9	\$73.00



Features:

- gun: 22 mm male inlet ,22 mm x 14 mm female outlet end, working pressure **2500 PSI**
- lance: 18" with vari-spray nozzle 1.25 mm with 22 mm male inlet
- hose: 25', 1/4" ID with 22 mm x 14 mm female ends
- nozzle: 4.0 variable nozzle 0° to 80°

Part #	Price/E
BIT-KIT	\$188.00

Spray Lances and Extensions for Pressure Gun

Spray Lance

Features:

- for use with **AL9** spray gun **only**
- maximum operating pressure: **4000 PSI**
- maximum temperature: **300°F**



Part #	Description	Length	Price/E
AL248	<i>zinc</i> , 22 mm x 14 mm male inlet x 1/4" male outlet	24"	\$26.00

Dual Spray Lances

Features:

- for use with **HPSG**, **HPSGC**, **HPSGHD** and **HPSGW**
- for soap and water
- maximum temperature: **300°F**
- **10.5 GPM**
- requires 1 high pressure nozzle and 1 soap nozzle (pg. 329)
- Allows quick adjustment from high to low pressure with a twist of the handle; low pressure setting allows for use of soap.



AL344



AL333

Part #	Description	Length	Max. Operating PSI	Price/E
AL333	<i>zinc</i> , 1/4" male inlet 2 each 1/4" female outlets	40"	3,650	\$136.50
AL344	<i>stainless steel</i> , 1/4" male inlet, 2 each 1/4" female outlets	40"	4,000	186.15

Molded Grip Extensions

Features:

- for use with **HPSG**, **HPSGC**, **HPSGHD** and **HPSGW**
- maximum operating pressure: **5000 PSI**
- temperature: **300°F**
- **10.5 GPM** maximum



AL323



AL324



AL325 & AL326

Part #	Description	Length	Price/E
AL323XX	<i>zinc</i> , 1/4" male inlet x 1/4" male outlet	24"	\$21.55
AL324XX	<i>zinc</i> , 1/4" male inlet x 1/4" male outlet, 4" space from the end	36"	25.05
AL325XX	<i>zinc</i> , 1/4" male inlet x 1/4" male outlet, 2 grips	48"	43.75
AL326XX	<i>zinc</i> , 1/4" male inlet x 1/4" male outlet, 2 grips	59"	48.70

Vented Grip Lances

Features:

- for use with **HPSG**, **HPSGC**, **HPSGHD** and **HPSGW**
- for hot water
- maximum operating pressure: **5000 PSI**
- maximum temperature: **300°F**
- **10.5 GPM** maximum



AL361



AL362

Part #	Description	Length	Price/E
AL361	<i>zinc</i> , 1/4" male inlet x 1/4" female outlet, straight	36"	\$49.90
AL362	<i>zinc</i> , 1/4" male inlet x 1/4" female outlet, bent	48"	75.00

Telescoping Lance and Belt for Pressure Gun

Features:

- 3/8" female (pipe thread) inlet
- 1/4" female (quick connect) outlet
- maximum operating pressure: **4000 PSI**



- 1/4" steel braided hose
- **7 GPM**
- length is in three sections
- maximum temperature: **300°F**

Part #	Description	Length	Price/E
ARTEL18A	aluminum telescoping lance	6' - 18'	\$553.70

Telescoping Lance Belt



Feature:

- adjusts to fit a 33" to 58" waist

Part #	Description	Price/E
ARTEL-BELT	Nylon telescoping lance belt	\$56.60

Quick Couplings and Plugs Swiveling Couplings

Features:

- working pressure: **3650 PSI**
- **7.8 GPM**
- maximum temperature: **300°F**

H



1/4" female x 22 mm x 1.5 mm swivel		
Part #	Description	Price/E
AL450 ¹	swiveling quick coupling	\$16.40



1/4" male x 22 mm x 1.5 mm swivel		
Part #	Description	Price/E
AL451 ²	swiveling quick coupling	\$16.40



3/8" female x 22 mm x 1.5 mm swivel		
Part #	Description	Price/E
AL453 ¹	swiveling quick coupling	\$19.35



3/8" female x female swivel		
Part #	Description	Price/E
AL462 ²	swiveling quick coupling	\$31.60

¹ for use with **AL456** only

² for use with **AL464** only

Fixed Plugs

Features:

- working pressure: **3650 PSI**
- **7.8 GPM**
- maximum temperature: **300°F**



1/4" female x 22 mm x 1.5 mm male		
Part #	Description	Price/E
AL454 ¹	fixed quick coupling plug	\$11.75



1/4" male x 22 mm x 1.5 mm male		
Part #	Description	Price/E
AL455F ²	fixed quick coupling plug	\$11.75



3/8" female x 22 mm x 1.5 mm male		
Part #	Description	Price/E
AL456 ¹	fixed quick coupling plug	\$15.10



3/8" female x male plug		
Part #	Description	Price/E
AL464 ²	fixed quick coupling plug	\$17.60

¹ for use with **AL453** and **AL9**

² for use with **AL462** only

Injector Nozzles



AL477

Features:

- designed to inject cleaning solutions into high pressure discharge lines
- 3/8" male inlet and outlet
- maximum working pressure: **4000 PSI**

Part #	Description	Orifice	Flow (GPM)	Price/E
AL472	adjustable, green	1.8 mm	2 - 3	\$52.85
AL477	adjustable, red	2.1 mm	3 - 4	53.26
AL478	adjustable, blue	2.3 mm	4 - 5.5	53.25

Line Strainer



Features:

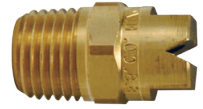
- working pressure: **100 PSI**
- 1/2" female inlet, 1/2" male outlet
- .60 mesh cuffed filter
- 2 additional 1/4" side ports
- **8 GPM** maximum

Part #	Description	Price/E
AR3000-A2	aluminum line strainer	\$38.20

Nozzles

High Pressure Spray Soap Nozzles

Part #	Description	Price/E
NZ4040S	¼" male inlet, 40° spray angle, size #40	\$10.80
NZ8040S	¼" male inlet, 80° spray angle, size #40	10.80



High Pressure Spray Nozzles

Part #	Description	Price/E
NZ1504	¼" male NPT inlet, 15° spray angle, size 4	\$16.20
NZ2504	¼" male NPT inlet, 25° spray angle, size 4	16.20
NZ4004	¼" male NPT inlet, 40° spray angle, size 4	16.20



Quick Connect Soap Nozzle

Feature:

- use with ¼" couplers on page 324

Part #	Description	Price/E
NZ6540QCS	¼" straight through plug inlet, 65° spray angle, size #40	\$15.20



H

Quick Connect Spray Nozzles

Feature:

- use with ¼" couplers on page 324

Part #	Description	Price/E
MSP400	¼" straight through plug inlet, 0° spray angle, size #4, red	\$18.80
MSP415	¼" straight through plug inlet, 15° spray angle, size #4, yellow	16.50
MSP425	¼" straight through plug inlet, 25° spray angle, size #4, green	16.50
MSP440	¼" straight through plug inlet, 40° spray angle, size #4, white	16.50



Multi-Pack Quick Connect Nozzles

Feature:

- Multi-Pack includes all nozzles listed

Part #	Nozzle	Description	Price/E
MSP4PAK	NZ6540QCS	¼", 65° spray angle, size #40	\$65.25
	MSP415	¼", 15° spray angle, size #4, yellow	
	MSP425	¼", 25° spray angle, size #4, green	
	MSP440	¼", 40° spray angle, size #4, white	



Multi-Pack High Pressure Spray Nozzles

Features:

- ¼" quick connect nozzle multi-packs include: 0° red, 15° yellow, 25° green, 40° white and 50° black soap nozzles
- ¼" MEG nozzle multi-packs include: 0°, 15°, 25°, 40° and 65° soap nozzles

Part #	Price/E	Nozzle Size	GPM @ PSI									
			800	1000	1500	2000	2500	3000	3500	4000	5000	
NZMQC5P-030	\$50.30	3.0	1.34	1.50	1.84	2.12	2.37	2.60	2.81	3.00	3.35	
NZMQC5P-035	50.30	3.5	1.57	1.75	2.14	2.47	2.77	3.03	3.27	3.50	3.91	
NZMQC5P-040	50.30	4.0	1.79	2.00	2.45	2.83	3.16	3.46	3.74	4.00	4.47	
NZMQC5P-045	50.30	4.5	2.01	2.25	2.76	3.18	3.56	3.90	4.21	4.50	5.03	
NZMQC5P-050	50.30	5.0	2.24	2.50	3.06	3.54	3.95	4.33	4.68	5.00	5.59	
NZMQC5P-055	50.30	5.5	2.46	2.75	3.37	3.89	4.35	4.76	5.14	5.50	6.15	
NZMQC5P-065	50.30	6.5	2.91	3.25	3.98	4.60	5.14	5.63	6.08	6.50	7.27	
NZMQC5P-080	50.30	8.0	3.58	4.00	4.90	5.66	6.32	6.93	7.48	8.00	8.94	



Part #	Price/E	Nozzle Size	GPM @ PSI									
			800	1000	1500	2000	2500	3000	3500	4000	5000	
NZMMEG5P-035	\$52.50	3.5	1.57	1.75	2.14	2.47	2.77	3.03	3.27	3.50	3.91	
NZMMEG5P-040	52.50	4.0	1.79	2.00	2.45	2.83	3.16	3.46	3.74	4.00	4.47	
NZMMEG5P-045	52.50	4.5	2.01	2.25	2.76	3.18	3.56	3.90	4.21	4.50	5.03	
NZMMEG5P-050	52.50	5.0	2.24	2.50	3.06	3.54	3.95	4.33	4.68	5.00	5.59	
NZMMEG5P-055	52.50	5.5	2.46	2.75	3.37	3.89	4.35	4.76	5.14	5.50	6.15	



Turbo Nozzles

Features:

- 15° spray angle
- maximum temperature: **195°F**
- ceramic orifice



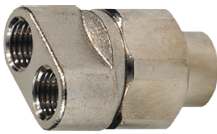
Part #	Description	Orifice	Nozzle Size	Maximum Working PSI	Price/E
AL-TPR25-30	¼" female inlet, dk. green	1.30 mm	4.0	3,625	\$186.00
AL-TPR25-50	¼" female inlet, purple	1.50 mm	5.5 - 6.0	3,625	186.00
AL-TPR25-70	¼" female inlet, grey	1.70 mm	7.0 - 7.5	3,625	186.00
AL-TPR35-30	¼" female inlet, dk. green	1.30 mm	4.0	5,075	282.00
AL-TPR35-50	¼" female inlet, purple	1.50 mm	5.5	5,075	282.00
AL-TPR35-70	¼" female inlet, grey	1.70 mm	6.5	5,075	282.00

Nozzle Holders

H



AL414



AL416

Feature:

- maximum temperature: **300°F**

Part #	Description	Flow (GPM)	Working PSI	Price/E
AL414	adjustable hi/low nozzle holder with nozzle protector, ¼" female inlet and outlet	7.8	3,650	\$47.25
AL416	change over nozzle, ¼" female inlet, 2 each ¼" female outlet	8	2,900	64.50

Inlet Filter for Turbo Nozzles


Features:

- ¼" female inlet, ¼" male outlet
- maximum temperature: **212°F**
- 100 mesh filter

Part #	Description	GPM	Working PSI	Price/E
AR3500	stainless steel, inlet water filter	8	5,000	\$38.20

Braided Rubber Hose



Part #	Pressure Rating (PSI)	Length	ID	Male Swivel Inlet	Male Swivel Outlet	Price/E
AR503830SSP	4,000	50'	¾"	¾"	¾"	\$242.65

Hand Crank Hose Reel


Features:

- working PSI: **3,000 PSI**
- maximum temperature: **160°F**
- ⅜" outlet, ⅜" inlet
- includes jumper hose, mounting bracket and crank handle
- steel
- holds 100' of ⅜" pressure hose

Part #	Price/E
AR-REEL100	\$406.00

Unloader Valves

Pressure regulating unloader valve automatically relieves pressure from the pump at shut-off.

Features:

- maximum temperature: **190°F**
- inlet: 2 each, $\frac{3}{8}$ " female NPT
- outlet: $\frac{3}{8}$ " female NPT
- bypass: 2 each, $\frac{3}{8}$ " female NPT

Part #	Description	Flow	Working PSI	Price/E
AL605	yellow spring	8 GPM maximum	2,320	\$172.50
AL606	blue spring	8 GPM maximum	3,650	172.50
AL607	black spring	8 GPM maximum	4,500	174.40



Features:

- maximum temperature: **190°F**
- inlet: $\frac{3}{8}$ " female
- outlet: $\frac{3}{8}$ " male
- bypass: $\frac{3}{8}$ " female

Part #	Description	Flow	Working PSI	Price/E
AR20831	VR-35 unloader valve	9 GPM	5,100	\$220.00



H

Valves Thermal Relief Valve

Features:

- operating PSI: **200 PSI**
- temperatures to **140°F**
- inlet: $\frac{1}{2}$ " male

Part #	Price/E
TPP140	\$22.70



Safety Release Valve

Features:

- pressure range: **1,000 to 4,000 PSI**
- maximum temperature: **200°F**
- inlet: $\frac{3}{8}$ " male
- **6 GPM**

Part #	Price/E
AR5000-1	\$35.00



Balance Release Valve

Features:

- working PSI: **4,000 PSI**
- maximum temperature: **195°F**
- **6.6 GPM**
- inlet/outlet: $\frac{3}{8}$ " female NPT
- bypass: $\frac{3}{8}$ " female NPT

Part #	Price/E
AL702	\$107.80



Water Broom

Features:

- working PSI: **4,000 PSI**
- $\frac{1}{4}$ " quick connect plug
- stainless steel

Part #	Description	Length	Price/E
AR-BROOM16	4 nozzle broom	16"	\$139.50



Garden Hoses Perfect Water Hose

Features

- for residential and industrial use
- lightweight, easy handling
- heavy duty male and female garden hose fittings
- blue cover
- polypropylene double helix construction with TPE cover
- flexible and kink-free
- working pressure: **100 PSI** at 70°F
- burst pressure: 300 PSI at 70°F
- temperature range: **-20°F to 158°F**



Part #	Size	Price/E
PWH25	5/8" x 25'	\$84.00
PWH50	5/8" x 50'	155.00
PWH100	5/8" x 100'	288.00

Top Level PVC Hose

Features:

- heavy-duty 3/4" brass couplings
- kink resistant
- green cover
- working pressure: **100 PSI**
- temperature range: **15°F to 150°F**



Part #	Size	Price/E
GGH50	5/8" x 50'	\$53.50
GGH75	5/8" x 75'	70.00

Premium Flexzilla® Garden Hose

Features:

- temperature range: **-40°F to 150°F**
- premium hybrid polymer material
- anodized aircraft aluminum fittings 3/4" - 1 1/2" GHT fittings on both ends of hose
- kink resistant under pressure
- no memory - lays flat, coils easily
- abrasion resistant
- rugged bend restrictors
- lightweight



Part #	Size	Price/E
KRH50	5/8" x 50'	\$133.00
KRH75	5/8" x 75'	196.00
KRH100	5/8" x 100'	252.00

Flexogen® Hose

Features:

- heavy-duty, crush resistant, full-flow brass couplings with a built-in washer for tight sealing
- coils and handles easily in all weather
- lightweight patented 8-ply construction
- maximum kink resistance
- flow guard plus protective collar resists kinks at faucet
- polished surface resists abrasions, stains and mildew



Part #	Size	Price/E
FGH25	5/8" x 25'	\$55.70
FGH50	5/8" x 50'	94.30

Rubber Vinyl Garden Hose

Features:

- extra tough, five-ply construction
- exclusive, soft textured, abrasion-resistant green cover
- dual reinforced, heavy-duty, flexibility, kink resistance
- combines durability of rubber, easy handling of vinyl
- SEAL-TITE® leakproof coupling
- working pressure: **150 PSI**
- temperature range: **0°F to 140°F**



Part #	Size	Price/E	Opt Qty
SGH25	5/8" x 25'	\$51.50	5
SGH50	5/8" x 50'	89.00	5
SGH75	5/8" x 75'	121.00	3
SGH100	5/8" x 100'	168.00	3

H

Garden Hoses

Contractors Rubber Water Hose

Features:

- heavy duty, crush proof solid brass couplings with wrench grips
- EPDM tube
- spiral synthetic cord reinforcement
- black EPDM cover
- working pressure: **150 PSI**
- temperature range: **-20°F to 180°F**

Part #	Size	Price/E	Opt Qty
CWH50	3/4" x 50'	\$186.00	3



Premium Rubber Hose

Features:

- professional grade reinforcement provides maximum strength
- heavy-duty flexibility
- ultimate kink resistance
- SEAL-TITE® leakproof coupling
- EPDM tube
- black EPDM cover
- working pressure: **125 PSI**
- temperature range: **-20°F to 160°F**

Part #	Size	Price/E	Opt Qty
PGH50	5/8" x 50'	\$121.00	5
PGH100	5/8" x 100'	244.00	3



H

Hot Water Rubber Reinforced Hose

Features:

- industrial style reinforcing for flexibility, high burst strength
- extra heavy-duty, crush-proof, machined brass couplings
- maximum wear, abrasion-resistant red cover
- withstands extensive hot water up to **200°F** use
- working pressure: **130 PSI**

Part #	Size	Price/E	Opt Qty
HWH50	5/8" x 50'	\$138.00	5
HWH50-75	3/4" x 50'	204.00	3



Marine, Camper, Patio & Pool Hose

Features:

- lightweight to handle, easy to store
- USFDA - approved tube materials for food contact use
- nickel plated couplings
- white cover
- working pressure: **80 PSI** at ambient temperature (70°F)

Part #	Size	Price/E	Opt Qty
MCH50	5/8" x 50'	\$77.00	5



Country Club® RT Hose

Features:

- for golf courses, parks, nurseries
- premium PVC for high strength, flexibility
- lightweight, easy handling
- industrial knit reinforcing for kink resistance
- heavy duty 1" NPSH brass couplings
- green cover
- working pressure: **150 PSI** at ambient temperature (70°F)
- burst pressure: **450 PSI**

Part #	Size	Price/E	Opt Qty
CCH50	1" x 50'	\$316.70	2



Nozzles

Brass / Rubber Power Flow Water Nozzle


Features:

- all metal body and handle
- curved design to fit the contour of your hand
- overmold for comfortable handling
- built in flow control to regulate the amount of water flow
- locking feature to make extended watering easy
- large easy-turn dial

Thread Size	Part #	Price/E
3/4" GHT	PNB75GHT	\$39.80

Insulated Water Nozzles


Features:

- clip locks to any spray pattern
- chrome plated all zinc body
- industrial strength nylon handle
- rubber handle guard
- GHT thread on head
- heavy duty brass valve and adjusting nut
- for use with hot water up to **140°F**

Thread Size	Part #	Price/E
3/4" GHT	SN75	\$23.50

Pistol-Grip Water Nozzle


Features:

- clip locks to any spray pattern
- easy squeeze on/off lever
- heavy duty all zinc metallized body
- brass valve and adjusting nut
- stainless steel spring with lifetime packing
- rubber handle guard

Thread Size	Part #	Price/E
3/4" GHT	CSN75	\$13.45

Brass Twist Nozzles

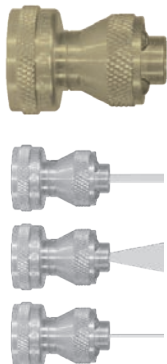

Features:

- brass
- maximum operating pressure **150 PSI** (water only)

Thread Size	Length	Part #	Price/E
3/4" GHT	4"	BTN75	\$21.80
3/4" GHT	4"	500AN4 ¹	13.05
3/4" GHT	6"	500-AN7 ¹	37.98

¹ imported product

Adjust-A-Power Nozzle


Features:

- ideal for patio, auto and boat, driveway and garden
- produces 50% more power than twist nozzles
- does not require a washer
- leave nozzle in the open position when not in use
- brass construction with stainless steel bearings
- maximum operating pressure: **100 PSI** (water only) at ambient temperature (70°F)

Thread Size	Part #	Price/E
3/4" GHT	AAPN75GHT	\$24.00

Nozzles and Accessories

Constant Flow Nozzle Displays

Features:

- shatterproof and UV resistant polycarbonate withstands tough environmental conditions
- seals used for true water shut off
- easy twist spray pattern adjustment
- sold in case quantity only, with display
- 25 nozzles per case



Thread	45° Spray GPM @ 100 PSI	Color	Global Part #	Price/E
3/4" GHT	25.1	green	FNB75GHT-GD	\$493.00
3/4" GHT	25.1	clear	CNB75GHT-GD	493.00

NEW

Constant Flow Nozzles with Bumper

Feature:

- can be used as a replacement nozzle in the display case GNB75GHT-GD



Thread	45° Spray GPM @ 100 PSI	Color	Plastic Part #	Price/E
3/4" GHT	8	green	GNB75GHT (domestic)	\$26.20
3/4" GHT	25.1	clear	CNB75GHT (global)	21.20

NEW

H

Fire Hose Nozzle with Bumper

Features:

- red polycarbonate with brass stem
- adjusts from Straight Stream to Fog
- maximum operating pressure: **100 PSI** (water only) at ambient temperature (70°F)



Thread Size	Solid Stream @ 100 PSI	45° Spray GPM @ 100 PSI	120° Spray GPM @ 100 PSI	Part #	Price/E
3/4" GHT	20	25.1	30.9	FNB75GHT	\$40.80

Brass Sweeper Nozzle

Thread Size	Discharge	Length	Part #	Price/E
3/4" GHT	3/16"	2"	PSN76	\$7.75



Brass Plain Hose Nozzle

Features:

- satin finish
- maximum operating pressure: **100 PSI** (water only) at ambient temperature (70°F)



Thread Size	Discharge	Length	Brass Part #	Price/E
3/4" GHT	1/4"	6"	BN6	\$41.75

Hydrant Adapter

Female NST	Male GHT	Cast Brass Part #	Price/E
2 1/2"	3/4"	HA2576	\$29.35



Washers and Gaskets



TVW7



TRW7



TVS7-30



5911212W

Material	Description	Part #	Price/E	Opt Qty
red vinyl	GHT washer	TVW7	\$0.10	100
white rubber (Styrene Butadiene)	GHT washer	TRW7	0.25	100
FDA approved, black vinyl	garden hose screen gasket, 6050 mesh, 304 SS	TVS7-30	0.82	100
black 80 duro SBR	GHT washer	5911212W	0.27	100

Compression bibb faucets sold on pages 336 and 694.

Garden Hose Accessories

Standard Flow Fittings

Flexible Water Nozzle

Features:

- bends for water flow, shuts off when released
- ¾" GHT



Part #	Price/E
8005	\$41.15

Radiator Bibb

Features:

- vinyl spout
- ¼" female pipe thread connection



Part #	Price/E
8013	\$30.20

Garden Hose Gooseneck

Features:

- powder-coated zinc gooseneck connector angles hose away from hose bibb
- recommended usage: **100°F**
- working pressure: **60 PSI**



Part #	Price/E
GHGN	\$14.10

Straight GHT Valve

Features:

- powder-coated zinc shut-off valve
- maximum temperature: **160°F** (hot water)
- recommended usage: **100°F**
- working pressure: **60 PSI**



Part #	Price/E
GHV	\$12.20

GHT Twin Valve

Features:

- powder-coated zinc with twin shut-off valves
- maximum temperature: **160°F** (hot water)
- recommended usage: **100°F**
- working pressure: **60 PSI**



Part #	Price/E
GHYV	\$17.10

GHT Y

Features:

- powder-coated zinc with twin outlet
- includes one end cap
- maximum temperature: **160°F** (hot water)
- recommended usage: **100°F**
- working pressure: **60 PSI**



Part #	Price/E
GHY	\$9.75

GHT 4-Valve Manifold

Features:

- forged brass body, stainless steel balls, PTFE seats
- swivel inlet
- maximum temperature: **120°F**
- maximum operating pressure: **100 PSI**



Part #	Price/E
500GH4VBK	\$63.72

Back Flow Preventer

Features:

- brass bar stock
- maximum operating pressure: **125 PSI**

- temperature range: **33°F to 180°F**
- EPDM gasket
- stainless steel components



Part #	Price/E
500BFP	\$25.73

Compression Bibb Faucets



Features:

- rough brass finish
- nozzle end is GHT
- for water use only

Male NPT Inlet Size	Brass	
	Part #	Price/E
½"	35-201-10	\$32.50
¾"	35-202-10	32.50

GHT Zinc Hose Fittings

Features:

- premium brass and zinc construction for maximum strength and durability
- patented impact resistant clamp design
- non-corroding high grade 410 stainless steel screws will not strip when tightened
- leakproof, reusable
- for use with rubber or plastic hose
- **fits all 5/8" and 3/4" hose**

Opt Qty	Female Part #	Price/E	Male Part #	Price/E	Mender Part #	Price/E
48	M5834F	\$14.75	M5834M	\$13.10	M5834HM	\$20.50



female



male



mender

H

GHT Coupler and Adapter

Size	Glass Reinforced Nylon Part #	Price/E
3/4"	75-AGH-NY	\$8.05



male adapter x female GHT

Size	Glass Reinforced Nylon Part #	Price/E
3/4"	75-BGH-NY	\$17.20



female coupler x male GHT

Garden Hose Quick Connectors

Features:

- easy push-pull ring for long lasting and quick hose attachments
- maximum operating pressure: **150 PSI** at ambient temperature (140°F maximum temperature)

Description	Brass Part #	Price/E
complete assembly	DGH7	\$14.64
male plug	DGH7P	4.64
female coupler	DGH7C	10.00
seal	DGHW7	0.77
valved female coupler - water shutoff	DGH7CV	14.20
complete valved assembly	DGH7V	18.84



Description	303 Stainless Steel Part #	Price/E
complete assembly	DGH7SS	\$83.60
male plug	DGH7PSS	26.05
female coupler	DGH7CSS	57.55



Spray Valve and Hose Assembly

Spray Valves

Features:

- even spray valve mist provides the proper moisture on paper roll ends
- helps eliminate wrinkles and folder delivery problems, increasing pressroom production and reducing waste
- A slight flex of the hose in any direction (360°) activates the spray.
- quick action with no protruding levers, thumb depressors, triggers or other devices utilized
- Positive water seal when hose is released causes the internal valve to close and immediately shut off spray.
- sealed mechanism with no packing gland



valve with hook

Female NPT Size	Description	Part #	Price/E
1/4"	valve only	83304	\$54.35
3/8"	valve only	83306	55.40
1/4"	valve with hook	83304H	56.84
3/8"	valve with hook	83306H	57.75

H

Spray Valve Hose Assembly

Male NPT Inlet	Description	Part #	Price/E
3/8"	3/8" ID, 5' hose	8320605	\$81.50

Short Shank GHT Fittings

use with washers on page 335

complete GHT couplings ¹



round nut



hex nut

Hose Size	Brass			
	Part # (round nut)	Price/E	Part # (hex nut)	Price/E
1/2"	BGH74	\$13.03	HNBGH74	\$13.10
5/8"	BGH75	13.40	HNBGH75	13.18
3/4"	BGH76	13.71	HNBGH76	13.53

female GHT couplings ¹



round nut



hex nut

Hose Size	Shank Length	Brass			
		Part # (round nut)	Price/E	Part # (hex nut)	Price/E
1/2"	1"	BGHF74	\$6.65	HNBGHF74	\$6.62
5/8"	1"	BGHF75	6.92	HNBGHF75	6.70
3/4"	1"	BGHF76	7.23	HNBGHF76	7.05

¹ washer included, part # **5911212W**

male GHT couplings



Hose Size	Shank Length	Brass	
		Part #	Price/E
1/2"	1"	BGHM74	\$6.48
5/8"	1"	BGHM75	6.48
3/4"	1"	BGHM76	6.48

Short Shank Fitting with Octagon Nut

complete couplings GHT

Hose Size	Shank Length	Aluminum	
		Part #	Price/E
3/8"	13/16"	ABC73	\$6.20
1/2"	13/16"	ABC74	6.20
5/8"	1-1/8"	ABC75	6.20
3/4"	1-1/8"	ABC76	6.20



Short Shank Fittings - NPSM Thread

use with KRW washers on page 302

complete machined coupling

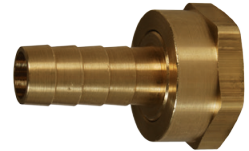
Hose ID	NPSM Thread	Brass Part #	Price/E
1/2"	3/4"	BS406	\$20.17
3/4"	3/4"	BS606	20.40
1"	1"	BS808 ¹	27.90



H

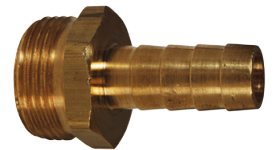
machined female with swivel nut

Hose ID	NPSM Thread	Brass Part #	Price/E
1/2"	3/4"	BS446	\$9.75
5/8"	3/4"	BS546	9.55
3/4"	3/4"	BS646	9.80
1"	1"	BS848 ¹	13.65



machined male

Hose ID	NPSM Thread	Brass Part #	Price/E
1/2"	3/4"	BS416	\$10.64
3/4"	3/4"	BS616	9.72
1"	1"	BS818 ¹	14.25

¹ NPSH threads

GHT Thread Fittings with Hex Nut

use with washers on page 335

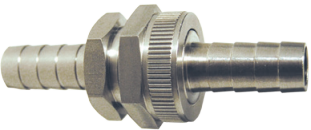
complete cast coupling (sold in complete sets only)



Hose Size	Brass	
	Part #	Price/E
1/2"	CBC74	\$12.60
5/8"	CBC75	12.60
3/4"	CBC76	12.60
1"	CBC88 ¹	21.50

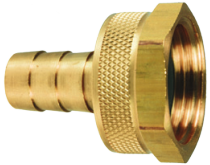
¹ NPSM threads

complete machined coupling²



Hose Size	Brass		303 Stainless	
	Part #	Price/E	Part #	Price/E
3/8"	BC73	\$13.68	---	---
1/2"	BC74	13.36	SSC74	\$162.31
5/8"	BC75	13.92	SSC75	162.15
3/4"	BC76	14.23	SSC76	162.15
1"	BC78	21.63	---	---

machined female with swivel nut²



Hose Size	Brass		303 Stainless		Pkg Qty
	Part #	Price/E	Part #	Price/E	
3/8"	BCF73	\$7.11	---	---	25
1/2"	BCF74	7.11	SSCF74	\$100.48	25
5/8"	BCF75	7.11	SSCF75	100.48	25
3/4"	BCF76	7.42	SSCF76	100.48	25
1"	BCF78	12.68	---	---	10

² washer included, part # **5911212W**

machined male



Hose Size	Brass		303 Stainless		Pkg Qty
	Part #	Price/E	Part #	Price/E	
3/8"	BCM73	\$6.57	---	---	25
1/2"	BCM74	6.25	SSCM74	\$61.83	25
5/8"	BCM75	6.81	SSCM75	61.66	25
3/4"	BCM76	6.81	SSCM76	61.66	25
1"	BCM78	8.95	---	---	10

GHT Adapters



female GHT swivel

Female x Female	Brass		Opt Qty
	Part #	Price/E	
GHT x GHT	BA977	\$10.13	25



female GHT swivel x female NPTF

Female x Female	Brass		303 Stainless		Opt Qty
	Part #	Price/E	Part #	Price/E	
GHT x 1/2" NPTF	BAS974	\$8.75	RAS974 ¹	\$74.84	25
GHT x 3/4" NPTF	BAS976	10.62	RAS976 ¹	80.33	10



female GHT swivel x male NPTF

Female x Male	Brass		303 Stainless		Opt Qty
	Part #	Price/E	Part #	Price/E	
GHT x 1/4" NPTF	504-1204	\$9.20	---	---	25
GHT x 3/8" NPTF	504-1206	9.31	---	---	25
GHT x 1/2" NPTF	504-1208	9.16	R504-1208 ¹	\$86.61	25
GHT x 3/4" NPTF	504-1212	11.05	R504-1212 ¹	93.90	20



female GHT x male NPTF

Female x Male	Brass		303 Stainless		Opt Qty
	Part #	Price/E	Part #	Price/E	
GHT x 3/8" NPTF	BMA973	\$8.92	---	---	25
GHT x 1/2" NPTF	BMA974	8.19	RMA974 ¹	\$50.04	25
GHT x 3/4" NPTF	BMA976	10.26	RMA976 ¹	51.66	25



rigid female GHT x female NPTF

Female x Female	Brass		303 Stainless		Opt Qty
	Part #	Price/E	Part #	Price/E	
GHT x 1/8" NPTF	BA971	\$8.24	---	---	50
GHT x 1/4" NPTF	BA972	8.50	---	---	25
GHT x 3/8" NPTF	BA973	8.45	---	---	25
GHT x 1/2" NPTF	BA974	11.62	RA974 ¹	\$49.48	25
GHT x 3/4" NPTF	BA976	10.40	RA976 ¹	49.28	25



threaded male

Male x Male	Brass		303 Stainless		Opt Qty
	Part #	Price/E	Part #	Price/E	
GHT x GHT	BA777 ²	\$6.03	RA777 ¹	\$37.35	25
1" NPSH x GHT	509-1612 ²	12.05	---	---	20



male GHT x male NPTF

Male x Male	Brass		303 Stainless		Opt Qty
	Part #	Price/E	Part #	Price/E	
GHT x 3/8" NPTF	BA73 ²	\$5.43	---	---	25
GHT x 1/2" NPTF	BA74 ²	5.88	RA74 ¹	\$40.95	25
GHT x 3/4" NPTF	BA776 ^{2,3}	6.37	RA776 ¹	39.62	25
GHT x 1" NPTF	BA78 ²	14.48	---	---	10



male GHT x female NPTF

Male x Female	Brass		303 Stainless		Opt Qty
	Part #	Price/E	Part #	Price/E	
GHT x 1/4" NPTF	507-1204 ²	\$4.73	---	---	25
GHT x 3/8" NPTF	507-1206 ²	5.07	---	---	25
GHT x 1/2" NPTF	BA794 ²	5.09	RA794 ¹	\$29.55	25
GHT x 3/4" NPTF	BA796 ²	8.06	RA796 ¹	49.00	25



garden hose cap

Female	Brass		Opt Qty
	Part #	Price/E	
GHT	GHC7	\$4.42	25

¹ stainless steel fittings are NPT

² redesigned with extended male GHT and deeper thread

³ BA776 also has 1/2" female NPT on ID of 3/4" male NPT side

Adapters

hex nipples

Feature:

- ref SAE 130137



NPTF Thread	Brass Part #	Price/E	Opt Qty
1/8" x 1/8"	BCN12	\$2.53	100
1/4" x 1/4"	BCN25	2.81	100
3/8" x 3/8"	BCN37	4.09	50
1/2" x 1/2"	BCN50	5.70	25
3/4" x 3/4"	BCN75	7.50	20
1" x 1"	BCN100	18.00	10

hex head plugs



NPT Thread	Brass Part #	Price/E
1/8"	HHP1M	\$2.04
1/4"	HHP2M	1.87
3/8"	HHP3M	2.60
1/2"	HHP4M	4.42
3/4"	HHP6M	6.62
1"	HHP8M	13.10

- hex head plug is hollow

square head plugs ¹



PTF-SAE Short Thread	Brass Part #	Price/E	Opt Qty
1/8"	211-0200C	\$2.41	50
1/4"	211-0400C	4.00	100
3/8"	211-0600C	6.00	25
1/2"	211-0800C	10.88	25
3/4"	211-1200C	16.78	25

- ¹ lead free brass per NSF/ANSI 372

male unions



NPSM	NPSM	Brass Part #	Price/E
1/8"	1/8"	176-0202	\$2.93
1/4"	1/4"	176-0404	3.65
3/8"	3/8"	176-0606	5.77
1/2"	1/2"	176-0808	6.30

female NPSH x female NPSH swivel



Female NPSH	Female NPSH	Brass Part #	Price/E
1"	1"	BA1616	\$19.25

female hex couplings

Feature:

- ref SAE 130138



NPTF Thread	Brass Part #	Price/E
1/8" x 1/8"	BA1F1F	\$3.14
1/4" x 1/4"	BA2F2F	4.85
3/8" x 3/8"	BA3F3F	5.70
1/2" x 1/2"	BA4F4F	8.70
3/4" x 3/4"	BA6F6F	15.38

hex socket plugs ¹



NPTF Thread	Brass Part #	Price/E	Opt Qty
1/8"	219-0200	\$1.34	50
1/4"	219-0400	2.40	100
3/8"	219-0600	3.60	25
1/2"	219-0800	6.84	25
3/4"	219-1200	10.00	25

- ¹ lead free brass per NSF/ANSI 372

threaded unions



NPT Thread	Brass Part #	Price/E
1/4"	TUN2F	\$27.50
3/8"	TUN3F	27.50
1/2"	TUN4F	29.90

ball seat to male pipe



NPSM	NPTF	Brass Part #	Price/E	Opt Qty
1/8"	1/8"	BSM11	\$2.40	100
1/4"	1/8"	BSM21	3.20	100
1/4"	1/4"	BSM22	2.61	100
3/8"	1/4"	BSM32	4.25	100
3/8"	3/8"	BSM33	4.24	50
3/8"	1/2"	BSM34	7.19	50
1/2"	3/8"	BSM43	4.81	50
1/2"	1/2"	BSM44	5.80	50
3/4"	3/4"	BSM66	7.82	25

Bulkhead Couplings



Brass Part #	Female NPTF Thread	External Male UNS Thread	Length	Price/E
207BH2	1/8"	5/8"	1.50"	\$10.26
207BH4	1/4"	3/4"	1.50"	11.97
207BH4S	1/4"	3/4"	.94"	9.65
207BH6	3/8"	1"	1.31"	15.12
207BH8	1/2"	1 1/8"	1.50"	20.60
207BH12	3/4"	1-5/16"	1.50"	107.57

Adapters

reducer hex bushings

Feature:

- ref SAE 130140

Female NPTF	Male NPTF	Brass Part #	Price/E	Opt Qty
1/8"	1/4"	HB1F2M	\$2.10	100
1/8"	3/8"	HB1F3M	2.99	100
1/8"	1/2"	HB1F4M	4.79	25
1/8"	3/4"	HB1F6M	7.70	25
1/4"	3/8"	HB2F3M	2.73	100
1/4"	1/2"	HB2F4M	4.27	50
1/4"	3/4"	HB2F6M	7.85	25
1/4"	1"	HB2F8M	15.50	10
3/8"	1/2"	HB3F4M	3.61	50
3/8"	3/4"	HB3F6M	6.95	25
3/8"	1"	HB3F8M	14.86	10
1/2"	3/4"	HB4F6M	7.20	25
1/2"	1"	HB4F8M	14.08	10
3/4"	1"	HB6F8M	11.60	10



reducer hex nipples

Feature:

- ref SAE 130137

NPTF Thread	Brass Part #	Price/E	Opt Qty
1/4" X 1/8"	HN2M1M	\$3.24	100
3/8" X 1/8"	HN3M1M	4.68	50
3/8" X 1/4"	HN3M2M	4.05	50
1/2" X 1/4"	HN4M2M	5.50	50
1/2" X 3/8"	HN4M3M	5.57	50
3/4" X 1/2"	HN6M4M	8.65	25



threaded adapters

Female NPTF	Male NPSM	Brass Part #	Price/E	Opt Qty
1/4"	1/4"	174-0404	\$5.02	100
3/8"	3/8"	174-0606	4.82	50
1/2"	1/2"	174-0808	6.88	50



Female NPTF	Male NPTF	Brass Part #	Price/E	Opt Qty
1/8"	1/8"	RA1F1M	\$3.83	100
1/4"	1/4"	RA2F2M	4.36	50
3/8"	3/8"	RA3F3M	5.61	50
1/2"	1/2"	RA4F4M	7.73	25
3/4"	3/4"	RA6F6M	13.61	10



reducer adapters

Feature:

- ref SAE 130139

Female NPTF	Male NPTF	Brass Part #	Price/E	Opt Qty
1/4"	1/8"	RA2F1M	\$3.90	50
3/8"	1/8"	RA3F1M	4.82	50
3/8"	1/4"	RA3F2M	4.75	50
1/2"	1/4"	RA4F2M	7.05	25
1/2"	3/8"	RA4F3M	6.21	25
3/4"	3/8"	RA6F3M	11.29	10
3/4"	1/2"	RA6F4M	10.65	10



reducer couplings

Feature:

- ref SAE 130138

Female NPTF	Brass Part #	Price/E	Opt Qty
1/4" X 1/8"	RC2F1F	\$4.80	50
3/8" X 1/8"	RC3F1F	6.44	50
3/8" X 1/4"	RC3F2F	5.34	50
1/2" X 1/4"	RC4F2F	7.32	25
1/2" X 3/8"	RC4F3F	7.09	10
3/4" X 3/8"	RC6F3F	11.91	10
3/4" X 1/2"	RC6F4F	11.66	10



NPT pipe caps

Female NPT	Brass Part #	Price/E	Opt Qty
1/8"	213-0200	\$2.30	50
1/4"	213-0400 ¹	3.62	100
3/8"	213-0600 ¹	6.17	25
1/2"	213-0800 ¹	10.38	25
3/4"	213-1200	10.97	25



¹ Lead free per NSF/ANSI 372

Pipe Nipples

long pipe nipples

- carbon steel and stainless steel nipples are available on page 743



NPT Thread	Length	Brass Part #	Price/E	Opt Qty
1/8"	1 1/2"	166-0215	\$2.51	25
1/8"	2"	166-0220	3.47	25
1/8"	2 1/2"	166-0225	4.22	25
1/8"	3"	166-0230	4.26	25
1/8"	3 1/2"	166-0235	4.67	10
1/8"	4"	166-0240	5.63	10
1/4"	1 1/2"	166-0415	3.92	25
1/4"	2"	166-0420	4.94	25
1/4"	2 1/2"	166-0425	6.57	25
1/4"	3"	166-0430	6.00	25
1/4"	3 1/2"	166-0435	6.50	10
1/4"	4"	166-0440	6.83	10
1/4"	5"	166-0450	8.58	5
3/8"	1 1/2"	166-0615	3.87	25
3/8"	2"	166-0620	5.12	25
3/8"	2 1/2"	166-0625	7.90	10
3/8"	3"	166-0630	7.83	10
3/8"	3 1/2"	166-0635	9.17	10
3/8"	4"	166-0640	10.55	5
1/2"	1 1/2"	166-0815	5.50	10
1/2"	2"	166-0820	6.30	10
1/2"	2 1/2"	166-0825	9.45	10
1/2"	3"	166-0830	10.83	10
1/2"	3 1/2"	166-0835	11.79	10
1/2"	4"	166-0840	11.90	5
3/4"	2"	166-1220	9.40	25
3/4"	2 1/2"	166-1225	12.00	25
3/4"	3"	166-1230	13.04	25
3/4"	3 1/2"	166-1235	13.70	25
1"	2"	TN100X2B	21.00	---
1"	3"	TN100X3B	31.50	---
1"	4"	TN100X4B	42.00	---
1 1/2"	2"	TN150X2B	34.15	---
1 1/2"	3"	TN150X3B	47.00	---
2"	3"	TN200X3B	63.00	---
2"	4"	TN200X4B	84.00	---
2"	6"	TN200X6B	116.30	---

close pipe nipples

- carbon steel, galvanized steel and stainless steel nipples are available on pages 260 and 742



NPT Thread	Brass Part #	Price/E	Opt Qty
1/8"	165-0202	\$1.62	50
1/4"	165-0404	2.20	50
3/8"	165-0606	2.52	100
1/2"	165-0808	6.29	25
3/4"	165-1212	9.60	25
1"	165-1616	12.70	25
1 1/2"	CN150B	31.75	5
2"	CN200B	48.35	5
3"	CN300B	173.40	5

Pipe Crosses - Extruded



Female NPTF Size	Brass Part #	Price/E	Opt Qty
1/8"	228-0202	\$6.34	25
1/4"	228-0404	10.67	25
3/8"	228-0606	12.93	25
1/2"	228-0808	27.50	10
3/4"	228-1212	41.45	10

Tees

street tees - extruded

Female NPTF	Male NPTF	Brass Part #	Price/E	Opt Qty
1/8"	1/8"	326-0202	\$5.15	25
1/4"	1/4"	326-0404	8.25	25
3/8"	3/8"	326-0606	11.40	25
1/2"	1/2"	326-0808	22.30	25
3/4"	3/4"	326-1212	34.80	10

Feature:

- ref SAE 130424



male branch tees - extruded

NPTF Thread	Brass Part #	Price/E	Opt Qty
1/8"	324-0202	\$5.96	25
1/4"	324-0404	9.25	25
3/8"	324-0606	11.61	25
1/2"	324-0808	20.83	25
3/4"	324-1212	35.19	10

Feature:

- ref SAE 130425



female tees - extruded

NPTF Thread	Brass Part #	Price/E	Opt Qty
1/8"	322-0202	\$5.00	25
1/4"	322-0404	8.60	25
3/8"	322-0606	11.61	25
1/2"	322-0808	22.28	25
3/4"	322-1212	29.60	10

Feature:

- ref SAE 130438



Elbows

90° male pipe elbows - forged

Male NPTF	Brass Part #	Price/E	Opt Qty
1/8"	169-0202	\$3.45	25
1/4"	169-0404	4.76	25
3/8"	169-0606	6.85	25
1/2"	169-0808	11.45	25



90° female pipe elbows - extruded

Female NPTF	Brass Part #	Price/E	Opt Qty
1/8"	EL1F1F	\$4.50	25
1/4"	EL2F2F	7.11	25
3/8"	EL3F3F	9.69	25
1/2"	EL4F4F	17.85	25
3/4"	EL6F6F	26.50	10

Feature:

- ref SAE 130238



90° street elbows - extruded

Female NPTF	Male NPTF	Brass Part #	Price/E	Opt Qty
1/8"	1/8"	SE1F1M	\$4.41	25
1/4"	1/4"	SE2F1M	6.43	25
1/4"	1/4"	SE2F2M	7.03	25
3/8"	1/4"	SE3F2M	8.59	25
3/8"	3/8"	SE3F3M	9.71	25
1/2"	3/8"	SE4F3M	14.00	25
1/2"	1/2"	SE4F4M	17.35	25
3/4"	1/2"	SE6F4M	20.36	25
3/4"	3/4"	SE6F6M	25.95	10

Feature:

- ref SAE 130239



45° street elbows - extruded

Female NPTF	Male NPTF	Brass Part #	Price/E	Opt Qty
1/8"	1/8"	306-0202	\$4.55	25
1/4"	1/4"	306-0404	4.91	25
3/8"	3/8"	306-0606	7.55	25
1/2"	1/2"	306-0808	13.23	25
3/4"	3/4"	306-1212	21.45	10

Feature:

- ref SAE 130339



Barbed Hose Fittings

male inserts

Hose ID	Male NPTF	Brass		Opt Qty	Hose ID	NPTF Thread	Brass		Opt Qty
		Part #	Price/E				Part #	Price/E	
1/8"	1/8"	BN11	\$1.71	100	1/2"	1/4"	BN42	\$3.15	50
1/8"	1/4"	BN122	2.24	100	1/2"	3/8"	BN43	3.22	50
3/16"	1/8"	BN151	1.88	100	1/2"	1/2"	BN44	4.90	50
3/16"	1/4"	BN152	2.42	100	1/2"	3/4"	BN46	7.30	25
1/4"	1/8"	BN21	1.91	100	5/8"	3/8"	BN53	3.64	50
1/4"	1/4"	BN22	2.07	100	5/8"	1/2"	BN54	5.32	25
1/4"	3/8"	BN23	3.12	100	5/8"	3/4"	BN56	7.35	50
1/4"	1/2"	BN24	6.31	50	3/4"	1/2"	BN64	6.22	50
5/16"	1/8"	BN251	2.08	100	3/4"	3/4"	BN66	6.75	20
5/16"	1/4"	BN252	2.45	50	1"	3/4"	BN86	9.08	25
5/16"	3/8"	BN253	3.16	50	1"	1"	BN88	14.81	10
3/8"	1/8"	BN31	2.40	100	1 1/4"	3/4"	BN106	18.57	10
3/8"	1/4"	BN32	2.10	100	1 1/4"	1"	BN108	17.97	10
3/8"	3/8"	BN33	3.16	50					
3/8"	1/2"	BN34	5.50	25					
3/8"	3/4"	BN36	7.71	25					



BSPT male inserts

Hose ID	Male BSPT	Brass		Opt Qty
		Part #	Price/E	
1/4"	1/8"	BN21BSPT	\$2.71	100
1/4"	1/4"	BN22BSPT	2.98	100
3/8"	1/4"	BN32BSPT	3.16	100
3/8"	3/8"	BN33BSPT	4.30	50
3/8"	1/2"	BN34BSPT	7.62	25
1/2"	3/8"	BN43BSPT	4.85	50
1/2"	1/2"	BN44BSPT	6.52	50
3/4"	3/4"	BN66BSPT	8.90	25
1"	1"	BN88BSPT	18.02	10

solid female inserts

Hose ID	Female NPTF	Brass		303 Stainless Steel		Opt Qty
		Part #	Price/E	Part #	Price/E	
1/8"	1/8"	BF11	\$2.40	---	---	100
1/8"	1/4"	BF12	3.59	---	---	100
3/16"	1/8"	BF151	2.59	---	---	100
3/16"	1/4"	BF152	3.50	---	---	100
1/4"	1/8"	BF21	2.20	---	---	100
1/4"	1/4"	BF22	2.84	BF22SS	\$28.58	100
1/4"	3/8"	BF23	3.66	---	---	50
1/4"	1/2"	BF24	5.40	---	---	50
5/16"	1/8"	BF251	3.11	---	---	100
5/16"	1/4"	BF252	3.40	---	---	100
5/16"	3/8"	BF253	4.12	---	---	100
3/8"	1/8"	BF31	2.96	---	---	100
3/8"	1/4"	BF32	2.82	BF32SS	26.21	50
3/8"	3/8"	BF33	3.82	BF33SS	29.15	50
3/8"	1/2"	BF34	5.51	---	---	50
3/8"	3/4"	BF36	10.53	---	---	25
1/2"	1/4"	BF42	3.42	---	---	50
1/2"	3/8"	BF43	4.20	---	---	50
1/2"	1/2"	BF44	5.36	BF44SS	32.92	50
1/2"	3/4"	BF46	9.82	---	---	25
5/8"	3/8"	BF53	4.45	---	---	50
5/8"	1/2"	BF54	5.50	---	---	25
5/8"	3/4"	BF56	9.81	---	---	25
3/4"	1/2"	BF64	6.10	---	---	25
3/4"	3/4"	BF66	10.40	---	---	20
1"	3/4"	BF86	11.19	---	---	20
1"	1"	BF88	17.00	---	---	10
1-1/4"	1"	BF108	17.76	---	---	10



Beaded Hose Barbs

Hose ID	Male NPTF	Brass Part #	Price/E	Pkg Qty
1/4"	1/8"	268B0402	\$2.50	100
1/4"	1/4"	268B0404	2.66	100
5/16"	1/8"	268B0502	2.42	100
5/16"	1/4"	268B0504	2.74	50
3/8"	1/8"	268B0602	3.02	100
3/8"	1/4"	268B0604	2.91	100
3/8"	3/8"	268B0606	3.73	50
1/2"	3/8"	268B0806	3.77	50
1/2"	1/2"	268B0808	6.70	50
5/8"	1/2"	268B1008	6.75	25
3/4"	1/2"	268B1208	7.12	50
3/4"	3/4"	268B1212	9.00	25



Barbed Hose Elbows

male insert 45° elbows - forged

Hose ID	Male NPTF	Brass Part #	Price/E	Pkg Qty
1/4"	1/8"	139-0402	\$4.22	100
1/4"	1/4"	139-0404	6.60	25
3/8"	1/8"	139-0602	5.20	100
3/8"	1/4"	139-0604	4.91	100
3/8"	3/8"	139-0606	8.00	25
1/2"	1/4"	139-0804	7.82	25
1/2"	3/8"	139-0806	7.45	25
1/2"	1/2"	139-0808	9.83	25
3/4"	1/2"	139-1208	16.23	25



female insert 90° elbows - forged

Hose ID	Female NPTF	Brass Part #	Price/E	Pkg Qty
1/4"	1/8"	134-0402	\$5.82	50
1/4"	1/4"	134-0404	7.72	50
3/8"	1/4"	134-0604	7.27	50
3/8"	3/8"	134-0606	10.10	50
1/2"	1/4"	134-0804	6.86	25
1/2"	3/8"	134-0806	11.36	25
1/2"	1/2"	134-0808	23.44	25
3/4"	3/4"	134-1212	34.35	25



Barbed Hose Elbows

male insert 90° elbows - forged



Hose ID	Male NPTF	Brass Part #	Price/E	316 Stainless ¹ Part #	Price/E	Opt Qty
3/16"	1/8"	EL15H1M	\$3.69	---	---	50
1/4"	1/8"	EL2H1M	3.45	EL2H1MSS NEW	\$29.71	50
1/4"	1/4"	EL2H2M	5.01	EL2H2MSS	27.18	50
1/4"	3/8"	EL2H3M	6.20	---	---	50
5/16"	1/8"	EL25H1M	4.25	---	---	25
5/16"	1/4"	EL25H2M	5.62	---	---	50
5/16"	3/8"	EL25H3M	6.25	---	---	50
3/8"	1/8"	EL3H1M	3.76	---	---	50
3/8"	1/4"	EL3H2M	5.01	EL3H2MSS	28.15	50
3/8"	3/8"	EL3H3M	6.60	EL3H3MSS	27.80	50
3/8"	1/2"	EL3H4M	9.25	---	---	25
1/2"	1/4"	EL4H2M	5.50	EL4H2MSS	31.95	50
1/2"	3/8"	EL4H3M	6.80	EL4H3MSS NEW	43.45	50
1/2"	1/2"	EL4H4M	9.07	EL4H4MSS	32.90	25
5/8"	3/8"	EL5H3M	11.61	---	---	25
5/8"	1/2"	EL5H4M	12.46	---	---	25
3/4"	1/2"	EL6H4M	15.55	EL6H4MSS NEW	60.73	25
3/4"	3/4"	EL6H6M	21.78	EL6H6MSS	58.10	25
1"	3/4"	EL8H6M	27.46	---	---	10
1"	1"	EL8H8M	36.17	---	---	10

¹ 316 stainless steel parts have NPT threads

Barbed Hose Splicers

hose barb 90° elbow splicers - forged



Hose ID	Brass Part #	Price/E	304 Stainless Part #	Price/E	Pkg Qty
1/8"	177-0202	\$4.76	177-0202SS	\$18.85	25
3/16"	177-0303	4.00	177-0303SS	38.20	25
1/4" x 1/8"	177-0402	5.35	---	---	25
1/4"	177-0404	3.78	177-0404SS	11.45	25
5/16"	177-0505	6.12	---	---	25
3/8" x 1/4"	177-0604	6.16	---	---	25
3/8"	177-0606	5.80	177-0606SS	15.84	25
1/2" x 3/8"	177-0806	7.00	---	---	25
1/2"	177-0808	6.96	177-0808SS	30.85	25
5/8"	177-1010	13.65	---	---	25
3/4" x 1/2"	177-1208	14.25	---	---	25
3/4"	177-1212	18.17	---	---	25

hose barb tee splicers - forged



179-0604

Hose ID	Brass Part #	Price/E	304 Stainless Part #	Price/E	Pkg Qty
1/8"	179-0202	\$5.83	179-0202SS	\$38.20	25
3/16"	179-0303	4.73	179-0303SS	30.60	100
1/4" x 1/8"	179-0402	5.85	---	---	25
1/4"	179-0404	4.56	179-0404SS	26.37	25
5/16"	179-0505	6.21	---	---	25
3/8" x 1/4"	179-0604¹	10.65	---	---	25
3/8" x 1/4"	1790604BARB	6.76	---	---	25
3/8"	179-0606	5.96	179-0606SS	32.32	25
1/2" x 3/8"	179-0806	9.95	---	---	25
1/2"	179-0808	8.86	179-0808SS	49.23	25
5/8"	179-1010	13.25	---	---	25
3/4" x 1/2"	179-1208	20.38	---	---	25
3/4"	179-1212	18.82	---	---	20

¹ drop leg has 1/4"-18 male NPTF thread

Hose Menders

Hose ID	Brass Part #	Price/E	Pkg Qty
1/8"	BM1	\$1.98	100
3/16"	BM15	1.75	100
1/4"	BM2	2.04	100
1/4" x 1/8"	BM2-1	2.51	100
5/16"	BM25	2.34	100
3/8"	BM3	2.40	100
3/8" x 1/4"	BM3-2	3.16	100
1/2"	BM4	3.36	50
1/2" x 3/8"	BM4-3	4.00	50
5/8"	BM5	4.00	50
5/8" x 3/8"	BM5-3	4.41	50
5/8" x 1/2"	BM5-4	5.37	50
3/4"	BM6	5.60	50
3/4" x 1/2"	BM6-4	6.22	50
1"	BM8	10.50	10



Barbed Hose Fittings

male 45° SAE x hose barb

Hose ID	Male UNF	Brass Part #	Price/E	Pkg Qty
3/16"	7/16"-20	142-0307	\$3.25	100
1/4"	7/16"-20	142-0407	2.66	100
1/4"	5/8"-18	142-0410	3.55	100
5/16"	1/2"-20	142-0508	3.05	100
3/8"	5/8"-18	142-0610	3.75	50
3/8"	3/4"-16	142-0612	5.22	50
1/2"	3/4"-16	142-0812	5.03	50



male NPTF swivel x hose barb

Hose ID	Male NPTF	Brass Part #	Price/E	Pkg Qty
1/4"	1/8"	103-0402	\$7.64	100
1/4"	1/4"	103-0404	5.70	100
3/8"	1/4"	103-0604	6.02	100
3/8"	3/8"	103-0606	6.64	50
1/2"	3/8"	103-0806	8.09	50
1/2"	1/2"	103-0808	9.85	25
3/4"	3/4"	103-1212	13.08	20
1"	1-11/2"	103-1616¹	52.37	10



• swivel is for assembly convenience only, not for live swivel applications

¹ capped threads / 120 maximum PSI

Female PTF-SAE Short

Hose ID	Female PTF-SAE Short	Brass Part #	Price/E	Pkg Qty
1/4"	1/4"	105-0404	\$7.34	50
3/8"	1/4"	105-0604	7.56	50
3/8"	3/8"	105-0606	7.85	50
1/2"	3/8"	105-0806	8.68	50
1/2"	1/2"	105-0808	9.36	25



• swivel is for assembly convenience only, not for live swivel applications

female 37° JIC swivel x hose barb

Hose ID	Female UNF	Brass Part #	Price/E	Pkg Qty
3/8"	9/16"-18	145-0609	\$3.64	100
3/4"	1-1/16"-12	145-1217	14.10	25



Barbed Hose Fittings

female NPSM swivel x hose barb ball seat type



Hose ID	Female NPSM	Brass Part #	Price/E	Pkg Qty
1/8"	1/8"	BFS11	\$2.94	100
3/16"	1/8"	BFS151	2.52	100
3/16"	1/4"	BFS152	3.55	100
1/4"	1/8"	BFS21	3.11	100
1/4"	1/4"	BFS22	3.24	100
1/4"	3/8"	BFS23	4.78	100
5/16"	1/4"	BFS252	3.92	100
5/16"	3/8"	BFS253	5.20	50
3/8"	1/4"	BFS32	3.15	100
3/8"	3/8"	BFS33	4.32	100
3/8"	1/2"	BFS34	7.07	100
1/2"	3/8"	BFS43	7.36	50
1/2"	1/2"	BFS44	6.62	100
3/4"	3/4"	BFS66	10.00	50

female NPSM swivel x hose barb gasket seat type



Hose ID	Female NPSM	Brass Part #	Price/E	Pkg Qty
1/8"	1/8"	126-0202	\$4.56	100
3/16"	1/8"	126-0302	4.40	100
3/16"	1/4"	126-0304	4.80	100
1/4"	1/8"	126-0402	4.73	100
1/4"	1/4"	126-0404	4.30	100
1/4"	3/8"	126-0406	5.71	100
5/16"	1/4"	126-0504	5.31	100
3/8"	1/4"	126-0604	4.35	100
3/8"	3/8"	126-0606	5.37	50
3/8"	1/2"	126-0608	7.83	50
1/2"	3/8"	126-0806	7.80	50
1/2"	1/2"	126-0808	7.38	50
3/4"	3/4"	126-1212	9.36	25

• not recommended for water

female 45° SAE swivel x hose barb



Hose ID	Tube OD	Female UNF	Brass Part #	Price/E	Pkg Qty
3/16"	3/16"	3/8"-24	144-0306	\$4.84	100
1/4"	3/8"	5/8"-18	144-0410	4.43	100
5/16"	3/8"	5/8"-18	144-0510	5.10	100
3/8"	3/8"	5/8"-18	144-0610	4.37	100
1/2"	1/2"	3/4"-16	144-0812	6.02	100
3/4"	3/4"	1-1/16"-14	144-1217¹	13.64	25

¹ notch in nut

female 45°SAE / 37°JIC swivel x hose barb (dual angle seat)



Hose ID	Tube OD	Female UNF	Brass Part #	Price/E	Pkg Qty
3/16"	1/4"	7/16"-20	143-0307	\$3.03	100
1/4"	1/4"	7/16"-20	143-0407	3.15	100
1/4"	5/16"	1/2"-20	143-0408	5.55	100
5/16"	5/16"	1/2"-20	143-0508	5.09	100
3/8"	1/2"	3/4"-16	143-0612	6.13	100
1/2"	1/2"	3/4"-16	143-0812	5.55	100
1/2"	5/8"	7/8"-14	143-0814	9.42	50

Ferrules

for air and fluid

Brass Part #	Price/E	Pkg Qty	Ferrule ID	Ferrule Length	End Hole Size	Metal Gauge	Std Ind Part #	Ribbed Die*	Plain Die*
BFM478	\$0.45	50	.478"	11/16"	21/64"	.024"	4750	R41	P41/P42
BFM500	0.56	50	.500"	1"	11/32"	.024"	7322	R40	P40
BFM525	0.57	50	.528"	1"	3/8"	.024"	7323	R39	P39
BFM531	0.56	50	.528"	1"	7/16"	.024"	7324	R39	P39
BFM562	0.60	50	.562"	1"	7/16"	.024"	7325	R37	P38
BFM593	0.62	50	.593"	1"	7/16"	.024"	7326	R36	P37
BFM625	0.63	50	.625"	1"	7/16"	.024"	7327	R35	P36
BFM656	0.75	50	.656"	1"	7/16"	.024"	7328	R34	P35
BFM687	0.75	50	.687"	1"	1/2"	.024"	7329	R33	P34
BFM718	0.72	50	.718"	1"	5/8"	.024"	7330	R31	P32
BFM718B	0.72	50	.718"	1"	1/2"	.024"	7330B	R31	P32
BFM750	0.79	50	.750"	1"	5/8"	.024"	7331	R30	P31
BFM750B	0.76	50	.750"	1"	1/2"	.024"	7331B	R30	P31
BFM781	0.91	50	.781"	1"	5/8"	.024"	7332	R29	P30
BFM781B	0.93	50	.781"	1"	1/2"	.024"	7332B	R29	P30
BFM812	0.95	50	.812"	1"	5/8"	.024"	7333	R28	P29
BFL380	0.31	50	.380"	1/2"	17/64"	.016"	622	R44	P45
BFL400	0.35	50	.400"	15/32"	17/64"	.020"	619	R44	P44
BFL410	0.32	50	.410"	1/2"	17/64"	.016"	620	R43	P44
BFL450	0.32	50	.450"	9/16"	11/32"	.016"	769	R41	P42
BFL500	0.33	50	.500"	1/2"	11/32"	.016"	624	R40	P41
BFL525	0.33	50	.525"	1/2"	11/32"	.016"	625	R39	P40
BFL548	0.34	50	.548"	31/64"	3/8"	.016"	626	R38	P39
BFL564	0.45	50	.564"	3/4"	3/8"	.019"	3588	R37	P38
BFL575	0.36	50	.575"	31/64"	15/32"	.019"	KK	R37	P38
BFL600	0.37	50	.600"	1/2"	1/2"	.019"	JJ	R36	P37
BFL625	0.39	50	.625"	1/2"	1/2"	.019"	II	R35	P36
BFL650	0.40	50	.650"	1/2"	1/2"	.019"	HH	R34	P35
BFL675	0.43	50	.675"	33/64"	1/2"	.019"	GG	R34	P34
BFL725	0.43	50	.725"	17/32"	1/2"	.019"	EE	R31	P32
BFL750	0.44	50	.750"	17/32"	1/2"	.019"	DD	R30	P32
BFL775	0.67	50	.775"	17/32"	1/2"	.016"	CC	R31	P31



BFM



BFL

- These dies for use with 5111A and 1765A ferrule machine. Other sizes are available. Ribbed Dies per set: **\$190.00**; Plain Dies per set: **\$190.00**

for fluid only

Brass Part #	Price/E	Pkg Qty	Ferrule ID	Ferrule Length	End Hole Size	Metal Gauge	Std Ind Part #	Ribbed Die*	Plain Die*
BF800	\$0.78	25	.800"	.844"	.688"	.024"	---	R28	P29
BF825	0.77	25	.825"	.844"	.688"	.024"	---	R27	P28
BF850	0.55	25	.850"	.563"	.688"	.019"	Z	R26	P27
BFW875	0.79	25	.875"	.844"	.688"	.024"	7244A	R25	P26
BFW900	0.83	25	.900"	.844"	.688"	.024"	5029A	R24	P25
BFW925	1.05	25	.937"	.844"	.688"	.024"	7242A	R23	P24
BFW975	1.05	25	.975"	.844"	.688"	.024"	5028A	R21	P22
BFW1025	1.10	25	1.025"	.844"	.693"	.024"	7114A	R19	P20
BFW1175	1.20	25	1.175"	.844"	.875"	.024"	7088A	R13	P14
BFMW1050	1.80	25	1.050"	.625"	.750"	.025"	3605	R18	P19
BFMW1100	1.25	25	1.100"	.844"	.812"	.024"	5027A	R16	P17
BFMW1150	1.25	25	1.150"	.844"	.875"	.024"	7104A	R15	P15
BFMW1225	1.85	25	1.225"	.875"	.875"	.025"	875-K	R11	P12
BFMW1275	3.50	25	1.275"	.875"	1.000"	.025"	875-I	R9	P10
BFMW1400	3.55	25	1.400"	.687"	1.125"	.019"	D	R4	P5
BFMW1500	2.50	25	1.500"	.875"	1.125"	.025"	1500	---	P1



BFMW

- These dies for use with 5111A and 1765A ferrule machine. Other sizes are available. Ribbed Dies per set: **\$190.00**; Plain Dies per set: **\$190.00**

sold in package quantities only

Manually - Operated Brass Ferrule Crimper


Features:

- crimps all brass ferrules shown on previous page
- does not include dies
- Dies for ferrule machines are available in standard sets for all ferrules as tabulated (4 segments to a set), supplied with plain or ribbed crimping surface.
- height: 27" with handle upright
- base: 8" x 3"
- body: 7 $\frac{1}{8}$ "
- weight: 25 lbs.

Part #	Price/E
5111A	\$1875.00

Air - Operated Brass Ferrule Crimper


Features:

- provides efficient mass production assembly of hose, ferrules, and fittings
- The foot pedal permits the use of both hands, reduces fatigue and speeds production.
- complete with air cylinder, ferrule machine (less dies), fitted hose lengths and necessary control valves
- ready for work bench installation
- crimps all brass ferrules shown on page 351
- weight: 91 lbs.

Part #	Price/E
1765A	\$8300.00

Die sizes for ferrules and machine numbers 1765A and 5111A are on page 351.

Hose Crimper

Features:

- replacement dies: **\$42.00**
- Hose crimper provides "big tool" crimping advantages at a fraction of the cost.
- rugged, portable and easy to use
- 855 crimper with 5 dies for 31/64" (0.484") to 45/64" (0.703") OD hose
- 855A crimper with 5 dies for 28/64" (0.437") to 43/64" (0.671") OD hose
- optional dies up to 52/64" OD available
- # 855 weight: 10 lbs.
- # 855A weight: 10 lbs.

Crimper Part #	Price/E
855	\$298.20
855A	309.20

Replacement Dies

Die Bore	Hose OD		Die Part #	Crimper # 855	Crimper # 855A
	From:	To:			
.375"	.385"	.406"	856-10	optional	optional
.437"	.447"	.468"	856-7	optional	standard
.484"	.490"	.520"	856-4	standard	standard
.531"	.540"	.562"	856-3	standard	standard
.578"	.590"	.625"	856-2	standard	standard
.625"	.640"	.671"	856-1	standard	standard
.687"	.690"	.710"	856-5	standard	optional
.750"	.760"	.781"	856-8	optional	optional
.812"	.820"	.843"	856-9	optional	optional



Large Hose Crimper

(Sold without dies)

Features:

- for crimping ½" to 1" ID hoses with larger OD's, from 11/16" to 1½"
- crimps standard brass or aluminum ferrules
- order separate dies for each hose diameter
- weight: 10 lbs.

Crimper Part #	Price/E
860	\$330.00

Dies

Hose OD/ Finished Crimp Dimension	Die Part #	Price/E
11/16"	861-22	\$49.00
23/32"	861-23	49.00
3/4"	861-24	49.00
25/32"	861-25	49.00
13/16"	861-26	49.00
27/32"	861-27	49.00
7/8"	861-28	49.00
29/32"	861-29	49.00
15/16"	861-30	49.00
31/32"	861-31	49.00
1"	861-32	49.00
1-1/32"	861-33	49.00
1-1/16"	861-34	49.00
1-1/8"	861-36	49.00
1-3/16"	861-38	49.00
1-1/4"	861-40	49.00
1-5/16"	861-42	49.00
1-3/8"	861-44	49.00
1-7/16"	861-46	49.00
1-1/2"	861-48	49.00

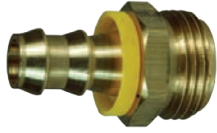


Push-On Hose Fittings with Garden Hose Threads



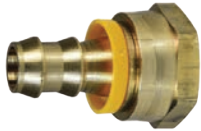
Dixon™ push-on fittings are intended for use with Lok-On (push-on style) hose only. No hose clamps or ferrules are needed. Push-On fittings will properly grip Push-On hose only when pushed all the way in, with the cut end of the hose completely concealed by the plastic cap.

Push-On male garden hose fitting



Hose ID	GHT Thread	Brass Part #	Price/E
1/2"	3/4"	572-0812	\$10.26
5/8"	3/4"	572-1012	12.00
3/4"	3/4"	572-1212	12.05

Push-On female swivel garden hose fitting¹



Hose ID	GHT Thread	Brass Part #	Price/E
1/2"	3/4"	574-0812	\$12.76
5/8"	3/4"	574-1012	14.03
3/4"	3/4"	574-1212	14.06

Push-On garden hose fitting set (not assembled)¹



Hose ID	GHT Thread	Brass Part #	Price/E
1/2"	3/4"	575-0808	\$23.02
5/8"	3/4"	575-1010	26.03
3/4"	3/4"	575-1212	26.09

¹ washer included, part # **5911212W**

Push-On Fittings

- Dixon™ push-on fittings are intended for use with Lok-On (push-on style) hose only. No hose clamps or ferrules are needed. Push-On fittings will properly grip Lok-On hose only when pushed all the way in, with the cut end of the hose completely concealed by the plastic cap.
- refer to page 354 for Push-On garden hose thread fittings



NPTF Hose Barb Fittings



male NPTF x push-on hose barb
National Pipe Tapered - dryseal

female NPTF x push-on hose barb
National Pipe Tapered - dryseal

Hose ID	Male NPTF	Brass		303 Stainless		Opt Qty
		Part #	Price/E	Part #	Price/E	
1/4"	1/8"	BPN21	\$2.21	RPN21	\$30.28	100
1/4"	1/4"	BPN22	2.60	RPN22	24.00	100
1/4"	3/8"	BPN23	3.41	---	---	50
5/16"	1/8"	BPN251	3.14	---	---	100
5/16"	1/4"	BPN252	3.27	---	---	50
3/8"	1/8"	BPN31	3.15	---	---	100
3/8"	1/4"	BPN32	2.90	RPN32	34.37	50
3/8"	3/8"	BPN33	3.36	RPN33	35.85	50
3/8"	1/2"	BPN34	5.55	---	---	25
3/8"	3/4"	BPN36	9.55	---	---	25
1/2"	1/4"	BPN42	4.11	RPN42	34.37	25
1/2"	3/8"	BPN43	3.70	RPN43	38.46	25
1/2"	1/2"	BPN44	5.35	RPN44	47.95	50
1/2"	3/4"	BPN46	8.00	---	---	50
5/8"	3/8"	BPN53	6.55	---	---	25
5/8"	1/2"	BPN54	7.27	---	---	25
5/8"	3/4"	BPN56	9.72	---	---	25
3/4"	1/2"	BPN64	8.42	RPN64	54.82	25
3/4"	3/4"	BPN66	8.95	RPN66	69.88	25
1"	3/4"	BPN86	19.65	---	---	10
1"	1"	BPN88	23.73	RPN88	95.73	10

Hose ID	Female NPTF	Part #	Price/E	Opt Qty
1/4"	1/8"	BPF21	\$3.30	100
1/4"	1/4"	BPF22	3.46	100
1/4"	3/8"	BPF23	5.13	50
5/16"	1/8"	BPF251	4.05	100
5/16"	1/4"	BPF252	5.35	50
3/8"	1/8"	BPF31	4.78	50
3/8"	1/4"	BPF32	3.87	50
3/8"	3/8"	BPF33	4.23	50
3/8"	1/2"	BPF34	5.96	50
3/8"	3/4"	BPF36	12.55	25
1/2"	1/4"	BPF42	5.15	50
1/2"	3/8"	BPF43	4.85	50
1/2"	1/2"	BPF44	5.65	25
1/2"	3/4"	BPF46	12.69	25
5/8"	3/8"	BPF53	6.71	25
5/8"	1/2"	BPF54	6.93	25
5/8"	3/4"	BPF56	16.70	25
3/4"	1/2"	BPF64	8.01	25
3/4"	3/4"	BPF66	12.02	25
1"	3/4"	BPF86	16.60	10
1"	1"	BPF88	20.36	10



male NPTF swivel x push-on hose barb
National Pipe Tapered - dryseal



90° Push-On Hose Barb x Male NPTF Elbows
National Pipe Tapered - dryseal

Hose ID	Male NPTF	Part #	Price/E	Opt Qty
1/4"	1/8"	271-0402	\$7.45	100
1/4"	1/4"	271-0404	6.17	100
3/8"	1/4"	271-0604	6.60	50
3/8"	3/8"	271-0606	7.40	50
1/2"	3/8"	271-0806	7.96	25
1/2"	1/2"	271-0808	10.00	20
3/4"	3/4"	271-1212	14.75	10

Hose ID	Male NPTF	Part #	Price/E	Opt Qty
1/4"	1/8"-27	273-0402	\$4.32	100
1/4"	1/4"-18	273-0404	5.41	50
3/8"	1/8"-27	273-0602	7.26	50
3/8"	1/4"-18	273-0604	6.34	50
3/8"	3/8"-18	273-0606	7.36	25
1/2"	3/8"-18	273-0806	9.36	25
1/2"	1/2"-14	273-0808	11.76	25
3/4"	1/2"-14	273-1208	24.00	10
3/4"	3/4"-14	273-1212	22.90	10

- swivel is for assembly convenience only, not for live swivel applications, 120 maximum PSI



female NPSM swivel x push-on hose barb
gasket seat type



female NPSM swivel x push-on hose barb
ball seat type

Hose ID	Female NPSM	Part #	Price/E	Opt Qty
1/4"	1/8"	280-0402	\$8.12	100
1/4"	1/4"	280-0404	6.02	100
3/8"	1/4"	280-0604	7.16	50
3/8"	3/8"	280-0606	8.67	50
3/8"	1/2"	280-0608	10.89	50
1/2"	1/2"	280-0808	9.82	25
5/8"	1/2"	280-1008	12.30	25
3/4"	3/4"	280-1212	18.18	20

Hose ID	Female NPSM	Part #	Price/E	Opt Qty
1/4"	1/8"	BPFS21	\$7.46	100
1/4"	1/4"	BPFS22	5.49	50
1/4"	3/8"	BPFS23	8.90	50
3/8"	1/4"	BPFS32	6.06	50
3/8"	3/8"	BPFS33	7.70	50
3/8"	1/2"	BPFS34	8.27	50
1/2"	1/2"	BPFS44	8.78	50
1/2"	3/4"	BPFS46	13.00	25
5/8"	3/4"	BPFS56	21.18	25
3/4"	3/4"	BPFS66	16.21	20

- not recommended for use with water

Push-On Fittings



Dixon™ push-on fittings are intended for use with Lok-On (push-on style) hose only. No hose clamps or ferrules are needed. Push-On fittings will properly grip Lok-On hose only when pushed all the way in, with the cut end of the hose completely concealed by the plastic cap.

SAE Thread Size to UNF Thread Size Interchange

SAE Thread number	SAE Tube OD	UNF Thread size	SAE Thread number	SAE Tube OD	UNF Thread size
02	1/8"	5/16" - 24	07	7/16"	11/16" - 24
03	3/16"	3/8" - 24	08	1/2"	3/4" - 16
04	1/4"	7/16" - 20	10	5/8"	7/8" - 14
05	5/16"	1/2" - 20	12	3/4"	1-1/16" - 14
06	3/8"	5/8" - 18			

45° SAE Hose Barb Fittings

male 45° SAE x push-on hose barb



Hose ID	Tube OD	Male UNF	Brass Part #	Price/E	Opt Qty
1/4"	1/4"	7/16"-20	282-0407	\$3.85	100
1/4"	5/16"	1/2"-20	282-0408	3.53	100
3/8"	3/8"	5/8"-18 ¹	282-0610	4.95	50
1/2"	1/2"	3/4"-16	282-0812	6.66	50
5/8"	5/8"	7/8"-14	282-1014	9.56	25
3/4"	3/4"	1-1/16"-14 ¹	282-1217	15.46	25

¹ notch in hex for SAE identification

female 45° SAE swivel x push-on hose barb



Hose ID	Tube OD	Female UNF	Brass Part #	Price/E	Opt Qty
1/4"	3/8"	5/8"-18 ¹	284-0410	\$6.30	50
5/16"	3/8"	5/8"-18 ¹	284-0510	6.44	50
3/8"	3/8"	5/8"-18 ¹	284-0610	5.05	100
3/4"	3/4"	1-1/16"-14 ¹	284-1217	13.00	25

¹ notch in hex for SAE identification

SAE Inverted Flare Fittings

male SAE swivel x push-on hose barb



Hose ID	Tube OD	Male UNF	Brass Part #	Price/E	Opt Qty
1/4"	3/16"	3/8"-24	290-0406	\$8.29	100
1/4"	1/4"	7/16"-24	290-0407¹	5.69	100
1/4"	5/16"	1/2"-20	290-0408	6.68	100
5/16"	5/16"	1/2"-20	290-0508	6.90	50
5/16"	3/8"	5/8"-18	290-0510	8.18	50
3/8"	5/16"	1/2"-20	290-0608	8.00	100
3/8"	3/8"	5/8"-18	290-0610	8.44	50
1/2"	1/2"	3/4"-18	290-0812¹	10.59	50
5/8"	5/8"	7/8"-18	290-1014¹	13.56	25

¹ UNS thread

rigid female SAE x push-on hose barb



Hose ID	Tube OD	Female UNF	Brass Part #	Price/E	Opt Qty
1/4"	3/16"	3/8"-24	292-0406	\$4.20	100
1/4"	1/4"	7/16"-24	292-0407¹	3.82	100
1/4"	5/16"	1/2"-20	292-0408	4.25	100
5/16"	5/16"	1/2"-20	292-0508	4.25	100
3/8"	5/16"	1/2"-20	292-0608	5.76	100
3/8"	3/8"	5/8"-18	292-0610	5.49	50
1/2"	1/2"	3/4"-18	292-0812¹	8.18	25

¹ UNS thread

Push-On Fittings



Dixon™ push-on fittings are intended for use with Lok-On (push-on style) hose only. No hose clamps or ferrules are needed. Push-On fittings will properly grip Lok-On hose only when pushed all the way in, with the cut end of the hose completely concealed by the plastic cap.

JIC Thread Size to UNF Thread Size Interchange

JIC Thread Number	JIC Tube OD	UNF Thread Size	JIC Thread Number	JIC Tube OD	UNF Thread Size
02	1/8"	5/16" - 24	12	3/4"	1-1/16" - 12
03	3/16"	3/8" - 24	14	7/8"	1-3/16" - 12
04	1/4"	7/16" - 20	16	1"	1-5/16" - 12
05	5/16"	1/2" - 20	20	1-1/4"	1-5/8" - 12
06	3/8"	9/16" - 18	24	1-1/2"	1-7/8" - 12
08	1/2"	3/4" - 16	28	1-3/4"	2-1/4" - 12
10	5/8"	7/8" - 14	32	2"	2-1/2" - 12

37° JIC Hose Barb Fittings male 37° JIC x push-on hose barb

Hose ID	Tube OD	Male UNF	Brass Part #	Price/E	Opt Qty
1/4"	1/4"	7/16"-20	286-0407	\$3.80	100
1/4"	5/16"	1/2"-20	286-0408	7.65	50
1/4"	3/8"	9/16"-18	286-0409	5.65	100
3/8"	3/8"	9/16"-18	286-0609	5.50	50
1/2"	1/2"	3/4"-16	286-0812	7.37	25
5/8"	5/8"	7/8"-14	286-1014	9.31	25
3/4"	3/4"	1-1/16"-12	286-1217 ¹	14.25	10

¹ UN thread

female 37° JIC swivel x push-on hose barb

Hose ID	Tube OD	Female UNF	Brass Part #	Price/E	Opt Qty
1/4"	3/8"	9/16"-18	288-0409	\$5.21	50
5/16"	3/8"	9/16"-18	288-0509	6.21	50
3/8"	3/8"	9/16"-18	288-0609	5.21	50
1/2"	3/4"	9/16"-18	288-0809	7.70	25
3/4"	3/4"	1-1/16"-12	288-1217 ¹	13.49	10
1"	1"	1-5/16"-12	288-1621 ¹	30.83	10

¹ UN thread

Hose ID	Tube OD	Female UNF	303 SS Part #	Price/E	Opt Qty
3/8"	3/8"	9/16"-18	288-0609SS	\$62.70	50
3/4"	3/4"	1-1/16"-12	288-1217SS	111.85	10
1"	1"	1-5/16"-12	288-1621SS	122.25	10

female 45°SAE / 37°JIC swivel x push-on hose barb (dual angle seat)

Hose ID	Tube OD	Female UNF	Brass Part #	Price/E	Opt Qty
1/4"	1/4"	7/16"-20	287-0407	\$3.96	100
1/4"	5/16"	1/2"-20	287-0408	5.27	100
3/8"	5/16"	1/2"-20	287-0608	7.34	25
3/8"	1/2"	3/4"-16	287-0612	6.30	25
1/2"	1/2"	3/4"-16	287-0812	6.36	25
1/2"	5/8"	7/8"-14	287-0814	9.11	25
5/8"	5/8"	7/8"-14	287-1014	9.71	25
3/4"	5/8"	7/8"-14	287-1214	18.28	25

NEW

Hose ID	Tube OD	Female UNF	303 SS Part #	Price/E	Opt Qty
1/4"	1/4"	7/16"-20	287-0407SS	\$46.95	100
1/2"	1/2"	3/4"-16	287-0812SS	65.45	25

female 37° JIC/45° SAE swivel x push-on 90° elbow

Hose ID	Tube OD	Female UNF	Plated Steel Part #	Price/E	Opt Qty
1/4"	1/4"	7/16"-20	289-0407 ³	\$27.00	25
1/4"	1/4"	7/16"-20	289-0407SAE ¹	35.72	25
3/8"	3/8"	9/16"-18	289-0609 ³	25.35	25
3/8"	3/8"	5/8"-18	289-0610SAE ¹	36.45	25
1/2"	1/2"	3/4"-16	289-0812 ³	31.10	10
3/4"	3/4"	1-1/16"-12	289-1217 ^{2,3}	84.52	5

¹ notch in nut for SAE identification

² UN thread

³ JIC only, may substitute dual angle



Push-On Fittings



Dixon™ push-on fittings are intended for use with Lok-On (push-on style) hose only. No hose clamps or ferrules are needed. Push-On fittings will properly grip Lok-On hose only when pushed all the way in, with the cut end of the hose completely concealed by the plastic cap.

Rigid Tube x Push-On Hose Barb



Hose ID	Tube OD	Brass		303 Stainless		Opt Qty
		Part #	Price/E	Part #	Price/E	
1/4"	3/16"	294-0403	\$4.32	---	---	100
1/4"	1/4"	294-0404	2.93	294-0404SS	\$30.86	100
1/4"	5/16"	294-0405	4.00	---	---	100
3/8"	3/8"	294-0606	3.32	294-0606SS	28.57	50
1/2"	1/2"	294-0808	4.92	294-0808SS	33.06	50
5/8"	5/8"	294-1010	7.28	---	---	25
3/4"	3/4"	294-1212	11.29	294-1212SS	38.67	25



Push-On Hose Menders

Hose ID	Brass		303 Stainless		Opt Qty
	Part #	Price/E	Part #	Price/E	
1/4"	BPM2	\$3.00	SSPM2	\$34.37	100
5/16"	BPM25	3.72	---	---	100
3/8"	BPM3	3.40	SSPM3	39.28	50
1/2"	BPM4	5.50	SSPM4	43.61	50
5/8"	BPM5	7.86	---	---	20
3/4"	BPM6	9.25	---	---	15
1"	BPM8	16.15	---	---	10



Push-On Caps

Hose ID	Part #	Price/E	Pkg Qty
1/4"	2720400W	\$0.14	100
5/16"	2720500W	0.13	100
3/8"	2720600W	0.18	100
1/2"	2720800W	0.22	100
5/8"	2721000W	0.23	50
3/4"	2721200W	0.29	50
1"	2721600W	4.31	25



- Sold in package quantities only.

Tool for Push-On Fittings



Features:

- cuts push-on style hose and inserts the fitting
- Built-in cutter slices through 1/4" - 3/4" ID reinforced push-on hose without fraying.
- Clamp hose into tools vice and apply light pressure on handle to drive in the fitting.
- tool has four 7/16" diameter mounting holes for bench mounting
- overall size is 13 1/2" long x 2-3/8" wide x 7" height

Size	Part #	Price/E
1/4" - 3/4"	270AT	\$1143.00

Assembly Instructions:

1. Trim hose end with smooth square cut
2. Lubricate either push-on fitting, hose or both.
3. Insert push-on fitting into hose until first barb is in hose.
4. Place end of fitting against a flat object (bench, wall, etc.) and grip the hose one inch from end. Push with a steady force until end of hose is covered by yellow plastic cap.

Disassembly Instructions:

1. Leaving push-on fitting in place, make a 1" cut in the hose along the barbed end of the fitting. Note: Be careful not to nick barbs when cutting the hose.
2. With firm grip on hose, give a sharp downward pull to release the fitting from the hose.



Caution: Push-on fittings will properly grip push-on hose only when pushed all the way in, with the cut end of the hose completely concealed by the plastic cap.

Hose Assembly Tool



- installs 1/4", 5/16" and 3/8" hose fittings
- lightweight, portable, comfortable cushioned grip
- economical

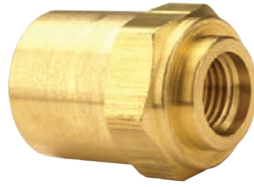
Part #	Price/E
HHCI	\$222.00

Reusable Fittings

Applications:



Reusable fittings are recommended for low pressure air hose applications. They offer a more durable hose connection and are easily repaired. Maximum working pressure: **250 PSI** at ambient temperature (70°F). *Caution: Check hose OD and ID accurately before ordering.*



reusable ferrules

Hose ID	Hose OD	Brass Part #	Price/E	303 Stainless Steel Part #	Price/E	Opt Qty ¹
1/4"	1/2"	1800408F	\$2.79	1800408FSS	\$35.20	100
1/4"	9/16"	1800409F	3.32	1800409FSS	34.37	50
1/4"	5/8"	1800410F	3.56	1800410FSS	34.55	50
5/16"	9/16"	1800509F	5.12	1800509FSS	35.62	100
5/16"	5/8"	1800510F	3.96	1800510FSS	35.46	50
5/16"	11/16"	1800511F	5.85	---	---	50
3/8"	5/8"	1800610F	3.73	1800610FSS	35.71	50
3/8"	11/16"	1800611F	4.40	1800611FSS	36.00	50
3/8"	3/4"	1800612F	3.91	1800612FSS	35.80	50
1/2"	7/8"	1800814F	8.42	1800814FSS	52.37	25
1/2"	15/16"	1800815F	9.63	1800815FSS	52.37	25
1/2"	1"	1800816F	10.89	---	---	20

¹ stainless steel parts are packaged to order



reusable male stems

Hose ID	Male NPTF Thread ¹	Brass Part #	Price/E	303 Stainless Steel Part #	Price/E	Opt Qty ²
1/4"	1/8"	1820402S	\$5.48	1820402SS	\$29.27	100
1/4"	1/4"	1820404S	3.51	1820404SS	34.12	100
1/4"	3/8"	1820406S	6.52	---	---	50
5/16"	1/4"	1820504S	4.15	1820504SS	32.10	50
5/16"	3/8"	1820506S	6.60	---	---	50
3/8"	1/4"	1820604S	3.63	1820604SS	35.70	100
3/8"	3/8"	1820606S	4.32	1820606SS	35.64	50
3/8"	1/2"	1820608S	8.14	---	---	25
1/2"	1/4"	1820804S	8.12	---	---	50
1/2"	3/8"	1820806S	7.95	1820806SS	42.55	50
1/2"	1/2"	1820808S	8.37	1820808SS	50.90	25

¹ stainless steel parts have NPT threads

² stainless steel parts are packaged to order

Reusable Fittings

reusable male fittings

Hose ID	Hose OD	Male NPTF ²	Brass Part #	Price/E	Opt Qty	303 Stainless ¹ Part #	Price/E
1/4"	1/2"	1/8"	BN21RU50	\$8.27	100	BN21RU50SS	\$64.45
1/4"	9/16"	1/8"	BN21RU56	8.80	100	BN21RU56SS	63.63
1/4"	5/8"	1/8"	BN21RU62	9.05	100	BN21RU62SS	63.81
1/4"	1/2"	1/4"	BN22RU50	6.30	50	BN22RU50SS	69.30
1/4"	9/16"	1/4"	BN22RU56	6.83	50	BN22RU56SS	68.49
1/4"	5/8"	1/4"	BN22RU62	7.07	50	BN22RU62SS	68.66
1/4"	1/2"	3/8"	BN23RU50	9.31	50	---	---
1/4"	9/16"	3/8"	BN23RU56	9.85	50	---	---
1/4"	5/8"	3/8"	BN23RU62	10.08	50	---	---
5/16"	9/16"	1/4"	BN252RU56	9.27	50	BN252RU56SS	67.71
5/16"	5/8"	1/4"	BN252RU62	8.25	50	BN252RU62SS	67.55
5/16"	11/16"	1/4"	BN252RU68	10.00	50	---	---
5/16"	9/16"	3/8"	BN253RU56	11.72	50	---	---
5/16"	5/8"	3/8"	BN253RU62	10.70	50	---	---
5/16"	11/16"	3/8"	BN253RU68	12.45	50	---	---
3/8"	5/8"	1/4"	BN32RU62	7.35	50	BN32RU62SS	71.80
3/8"	11/16"	1/4"	BN32RU68	8.02	50	BN32RU68SS	71.70
3/8"	3/4"	1/4"	BN32RU75	7.55	50	BN32RU75SS	71.50
3/8"	5/8"	3/8"	BN33RU62	8.05	50	BN33RU62SS	71.35
3/8"	11/16"	3/8"	BN33RU68	8.72	50	BN33RU68SS	71.64
3/8"	3/4"	3/8"	BN33RU75	8.23	50	BN33RU75SS	71.45
3/8"	5/8"	1/2"	BN34RU62	11.86	50	---	---
3/8"	11/16"	1/2"	BN34RU68	12.55	50	---	---
3/8"	3/4"	1/2"	BN34RU75	12.04	50	---	---
1/2"	7/8"	1/4"	BN42RU87	16.55	25	---	---
1/2"	15/16"	1/4"	BN42RU93	17.75	25	---	---
1/2"	1"	1/4"	BN42RU99	19.00	25	---	---
1/2"	7/8"	3/8"	BN43RU87	16.35	25	BN43RU87SS	94.91
1/2"	15/16"	3/8"	BN43RU93	17.56	25	BN43RU93SS	94.91
1/2"	1"	3/8"	BN43RU99	18.81	25	---	---
1/2"	7/8"	1/2"	BN44RU87	16.41	25	BN44RU87SS	103.27
1/2"	15/16"	1/2"	BN44RU93	18.00	25	BN44RU93SS	103.27
1/2"	1"	1/2"	BN44RU99	19.25	25	---	---



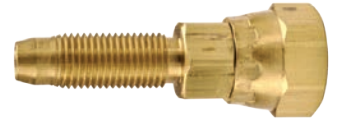
¹ stainless steel reusable fittings are packaged to order

² stainless steel fittings have NPT threads

Reusable Fittings

reusable female swivel stems

Brass Part #	Hose ID	Female NPSM	Price/E	Opt Qty
1840404A	1/4"	1/4"-18	\$6.10	50
1840406A	1/4"	3/8"-18	9.67	50
1840504A	5/16"	1/4"-18	6.82	50
1840604A	3/8"	1/4"-18	7.00	50
1840606A	3/8"	3/8"-18	8.60	50
1840808A	1/2"	1/2"-14	10.75	25



reusable female swivels

Brass Part #	Hose ID	Female NPSM	Hose OD	Price/E	Opt Qty
185-4084	1/4"	1/4"	1/2"	\$8.90	50
185-4094	1/4"	1/4"	9/16"	9.40	50
185-4104	1/4"	1/4"	5/8"	9.65	50
185-4086	1/4"	3/8"	1/2"	12.46	50
185-4096	1/4"	3/8"	9/16"	13.00	50
185-4106	1/4"	3/8"	5/8"	13.23	50
185-5094	5/16"	1/4"	9/16"	11.93	50
185-5104	5/16"	1/4"	5/8"	10.91	50
185-5114	5/16"	1/4"	11/16"	12.65	50
185-6104	3/8"	1/4"	5/8"	10.72	50
185-6114	3/8"	1/4"	11/16"	11.40	50
185-6124	3/8"	1/4"	3/4"	10.90	50
185-6106	3/8"	3/8"	5/8"	12.30	50
185-6116	3/8"	3/8"	11/16"	13.00	50
185-6126	3/8"	3/8"	3/4"	12.50	50
185-8148	1/2"	1/2"	7/8"	19.16	20
185-8158	1/2"	1/2"	15/16"	20.37	20
185-8168	1/2"	1/2"	1"	21.63	20



reusable hose splicers

Brass Part #	Hose ID	Hose OD	Price/E	Opt Qty
187-0408	1/4"	1/2"	\$9.92	50
187-0409	1/4"	9/16"	10.97	50
187-0410	1/4"	5/8"	11.45	50
187-0610	3/8"	5/8"	12.05	25
187-0611	3/8"	11/16"	13.40	25
187-0612	3/8"	3/4"	12.40	25



Grease Whip Hose Assemblies

Features:

- for use with hand grease guns only
- one piece brass crimp couplings
- 1/8"-27 male NPT thread, solid base
- US manufactured 3/16" ID hose - exceeds SAE 100R1-AT
- strain relief spring option is available as a special, consult Dixon™ for pricing
- working pressure: **3000 PSI**



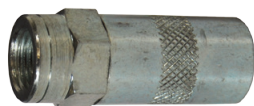
Part #	Assembly Length	Price/E
<i>GWH-0800</i>	8"	\$12.14
<i>GWH-1200</i>	12"	14.25
NEW <i>GWH1200R</i> ¹	12"	19.40
<i>GWH-1800</i>	18"	17.91
NEW <i>GWH1800R</i> ¹	18"	23.08
<i>GWH-2400</i>	24"	21.55
<i>GWH-3600</i>	36"	28.80
<i>GWH-4800</i>	48"	36.09
<i>GWH-6000</i>	60"	43.27

¹ retail packaging

Grease Whip Hose Fittings

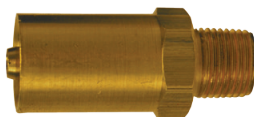
Features:

- male and female fittings are designed to be crimped on **grease hose couplers**



Zinc Plated Steel Part #	Description	Price/E	Pkg Qty
<i>GWH-C</i>	grease hose coupler with ball check - valved shutoff	\$8.15	25
<i>GWHC-FF</i>	full flow grease hose coupler	8.15	25

male NPT thread - chamfered base



Brass Part #	Description	Price/E	Pkg Qty
<i>001-0055</i>	1/8"-27 male NPT thread, drilled and chamfered base	\$3.30	100

male NPT thread - solid base



Brass Part #	Description	Price/E	Pkg Qty
<i>001-0260</i>	1/8"-27 male NPT thread, solid base	\$2.69	100

female NPT thread



Brass Part #	Description	Price/E	Pkg Qty
<i>001-0860</i>	1/8"-27 female NPT thread	\$5.20	100

Grease Whip Fittings



Zinc Plated Steel Part #	Threads	Description	Overall Length	Thread Length	Hex	Price/E	Pkg Qty
<i>GWHZ000</i>	1/8-27 NPT	straight	.660	.260	.430	\$0.81	100
<i>GWHZ045</i>	1/8-27 NPT	45°	.860	.280	.430	1.11	100
<i>GWHZ090</i>	1/8-27 NPT	90°	.830	.310	.430	1.12	100
<i>GWHZ400</i>	1/4-28 tapered SAE-LT	straight	.530	.200	.312	0.63	100
<i>GWHZ445</i>	1/4-28 tapered SAE-LT	45°	.800	.200	.375	1.13	100
<i>GWHZ490</i>	1/4-28 tapered SAE-LT	90°	1.20	.200	.375	1.13	100

Oxy-Acetylene Hose Couplings

acetylene couplings

left-hand thread for acetylene line x hose shank

Hose Size	Brass Part #	Price/E	Left UNF Thread	Hex
3/16"	OA69	\$5.42	3/8"-24	7/16"
3/16"	OA70	4.18	9/16"-18	11/16"
1/4"	OA71	3.75	9/16"-18	11/16"
5/16"	OA72	4.80	9/16"-18	11/16"
3/8"	OA73	4.31	9/16"-18	11/16"



oxygen couplings

right-hand thread for oxygen line x hose shank

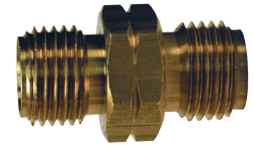
Hose Size	Brass Part #	Price/E	Right UNF Thread	Hex
3/16"	OA59	\$5.41	3/8"-24	7/16"
3/16"	OA60	4.07	9/16"-18	11/16"
1/4"	OA61	3.78	9/16"-18	11/16"
5/16"	OA62	4.75	9/16"-18	11/16"
3/8"	OA63	4.28	9/16"-18	11/16"



Oxy-Acetylene Connecting Spuds

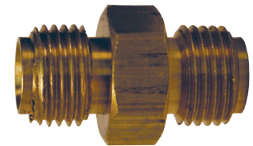
left-hand thread x left-hand thread

Brass Part #	Price/E	Left UNF Thread	Hex
OA52	\$4.53	9/16"-18	11/16"



right-hand thread x right-hand thread

Brass Part #	Price/E	Right UNF Thread	Hex
OA50	\$4.05	9/16"-18	11/16"



Oxy-Acetylene Adapters

left-hand thread x NPTF

Brass Part #	Price/E	Left UNF Thread	NPTF Thread	Hex
158-0904	\$3.45	9/16"-18	1/4"	5/8"
158-0906	4.67	9/16"-18	3/8"	11/16"



right-hand thread x NPTF

Brass Part #	Price/E	Right UNF Thread	NPTF Thread	Hex
156-0904	\$3.42	9/16"-18	1/4"	5/8"
156-0906	4.28	9/16"-18	3/8"	11/16"



Oxy-Acetylene Ferrules

- sold in package quantities only

Brass Part #	Price/E	Inside Dimensions	Overall Length	Metal Gauge	Std. Ind. Part #	Qty
BFO448	\$0.71	.458" x 0.890"	15/32"	.019"	9116	25
BFO474	0.52	.474" x 0.943"	15/32"	.019"	9979	25
BFO535	0.85	.535" x 1.071"	3/4"	.024"	9940P	25
BFO593	0.78	.593" x 1.109"	3/4"	.024"	9593	25
BFO700	3.65	.700" x 1.325"	.719"	.025"	8337	25



NEW

Lead Free Fittings

Application:

- For use where "Lead Free" fittings are required

Conforms To:

- Safe Water Drinking Act (SWDA) of Jan. 4, 2014
- California AB1953
- RoHS Compliant

Materials:

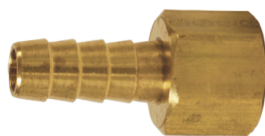
- Lead free brass $\leq 0.25\%$ lead
- Alloy CA2745
- Alloy C46400

Male Hose Barbs - NPT



Hose ID x Male NPT Thread	Brass Part #	Price/E
3/16" x 1/8"	1020302CLF	\$8.81
1/4" x 1/8"	1020402CLF	7.57
1/4" x 1/4"	1020404CLF	7.52
5/16" x 1/8"	1020502CLF	8.88
5/16" x 1/4"	1020504CLF	8.89
3/8" x 1/8"	1020602CLF	9.01
3/8" x 1/4"	1020604CLF	8.06
3/8" x 3/8"	1020606CLF	11.49
3/8" x 1/2"	1020608CLF	14.80
1/2" x 1/4"	1020804CLF	12.92
1/2" x 3/8"	1020806CLF	11.75
1/2" x 1/2"	1020808CLF	17.28
5/8" x 1/2"	1021008CLF	18.33
3/4" x 1/2"	1021208CLF	21.27
3/4" x 3/4"	1021212CLF	27.23

Female Hose Barbs - Solid - NPT



Hose ID x Female NPT Thread	Brass Part #	Price/E
1/4" x 1/4"	1040404CLF	\$13.16
3/8" x 1/4"	1040604CLF	13.18
3/8" x 3/8"	1040606CLF	17.49
3/8" x 1/2"	1040608CLF	24.61
1/2" x 1/2"	1040808CLF	25.50

90° Elbows - NPT



Hose ID x Male NPT Thread	Brass Part #	Price/E
1/4" x 1/4"	1290404CLF	\$15.86
3/8" x 1/4"	1290604CLF	32.57
3/8" x 3/8"	1290606CLF	12.96

Female Swivel Hose Barbs - Dual Angle Seat



Hose ID x Tube OD x UNF Thread	Brass Part #	Price/E
1/4" x 1/4" x 7/16-20	1430407KLF	\$6.43

Lead Free Fittings

Solid Hex Head Plug - NPT

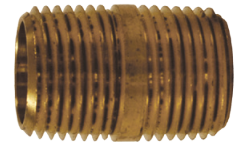
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NPT Thread	Brass Part #	Price/E
1/8"	1630200CLF	\$2.36
1/4"	1630400CLF	3.16



Close Pipe Nipples - NPT

NPT Thread x NPT Thread	Brass Part #	Price/E
1/8" x 1/8"	1650202CLF	\$3.24
1/4" x 1/4"	1650404CLF	4.74
3/8" x 3/8"	1650606CLF	6.56
1/2" x 1/2"	1650808CLF	8.03
3/4" x 3/4"	1651212CLF	13.54



Long Pipe Nipples - NPT

NPT Thread x OAL	Brass Part #	Price/E
1/8" x 3"	1660230CLF	\$10.59
1/8" x 4"	1660240CLF	8.46
1/4" x 1 1/2"	1660415CLF	6.44
1/4" x 2"	1660420CLF	9.27
1/4" x 3"	1660430CLF	16.40
1/4" x 4"	1660440CLF	11.39
3/8" x 1 1/2"	1660615CLF	9.02
3/8" x 2"	1660620CLF	11.42
3/8" x 2 1/2"	1660625CLF	14.89
3/8" x 3"	1660630CLF	17.56
3/8" x 4"	1660640CLF	19.53
1/2" x 1 1/2"	1660815CLF	11.22



Hose Splicers

Hose ID x Hose ID	Brass Part #	Price/E
1/4" x 1/4"	1780404CLF	\$9.27
3/8" x 3/8"	1780606CLF	10.38
1/2" x 1/2"	1780808CLF	11.59



Hose Barb Tee Splicers

Hose ID	Brass Part #	Price/E
1/4" x 1/4" x 1/4"	1790404CLF	\$9.76
3/8" x 3/8" x 3/8"	1790606CLF	10.22



Pipe Caps - NPT

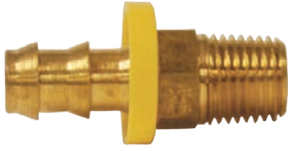
NPT Thread	Brass Part #	Price/E
1/8"	2130200CLF	\$3.10
1/4"	2130400CLF	3.72
3/8"	2130600CLF	6.20
1/2"	2130800CLF	10.77
3/4"	2131200CLF	15.66



NEW

Lead Free Fittings

Push-On Male NPT Hose Barbs



Hose ID x Male NPT Thread	Brass Part #	Price/E
1/4" x 1/8"	2720402CLF	\$5.38
1/4" x 1/4"	2720404CLF	7.10
3/8" x 1/4"	2720604CLF	7.33
3/8" x 3/8"	2720606CLF	9.99
1/2" x 3/8"	2720806CLF	11.52
1/2" x 1/2"	2720808CLF	19.02

Push-On Female Swivel Hose Barb - Dual Angle



Hose ID x Tube OD x UNF Thread	Brass Part #	Price/E
1/4" x 1/4" x 7/16"-20	2870407CLF	\$7.57

90° Female Pipe Elbows - NPT



NPT Thread	Brass Part #	Price/E
1/4"	3020404CLF	\$26.79
3/8"	3020606CLF	26.46
1/2"	3020808CLF	30.32
3/4"	3021212CLF	79.07

90° Street Elbows - NPT



NPT Thread	Brass Part #	Price/E
1/8" x 1/8"	3040202CLF	\$16.58
1/4" x 1/4"	3040404CLF	10.46
3/8" x 3/8"	3040606CLF	14.70
1/2" x 1/2"	3040808CLF	28.33

Female Pipe Tees - NPT



NPT Thread	Brass Part #	Price/E
1/8"	3220202CLF	\$20.17
1/4"	3220404CLF	19.36
3/8"	3220606CLF	25.71
1/2"	3220808CLF	39.38
3/4"	3221212CLF	124.45

Male Branch Tees - NPT



NPT Thread	Brass Part #	Price/E
3/8"	3240606CLF	\$46.88

Lead Free Fittings

Street Tee - NPT

NEW

NPT Thread	Brass Part #	Price/E
1/4"	326040CLF	\$40.03



Male Hex Nipples - NPT

NPT Thread	Brass Part #	Price/E
1/8" x 1/8"	3700202CLF	\$4.47
1/4" x 1/4"	3700404CLF	7.63
3/8" x 3/8"	3700606CLF	9.95
1/2" x 1/2"	3700808CLF	17.81



Female Hex Couplings - NPT

NPT Thread	Brass Part #	Price/E
1/8" x 1/8"	3710202CLF	\$10.51
1/4" x 1/4"	3710404CLF	11.70
3/8" x 3/8"	3710606CLF	17.48
1/2" x 1/2"	3710808CLF	19.76



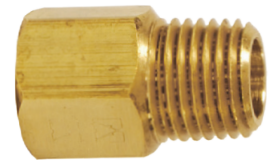
Reducer Bushings - NPT

Male NPT x Female NPT Thread	Brass Part #	Price/E
1/4" x 1/8"	3730402CLF	\$4.30
3/8" x 1/4"	3730604CLF	6.06
1/2" x 1/4"	3730804CLF	11.67
1/2" x 3/8"	3730806CLF	10.05
3/4" x 1/2"	3731208CLF	15.53



Adapters - NPT

Female NPT x Male NPT Thread	Brass Part #	Price/E
1/4" x 1/8"	3750402CLF	\$8.96
1/4" x 1/4"	3750404CLF	12.03
3/8" x 1/4"	3750604CLF	15.61
1/2" x 1/2"	3750808CLF	25.38
3/4" x 3/4"	3751212CLF	38.25



Reducer Couplers - NPT

Female NPT x Female NPT Thread	Brass Part #	Price/E
1/2" x 3/4"	3770806CLF	\$17.74
3/4" x 1/2"	3771208CLF	23.18



Female Hose x Female Pipe NPT Swivel

GH Thread x NPT Thread	Brass Part #	Price/E
3/4" x 1/2"	5021208CLF	\$23.52
3/4" x 3/4"	5021212CLF	33.19



NEW

Lead Free Fittings

Female Hose x Female Hose Swivel

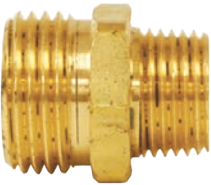
Female GH x Female GH	Brass Part #	Price/E
$\frac{3}{4}$ " x $\frac{3}{4}$ "	5061212CLF	\$39.85

Male Hose x Female Pipe Adapter



Male GH x Female NPT	Brass Part #	Price/E
$\frac{3}{4}$ " x $\frac{3}{4}$ "	5071212CLF	\$20.83

Male Hose x Male Pipe Adapter



Male GH x Male NPT	Brass Part #	Price/E
$\frac{3}{4}$ " x $\frac{1}{2}$ "	5081208CLF	\$18.77

Male Hose x Male Hose x Female Pipe



Male GH x Male GH x Female NPT	Brass Part #	Price/E
$\frac{3}{4}$ " x $\frac{3}{4}$ " x $\frac{1}{2}$ "	5091212CLF	\$19.67

Male Hose x Male Pipe x Female Pipe



Male GH x Male NPT x Female NPT	Brass Part #	Price/E
$\frac{3}{4}$ " x $\frac{3}{4}$ " x $\frac{1}{2}$ "	5141212CLF	\$19.03

Male Garden Hose



Hose ID x Male GH	Brass Part #	Price/E
$\frac{1}{2}$ " x $\frac{3}{4}$ "	5900812CLF	\$15.08
$\frac{5}{8}$ " x $\frac{3}{4}$ "	5901012CLF	15.08
$\frac{3}{4}$ " x $\frac{3}{4}$ "	5901212CLF	15.08

Female Garden Hose Swivel Fittings



Hose ID x Female GH	Brass Part #	Price/E
$\frac{1}{2}$ " x $\frac{3}{4}$ "	5910812CLF	\$17.20
$\frac{5}{8}$ " x $\frac{3}{4}$ "	5911012CLF	17.20
$\frac{3}{4}$ " x $\frac{3}{4}$ "	5911212CLF	17.20

Clear PVC Tubing

Applications:

- Clear PVC Tubing is designed to be used with standard shank fittings in low pressure liquid and pneumatic applications.

domestic

Features:

- for non-critical hospital use such as suction and draining
- made from non-toxic ingredients conforming to FDA and 3A standards
- shipped in individually boxed bundles, *sold only in lengths shown below*
- maximum temperature: **175°F**

ID	Size		Working Pressure (PSI) @ 72°F	Length	PVC	
	OD	Part #			Price/E	
3/16"	5/16"	55	100'	CL0305	\$46.00	
1/4"	3/8"	55	100'	CL0406	62.75	
1/4"	1/2"	70	100'	CL0408	117.00	
5/16"	7/16"	50	100'	CL0507	63.75	
3/8"	1/2"	40	100'	CL0608	72.25	
3/8"	5/8"	65	100'	CL0610	153.00	
1/2"	5/8"	30	100'	CL0810	101.00	
1/2"	3/4"	45	100'	CL0812	184.00	
5/8"	7/8"	40	100'	CL1014	250.00	
3/4"	1"	35	100'	CL1216	258.00	
1"	1-1/4"	28	100'	CL1620	340.00	
1-1/4"	1-3/4"	45	50'	CL2028-50	520.00	
1-1/2"	2"	40	50'	CL2432-50	545.00	

imported

Features:

- temperature range: **14°F to 149°F**
- shipped in bundles wrapped with PVC film, *sold only in lengths shown below*

ID	Size		Working Pressure (PSI) @ 72°F	Length	PVC	
	OD	Part #			Price/E	
1/4"	3/8"	50	100'	ICL0406	\$25.50	
3/8"	1/2"	35	100'	ICL0608	35.45	
1/2"	5/8"	35	100'	ICL0810	46.30	
1/2"	3/4"	50	100'	ICL0812	100.90	
3/4"	1"	35	100'	ICL1216	143.50	
1"	1 1/4"	30	100'	ICL1620	178.55	
1 1/2"	2"	15	50'	ICL2432	290.55	



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Clear PVC Braided Tubing

Applications:

- Clear PVC Braided Tubing is designed to be used in low pressure liquid and pneumatic applications.

domestic

Features:

- high grade tensile strength polyester yarn reinforcement
- temperature range: **27°F to 150°F**
- shipped in coils, *sold only in lengths shown below*

ID	Size		Working Pressure (PSI) @ 72°F	Length	PVC	
	OD	Part #			Price/E	
3/16"	.394	315	300'	BR0306	\$300.00	
1/4"	.435	315	300'	BR0446	360.00	
3/8"	.625	265	300'	BR0609	651.50	
1/2"	.728	215	300'	BR0812	560.00	
5/8"	.906	200	300'	BR1014	830.00	
3/4"	1.024	150	300'	BR1218	820.00	
1"	1.375	185	200'	BR1621	1420.00	
1-1/4"	1.732	110	100'	BR2027	890.00	
1-1/2"	1.950	90	100'	BR2431	1775.00	

imported

Features:

- for various machine tools and the transportation of chemicals
- temperature range: **14°F to 149°F**
- shipped in bundles wrapped with PVC film, *sold only in lengths shown below*

ID	Size		Working Pressure (PSI) @ 72°F	Length	PVC	
	OD	Part #			Price/E	
1/4"	1/2"	142	300'	IBR0446	\$191.00	
3/8"	5/8"	114	300'	IBR0609	246.25	
1/2"	3/4"	100	300'	IBR0812	310.00	
3/4"	1-1/16"	71	300'	IBR1218	661.30	
1"	1-5/16"	71	200'	IBR1621	513.10	



PVC Tubing and Hose Cutters


Features:

- rugged construction cuts up to ¾" tubing or hose
- corrosion resistant hardened steel blade ensures straight, crisp cuts for optimum fit

Part #	Price/E
TC97	\$17.00
TC97RB	5.85


Features:

- cuts low pressure fabric reinforced hose up to 1" OD
- reversible blade

Part #	Price/E
HC90	\$26.70
HC90RB (replacement blade)	11.15

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Features:

- cuts hose and tubing up to 1 7/8" OD
- tough fiberglass reinforced handle
- stainless steel blade

Part #	Price/E
LHC95	\$47.70
LHC95RB (replacement blade)	19.00

Properties of Tuff-Lite™ Materials

Nylon Features:

- Nylon fittings should not be used with acid-based fertilizers, bromine, chlorine, fluorine, hydrochloric acid, iodine, nitric acid, phosphoric acid, sulfuric acid or xylene.
- nylon should not be used with compressed gas
- fittings are white



Polypropylene Features:

- Polypropylene fittings should not be used with aromatic hydrocarbons, carbon tetra-chloride, gasoline, hexane, kerosene, nitric acid, sodium hydrochlorite, toluene, trichloroethylene or xylene.
- polypropylene should not be used with compressed gas
- fittings are black



Male Inserts

- Parts showing package quantities are sold in package quantities only.

hose shank x male NPT

Hose Size	Male NPT	Nylon			Polypropylene		
		Part #	Price/E	Pkg Qty	Part #	Price/E	Pkg Qty
1/4"	1/8"	TN21	\$0.68	50	PPN21	\$0.84	50
	1/4"	TN22	0.70	50	PPN22	0.82	50
	3/8"	TN23	0.76	50	PPN23	0.85	50
	1/2"	TN24	0.87	50	PPN24	0.88	50
	3/4"	TN26	0.91	50	---	---	---
5/16"	1"	TN28	1.40	50	---	---	---
	1/4"	TN252	0.70	50	---	---	---
3/8"	1/8"	TN31	0.80	50	PPN31	0.84	50
	1/4"	TN32	0.88	50	PPN32	0.81	50
	3/8"	TN33	0.92	50	PPN33	0.82	50
	1/2"	TN34	1.00	50	PPN34	0.95	50
	3/4"	TN36	1.10	50	PPN36	0.90	50
1/2"	1/8"	TN41	0.92	50	---	---	---
	1/4"	TN42	0.77	50	PPN42	0.84	50
	3/8"	TN43	0.79	50	PPN43	0.90	50
	1/2"	TN44	0.91	50	PPN44	0.73	50
	3/4"	TN46	1.05	50	PPN46	1.10	50
5/8"	3/8"	TN53	0.87	50	---	---	---
	1/2"	TN54	0.94	50	PPN54	0.94	50
	3/4"	TN56	1.10	50	PPN56	1.15	50
3/4"	3/8"	TN63	0.83	50	---	---	---
	1/2"	TN64	1.07	50	PPN64	1.00	50
	3/4"	TN66	1.17	50	PPN66	0.93	50
	1"	TN68	1.37	25	PPN68	1.40	25
1"	3/4"	TN86	1.30	25	PPN86	1.30	25
	1"	TN88	1.56	25	PPN88	1.49	25
1-1/4"	1"	TN158	2.35	15	---	---	---
	1 1/4"	TN150	3.80	10	PPN150	3.11	10
	1 1/2"	TN1520	4.10	10	---	---	---
1-1/2"	1 1/4"	TN2015	3.95	10	---	---	---
	1 1/2"	TN200	4.10	10	PPN200	3.20	10
2"	2"	TN250	6.05	5	PPN250	4.55	5



nylon



polypropylene



Female Inserts

hose shank x female NPT

Hose Size	Female NPT	Nylon	
		Part #	Price/E
1/4"	1/4"	TFS22	\$3.30
1/4"	1/2"	TFS42	3.45
1/2"	1/2"	TFS44	3.20
3/4"	3/4"	TFS66	3.80



Tuff-Lite™ Female Barbed Fittings

hose shank x female NPSM
ball seat type



Hose Size	Female NPSM	Nylon	
		Part #	Price/E
1/4"	1/4"	TF22	\$0.92
3/8"	3/8"	TF33	1.07

Short Shank Couplings

Features:

- parts showing package quantities are sold in package quantities only
- female shipped with a red vinyl washer (**TVW7**), replacement washers on page 376

nylon short shank couplings



Hose Shank	Thread Size	female		male		Pkg Qty
		Part #	Price/E	Part #	Price/E	
1/4"	3/4" NPSM	TCF62	\$1.55	TN26	\$0.91	50
3/8"	3/4" NPSM	TCF63	1.55	TN36	1.10	50
1/2"	3/4" NPSM	TCF64	1.60	TN46	1.05	50
5/8"	3/4" NPSM	TCF65	1.65	TN56	1.10	50
3/4"	3/4" NPSM	TCF66	1.65	TN66	1.17	50
1/4"	3/4" GHT	TCF72	1.85	TCM72	0.95	--
3/8"	3/4" GHT	TCF73	1.85	TCM73	1.00	--
1/2"	3/4" GHT	TCF74	1.90	TCM74	1.05	--
5/8"	3/4" GHT	TCF75	1.95	TCM75	1.05	--
3/4"	3/4" GHT	TCF76	1.95	TCM76	1.05	--

Feature:

- female shipped with a red vinyl washer (**TVW7**), replacement washers on page 376
- 3/4" GHT threaded

polypropylene short shank couplings



Hose Shank	Thread Size	female		male	
		Part #	Price/E	Part #	Price/E
1/4"	3/4" GHT	PPCF72	\$1.90	---	---
3/8"	3/4" GHT	PPCF73	1.90	PPCM73	\$1.10
1/2"	3/4" GHT	PPCF74	1.90	PPCM74	1.15
5/8"	3/4" GHT	PPCF75	1.90	PPCM75	1.15
3/4"	3/4" GHT	PPCF76	2.00	PPCM76	1.20

Reducing Bushings

male NPT x female NPT



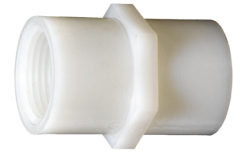
Male NPT	Female NPT	Nylon	
		Part #	Price/E
3/8"	1/4"	THB32	\$1.90
1/2"	1/4"	THB42	2.00
1/2"	3/8"	THB43	2.00
3/4"	1/2"	THB64	2.35
1"	3/4"	THB86	3.20

Tuff-Lite™ Adapters

- Parts showing package quantities are sold in package quantities only.

female NPT x female NPT

Female NPT	Female NPT	Nylon		Pkg Qty
		Part #	Price/E	
1/2"	1/2"	TA994	\$4.35	25
3/4"	3/4"	TA996	4.70	25



Male GHT x Female NPT Adapters

- Parts showing package quantities are sold in package quantities only.

male GHT x female NPT

Female NPT	Nylon			Polypropylene		
	Part #	Price/E	Pkg Qty	Part #	Price/E	Pkg Qty
1/4"	TA792	\$1.45	50	PPA792	\$2.95	50
3/8"	TA793	1.50	50	---	---	---
1/2"	TA794	1.51	50	PPA794	2.85	50
3/4"	TA796	1.60	50	PPA796	2.98	25



nylon



polypropylene

Female GHT x NPT Adapters

- Parts showing package quantities are sold in package quantities only.

female GHT x male NPT

female GHT x female NPT

Male NPT	Nylon			Female NPT	Nylon		
	Part #	Price/E	Pkg Qty		Part #	Price/E	Pkg Qty
1/4"	TA972	\$1.46	50	---	---	---	---
3/8"	TA973	1.50	50	---	---	---	---
1/2"	TA974	1.53	50	1/2"	TA974F	\$4.30	50
3/4"	TA976	1.55	50	3/4"	TA976F	6.90	50



nylon

Male GHT x Male NPT Adapters

- Parts showing package quantities are sold in package quantities only.

male GHT x male NPT

Male NPT	Nylon			Polypropylene		
	Part #	Price/E	Pkg Qty	Part #	Price/E	Pkg Qty
1/4"	TA772	\$0.95	50	---	---	---
3/8"	TA773	1.05	50	PPA773	\$1.15	50
1/2"	TA774	1.15	50	PPA774	1.15	50
3/4"	TA776	1.15	50	PPA776	1.15	50
1"	TA778	1.60	25	---	---	---



nylon



polypropylene

Male NPT x Female Swivel Adapters

Features:

- female shipped with a red vinyl washer (**TVW7**), replacement washers on page 376

male NPT x female threaded swivel nut

Male NPT	Female Thread	Nylon	
		Part #	Price/E
1/4"	3/4" GHT	TSA72	\$1.90
3/8"	3/4" GHT	TSA73	1.95
1/4"	3/4" NPS	TSA62	1.90
3/8"	3/4" NPS	TSA63	2.00



Nuts

female threaded swivel nuts

Female Thread	Nylon	
	Part #	Price/E
3/4" NPS	TCF6	\$0.66
3/4" GHT	TCF7	0.62



Tuff-Lite™

Female NPT x 90° Hose Barb Elbows

female NPT x 90° hose barb



Hose Size	Female NPT	Nylon	
		Part #	Price/E
1/2"	1/2"	TLFS44	\$2.95
1/2"	3/4"	TLFS64	3.55
3/4"	3/4"	TLFS66	3.60

Male x 90° Hose Barb Elbows

- Parts showing package quantities are sold in package quantities only.

male NPT x 90° hose barb

male GHT x 90° hose barb

Hose Size	Male NPT	Nylon			Male GHT	Nylon		Pkg Qty
		Part #	Price/E	Pkg Qty		Part #	Price/E	
1/4"	1/8"	TLS21	\$0.82	50	---	---	---	---
	1/4"	TLS22	0.91	50	---	---	---	---
	3/8"	TLS23	1.17	50	---	---	---	---
3/8"	1/8"	TLS31	0.87	50	---	---	---	---
	1/4"	TLS32	0.91	50	---	---	---	---
	3/8"	TLS33	1.17	50	---	---	---	---
	1/2"	TLS34	1.36	50	---	---	---	---
	3/4"	TLS36	1.46	50	3/4"	TLS37	\$2.85	50
1/2"	1/4"	TLS42	1.17	50	---	---	---	---
	3/8"	TLS43	1.17	50	---	---	---	---
	1/2"	TLS44	1.36	50	---	---	---	---
1"	3/4"	TLS46	1.46	25	3/4"	TLS47	2.45	25
	1"	TLS48	1.90	25	---	---	---	---
	3/8"	TLS53	1.36	25	---	---	---	---
5/8"	1/2"	TLS54	1.46	25	---	---	---	---
	3/4"	TLS56	1.55	25	3/4"	TLS57	2.95	25
	1"	TLS58	1.65	25	---	---	---	---
3/4"	3/8"	TLS63	1.65	25	---	---	---	---
	1/2"	TLS64	1.55	25	---	---	---	---
	3/4"	TLS66	1.65	25	3/4"	TLS67	3.55	50
	1"	TLS68	1.72	15	---	---	---	---
1"	3/4"	TLS86	1.65	15	---	---	---	---
	1"	TLS88	2.61	15	---	---	---	---

Street Elbows

female NPT x 90° male NPT



Female NPT	Male NPT	Nylon	
		Part #	Price/E
1/4"	1/4"	TSE22	\$4.05
1/2"	1/2"	TSE44	3.90
3/4"	3/4"	TSE66	5.30

GHT x Male NPT Elbows

- Parts showing package quantities are sold in package quantities only.

male NPT x male GHT



Male NPT	Nylon		Pkg Qty
	Part #	Price/E	
3/8"	TLT73	\$1.66	25
1/2"	TLT74	1.65	25
3/4"	TLT76	1.70	25

Tuff-Lite™ Hose x Hose Elbows

- Parts showing package quantities are sold in package quantities only.

hose barb x 90° hose barb

Hose Size	Nylon			Pkg Qty	Polypropylene		Pkg Qty
	Part #	Price/E			Part #	Price/E	
1/4"	TLSS22	\$1.17		50	PPLSS22	\$1.25	50
3/8"	TLSS33	1.21		50	PPLSS33	1.25	50
1/2"	TLSS44	1.35		50	PPLSS44	1.25	50
3/4"	TLSS66	1.42		50	PPLSS66	1.55	50



Hose x Male NPT Tees

- Parts showing package quantities are sold in package quantities only.

hose run x male NPT branch

Hose Size	Male NPT	Nylon		Pkg Qty
		Part #	Price/E	
1/4"	1/4"	TSST222	\$1.23	50
3/8"	3/8"	TSST333	1.35	50
1/2"	1/2"	TSST444	1.52	50
3/4"	3/4"	TSST666	1.70	25



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Hose x Hose Tees

- Parts showing package quantities are sold in package quantities only.

hose run x hose branch

Hose Size	Nylon		Pkg Qty
	Part #	Price/E	
1/4"	TSSS222	\$1.17	50
3/8"	TSSS333	1.21	50
1/2"	TSSS444	1.35	50
3/4"	TSSS666	1.42	25



Menders

- Parts showing package quantities are sold in package quantities only.

hose shank x hose shank

Hose Size	Nylon			Pkg Qty	Polypropylene		Pkg Qty
	Part #	Price/E			Part #	Price/E	
1/4"	TM2	\$0.82		50	PPM2	\$0.77	50
5/16"	TM25	0.83		50	---	---	---
3/8"	TM3	0.85		50	PPM3	0.79	50
1/2"	TM4	1.10		50	PPM4	0.92	50
5/8"	TM5	1.50		50	PPM5	1.00	50
3/4"	TM6	1.50		50	PPM6	1.20	50
1"	TM8	1.82		25	PPM8	1.47	50



Tuff-Lite™

Washers for Garden Hose Fittings



Description	Part #	Price/E	Pkg Qty
red vinyl	TVW7	\$0.10	100
white styrene butadiene rubber	TRW7	0.25	100
black 80 duro SBR	5911212W	0.27	100

Close Nipples

- Parts showing package quantities are sold in package quantities only.

male NPT x male NPT



NPT Size	Nylon		Pkg Qty
	Part #	Price/E	
1/4"	TCN202	\$0.72	50
3/8"	TCN303	0.81	50
1/2"	TCN404	0.93	50
3/4"	TCN606	1.10	50

Threaded Caps

- Parts showing package quantities are sold in package quantities only.

female NPT



Female Thread	Nylon		Pkg Qty
	Part #	Price/E	
1/4" NPT	TTC2	\$0.48	50
3/8" NPT	TTC3	0.57	50
1/2" NPT	TTC4	0.71	50
3/4" NPT	TTC6	0.80	50
3/4" GHT	TTC7	0.80	50

Square Head Drain Plugs

- Parts showing package quantities are sold in package quantities only.

male NPT



Male NPT	Nylon		Pkg Qty
	Part #	Price/E	
1/8"	TPS1	\$0.55	50
1/4"	TPS2	0.57	50
3/8"	TPS3	0.68	50
1/2"	TPS4	0.76	50
3/4"	TPS6	0.90	50
1"	TPS8	1.12	50
1 1/4"	TPS10	1.67	25

Hex Head Drain Plugs

- Parts showing package quantities are sold in package quantities only.

male NPT



Male NPT	Nylon		Pkg Qty
	Part #	Price/E	
1/8"	TPX1	\$0.64	50
1/4"	TPX2	0.68	50
3/8"	TPX3	0.71	50
1/2"	TPX4	0.82	50
3/4"	TPX6	0.96	50
1"	TPX8	1.17	50
1 1/4"	TPX10	1.55	50

Tuff-Lite™

Push-On Male Inserts

Features:

- Parts showing package quantities are sold in package quantities only.
- No clamps are needed when these fittings are used with push-on hose.

push-on hose shank x male NPT

Hose Size	Male NPT	Nylon		Pkg Qty
		Part #	Price/E	
1/4"	1/8"	TPN21	\$0.70	50
	1/4"	TPN22	0.72	50
	3/8"	TPN23	0.78	50
3/8"	1/4"	TPN32	0.74	50
	3/8"	TPN33	0.79	50
	1/2"	TPN34	0.93	50
1/2"	3/8"	TPN43	1.15	50
	1/2"	TPN44	1.15	50
	3/4"	TPN46	1.20	50



Push-On Female Inserts

Features:

- Parts showing package quantities are sold in package quantities only.
- No clamps are needed when these fittings are used with push-on hose.

push-on hose shank x female NPT

Hose Size	Female NPT	Nylon		Pkg Qty
		Part #	Price/E	
1/4"	1/4"	TPF22	\$1.02	50
3/8"	1/4"	TPF32	1.26	50
	3/8"	TPF33	1.26	50
1/2"	3/8"	TPF43	1.15	50
	1/2"	TPF44	1.32	50



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Push-On Menders

Features:

- Parts showing package quantities are sold in package quantities only.
- No clamps are needed when these fittings are used with push-on hose.

push-on hose shank x push-on hose shank

Hose Size	Nylon		Pkg Qty
	Part #	Price/E	
1/4"	TPM2	\$0.65	50
3/8"	TPM3	0.71	50
1/2"	TPM4	0.87	50



Pinch-On Single Ear Clamps

Features:

- band width: .275"
- band thickness: .030"
- sold in package quantities only



Nominal Size	Range		Zinc Plated Steel		304 Stainless Steel		Pkg Qty
	closed	open	Part #	Price/E	Part #	Price/E	
3/8"	.350	.413	105	\$0.50	105R	\$0.60	100
7/16"	.382	.445	113	0.55	113R	0.60	100
15/32"	.409	.484	123	0.55	123R	0.60	100
1/2"	.449	.524	133	0.55	133R	0.60	100
35/64"	.469	.551	140	0.55	140R	0.60	100
9/16"	.496	.571	145	0.55	145R	0.65	100
5/8"	.543	.618	157	0.55	157R	0.65	100
11/16"	.595	.669	170	0.55	170R	0.65	100
23/32"	.618	.728	185	0.55	185R	0.70	100
3/4"	.669	.780	198	0.55	198R	0.70	100
13/16"	.717	.827	210	0.55	210R	0.70	100
7/8"	.780	.890	226	0.55	226R	0.72	100
15/16"	.839	.949	241	0.60	241R	0.75	100
1"	.898	1.008	256	0.60	256R	0.75	100
1-1/16"	.945	1.067	271	0.60	271R	0.80	100
1-1/8"	1.004	1.126	286	0.60	286R	0.80	100
1-3/16"	1.063	1.185	301	0.60	301R	0.80	100
1-5/16"	1.181	1.303	331	0.65	331R	0.85	100
1-3/8"	1.240	1.362	346	0.70	346R	0.90	100
1-15/32"	1.358	1.480	376	0.70	376R	0.90	100
1-9/16"	1.437	1.559	396	0.75	396R	0.95	100
1-5/8"	1.492	1.614	410	0.75	410R	0.95	100
1-11/16"	1.551	1.673	425	0.75	425R	1.00	100
1-23/32"	1.610	1.732	440	0.80	440R	1.00	100
1-3/4"	1.669	1.791	455	0.80	455R	1.00	100
1-13/16"	1.728	1.850	470	0.85	470R	1.05	100
1-7/8"	1.787	1.909	485	0.85	485R	1.05	100
1-15/16"	1.847	1.969	500	0.85	500R	1.10	100
2"	1.906	2.028	515	0.90	515R	1.10	100

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Pinch-On Double Ear Clamps

Features:

- When ordering double ear clamps, select nominal clamp size nearest to, but always larger than, the OD of material to be clamped after insert has been fitted.
- sold in package quantities only



Nominal Size	Range		Band Width	Zinc Plated Steel		304 Stainless Steel		Pkg Qty
	closed	open		Part #	Price/E	Part #	Price/E	
3/16"	.134	.197	.197	0305	\$0.90	0305R	\$1.15	100
1/4"	.197	.276	.236	0507	0.95	0507R	1.20	100
5/16"	.276	.354	.275	0709	0.95	0709R	1.25	100
3/8"	.319	.433	.275	0811	0.95	0811R	1.25	100
1/2"	.425	.512	.275	1113	0.95	1113R	1.35	100
9/16"	.492	.591	.295	1315	1.10	1315R	1.50	100
19/32"	.551	.669	.315	1517	1.10	1517R	1.65	100
5/8"	.591	.709	.315	1518	1.10	1518R	1.75	100
3/4"	.638	.787	.335	1720	1.20	1720R	1.95	100
13/16"	.709	.866	.354	1922	2.15	1922R	2.00	100
7/8"	.748	.906	.354	2023	1.35	2023R	2.15	100
15/16"	.827	.984	.394	2225	2.50	2225R	2.25	100
1"	.886	1.063	.394	2327	1.60	2327R	2.40	100
1-1/8"	1.035	1.221	.394	2731	1.75	2731R	2.70	100
1-7/16"	1.260	1.457	.394	3437	1.95	3437R	3.15	100
1-1/2"	1.378	1.575	.394	3740	3.40	3740R	3.30	100

Stepless® Ear Clamps

Technical Information:

- once installed and clamped, any tampering is easily visible
- *Clamps are not reusable*; they should not be pried open, doing so renders the clamps nonfunctional.
- When ordering Stepless® ear clamps, select the nominal size nearest to, but always larger than, the outside diameter of the material to be clamped. The outside diameter should be determined with connection fully assembled.
- sold in quantities of 100 per bag



Features:

- ensured clamping seal
- for low durometer and/or thin-walled hose/tubing
- for silicon, vinyl, polyurethane or other high-tech materials
- smooth inner band prevents damage to the hose while the tongue-in-groove design provides a 360° seal
- no steps or gaps inside the clamp
- install clamps using 1098 or 1099 clamp tools below
- Stepless® ear clamps hold against pressure and vibration or material shrinkage due to temperature changes or aging.
- A built-in spring action permits the clamp to breathe without loosening.

Nominal Size	Range (inches)		304 Stainless Steel	
	closed	open	Part #	Price/E
9/32"	.228	.275	0983	\$1.05
3/8"	.307	.374	0986	1.05
7/16"	.378	.445	0989	1.05
1/2"	.425	.524	0993	1.10
35/64"	.453	.551	0997	1.10
9/16"	.472	.571	0999	1.10
5/8"	.520	.618	1005	1.10
11/16"	.571	.669	1009	1.15
3/4"	.654	.779	1021	1.30
13/16"	.701	.827	1029	1.30



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Clamp Service Kit

Plastic kit box contains zinc plated 2-ear clamps:

- 15 of part #0709
- 15 of part #0811
- 15 of part #1113
- 15 of part #1315
- 15 of part #1518
- 12 of part #1720
- 12 of part #2023
- 12 of part #2225
- 12 of part #2327
- 1 pair of standard jaw pincers, part # 1098

Part #	Price/E
SK1098	\$208.00



Clamp Construction Kit

Plastic construction clamp kit box contains the following:

- 50 of part #2225 (zinc plated, 2-ear clamps)
- 40 of part #2731 (zinc plated, 2-ear clamps)
- 6 hose menders (1/2", plastic)
- 1 pair of long handle pincers

Part #	Price/E
18500116	\$382.00



Clamp Tools for Pinch-On Clamps



straight jaw

Part #	Price/E
9901	\$110.00



standard jaw

Part #	Price/E
1098	\$64.15



side jaw

Part #	Price/E
1099	\$79.00

Dixon™ Worm Gear Clamps

Features:

- clamp meets SAEJ1508 which supercedes Mil Spec WW-C-440B
- four-piece construction
- screw design: 5/16" slotted hex head
- maximum recommended torque 50 in. lbs.
- **all clamps sold 10 per box**

Style HS material:

- band and housing: SAE 201/301 series stainless
- screw: SAE 1018 case-hardened, hex-free chrome zinc-plated steel

Style HSS material:

- band and housing: SAE 300 series stainless
- screw: SAE 300 series stainless



style HSS

Band Width	Hose OD		style HS		Master Case Qty	style HSS		Master Case Qty
	from	to	Part #	Price /Each		Part #	Price /Each	
1/2"	7/16"	25/32"	HS6	\$1.50	200	HSS6	\$2.00	200
	1/2"	29/32"	HS8	1.50	200	HSS8	2.00	200
	9/16"	1-1/16"	HS10	1.50	500	HSS10	2.00	500
	11/16"	1-1/14"	HS12	1.55	500	HSS12	2.00	500
	13/16"	1-1/2"	HS16	1.55	500	HSS16	2.00	500
	13/16"	1-3/4"	HS20	1.55	500	HSS20	2.05	500
	1-1/16"	2"	HS24	1.55	500	HSS24	2.05	500
	1-5/16"	2-1/4"	HS28	1.60	500	HSS28	2.05	500
	1-9/16"	2-1/2"	HS32	1.60	500	HSS32	2.05	500
	1-13/16"	2-3/4"	HS36	1.65	500	HSS36	2.15	500
	2-1/16"	3"	HS40	2.00	200	HSS40	2.45	200
	2-5/16"	3-1/4"	HS44	2.20	200	HSS44	2.80	200
	2-9/16"	3-1/2"	HS48	2.20	200	HSS48	2.80	200
	2-13/16"	3-3/4"	HS52	2.40	200	HSS52	2.95	200
	3-1/16"	4"	HS56	2.40	200	HSS56	2.95	200
	3-5/16"	4-1/4"	HS60	2.50	200	HSS60	3.00	200
9/16"	3-9/16"	4-1/2"	HS64	2.50	200	HSS64	3.00	200
	1-7/8"	5"	HS72	2.70	100	HSS72	3.30	100
	2-1/2"	5-1/2"	HS80	3.10	100	HSS80	3.40	100
	3-1/8"	6"	HS88	3.20	100	HSS88	3.75	100
	3-5/8"	6-1/2"	HS96	3.25	100	HSS96	3.85	100
	4-1/8"	7"	HS104	3.30	100	HSS104	3.35	100
	5-5/8"	8-1/2"	HS128	4.90	100	HSS128	5.25	100
	7-1/8"	10"	HS152	5.25	100	HSS152	5.80	100
	9-3/8"	12-1/4"	HS188	5.75	100	HSS188	6.35	100
	10-1/8"	13"	HS200	5.80	100	HSS200	6.80	100
	10-7/8"	13-3/4"	HS212	5.90	100	HSS212	7.15	100
	11-5/8"	14-1/2"	HS224	6.55	100	HSS224	7.60	100
	12-3/8"	15-1/4"	HS236	7.10	100	HSS236	8.40	100
	13-1/8"	16"	HS248	7.45	100	HSS248	9.40	100
17-1/8"	20"	HS312	9.10	100	HSS312	10.75	100	

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Miniature Worm Gear Clamps

Features:

- meets SAE J1508
- screw design: 1/4" slotted hex head
- maximum recommended torque 15 in. lbs.
- **all clamps sold 10 per box**

Style MH material:

- band and housing: SAE 201/301 series stainless
- screw: SAE 1018 case-hardened, hex-free chrome zinc-plated steel

Style MAH material:

- band and housing: SAE 300 series stainless
- screw: SAE 300 series stainless



style MH

Band Width	Hose OD		style MH		Master Case Qty	style MAH		Master Case Qty
	from	to	Part #	Price /Each		Part #	Price /Each	
5/16"	7/32"	5/8"	MH4	\$1.15	500	MAH4	\$1.45	500
	7/16"	25/32"	MH6	1.15	500	MAH6	1.45	500
	1/2"	29/32"	MH8	1.35	200	MAH8	1.65	200
	9/16"	1-1/16"	MH10	1.35	200	MAH10	1.65	200
	11/16"	1-1/4"	MH12	1.40	200	MAH12	1.75	200
	15/16"	1-1/2"	MH16	1.40	200	MAH16	1.75	200
	1-3/16"	1-3/4"	MH20	1.45	200	MAH20	1.75	200



Torque ratings correspond to the torque rating of the screw of the clamp and are *not* an indication of the working pressure of any hose assembly installed with this clamp.

Marine Grade Worm Gear Clamps

Features:

- three-piece construction
- clamp meets SAEJ1508 which supercedes Mil Spec WW-C-440B
- 316 marine grade SS: band, screw, housing
- screw design: 5/16" slotted hex head
- suggested installation torque 30-42 inch pounds, maximum recommended torque 60 in. lbs.
- **all clamps sold 10 per box**



- Torque ratings correspond to the torque rating of the screw of the clamp and *are not an indication of the working pressure of any hose assembly installed with this clamp.*

Band Width	Hose OD		316 Stainless Steel		Price/Each
	from	to	Part #		
1/2"	3/8"	7/8"	MGC6		\$2.95
	7/16"	1"	MGC8		2.95
	9/16"	1-1/16"	MGC10		2.95
	9/16"	1-5/16"	MGC12		3.05
	11/16"	1-1/2"	MGC16		3.05
	3/4"	1-3/4"	MGC20		3.05
	1-1/16"	2"	MGC24		3.05
	1-5/16"	2-1/4"	MGC28		3.10
	1-9/16"	2-1/2"	MGC32		3.10
	1-13/16"	2-3/4"	MGC36		3.20
	2-11/16"	3"	MGC40		3.40
	2-5/16"	3-1/4"	MGC44		3.95
	2-9/16"	3-1/2"	MGC48		3.95
	2-13/16"	3-3/4"	MGC52		4.20
	3-1/16"	4"	MGC56		4.20
	2-1/2"	4-1/2"	MGC64		4.65
	3-1/16"	5"	MGC72		4.80
	3-1/2"	5-1/2"	MGC80		5.30
	4-3/32"	6"	MGC88		5.45
	4-1/2"	6-1/2"	MGC96		5.65
5"	7"	MGC104		5.70	



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Aero-Seal® Clamps

Features:

- four-piece construction
- band slots designed for strength and smooth action
- saddle interlocks into embossed band to form a true concentric circle
- slotted hex head screw design
- heat treated screws have buttress thread type
- safety collar or thumb screw available on the style 200 series only
- suggested installation torque 30-42 inch pounds, maximum recommended torque 60 in. lbs.
- **all clamps sold 10 per box**



- Torque ratings correspond to the torque rating of the screw of the clamp and *are not an indication of the working pressure of any hose assembly installed with this clamp.*

Style 100:

- band and housing: 300 SS
- screw: plated carbon steel

Style 200:

- band and housing: 300 SS
- screw: 410 stainless steel

Style 300:

- band and housing: 302 SS
- screw: 305 stainless steel

Band Width	Hose OD		Style 100		Style 200		Style 300		Pkg Qty
	from	to	Part #	Price/E	Part #	Price/E	Part #	Price/E	
9/16"	7/16"	25/32"	10006	\$1.95	20006	\$2.40	30006	\$2.75	10
	1/2"	29/32"	10008	1.95	20008	2.40	30008	2.75	10
	9/16"	1-1/16"	10010	1.95	20010	2.40	30010	2.75	10
	11/16"	1-1/4"	10012	2.05	20012	2.50	30012	2.85	10
	13/16"	1-1/2"	10016	2.05	20016	2.50	30016	2.85	10
	13/16"	1-3/4"	10020	2.05	20020	2.50	30020	2.90	10
	1-1/16"	2"	10024	2.05	20024	2.50	30024	2.90	10
	1-5/16"	2-1/4"	10028	2.10	20028	2.60	30028	2.95	10
	1-9/16"	2-1/2"	10032	2.10	20032	2.60	30032	2.95	10
	1-13/16"	2-3/4"	10036	2.15	20036	2.65	30036	3.00	10
	1-1/16"	3"	10040	2.65	20040	3.25	30040	3.70	10
	2-5/16"	3-1/4"	10044	2.85	20044	3.55	30044	4.00	10
	2-9/16"	3-1/2"	10048	2.85	20048	3.55	30048	4.00	10
	2-13/16"	3-3/4"	10052	3.05	20052	3.80	30052	4.25	10
	3-1/16"	4"	10056	3.05	20056	3.80	30056	4.25	10
	3-5/16"	4-1/4"	10060	3.30	20060	4.10	30060	4.60	10



style 300

Aero-Seal® Liner Clamps

Features:

- The integral extension of the band as a liner (no rivets or welds) protects soft surface hose (silicone and others) from damage caused by extrusion or shearing through the band slots.
- screw design: 5/16 hex slotted hex head
- **all clamps sold 10 per box**
- band, saddle, housing: stainless steel

Style DL:

- screw: plated carbon steel

Style DLS:

- screw: 410 stainless steel



style DLS

Band Width	Hose OD		style DL		Pkg Qty	style DLS		Pkg Qty
	from	to	Part #	Price/E		Part #	Price/E	
1/2"	7/16"	25/32"	DL9206	\$3.15	10	DLS9406	\$3.80	10
	1/2"	29/32"	DL9208	3.15	10	DLS9408	3.80	10
	9/16"	1-1/16"	DL9210	3.15	10	DLS9410	3.80	10
	11/16"	1-1/4"	DL9212	3.20	10	DLS9412	3.90	10
	13/16"	1-1/2"	DL9216	3.20	10	DLS9416	3.90	10
	13/16"	1-3/4"	DL9220	3.25	10	DLS9420	3.95	10
	1-1/16"	2"	DL9224	3.25	10	DLS9424	3.95	10
	1-5/16"	2-1/4"	DL9228	3.35	10	DLS9428	4.00	10
	1-9/16"	2-1/2"	DL9232	3.35	10	DLS9432	4.00	10
	1-13/16"	2-3/4"	DL9236	3.40	10	DLS9436	4.10	10
	2-1/16"	3"	DL9240	4.20	10	DLS9440	5.00	10
	2-5/16"	3-1/4"	DL9244	4.50	10	DLS9444	5.05	10
	2-9/16"	3-1/2"	DL9248	4.50	10	DLS9448	5.20	10

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WaveSeal Clamps

Application:

- provides optimal retention in applications involving thermal cycling and / or high vibration

Features:

- produces a sealing O-ring effect that prevents leakage
- 5/16" head screw
- suggested installation torque 50-70 inch pounds, maximum recommended torque 100 in. lbs.
- **all clamps sold 10 per box**
- construction:
 - band: 201/301 stainless steel
 - liner and housing: 304 stainless steel
 - screw: 410 stainless steel



- Torque ratings correspond to the torque rating of the screw of the clamp and *are not an indication of the working pressure of any hose assembly installed with this clamp.*



Band Width	Hose OD		Stainless Steel Part #	Price/E
	from	to		
9/16"	1-3/32"	1-5/16"	WSS16	\$6.00
	1-1/8"	1-1/2"	WSS19	6.05
	1-1/8"	1-9/16"	WSS20	6.05
	1-7/16"	1-11/16"	WSS22	6.40
	1-1/2"	1-13/16"	WSS24	6.50
	1-3/4"	2-1/16"	WSS28	6.80
	1-15/16"	2-5/16"	WSS32	6.80
	2"	2-7/16"	WSS34	7.45
	2-1/8"	2-9/16"	WSS36	7.60
	2-5/16"	2-13/16"	WSS40	7.95
	2-1/2"	3-1/16"	WSS44	7.95
	2-11/16"	3-5/16"	WSS48	8.25
	2-7/8"	3-9/16"	WSS52	8.65
	3-1/16"	3-13/16"	WSS56	9.10
	3-1/4"	4-1/16"	WSS60	9.50
	3-7/16"	4-5/16"	WSS64	9.85
3-3/4"	4-13/16"	WSS72	10.60	
4-3/16"	5-5/16"	WSS80	12.00	
4-1/2"	5-13/16"	WSS88	12.80	

HTM Hi Torque Clamps

Features:

- withstands more than three times the SAE torque requirements for worm-driven clamps
- eight screw threads are engaged in the band simultaneously for incredible torquing drive (over 90 in. lbs.), sealing pressure and vibration resistance
- slotted hex head screw design

Material:

- band and housing: 300 series half hard stainless
- screw: 410 stainless steel screw

Band Width	Hose OD		Stainless Steel		Opt Qty
	from	to	Part #	Price/E	
5/8"	1 1/4"	2 1/8"	HTM200	\$5.05	10
	1 3/4"	2 5/8"	HTM250	5.10	10
	2 1/4"	3 1/8"	HTM300	5.30	10
	2 3/4"	3 5/8"	HTM350	5.40	10
	3 1/2"	4 1/8"	HTM400	5.55	10
	3 3/4"	4 5/8"	HTM450	5.70	10
	4 1/4"	5 1/8"	HTM500	5.90	10
	4 3/4"	5 5/8"	HTM550	6.30	10
	5 1/4"	6 1/8"	HTM600	6.45	10
	5 3/4"	6 5/8"	HTM650	6.55	10
	6 1/4"	7 1/8"	HTM700	6.75	10
	6 3/4"	7 5/8"	HTM750	7.30	10
	7 1/4"	8 1/8"	HTM800	7.45	10
	7 3/4"	8 5/8"	HTM850	7.60	10
	8 1/4"	9 1/8"	HTM900	7.80	10



style HTM

extended range sizes

Band Width	Hose OD		Stainless Steel		Price/E
	from	to	Part #		
5/8"	1 1/4"	2 5/8"	HP2		\$5.10
	2 1/8"	4 1/8"	HP3		5.55
	4"	6 1/8"	HP4		6.45
	6 1/8"	9 1/8"	HP5		7.80



style HP

K

Constant Torque Clamps

Features:

- A patented Belleville spring mechanism permits the clamp to automatically increase or decrease its own diameter due to changes in operational or environmental temperatures.
- 3/8" hex, carbon steel screw
- 5/8" wide 304 stainless steel band

Band Width	Hose OD		Part #	Price/E	Hose OD		Part #	Price/E
	from	to			from	to		
5/8"	1"	1 3/4"	CT175L	\$19.30	5 1/4"	6 1/8"	CT600L	\$21.75
	1 1/4"	2 1/8"	CT200L	19.30	5 3/4"	6 5/8"	CT650L	21.75
	1 3/4"	2 5/8"	CT250L	19.50	6 1/4"	7 1/8"	CT700L	22.25
	2 1/4"	3 1/8"	CT300L	19.80	6 3/4"	7 5/8"	CT750L	23.25
	2 3/4"	3 5/8"	CT350L	20.00	7 1/4"	8 1/8"	CT800L	23.50
	3 1/4"	4 1/8"	CT400L	20.25	7 3/4"	8 5/8"	CT850L	23.75
	3 3/4"	4 5/8"	CT450L	20.50	8 1/4"	9 1/8"	CT900L	24.00
	4 1/4"	5 1/8"	CT500L	20.75	8 3/4"	9 5/8"	CT950L	24.50
	4 3/4"	5 5/8"	CT550L	21.50	--	--	--	--



Quick Release Clamps

Features:

- suggested installation torque 25-35 inch pounds, maximum recommended torque 50 in. lbs.
- band and housing: 201 series stainless
- screw design: 5/16" slotted hex head
- **Parts showing package quantities are sold in package quantities only.**



- Torque ratings correspond to the torque rating of the screw of the clamp and are not an indication of the working pressure of any hose assembly installed with this clamp.

Style LS:

- screw: plated hardened carbon steel

Style LSS:

- screw: SAE 410 series stainless



style LS



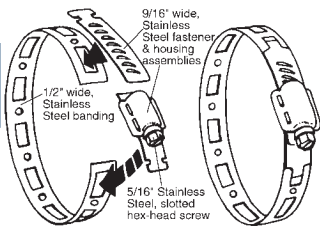
style LSS

Band Width	Hose OD		style LS		Pkg Qty	style LSS		Pkg Qty
	from	to	Part #	Price/E		Part #	Price/E	
1/2"	1-1/2"	3-1/2"	LS48	\$2.90	10	LSS48	\$4.60	10
	1"	4"	LS56	3.10	10	---	---	---
	2"	5"	LS72	3.60	10	LSS72	5.00	10
	2-1/16"	6"	LS88	4.20	10	LSS88	5.70	10
	3-1/2"	6-9/16"	LS96	4.10	---	---	---	---
	2-7/8"	7"	LS104	5.10	10	LSS104	6.25	10
	1-3/4"	8-9/16"	LS128	4.85	---	LSS128	6.10	---
	2"	10"	LS152	7.45	---	---	---	---
	2-1/16"	12-5/16"	LS188	6.00	---	LSS188	7.20	---
	10-3/16"	14"	---	---	---	LSS216	7.85	---
	1-3/4"	16"	---	---	---	LSS248	8.90	---
	1-7/8"	20"	---	---	---	LSS312	10.90	---

Make-A-Clamp Kits

Features:

- A maintenance clamp system in a box; by simply cutting off a piece of banding from a continuous roll, you can make any size stainless steel worm-driven clamp from 3" diameter and up. Perfect applications requiring for varying sized large clamps.
- reusable
- band width: 1/2"
- band thickness: .023"
- screw design: 5/16" slotted hex head
- band and housing material: 302 stainless
- screw material: 410 stainless



Contents	Stainless Steel	
	Part #	Price/E
mini kit: 8 1/2' band, 3 adjustable fasteners, 1 band splice	4000	\$27.50
kit with 100' band, 25 adjustable fasteners, 10 band splices	4001	216.70
kit with 50' band, 10 adjustable fasteners, 5 band splices	4002	108.25
box with 10 adjustable fasteners: priced per box	4004	45.40
box with 100' band, 10 band splices	4005	109.20
box with 50' band, 5 band splices	4006	59.30
6" demonstrator kit with clamps	4007	17.00
box with 10 band splices: priced per box	4008	25.75

Dixon™ Racks for Worm Gear Clamps



CRWC



CR

Features:

- top load metal rack made of nickel plated steel rods with enameled steel sign
- sign identifies each clamp size and diameter range
- rack with clamps contains 9 clamp sizes with diameter ranges from 7/32" - 2-3/4"
- Clamps included are:
 - 30 of part# MH4
 - 30 of part# MH6
 - 20 of part# HS10
 - 20 of part# HS12
 - 20 of part# HS20
 - 20 of part# HS24
 - 20 of part# HS28
 - 20 of part# HS32
 - 20 of part# HS36

Description	Part #	Price/E
with 200 clamps	CRWC	\$371.50
without clamps	CR	96.00

Band Clamps - F series

Center Punch Clamps

Features:

- install with center punch tools F1, F38, F40 and F100 located on page 388, other manufacturer's punch style tools may also be used
- on stainless clamps, bands are 300 series stainless steel, buckles are 302 series stainless steel
- **sold in package quantities only**

style F (pre-formed)

Band Width	ID	Band THK	Stainless Steel		Pkg Qty	Band THK	Galvanized Steel		Pkg Qty
			Part #	Price/E			Part #	Price/E	
3/8"	13/16"	.020	FS3	\$1.55	100	.025	F3	\$0.95	100
	1-3/8"	.020	FS311	1.75	100	.025	F311	1.00	100
5/8"	1"	.022	FS4	2.05	100	.025	F4	1.05	100
	1-1/4"	.022	FS5	2.20	100	.025	F5	1.10	100
	1-1/2"	.022	FS6	2.35	100	.031	F6	1.20	100
	1-3/4"	.022	FS7	2.55	100	.031	F7	1.30	100
	2"	.022	FS8	2.70	100	.031	F8	1.35	100
	2-1/4"	.022	FS9	2.85	100	.031	F9	1.40	100
	2-1/2"	.022	FS10	3.10	50	.031	F10	1.65	50
	2-3/4"	.022	FS11	3.25	50	.031	F11	1.70	50
	3"	.022	FS12	3.45	50	.031	F12	1.80	50
	3-1/2"	.022	FS14	3.80	50	.031	F14	1.95	50
1"	4"	.022	FS16	4.25	25	.031	F16	2.20	25
	4-1/2"	.022	FS18	4.60	25	.031	F18	2.40	25
	5"	.022	FS20	4.95	25	.031	F20	2.45	25
	6"	.022	FS24	5.65	25	.031	F24	2.90	25
	7"	.022	FS28	6.40	25	.031	F28	3.40	25
	8"	.022	FS32	7.10	25	.031	F32	3.70	25



style F

K**style FO (open end)**

Band Width	ID	Band THK	Stainless Steel		Pkg Qty	Band THK	Galvanized Steel		Pkg Qty
			Part #	Price/E			Part #	Price/E	
3/8"	13/16"	.020	FOS3	\$3.70	100	.025	FO3	\$3.30	100
	1-3/8"	.020	FOS311	3.90	100	.025	FO311	3.40	100
	2"	.020	FOS316	4.10	100	.025	FO316	3.45	100
	3-1/8"	.020	FOS325	4.40	100	.025	FO325	3.60	100
5/8"	2"	.022	FOS8	3.85	100	.025	FO8	2.20	100
	2-1/2"	.022	FOS10	4.25	50	.025	FO10	2.30	50
	3"	.022	FOS12	4.65	50	.031	FO12	2.45	50
	3-1/2"	.022	FOS14	5.05	50	.031	FO14	2.60	50
	4"	.022	FOS16	5.40	50	.031	FO16	2.70	50
	4-1/2"	.022	FOS18	5.75	50	.031	FO18	2.90	50
	5"	.022	FOS20	6.20	25	.031	FO20	3.10	25
	6"	.022	FOS24	6.95	25	.031	FO24	3.30	25
	7"	.022	FOS28	8.10	25	.031	FO28	3.50	25
	8"	.022	FOS32	9.10	25	.031	FO32	3.80	25
	9"	.022	---	---	25	.031	FO36	4.35	25
	10"	.022	---	---	25	.031	FO40	4.60	25
	12"	.022	---	---	25	.031	FO48	5.55	25
	14"	.022	---	---	10	.031	FO56	6.75	10



style FO

Band Clamps - K series

Universal Preformed Clamp

style K (pre-formed)

Features:

- on stainless clamps, bands are 300 series stainless steel, buckles are 302 series stainless steel
- can be center punched or rolled over, install with the center punch or roll over tools located on page 388
- Fast-Lok™ tools: F1, F40, F100 (page 388)
- Super Strap Tools: 51960 screw action with 51970 adapter (page 389)
- Bandit®: S100 air tool with S180 Jr. head, C-001 hand tool with J001 Jr. adapter, S350 air tool with S260 Jr. head, T-240 for 3/8" only or T-250 for 3/8" and 5/8", S-38 for 3/8" and 5/8", J-102 Pok-It™ for 3/8" only.
- Punch-Lok® tools: P-1000 for 3/8" and 5/8", P-3000 for 3/8" only, P-38 for 3/8" and 5/8"
- **sold in package quantities only**

Band Width	ID	Band THK	Stainless Steel		Pkg Qty	Band THK	Galvanized Steel		Pkg Qty
			Part #	Price/E			Part #	Price/E	
3/8"	13/16"	.025	KS3	\$1.55	100	.025	K3	\$1.00	100
	1-3/8"	.025	KS311	1.75	100	.025	K311	1.05	100
5/8"	1"	.030	KS4	2.65	100	.031	K4	1.40	100
	1-1/4"	.030	KS5	2.70	100	.031	K5	1.45	100
	1-1/2"	.030	KS6	2.90	100	.031	K6	1.55	100
	1-3/4"	.030	KS7	3.10	100	.031	K7	1.60	100
	2"	.030	KS8	3.30	100	.031	K8	1.65	100
	2-1/4"	.030	KS9	3.55	100	.031	K9	1.70	100
	2-1/2"	.030	KS10	3.80	50	.031	K10	1.80	50
	2-3/4"	.030	KS11	4.15	50	.031	K11	1.95	50
	3"	.030	KS12	4.35	50	.031	K12	2.00	50
	3-1/2"	.030	KS14	4.80	50	.031	K14	2.15	50
	4"	.030	KS16	5.35	25	.031	K16	2.40	25
	4-1/2"	.030	KS18	5.75	25	.031	K18	2.50	25
	5"	.030	KS20	6.20	25	.031	K20	2.70	25
	6"	.030	KS24	7.05	25	.031	K24	3.10	25
7"	.030	KS28	8.05	25	.031	K28	3.60	25	
8"	.030	KS32	8.95	25	.031	K32	3.80	25	

K



3/4" width style K (pre-formed)

Feature:

- 3/4" width K Clamp must be applied with F175 hand tool located on page 388

Band Width	ID	Band THK	Stainless Steel		Pkg Qty
			Part #	Price/E	
3/4"	2"	.030	KS87501	\$4.60	100
	2-1/4"	.030	KS97501	4.65	100
	2-1/2"	.030	KS107501	4.85	50
	2-3/4"	.030	KS117501	5.05	50
	3"	.030	KS127501	5.30	50
	3-1/2"	.030	KS147501	5.80	50
	4"	.030	KS167501	6.40	25
	4-1/2"	.030	KS187501	7.05	25
	5"	.030	KS207501	7.50	25
	6"	.030	KS247501	8.70	25
	7"	.030	KS287501	10.00	25
8"	.030	KS327501	11.00	25	

Dixon™ Smooth ID Clamps

Application:

For use with industrial hose made of stiffer, thinner thermoplastics.

Features:

- provide a uniform, gap-free inside diameter, and strong holding power
- Install with roll over type clamp tools and most common band clamp tools such as the 51960 and 51970 band tools on page 389.
- **sold in package quantities only**

Band Width	ID	Band THK	201 Stainless Steel		Pkg Qty	Galvanized Steel		Pkg Qty
			Part #	Price/E		Part #	Price/E	
3/8"	13/16"	.025	JS201	\$2.45	100	JS301	\$1.20	100
	1"	.025	JS243	2.80	100	JS343	1.15	100
	1-3/8"	.025	JS202	2.70	100	JS302	1.30	100
	2"	.025	JS245	3.10	100	---	---	---
1/2"	1"	.030	JS203	3.40	100	JS303	1.45	100
	1-1/4"	.030	JS204	3.70	100	JS304	1.55	100
	2-3/4"	.030	JS230	5.60	100	JS330 ¹	2.30	100
5/8"	1-1/2"	.030	JS205	4.50	100	JS305	1.70	100
	1-3/4"	.030	JS206	4.95	100	JS306	1.90	100
	2"	.030	JS207	5.45	100	JS307	2.15	100
	2-1/4"	.030	JS208	5.75	100	JS308	2.20	100
	2-1/2"	.030	JS209	6.15	100	JS309	2.35	100
3/4"	2-3/4"	.030	JS210	7.30	50	JS310 ¹	2.85	50
	3"	.030	JS211	7.95	50	JS311	3.00	50
	3-1/2"	.030	JS212	8.45	50	JS312	3.20	50
	4"	.030	JS213	9.65	25	JS313	3.70	25
	4-1/2"	.030	JS214	10.40	25	JS314	3.90	25
	5"	.030	JS215	11.20	25	JS315	4.30	25
	6"	.030	JS216	12.90	25	---	---	---
	7"	.030	JS218	15.50	25	---	---	---



¹ stock quantities only

Dixon™ Smooth ID Center Punch Clamps

Application:

- Recommended for use in applications where conditions are highly corrosive.

Features:

- double wrapped and locked with the conical punch of the F100 tool (page 388)
- unique dimple design offers excellent sealing strength while maintaining radial compression
- heavy buckle provides optimal holding power
- ideal for thin wall hose
- low profile
- **sold in package quantities only**

Band Width	ID	Band THK	201 Stainless Steel		Pkg Qty
			Part #	Price/E	
5/8"	1"	.025	HBC4S	\$2.20	100
	1 1/4"	.025	HBC5S	2.40	100
	1 1/2"	.025	HBC6S	2.50	100
	1 3/4"	.025	HBC7S	2.70	100
	2"	.025	HBC8S	2.90	100
	2 1/4"	.025	HBC9S	3.05	100
	2 1/2"	.025	HBC10S	3.30	50
	2 3/4"	.025	HBC11S	3.45	50
	3"	.025	HBC12S	3.60	50
	3 1/2"	.025	HBC14S	4.00	50
	4"	.025	HBC16S	4.55	25
	4 1/2"	.025	HBC18S	4.80	25
	5"	.025	HBC20S	5.15	25
	6"	.025	HBC24S	5.90	25
	7"	.025	HBC28S	6.65	25
	8"	.025	HBC32S	7.40	25



Band Clamp Hand Tools



Description	Part #	Price/E
Portable locking hand tool used to apply punch type $\frac{3}{8}$ " and $\frac{5}{8}$ " band clamps. For use with F series only.	F38	\$88.55



Description	Part #	Price/E
Intermediate hand tool for $\frac{3}{8}$ " and $\frac{5}{8}$ " band clamps.	F40	\$154.20



Description	Part #	Price/E
Hand tool for application of $\frac{5}{8}$ " band clamps. Imported	F1	\$206.10



Description	Part #	Price/E
Hand tool for application of $\frac{3}{8}$ " and $\frac{5}{8}$ " band clamps.	F100	\$351.00



Description	Part #	Price/E
Hand tool for application of $\frac{3}{4}$ " K clamps only.	F175	\$886.00



Description	Part #	Price/E
$\frac{3}{8}$ " clamp adapter for F100 tool only.	F229	\$21.25

K

Band Clamp Tool Accessories



Description	Part #	Price/E
Mallet for punching band clamps	F225	\$97.80



Description	Part #	Price/E
Clamp cutter	F550	\$138.00

Band and Buckle

Applications:

- install with C2 or 51960 band clamp tools at bottom of page
- sold in box quantities only

strapping

Band Width	Band Thickness	Length	201 Stainless Steel		Galvanized Steel	
			Part #	Price/E	Part #	Price/E
3/8"	.025	100'	SS375	\$100.00	SG375	\$52.90
1/2"	.031	100'	SS500	136.70	SG500	63.00
5/8"	.031	100'	SS625	193.75	SG625	76.00
3/4"	.031	100'	SS750	233.00	SG750	90.00



strapping



buckles

buckles

Band Width	201 Stainless Steel			Galvanized Steel		
	Part #	Price/E	Pkg Qty	Part #	Price/E	Pkg Qty
3/8"	CS375	\$0.77	100	CG375	\$0.39	100
1/2"	CS500	0.92	100	CG500	0.47	100
5/8"	CS625	1.15	100	CG625	0.55	100
3/4"	CS750	1.65	100	CG750	0.75	50

Set Screw Buckles

Applications:

- Used in applications when a temporary clamp is desired or space limitations do not allow for tool roll-over
- set screw locks band after tensioning
- sold in box quantities only

Band Width	201 Stainless Steel		Pkg Qty
	Part #	Price/E	
1/2"	SSB500	\$4.20	25
3/4"	SSB750 ¹	5.40	25

¹ 3/4" buckle may be used with 5/8" band



K

Stainless Steel Banding

Features:

- resistant to moisture
- built-in handle
- full view of available band
- easy to dispense and recoil

Band Width	Band Thickness	Length	Package Type	201 Stainless Steel	
				Part #	Price/E
1/2"	.030	100'	plastic blue tote	ST204B	\$142.25
5/8"	.030	100'	plastic green tote	ST205G	175.00
3/4"	.030	100'	plastic red tote	ST206R	235.50



Band Clamp Tools

Description	Part #	Price/E
Clamping tool for band and buckles	C2	\$460.00



Description	Part #	Price/E
Clamping tool for band and buckles	51960	\$161.50



Description	Part #	Price/E
adapter for 51960 tool to install preformed clamps	51970	\$144.50



Strap-Grip Saddles and Male Stems

**Features:**

- designed to provide greater resistance to end pull than conventional band clamps
- male fittings are designed for use with Strap-Grip saddles
- cam and groove fittings are available, see page 74
- Saddles are designed for use with 3/4" or 5/8" wide bands. A band clamp should first be applied to OD to seal the hose in sizes 3" and over then Strap-Grip saddles should be banded on top of initial clamps to anchor the fitting in the hose.

saddles

Size	Hose OD		Plated Iron	
	from	to	Part #	Price/pair ¹
1½"	1-13/16"	2-1/8"	SGS150	\$14.40
2"	2-5/8"	3"	SGS200	17.35
3"	3-1/2"	3-7/8"	SGS300	21.40
4"	4-9/16"	5-1/8"	SGS400	24.40
6"	6-1/2"	7-1/16"	SGS600	45.00

¹ prices are for two saddles

male NPT x hose shank

schedule 40



Size	Plated Carbon Steel		Stainless Steel	
	Part #	Price/pair	Part #	Price/E
1½"	LP21	\$60.00	---	---
2"	LP26	53.20	---	---
3"	LP36	125.00	RLP36¹	\$221.40
4"	LP46	164.00	RLP46¹	375.00
6"	LP66	340.00	---	---

schedule 80 ²


Size	Plated Carbon Steel	
	Part #	Price/E
1½"	LP21-80	\$69.00
2"	LP26-80	71.85

¹ made from tubular steel

² schedule 80 stems meet NFPA 58

Double Bolt Clamps

Features:

- inner surface has dual gripping ridges
- bolt lugs are reinforced to prevent bending out of alignment
- Torque values for clamps are based on dry bolts.
- The use of lubricant on bolts will adversely effect clamp performance. 
- measure hose OD accurately before ordering clamps
- Consult Dixon™ when using double bolt clamps on helical wire hose.



without saddles



with saddles

Hose OD		Plated Iron		Opt Qty	Torque in ft. lbs.
from	to	Part #	Price/E		
1-8/64"	1-12/64"	J48	\$7.45	100	15
1-12/64"	1-24/64"	J49	9.00	50	21
1-28/64"	1-34/64"	JX49	12.35	25	21
1-40/64"	1-52/64"	DL14	13.45	25	40
1-48/64"	2-3/64"	DL20	13.25	25	27
2-7/64"	2-19/64"	DL24¹	12.70	25	27
2-20/64"	2-40/64"	DL32¹	13.70	25	40
2-32/64"	2-48/64"	DL275	17.40	25	40
2-48/64"	3-4/64"	DL306	20.15	20	60
3-4/64"	3-24/64"	DL328	21.30	20	60
3-16/64"	3-32/64"	DL350	20.50	20	60


¹ investment cast carbon steel

Hose OD		Plated Iron		Opt Qty	Torque in ft. lbs.
from	to	Part #	Price/E		
3-32/64"	3-52/64"	400	\$21.00	25	40
3-50/64"	4-4/64"	431	25.10	20	40
4-2/64"	4-18/64"	463	22.95	20	40
4-16/64"	4-60/64"	525	26.70	10	60
4-32/64"	5-16/64"	550	29.00	10	60
5-8/64"	5-44/64"	600	31.55	10	60
5-44/64"	5-60/64"	639	35.15	10	60
5-60/64"	6-32/64"	675	34.15	10	60
6-32/64"	7-36/64"	769	39.25	10	60
7-44/64"	8-12/64"	818	55.50	5	125
8-16/64"	8-56/64"	875	54.90	5	125
8-60/64"	9-56/64"	988	65.60	5	125
9-60/64"	11-24/64"	1125	99.00	5	125
11-12/64"	13"	1275	110.20	3	125
12-12/64"	14"	1360	180.25	2	200
13-12/64"	15"	1450	178.70	2	200
15-4/64"	17-32/64"	1700	208.10	2	260

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Single Bolt Clamps

Features:

- measure hose OD accurately before ordering clamps
- Torque values for clamps are based on dry bolts.
- The use of lubricant on bolts will adversely effect clamp performance. 




Hose OD		Plated Iron		Torque in ft. lbs.
from	to	Part #	Price/E	
56/64"	1"	2	\$19.25	6
62/64"	1-8/64"	3	20.40	6
1-4/64"	1-12/64"	4	21.00	6
1-10/64"	1-16/64"	5	19.40	6
1-16/64"	1-24/64"	6	20.20	6
1-22/64"	1-28/64"	7	21.00	6
1-28/64"	1-36/64"	8	25.75	6
1-34/64"	1-44/64"	9	21.50	6
1-42/64"	1-48/64"	10	21.00	6
1-48/64"	1-56/64"	11	24.00	6
1-56/64"	2-2/64"	12	22.60	6
2"	2-8/64"	13	24.60	12
2-8/64"	2-18/64"	14	26.15	12
2-16/64"	2-26/64"	15	38.80	12

Hose OD		Plated Iron		Torque in ft. lbs.
from	to	Part #	Price/E	
2-24/64"	2-32/64"	16	\$24.20	12
2-32/64"	2-40/64"	17	23.60	12
2-40/64"	2-56/64"	18	29.50	12
2-56/64"	3-4/64"	19	28.25	12
3-4/64"	3-16/64"	20	27.70	12
3-16/64"	3-28/64"	21	31.75	12
3-28/64"	3-40/64"	22	29.50	21
3-40/64"	3-52/64"	23	41.00	21
3-52/64"	4-8/64"	24	37.90	21
4-8/64"	4-20/64"	25	38.45	21
4-16/64"	4-32/64"	26	39.50	21
4-28/64"	4-40/64"	27	46.70	21
4-40/64"	4-56/64"	X27	41.00	21
4-56/64"	5-16/64"	28	45.60	21

Spiral Clamps

Features:

- more than one clamp may be needed per size, contact the hose manufacturer for more information
- due to fluctuations in the OD of hose each individual installation should be checked 
- for use on convoluted cover hose
- To determine which style clamp is needed for your hose look at the end of the hose; if the helix spirals in a clockwise direction away from you (along the hose), a clockwise clamp is needed. If the helix spirals in a counterclockwise direction away from you, a counterclockwise clamp is needed. Examples include, but are not limited to: Kuriyama convoluted hose uses counter clockwise clamps; Pacific Echo and Kana Flex use clockwise clamps; Goodyear uses both counter clockwise and clockwise.



clockwise wound
right hand spiral



counter clockwise wound
left hand spiral

Size	Hose OD		<i>Plated Steel, Right Hand</i>		<i>Plated Steel, Left Hand</i>	
	from	to	Part #	Price/E	Part #	Price/E
1½"	1-34/64"	1-52/64"	SC150	\$12.70	SCCW150	\$12.70
2"	2-18/64"	2-32/64"	SC200	15.65	SCCW200	15.65
2½"	2-46/64"	3-8/64"	SC250	18.40	SCCW250	18.40
3"	3"	3-32/64"	SC300	19.40	SCCW300	19.40
4"	4"	4-32/64"	SC400	22.70	SCCW400	22.70
5"	5-6/64"	5-32/64"	SC500	29.35	SCCW500	29.35
6"	6-16/64"	7"	SC600	31.20	SCCW600	31.20
8"	8-32/64"	9-16/64"	SC800	37.60	SCCW800	37.60
10"	10-40/64"	11-16/64"	SC1000	47.10	SCCW1000	49.40
12"	11-52/64"	12-61/64"	SC1200	56.00	SCCW1200	56.00

T-Bolt Clamps

Features:

Style TBC

- can be applied with a standard 7/16" socket wrench
- ¾" wide, .025" thick, 300 series stainless steel band
- alloy steel bolt, torque rating: 70 in/lbs

Style STBC

- can be applied with a standard 7/16" socket wrench
- ¾" wide, .025" thick, 300 series stainless steel band
- 300 series stainless steel bolt, torque rating: 50 in/lbs

Hose OD		style TBC	Price/E	style STBC	Price/E	Opt
from	to	Part #		Part #		Qty
1.250"	1.406"	TBC131	\$10.20	STBC131	\$14.60	25
1.344"	1.562"	TBC150	7.60	STBC150	8.70	25
1.474"	1.692"	---	---	STBC163	8.70	25
1.594"	1.812"	TBC175	7.60	STBC175	8.70	25
1.724"	1.942"	TBC188	7.60	STBC188	8.70	25
1.844"	2.062"	TBC200	7.60	STBC200	8.70	25
1.964"	2.182"	---	---	STBC212	8.80	25
2.094"	2.312"	TBC225	7.60	STBC225	8.80	25
2.224"	2.442"	TBC238	7.60	STBC238	8.80	25
2.344"	2.562"	TBC250	7.80	STBC250	8.90	25
2.326"	2.622"	TBC256	7.40	STBC256	8.50	25
2.396"	2.692"	TBC263	7.40	STBC263	8.50	25
2.516"	2.812"	TBC275	7.40	STBC275	8.50	25
2.646"	2.942"	TBC288	7.50	STBC288	8.50	25
2.766"	3.062"	TBC300	7.50	STBC300	8.60	25
2.886"	3.182"	TBC312	7.60	STBC312	8.60	25
3.016"	3.312"	TBC325	7.60	STBC325	8.60	25
3.266"	3.562"	TBC350	7.90	STBC350	8.90	25
3.386"	3.682"	---	---	STBC362	8.90	25
3.516"	3.812"	TBC375	7.90	STBC375	8.90	25
3.586"	3.882"	TBC382	8.00	STBC382	8.90	25
3.766"	4.062"	TBC400	8.00	STBC400	8.90	25
4.016"	4.312"	TBC425	8.00	STBC425	9.00	25
4.266"	4.562"	TBC450	8.00	STBC450	9.00	25
4.516"	4.812"	TBC475	8.00	STBC475	9.60	25
4.766"	5.062"	TBC500	8.10	STBC500	9.80	25
5.016"	5.312"	TBC525	8.10	STBC525	9.80	25
5.266"	5.562"	TBC550	8.60	STBC550	10.30	25
5.516"	5.812"	TBC575	8.60	STBC575	10.30	25
5.766"	6.062"	TBC600	8.70	STBC600	10.30	25
6.016"	6.312"	TBC625	8.70	STBC625	10.30	25
6.266"	6.562"	TBC650	8.80	STBC650	10.30	25
6.516"	6.812"	TBC675	8.80	STBC675	10.30	25
6.766"	7.062"	TBC700	8.90	STBC700	10.70	25
7.016"	7.312"	---	---	STBC725	10.80	25
7.266"	7.562"	TBC750	8.90	STBC750	10.80	25
7.766"	8.062"	---	---	STBC800	11.10	25
8.016"	8.312"	---	---	STBC825	11.10	25
8.266"	8.562"	---	---	STBC850	11.10	25
8.646"	8.942"	---	---	STBC888	11.80	25
8.766"	9.062"	---	---	STBC900	11.80	25
9.266"	9.562"	---	---	STBC950	11.80	25
9.766"	10.062"	---	---	STBC1000	11.80	10
10.646"	10.942"	---	---	STBC1088	12.70	10
11.766"	12.062"	---	---	STBC1200	12.70	10
12.646"	12.942"	---	---	STBC1288	12.70	10



style TBC



style STBC

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Heavy Duty T-Bolt Clamps


Features:

- can be applied with a standard 1/2" socket wrench.
- 7/8" wide, .040" thick, 300 series stainless steel band
- carbon steel bolt, torque rating: 150 in/lbs

style HTBC

Hose OD		Part #	Price/E
from	to		
2.125"	2.4375"	HTBC238	\$14.30
2.250"	2.5625"	HTBC250	14.40
2.750"	3.0625"	HTBC300	14.60
3.250"	3.5625"	HTBC350	14.80
3.750"	4.0625"	HTBC400	15.10
4.250"	4.5625"	HTBC450	15.30
4.750"	5.0625"	HTBC500	15.60
5.250"	5.5625"	HTBC550	15.80
5.750"	6.0625"	HTBC600	16.00
6.250"	6.5625"	HTBC650	16.30
6.750"	7.0625"	HTBC700	16.50
7.250"	7.5625"	HTBC750	16.80
7.750"	8.0625"	HTBC800	17.00

Features:

- can be applied with a standard 1/2" socket wrench.
- 7/8" wide, .040" thick, 300 series stainless steel band
- 300 series stainless steel bolt, torque rating: 150 in/lbs

style HSTBC

Hose OD		Part #	Price/E
from	to		
2.125"	2.4375"	HSTBC238	\$16.20
2.250"	2.5625"	HSTBC250	16.30
2.750"	3.0625"	HSTBC300	16.50
3.250"	3.5625"	HSTBC350	16.80
3.750"	4.0625"	HSTBC400	17.00
4.250"	4.5625"	HSTBC450	17.30
4.750"	5.0625"	HSTBC500	17.50
5.250"	5.5625"	HSTBC550	17.80
5.750"	6.0625"	HSTBC600	18.00
6.250"	6.5625"	HSTBC650	18.30
6.750"	7.0625"	HSTBC700	18.40
7.250"	7.5625"	HSTBC750	18.80
7.750"	8.0625"	HSTBC800	19.10
8.266"	8.562"	HSTBC850	26.80
8.646"	8.942"	HSTBC888	27.20
8.766"	9.062"	HSTBC900	27.50
9.266"	9.562"	HSTBC950	28.30
9.766"	10.062"	HSTBC1000	29.00
10.646"	10.942"	HSTBC1088	30.50
12.646"	12.942"	HSTBC1288	33.40

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Long Bolt T-Bolt Clamps


Features:

- T-bolts can be applied with a standard 7/16" socket wrench.
- 3/4" wide, .025" thick, 300 series stainless steel band
- 300 series stainless steel bolt, torque rating: 50 in/lbs

style STBCL

Hose OD		Part #	Price/E	Opt Qty
from	to			
2.80"	3.37"	STBC325L	\$12.00	25
3.05"	3.62"	STBC350L	12.00	25
3.37"	3.94"	STBC382L	12.00	25
3.55"	4.12"	STBC400L	12.10	25
3.75"	4.32"	STBC420L ¹	12.10	25
3.87"	4.44"	STBC432L	12.00	25
4.05"	4.62"	STBC450L	12.10	25
4.37"	4.94"	STBC482L	12.30	25
4.55"	5.12"	STBC500L	12.30	25
4.87"	5.44"	STBC532L	12.30	25
5.05"	5.62"	STBC550L	12.30	25
5.37"	5.94"	STBC582L	12.40	25
5.55"	6.12"	STBC600L ¹	12.50	25
5.87"	6.44"	STBC632L	12.50	25
6.05"	6.62"	STBC650L	12.60	25
6.30"	6.87"	STBC675L	12.60	25
6.53"	7.10"	STBC698L	12.70	25
6.55"	7.12"	STBC700L ¹	12.70	25

Hose OD		Part #	Price/E	Opt Qty
from	to			
6.62"	7.19"	STBC707L	\$12.70	25
8.05"	8.62"	STBC850L	13.60	25
8.30"	8.87"	STBC875L	13.70	25
8.43"	9.00"	STBC888L	14.20	25
8.62"	9.19"	STBC907L	14.30	25
10.25"	10.82"	STBC1070L	14.30	25
10.43"	11.00"	STBC1088L	14.30	25
10.62"	11.19"	STBC1107L ¹	14.30	25
10.72"	11.29"	STBC1117L	16.90	25
12.20"	12.77"	STBC1265L	14.80	25
12.43"	13.00"	STBC1288L	14.80	25
12.75"	13.32"	STBC1320L	14.80	25
14.20"	14.77"	STBC1465L	14.90	25
14.43"	15.00"	STBC1488L	14.90	25
14.75"	15.32"	STBC1520L	15.20	25
16.20"	16.77"	STBC1665L	15.70	25
16.43"	17.00"	STBC1688L	15.70	25

¹ stock quantities only

Industrial Hydraulic Quick-Connect Couplings

Features:

- poppet style shut-off valves in both coupler and plug
- designed to prevent fluid loss when disconnected
- meets dimensional requirements of **Series B in ISO 7241-1**
- interchangeable with Parker-Hannifin 60 series, see Hydraulic Profile Chart on page 850
- Buna-N seal
- Contact Dixon™ if you intend to use the fittings on a compressed air system.

Poppet Valve Couplers

Body Size	Female NPTF	PSI at 70°F	Material	Part #	Price/E	Opt Qty
1/4"	1/4" - 18	5000	steel	16-263	\$29.75	5
3/8"	3/8" - 18	4000	steel	16-363	37.00	5
1/2"	1/2" - 14	4000	steel	16-463	53.00	5
3/4"	3/4" - 14	2500	steel	16-663	81.00	5
1"	1" - 11 1/2	2000	steel	16-863	108.00	5
1/4"	1/4" - 18	1000	brass	B16-263	32.50	5
3/8"	3/8" - 18	1000	brass	B16-363	44.00	5
1/2"	1/2" - 14	1000	brass	B16-463	64.00	5
3/4"	3/4" - 14	1000	brass	B16-663	97.00	5
1"	1" - 11 1/2	1000	brass	B16-863	134.00	5
1/4"	1/4" - 18	2000	303 stainless	SS16-263	74.00	5
3/8"	3/8" - 18	1500	303 stainless	SS16-363	116.50	5
1/2"	1/2" - 14	1500	303 stainless	SS16-463	184.50	5
3/4"	3/4" - 14	1500	303 stainless	SS16-663	228.95	5
1"	1" - 11 1/2	1000	303 stainless	SS16-863	367.00	5



Poppet Valve Plugs

Body Size	Female NPTF	PSI at 70°F	Material	Part #	Price/E	Opt Qty
1/4"	1/4" - 18	5000	steel	17-263	\$12.50	5
3/8"	3/8" - 18	4000	steel	17-363	16.90	5
1/2"	1/2" - 14	4000	steel	17-463	22.00	5
3/4"	3/4" - 14	2500	steel	17-663	33.00	5
1"	1" - 11 1/2	2000	steel	17-863	45.00	5
1/4"	1/4" - 18	1000	brass	B17-263	14.10	5
3/8"	3/8" - 18	1000	brass	B17-363	19.30	5
1/2"	1/2" - 14	1000	brass	B17-463	22.80	5
3/4"	3/4" - 14	1000	brass	B17-663	35.50	5
1"	1" - 11 1/2	1000	brass	B17-863	46.75	5
1/4"	1/4" - 18	2000	303 stainless	SS17-263	30.50	5
3/8"	3/8" - 18	1500	303 stainless	SS17-363	46.00	5
1/2"	1/2" - 14	1500	303 stainless	SS17-463	57.70	5
3/4"	3/4" - 14	1500	303 stainless	SS17-663	105.75	5
1"	1" - 11 1/2	1000	303 stainless	SS17-863	190.00	5



Dust Plugs

Body Size	Material	Part #	Price/E	Opt Qty
1/4"	rubber	16-002	\$3.75	5
3/8"	rubber	16-003	4.40	5
1/2"	rubber	16-004	4.85	5
3/4"	rubber	16-006	8.45	5
1"	rubber	16-008	10.50	5
1/4"	aluminum	16-002A	13.75	5
3/8"	aluminum	16-003A	15.40	5
1/2"	aluminum	16-004A	18.00	5
3/4"	aluminum	16-006A	25.75	5
1"	aluminum	16-008A	70.00	5



Dust Caps

Body Size	Material	Part #	Price/E	Opt Qty
1/4"	rubber	17-002	\$3.75	5
3/8"	rubber	17-003	4.30	5
1/2"	rubber	17-004	4.60	5
3/4"	rubber	17-006	9.60	5
1"	rubber	17-008	9.80	5
1/4"	aluminum	17-002A	14.60	5
3/8"	aluminum	17-003A	16.10	5
1/2"	aluminum	17-004A	21.50	5
3/4"	aluminum	17-006A	28.75	5
1"	aluminum	17-008A	77.00	5



3000 Series Hydraulic Thread-to-Connect Couplings

Applications:

- Designed for extreme high pressure applications including hydraulic rams and pumps where low flow and pressures up to 10,000 PSI are encountered.

Features:

- interchangeable with Parker 3000, Bruning IP 370 and Enerpac C 604, see Hydraulic Profile Chart on page 849
- polyurethane seals
- ball type check valves are in both the couplers and plugs



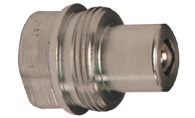
Male Couplers

Size	Male NPTF Thread	PSI at 70°F	Material	Part #	Price/E	Pkg Qty
1/4"	1/4" - 18	10,000	steel	30-200	\$43.00	5
3/8"	3/8" - 18	10,000	steel	30-300	45.00	5



Female Couplers

Size	Female NPTF Thread	PSI at 70°F	Material	Part #	Price/E	Pkg Qty
3/8"	3/8" - 18	10,000	steel	30-300F	\$50.00	5



Plugs

Size	Female NPTF Thread	PSI at 70°F	Material	Part #	Price/E	Pkg Qty
1/4"	1/4" - 18	10,000	steel	31-200	\$25.50	5
3/8"	3/8" - 18	10,000	steel	31-300	26.00	5

Screw Type Dust Plugs



Body Size	Material	Part #	Price/E	Opt Qty
1/4"	steel	30-200DP	\$11.20	5
3/8"	steel	30-300DP	10.70	5

Screw Type Dust Caps



Body Size	Material	Part #	Price/E	Pkg Qty
1/4"	steel	31-200DC	\$11.80	5
3/8"	steel	31-300DC	13.60	5

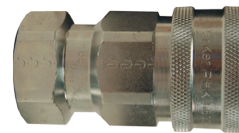
5600 Series Hydraulic Quick-Connect Couplings

Features:

- two-way check valves in the plug and coupler automatically balance in flow position and provide instant shut off when disconnected
- permits fast connection and disconnection of gas or fluid lines with minimal loss of media from either end
- to connect, simply retract sleeve, insert plug, and release sleeve
- interchangeable with Aeroquip 5600, Parker 6600, and **ISO A interchange**, see Hydraulic Profile Chart on page 850
- non-valved, slotted valve and straight through units available on request

Couplers

Body Size	Female NPTF	PSI at 70°F	Material	Part #	Price/E	Opt Qty
1/4"	1/8" - 27	5000	steel	56-100	\$45.25	5
1/4"	1/4" - 18	5000	steel	56-200	37.50	5
3/8"	3/8" - 18	4000	steel	56-300	45.25	5
1/2"	1/2" - 14	4000	steel	56-400	47.25	5
1/2"	3/4" - 14	4000	steel	56-600	64.50	5
3/4"	3/4" - 14	4000	steel	56-660	71.00	5
1"	1" - 11 1/2	4000	steel	56-800	90.50	5

**Plugs**

Body Size	Female NPTF	PSI at 70°F	Material	Part #	Price/E	Opt Qty
1/4"	1/8" - 27	5000	steel	57-100	\$18.30	5
1/4"	1/4" - 18	5000	steel	57-200	16.10	5
3/8"	3/8" - 18	4000	steel	57-300	22.00	5
1/2"	1/2" - 14	4000	steel	57-400	20.00	5
1/2"	3/4" - 14	4000	steel	57-600	36.30	5
3/4"	3/4" - 14	4000	steel	57-660	37.90	5
1"	1" - 11 1/2	4000	steel	57-800	49.50	5

**Dust Plugs**

Body Size	Material	Part #	Price/E	Opt Qty
1/4"	rubber	56-002	\$5.30	5
3/8"	rubber	56-003	5.95	5
1/2"	rubber	56-004	5.30	5
3/4"	rubber	56-006	12.50	5
1"	rubber	56-008	15.50	5

**Dust Caps**

Body Size	Material	Part #	Price/E	Opt Qty
1/4"	rubber	57-002	\$5.25	5
3/8"	rubber	57-003	5.95	5
1/2"	rubber	57-004	5.35	5
3/4"	rubber	57-006	12.25	5
1"	rubber	57-008	15.20	5



Agricultural Hydraulic Quick-Connect Couplings

Application:

- used on construction equipment, farm implements and most other mobile equipment

Features:

- ball style shut-off valves in both the coupler and the plug
- interchangeable with Pioneer 4000 series, Safeway Agricultural series and ISO5675, see Hydraulic Profile Chart on page 850
- The International Standard Organization (ISO) has adopted specifications regarding dimensions and interchangeability.

FTP Fittings

Couplers



Body Size	Female NPTF	PSI at 70°F	Material	Part #	Price/E	Opt Qty
1/4"	1/4" - 18	2500	steel	18-200 ¹	\$30.75	5
3/8"	3/8" - 18	2500	steel	18-300 ¹	40.60	5
1/2"	1/2" - 14	2500	steel	18-400	30.50	5
1/2"	3/4" - 14	2500	steel	18-600	43.25	5
3/4"	3/4" - 14	2500	steel	18-660	77.10	5
1"	1" - 11 1/2	2500	steel	18-800 ¹	96.00	5

Plugs

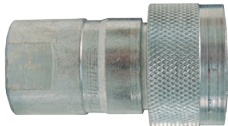


Body Size	Female NPTF	PSI at 70°F	Material	Part #	Price/E	Opt Qty
1/4"	1/4" - 18	2500	steel	19-200 ¹	\$15.00	10
3/8"	3/8" - 18	2500	steel	19-300 ¹	20.10	10
1/2"	1/2" - 14	2500	steel	19-400	14.10	10
1/2"	3/4" - 14	2500	steel	19-600	22.60	10
3/4"	3/4" - 14	2500	steel	19-660	24.50	10
1"	1" - 11 1/2	2500	steel	19-800 ¹	53.75	10

¹ have a poppet valve with soft seat design

ORB Fittings

Coupler



Body Size	Female ORB	PSI at 70°F	Material	Part #	Price/E	Opt Qty
1/2"	3/4" - 16	2500	steel	18-415	\$32.50	5

Plug



Body Size	Female ORB	PSI at 70°F	Material	Part #	Price/E	Opt Qty
1/2"	3/4" - 16	2500	steel	19-415	\$13.55	5

Dust Plugs



Body Size	Material	Part #	Price/E	Opt Qty
1/4"	rubber	18-002	\$4.85	10
3/8"	rubber	18-003	9.20	10
1/2"	rubber	18-004 ²	9.65	10
3/4"	rubber	18-006	10.25	10
1"	rubber	18-008	11.80	10

² has chain design

Dust Caps



Body Size	Material	Part #	Price/E	Opt Qty
1/4"	rubber	19-002	\$4.90	10
3/8"	rubber	19-003	5.70	10
1/2"	rubber	57-004	5.35	10
3/4"	rubber	19-006	14.20	10
1"	rubber	19-008	16.30	10

7800 Series Hydraulic Thread-to-Connect Couplings

Applications:

- Designed for applications requiring a coupling that can be connected under residual pressure with minimum spillage and air inclusion. Widely used on dump trailer wet-line hydraulic systems and oil field equipment. Not recommended for continuous hydraulic impulse applications.

Features:

- interchangeable with Aeroquip 5100 series, Parker 6100 series and Snap-Tite 78 series, see Hydraulic Profile Chart on page 849

Couplers

Body Size	Female NPT	PSI at 70°F	Material		Part #	Price/E	Opt Qty
			Body	Nut			
3/4"	3/4" - 14	3000	<i>brass</i>	<i>steel</i>	78-600	\$79.57	5
1"	1" - 11 1/2	4000	<i>brass</i>	<i>steel</i>	78-800	97.60	5
1 1/4"	1 1/4" - 11 1/2	3000	<i>brass</i>	<i>steel</i>	78-1000	178.23	5
1 1/2"	1 1/2" - 11 1/2	2500	<i>brass</i>	<i>steel</i>	78-1200	212.18	1



Plugs

Body Size	Male NPT	PSI at 70°F	Material	Part #	Price/E	Opt Qty
3/4"	3/4" - 14	3000	<i>brass</i>	79-600	\$56.23	5
1"	1" - 11 1/2	4000	<i>brass</i>	79-800	60.47	5
1 1/4"	1 1/4" - 11 1/2	3000	<i>brass</i>	79-1000	125.19	5
1 1/2"	1 1/2" - 11 1/2	2500	<i>brass</i>	79-1200	212.18	1



Flanges

Body Size	Material	Part #	Price/E	Opt Qty
3/4"	<i>steel</i>	77-600	\$4.77	2
1"	<i>steel</i>	77-800	6.37	2
1 1/4"	<i>steel</i>	77-1000	8.49	2
1 1/2"	<i>steel</i>	77-1200	10.61	2



Screw Type Dust Plugs

Body Size	Material	Part #	Price/E	Opt Qty
3/4"	<i>steel</i>	78-006	\$18.23	1
1"	<i>steel</i>	78-008	20.09	1
1 1/4"	<i>steel</i>	78-010	28.84	1
1 1/2"	<i>steel</i>	78-012	51.50	1



Screw Type Dust Caps

Body Size	Material	Part #	Price/E	Opt Qty
3/4"	<i>steel</i>	79-006	\$16.07	1
1"	<i>steel</i>	79-008	17.51	1
1 1/4"	<i>steel</i>	79-010	27.19	1
1 1/2"	<i>steel</i>	79-012	47.38	1



WS Series Couplings

Application:

- used extensively in oil field and off shore oil rig applications

Feature:

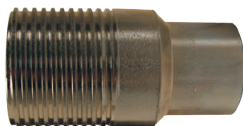
- interchanges with Snap-Tite 75 series

High Pressure Couplers



Body Size	Female NPTF	PSI at 70°F	Material	Part #	Price/E	Opt Qty
3/4"	3/4" - 14	5,000	steel	6WSF6	\$155.44	5
1"	1" - 11½	5,000	steel	8WSF8	233.16	5
1¼"	1¼" - 11½	5,000	steel	10WSF10	394.31	1
1½"	1½" - 11½	5,000	steel	12WSF12	582.88	1
2"	2" - 11½	5,000	steel	16WSF16	834.32	1

Plugs



Body Size	Male NPTF	PSI at 70°F	Material	Part #	Price/E	Opt Qty
3/4"	3/4" - 14	5,000	steel	WS6F6	\$142.86	5
1"	1" - 11½	5,000	steel	WS8F8	171.44	5
1¼"	1¼" - 11½	5,000	steel	WS10F10	314.31	1
1½"	1½" - 11½	5,000	steel	WS12F12	491.45	1
2"	2" - 11½	5,000	steel	WS16F16	800.03	1

Blowout Prevention Safety

Applications:

- designed for use in oil rig BOP systems where couplings are required to operate under fire conditions in an emergency

Features:

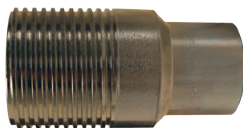
- fire tested and Lloyd's certified to 700°C (1300°F) in accordance with API 16D (Certificate #NAO 0601041/1)
- Sleeve is cast using a process that provides better surface finishes, tighter tolerance control, and excellent repeatability.
- Blowout Prevention Couplings are individually marked with the BOP series designation.

Couplers



Body Size	Female NPTF	PSI at 70°F	Material	Part #	Price/E	Opt Qty
3/4"	3/4" - 14	5,000	steel	6WSF6-BOP	\$228.58	5
1"	1" - 11½	5,000	steel	8WSF8-BOP	320.02	5
1¼"	1¼" - 11½	5,000	steel	10WSF10-BOP	514.31	1
1½"	1½" - 11½	5,000	steel	12WSF12-BOP	731.46	1
2"	2" - 11½	5,000	steel	16WSF16-BOP	1028.62	1

Plugs



Body Size	Male NPTF	PSI at 70°F	Material	Part #	Price/E	Opt Qty
3/4"	3/4" - 14	5,000	steel	WS6F6-BOP	\$177.15	5
1"	1" - 11½	5,000	steel	WS8F8-BOP	188.58	5
1¼"	1¼" - 11½	5,000	steel	WS10F10-BOP	377.16	1
1½"	1½" - 11½	5,000	steel	WS12F12-BOP	571.45	1
2"	2" - 11½	5,000	steel	WS16F16-BOP	960.04	1

Dust Plugs



Body Size	Material	Part #	Price/E	Opt Qty
3/4"	aluminum	6WSDP-A	\$39.31	25
1"	aluminum	8WSDP-A	50.40	10
1¼"	aluminum	10WSDP-A	70.55	10
1½"	aluminum	12WSDP-A	75.59	5
2"	aluminum	16WSDP-A	125.98	5

Dust Caps



Body Size	Material	Part #	Price/E	Opt Qty
3/4"	aluminum	WS6DC-A	\$39.31	25
1"	aluminum	WS8DC-A	50.40	10
1¼"	aluminum	WS10DC-A	70.55	10
1½"	aluminum	WS12DC-A	75.59	5
2"	aluminum	WS16DC-A	125.98	5

Flush Face Hydraulic Quick-Connect Couplings

Features:

- design minimizes fluid loss resulting in a cleaner, safer work environment
- Automatic, push-to-connect couplings provide high flow with low pressure drop assuring maximum hydraulic tool performance.
- To reduce the possibility of accidental disconnect, a sleeve lock safety feature requires turning the collar to unlock the coupling.
- conforms to ISO16028 interchange standard interchangeable with Aeroquip FD89, Parker FEM, Snap-tite 74, Faster FFH/2FFN/2FFI, Stucchi A/FIRG and Holmbury Series A, see Hydraulic Profile Chart on page 849

NPTF Fittings Couplers

Body Size	Female NPTF	PSI at 70°F	Material	Part #	Price/E	Opt Qty
1/4"	1/4" - 18	5000	steel	2HTF2	\$74.13	5
3/8"	3/8" - 18	5000	steel	3HTF3	76.45	5
3/8"	1/2" - 14	5000	steel	3HTF4	76.45	5
1/2"	1/2" - 14	5000	steel	4HTF4	92.66	5
1/2"	3/4" - 14	5000	steel	4HTF6	98.46	5
5/8"	3/4" - 14	5000	steel	5HTF6	133.20	5
3/4"	3/4" - 14	5000	steel	6HTF6	208.49	5
1"	1" - 11 1/2	5000	steel	8HTF8	289.57	5



Plugs

Body Size	Female NPTF	PSI at 70°F	Material	Part #	Price/E	Opt Qty
1/4"	1/4" - 18	5000	steel	HT2F2	\$30.12	5
3/8"	3/8" - 18	5000	steel	HT3F3	32.43	5
3/8"	1/2" - 14	5000	steel	HT3F4	32.43	5
1/2"	1/2" - 14	5000	steel	HT4F4	52.12	5
1/2"	3/4" - 14	5000	steel	HT4F6	57.92	5
5/8"	3/4" - 14	5000	steel	HT5F6	74.13	5
3/4"	3/4" - 14	5000	steel	HT6F6	94.98	5
1"	1" - 11 1/2	5000	steel	HT8F8	179.54	5



SAE/ORB Fittings Couplers

Body Size	Female ORB	PSI at 70°F	Material	Part #	Price/E	Opt Qty
1/2"	7/8" - 14	5000	steel	4HTOF5	\$98.46	5
1/2"	1-1/16" - 12	5000	steel	4HTOF6	98.46	5



Plugs

Body Size	Female ORB	PSI at 70°F	Material	Part #	Price/E	Opt Qty
1/2"	7/8" - 14	5000	steel	HT4OF5	\$57.92	5
1/2"	1-1/16" - 12	5000	steel	HT4OF6	57.92	--



Dust Plugs

Body Size	Material	Part #	Price/E	Opt Qty
1/4"	rubber	2HTDP	\$7.70	10
3/8"	rubber	3HTDP	8.58	10
1/2"	rubber	4HTDP	11.36	10
5/8"	rubber	5HTDP	13.37	10
3/4"	rubber	6HTDP	14.37	10
1"	rubber	8HTDP	16.49	10



Dust Caps

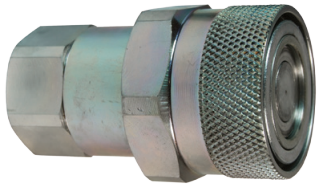
Body Size	Material	Part #	Price/E	Opt Qty
1/4"	rubber	HT2DC	\$7.70	10
3/8"	rubber	HT3DC	\$8.58	10
1/2"	rubber	HT4DC	11.36	10
5/8"	rubber	HT5DC	13.37	10
3/4"	rubber	HT6DC	14.37	10
1"	rubber	HT8DC	16.49	10



VEP Series Couplings

Features:

- no-spill, flush face valve minimizes air inclusion during connection and spillage during disconnection
- thread-to-connect design and dual valve system in the plug allow for connecting under pressure
- design eliminates premature wear or brinelling commonly found with locking ball designs when subjected to high impulse pressures
- Zinc nickel plating provides corrosion resistance
- interchangeable with Parker FET, Stucchi VEP, DNP FSI, Holmbury HFT



NPTF Fittings Couplers

Body Size	Female NPTF	PSI at 70°F	Material	Part #	Price/E	Opt Qty
1/4"	1/4" - 18	6000	steel	2VEPF2	\$108.77	20
3/8"	3/8" - 18	5500	steel	3VEPF3	121.80	20
3/8"	1/2" - 14	5500	steel	3VEPF4	124.53	20
1/2"	1/2" - 14	5500	steel	4VEPF4	158.55	15
1/2"	3/4" - 14	5500	steel	4VEPF6	162.65	15
3/4"	3/4" - 14	5500	steel	6VEPF6	206.17	1
1"	1" - 11 1/2	5500	steel	8VEPF8	261.27	1
1 1/4"	1 1/4" - 11 1/2	5000	steel	10VEPF10	302.10	1
1 1/2"	1 1/2" - 11 1/2	4500	steel	12VEPF12	866.42	1
2"	2" - 11 1/2	4000	steel	16VEPF16	2978.76	1

Plugs

Body Size	Female NPTF	PSI at 70°F	Material	Part #	Price/E	Opt Qty
1/4"	1/4" - 18	6000	steel	VEP2F2	\$102.09	20
3/8"	3/8" - 18	5500	steel	VEP3F3	138.15	20
3/8"	1/2" - 14	5500	steel	VEP3F4	140.86	20
1/2"	1/2" - 14	5500	steel	VEP4F4	158.55	10
1/2"	3/4" - 14	5500	steel	VEP4F6	162.65	10
3/4"	3/4" - 14	5500	steel	VEP6F6	185.76	1
1"	1" - 11 1/2	5500	steel	VEP8F8	214.34	1
1 1/4"	1 1/4" - 11 1/2	5000	steel	VEP10F10	302.10	1
1 1/2"	1 1/2" - 11 1/2	4500	steel	VEP12F12	828.15	1
2"	2" - 11 1/2	4000	steel	VEP16F16	2214.99	1



Dust Plugs

Body Size	Material	Part #	Price/E	Opt Qty
1/4"	aluminum	2VEPDP-A	\$27.01	50
3/8"	aluminum	3VEPDP-A	31.03	50
1/2"	aluminum	4VEPDP-A	48.55	25
3/4"	aluminum	6VEPDP-A	51.29	25
1"	aluminum	8VEPDP-A	52.62	10
1 1/4"	aluminum	10VEPDP-A	53.98	10
1 1/2"	aluminum	12VEPDP-A	134.90	5
2"	aluminum	16VEPDP-A	197.61	1



Dust Caps

Body Size	Material	Part #	Price/E	Opt Qty
1/4"	aluminum	VEP2DC-A	\$28.34	50
3/8"	aluminum	VEP3DC-A	36.42	50
1/2"	aluminum	VEP4DC-A	51.29	25
3/4"	aluminum	VEP6DC-A	53.98	25
1"	aluminum	VEP8DC-A	59.36	10
1 1/4"	aluminum	VEP10DC-A	56.66	10
1 1/2"	aluminum	VEP12DC-A	172.68	5
2"	aluminum	VEP16DC-A	262.71	1



VH Series Hydraulic Quick-Connect Couplings

Features:

- general purpose hydraulic quick-connect provides superior flow characteristics with built-in reliability
- VH Series interchangeable with Snap-tite H Series, see Hydraulic Profile Chart on page 849
- Buna-N seal
- dust caps and plugs are on the following page

Valved Couplers

Body Size	Female NPTF	PSI at 70°F	Material	Part #	Price/E	Opt Qty
1/4"	1/4" - 18	6500	steel	VHC200	\$24.39	5
3/8"	3/8" - 18	4500	steel	VHC300	33.27	5
1/2"	1/2" - 14	4000	steel	VHC400	40.44	5
3/4"	3/4" - 14	3500	steel	VHC600	62.58	5
1"	1" - 11 1/2	2000	steel	VHC800	97.23	5
1 1/4"	1 1/4" - 11 1/2	1750	steel	VHC1000	230.41	1
1 1/2"	1 1/2" - 11 1/2	1500	steel	VHC1200	318.61	1
2"	2" - 11 1/2	1500	steel	VHC1600	605.88	1
1/4"	1/4" - 18	2250	brass	VHC200B	30.55	5
3/8"	3/8" - 18	2250	brass	VHC300B	39.72	5
1/2"	1/2" - 14	2000	brass	VHC400B	58.18	5
3/4"	3/4" - 14	2000	brass	VHC600B	90.33	5
1/4"	1/4" - 18	5000	316 stainless	VHC200SS	104.32	5
1/2"	1/2" - 14	3750	316 stainless	VHC400SS	206.42	5
3/4"	3/4" - 14	2000	316 stainless	VHC600SS	295.52	5



Valved Plugs

Body Size	Female NPTF	PSI at 70°F	Material	Part #	Price/E	Opt Qty
1/4"	1/4" - 18	6500	steel	VHN200	\$16.72	5
3/8"	3/8" - 18	4500	steel	VHN300	20.85	5
1/2"	1/2" - 14	4000	steel	VHN400	24.91	5
3/4"	3/4" - 14	3500	steel	VHN600	37.36	5
1"	1" - 11 1/2	2000	steel	VHN800	59.70	5
1 1/4"	1 1/4" - 11 1/2	1750	steel	VHN1000	187.11	1
1 1/2"	1 1/2" - 11 1/2	1500	steel	VHN1200	229.77	1
2"	2" - 11 1/2	1500	steel	VHN1600	438.03	1
1/4"	1/4" - 18	2250	brass	VHN200B	21.77	5
3/8"	3/8" - 18	2250	brass	VHN300B	30.55	5
1/2"	1/2" - 14	2000	brass	VHN400B	40.62	5
3/4"	3/4" - 14	2000	brass	VHN600B	52.54	5
1/4"	1/4" - 18	5000	316 stainless	VHN200SS	72.77	5
1/2"	1/2" - 14	3750	316 stainless	VHN400SS	147.03	5
3/4"	3/4" - 14	2000	316 stainless	VHN600SS	202.48	5



Non-valved Couplers

Body Size	Female NPTF	PSI at 70°F	Material	Part #	Price/E	Opt Qty
1/2"	1/2" - 14	11,000	steel	VHC400NV	\$27.30	5
3/4"	3/4" - 14	9,000	steel	VHC600NV	41.83	5



Non-valved Plugs

Body Size	Female NPTF	PSI at 70°F	Material	Part #	Price/E	Opt Qty
1/2"	1/2" - 14	11,000	steel	VHN400NV	\$10.20	5
3/4"	3/4" - 14	9,000	steel	VHN600NV	14.51	5



- dust caps and plugs below are for couplings on the previous page

Dust Plugs



Body Size	Material	Part #	Price/E	Opt Qty
1/4"	rubber	VHC002	\$3.16	10
3/8"	rubber	VHCN003	3.51	10
1/2"	rubber	VHCN004	3.51	10
3/4"	rubber	VHCN006	8.52	10
1"	rubber	VHCN008	10.53	10
1 1/4"	aluminum	VHC010	25.81	10
1 1/2"	aluminum	VHC012	52.80	10
2"	aluminum	VHC016	90.07	10

Dust Caps



Body Size	Material	Part #	Price/E	Opt Qty
1/4"	rubber	VHN002	\$3.16	10
3/8"	rubber	VHCN003	3.51	10
1/2"	rubber	VHCN004	3.51	10
3/4"	rubber	VHCN006	8.52	10
1"	rubber	VHCN008	10.53	10
1 1/4"	aluminum	VHN010	32.05	10
1 1/2"	aluminum	VHN012	61.57	10
2"	aluminum	VHN016	77.44	10

Hydraulic Water-Blast Quick Couplings

Features:

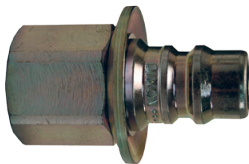
- plug mounted sleeve guard protects against accidental disconnection
- smooth bore full-flow design ensures maximum flow with minimal pressure drop
- steel body components maximize service life by resisting the effects of brinelling and internal erosion
- heavy duty knurled sleeve with locking pin provides maximum protection against brinelling and accidental disconnection
- interchangeable with Parker WB, Aeroquip FD69, and Snap Tite 56

Couplers



Body Size	Female NPTF	PSI at 70°F	Material	Part #	Price/E	Opt Qty
1/2"	3/8" - 18	10000	steel	4EAF3	\$125.17	25
1/2"	1/2" - 14	10000	steel	4EAF4	125.17	25

Plugs



Body Size	Female NPTF	PSI at 70°F	Material	Part #	Price/E	Opt Qty
1/2"	3/8" - 18	10000	steel	EA4F3	\$34.88	25
1/2"	1/2" - 14	10000	steel	EA4F4	34.88	25

Hydraulic Suction and Return Line Hose Couplings

Application:

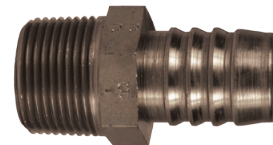
- designed for hydraulic suction line applications using SAE100R4 hydraulic hose

Feature:

- barbs provide easy assembly and maximum gripping action

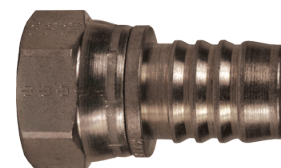
Stems male NPTF

Hose ID	Male NPTF	Plated Steel		Price/E
			Part #	
3/4"	3/4"-14		188-12	\$14.10
1"	1"-11½		188-16	33.00
1¼"	1¼"-11½		188-20	62.00
1½"	1½"-11½		188-24	76.00
2"	2"-11½		188-32	117.00



female SAE (JIC) 37° swivel

Hose ID	Female SAE	Plated Steel		Price/E
			Part #	
3/4"	1-1/16"-12		688-12	\$19.70
1"	1-5/16"-12		688-16	39.00
1¼"	1-5/8"-12		688-20	84.00
1½"	1-7/8"-12		688-24	91.00
2"	2-1/2"-12		688-32	186.60



- return line clamps must be used with these fittings

Clamps

Features:



- measure hose OD accurately before ordering clamps
- Torque values for clamps are based on dry bolts. The use of lubricant on bolts will adversely effect clamp performance.
- consult Dixon™ when using double bolt clamps on helical wire hose

without saddles

Hose ID	Hose OD		Zinc Plated Iron		Opt Qty	Torque in ft. lbs.
	from	to	Part #	Price/E		
3/4"	1-8/64"	1-12/64"	J48	\$7.45	100	15
1"	1-40/64"	1-52/64"	DL14	13.45	25	40
1¼"	1-48/64"	2-3/64"	DL20	13.25	25	27
1½"	2-7/64"	2-19/64"	DL24 ¹	12.70	25	27
2"	2-20/64"	2-40/64"	DL32 ¹	13.70	25	40



¹ made from investment cast carbon steel

Hydraulic Hose Couplings

Stems

Feature:

- stems have a collar behind the hex to engage clamp fingers



NPTF Size	Plated Steel	
	Part #	Price/E
3/8"	MSC	\$6.55
1/2"	HY4	17.70
3/4"	MS6	9.85
1"	HY8	25.00



NPTF Size	Plated Iron	
	Part #	Price/E
1 1/4"	HY10	\$35.60
1 1/2"	HY12	41.00
2"	HY16	46.85

Clamps

Feature:

- for use only on 1 wire hydraulic hoses



Hose ID	Hose OD		Plated Iron		Torque in ft. lbs.
	from	to	Part #	Price/E	
3/8"	48/64"	50/64"	HD1-3	\$18.85	12
1/2"	56/64"	60/64"	HD1-4	18.30	18
3/4"	1-10/64"	1-14/64"	HD1-6	21.65	18
1"	1-29/64"	1-35/64"	HD1-8	26.10	36

Features:

- for use only on 1 or 2 wire hydraulic hoses



- This clamp *should not* be used on 4 or 6 wire hydraulic hose even when hose falls within recommended ranges.



Hose ID	Hose OD		Plated Iron		Torque in ft. lbs.
	from	to	Part #	Price/E	
3/8"	50/64"	52/64"	HRC-037	\$18.20	18
1/2"	57/64"	1"	HRC-050	20.60	18
3/4"	1-16/64"	1-20/64"	HRC-075	17.85	36
1"	1-37/64"	1-41/64"	HRC-100	24.10	64
1 1/4"	1-54/64"	1-62/64"	HRC-125	41.00	90
1 1/2"	2-10/64"	2-18/64"	HRC-150	40.60	90
2"	2-43/64"	2-52/64"	HRC-200	52.20	90

Hydraulic Code 61/Code 62 Flanges

Features:

- flat face flange must be used with O-ring flange
- code 61 - standard pressure; code 62 - high pressure
- makes installation of components easier, especially in applications with limited space
- bolt kit with Buna O-ring included with O-ring flange
- no bolt kit is included with flat face flange
- also available in 316L stainless, contact Dixon™ for more information

NPTF port

Port Size	Pad Size	NPTF Thread	Code 61 Carbon Steel				Code 62 Carbon Steel			
			O-ring Part #	Price/E	Flat Face Part #	Price/E	O-ring Part #	Price/E	Flat Face Part #	Price/E
½"	½"	½"-14	W43-8-8-U	\$47.90	W104-8-8	\$60.00	W44-8-8-U	\$74.30	W45-8-8	\$63.50
¾"	¾"	¾"-14	W43-12-12-U	39.00	W104-12-12	37.00	W44-12-12-U	79.75	W45-12-12	67.25
1"	1"	1"-11½"	W43-16-16-U	43.50	W104-16-16	39.80	W44-16-16-U	92.40	W45-16-16	74.50
1¼"	1¼"	1¼"-11½"	W43-20-20-U	49.00	W104-20-20	41.50	W44-20-20-U	116.50	W45-20-20	96.00
1½"	1½"	1½"-11½"	W43-24-24-U	59.25	W104-24-24	46.75	W44-24-24-U	160.00	W45-24-24	128.25
2"	2"	2"-11½"	W43-32-32-U	77.50	W104-32-32	64.50	W44-32-32-U	253.00	W45-32-32	194.00
2½"	2½"	2½"-8	W43-40-40-U	107.50	W104-40-40	102.25	---	---	---	---
3"	3"	3"-8	W43-48-48-U	159.00	W104-48-48	140.75	---	---	---	---



SAE port

Port Size	Pad Size	UN / UNF-2B Thread	Code 61 Carbon Steel				Code 62 Carbon Steel			
			O-ring Part #	Price/E	Flat Face Part #	Price/E	O-ring Part #	Price/E	Flat Face Part #	Price/E
½"	½"	¾"-16	W46-8-8-U	\$65.40	W106-8-8	\$60.00	W48-8-8-U	\$74.30	W49-8-8	\$63.50
¾"	¾"	1-1/16"-12	W46-12-12-U	40.75	W106-12-12	37.00	W48-12-12-U	79.75	W49-12-12	67.25
1"	1"	1-5/16"-12	W46-16-16-U	41.70	W106-16-16	39.80	W48-16-16-U	92.40	W49-16-16	74.50
1¼"	1¼"	1-5/8"-12	W46-20-20-U	51.90	W106-20-20	41.50	W48-20-20-U	116.50	W49-20-20	96.00
1½"	1½"	1-7/8"-12	W46-24-24-U	63.50	W106-24-24	57.00	W48-24-24-U	160.00	W49-24-24	128.25
2"	2"	2-1/2"-12	W46-32-32-U ¹	202.75	W106-32-32	195.00	W48-32-32-U	253.00	W49-32-32	194.00



¹ 1000 PSI maximum

pipe socket weld

Port Size	Pad Size	Code 61 Carbon Steel				Code 62 Carbon Steel			
		O-ring Part #	Price/E	Flat Face Part #	Price/E	O-ring Part #	Price/E	Flat Face Part #	Price/E
½"	½"	W4-8-8-U	\$47.75	W61-8-8	\$36.25	W59-8-8-U	\$56.10	W60-8-8	\$48.00
¾"	¾"	W4-12-12-U	44.25	W61-12-12	33.50	W59-12-12-U	62.25	W60-12-12	53.25
1"	1"	W4-16-16-U	46.00	W61-16-16	35.50	W59-16-16-U	79.25	W60-16-16	65.40
1¼"	1¼"	W4-20-20-U	54.50	W61-20-20	40.00	W59-20-20-U	97.75	W60-20-20	81.75
1½"	1½"	W4-24-24-U	69.00	W61-24-24	55.00	W59-24-24-U	130.00	W60-24-24	105.50
2"	2"	W4-32-32-U	102.50	W61-32-32	84.00	W59-32-32-U	196.75	W60-32-32	145.00
2½"	2½"	W4-40-40-U	141.25	W61-40-40	119.00	W59-40-40-U	461.00	W60-40-40	370.00
3"	3"	W4-48-48-U	165.00	W61-48-48	129.75	W59-48-48-U	768.70	W60-48-48	607.75



Pressure Ratings of SAE Flanges

Code 61 SAE J518-1 / ISO 6162-1

Dash Size	Size	Max. Working Pressure		Fastener Torque Value
		PSI	MPa	Grade 8 UNC (lb-ft)
-8	½"	5000	35	24
-12	¾"	5000	35	44
-16	1"	4600	32	44
-20	1¼"	4000	28	68
-24	1½"	3000	21	111
-32	2"	3000	21	111
-40	2½"	2500	17.5	111
-48	3"	2300	16	218
-56	3½"	500	3.5	218
-64	4"	500	3.5	218
-80	5"	500	3.5	218

Code 62 SAE J518-2 / ISO 6162-2

Dash Size	Size	Max. Working Pressure		Fastener Torque Value
		PSI	MPa	Grade 8 UNC (lb-ft)
-8	½"	6000	40	24
-12	¾"	6000	40	44
-16	1"	6000	40	68
-20	1¼"	6000	40	111
-24	1½"	6000	40	218
-32	2"	6000	40	332

- Connection type opposite 4-bolt flange connection can de-rate maximum working pressure.

Hydraulic Split Flange Kits

Features:

- for tube, hose end and split flange adapter connections
- kits include 2 split flange halves, 4 hex head screws and lockwashers, 1 Buna O-ring
- silver trivalent finish for high corrosion resistance
- also available in forged 316L stainless, contact Dixon™ for more information



Flange Size	Code 61 Forged Carbon Steel		Code 62 Forged Carbon Steel	
	Part #	Price/E	Part #	Price/E
½"	8SFO	\$19.40	8SFXO	\$31.00
¾"	12SFO	14.80	12SFXO	26.60
1"	16SFO	16.50	16SFXO	31.00
1¼"	20SFO	20.75	20SFXO	43.40
1½"	24SFO	26.25	24SFXO	63.00
2"	32SFO	28.25	32SFXO	107.25
2½"	40SFO	45.50	---	---
3"	48SFO	76.50	---	---

Hydraulic Code 61 / Code 62 Flange Adapters

straight SAE C61 or C62 x male JIC



Thread	Tube OD	Flange Size	Code 61 Carbon Steel		Code 62 Carbon Steel	
			Part #	Price/E	Part #	Price/E
3/4"-16	½"	½"	300-8-8	\$18.75	---	---
3/4"-16	½"	¾"	300-8-12	31.00	---	---
1-1/16"-12	¾"	¾"	300-12-12	22.50	600-12-12	\$30.00
1-1/16"-12	¾"	1"	300-12-16	25.50	600-12-16	41.70
1-5/16"-12	1"	¾"	300-16-12	24.50	600-16-12	34.00
1-5/16"-12	1"	1"	300-16-16	27.00	600-16-16	35.30
1-5/16"-12	1"	1¼"	300-16-20	30.70	600-16-20	43.30
1-5/8"-12	1¼"	1"	300-20-16	29.70	600-20-16	49.00
1-5/8"-12	1¼"	1¼"	300-20-20	33.20	600-20-20	42.50
1-5/8"-12	1¼"	1½"	300-20-24	53.00	600-20-24	63.00
1-7/8"-12	1½"	1¼"	300-24-20	41.00	600-24-20	52.75
1-7/8"-12	1½"	1½"	300-24-24	38.75	600-24-24	54.25
1-7/8"-12	1½"	2"	300-24-32	64.90	600-24-32	86.75
2-1/2"-12	2"	1½"	300-32-24	77.25	600-32-24	73.00
2-1/2"-12	2"	2"	300-32-32	60.50	600-32-32	86.75

90° SAE C61 or C62 x male JIC



Thread	Tube OD	Flange Size	Code 61 Carbon Steel		Code 62 Carbon Steel	
			Part #	Price/E	Part #	Price/E
3/4"-16	½"	¾"	390-8-12	\$33.50	---	---
1-1/16"-12	¾"	¾"	390-12-12	26.00	690-12-12	\$39.75
1-1/16"-12	¾"	1"	390-12-16	36.50	690-12-16	53.75
1-5/16"-12	1"	¾"	390-16-12	36.00	690-16-12	47.75
1-5/16"-12	1"	1"	390-16-16	33.25	690-16-16	44.25
1-5/16"-12	1"	1¼"	390-16-20	43.25	690-16-20	60.25
1-5/8"-12	1¼"	1"	390-20-16	41.00	690-20-16	51.00
1-5/8"-12	1¼"	1¼"	390-20-20	43.25	690-20-20	55.00
1-5/8"-12	1¼"	1½"	390-20-24	61.00	690-20-24	80.00
1-7/8"-12	1½"	1½"	390-24-24	56.75	690-24-24	76.00
1-7/8"-12	1½"	2"	390-24-32	104.75	690-24-32	129.30
2-1/2"-12	2"	1½"	390-32-24	77.60	690-32-24	88.00
2-1/2"-12	2"	2"	390-32-32	102.75	690-32-32	130.00

45° SAE C61 or C62 x male JIC



Thread	Tube OD	Flange Size	Code 61 Carbon Steel		Code 62 Carbon Steel	
			Part #	Price/E	Part #	Price/E
1-1/16"-12	¾"	¾"	340-12-12	\$27.00	640-12-12	\$39.00
1-5/16"-12	1"	1"	340-16-16	31.50	640-16-16	47.00
1-5/8"-12	1¼"	1¼"	340-20-20	41.00	640-20-20	53.25
1-7/8"-12	1½"	1½"	340-24-24	59.00	640-24-24	68.50
2-1/2"-12	2"	2"	340-32-32	101.00	640-32-32	170.20

Flat Face Fittings

male flat face unions

Feature:

- reference SAE 520101

Male Flat Face	Zinc Plated Steel		
	Part #	PSI	Price/E
9/16"-18	FS2403-4	6000	\$1.95
11/16"-16	FS2403-6	6000	2.90
13/16"-16	FS2403-8	6000	3.75
1"-14	FS2403-10	6000	5.00
1-3/16"-12	FS2403-12	6000	6.70
1-7/16"-12	FS2403-16	6000	9.55



male flat face x male SAE O-ring Boss connectors

Feature:

- reference SAE 520120

Male Flat Face	Male SAE O-ring Boss	Zinc Plated Steel		
		Part #	PSI	Price/E
9/16"-18	7/16"-20	FS6400-4-4	5000	\$2.00
11/16"-16	9/16"-18	FS6400-6-6	5000	2.40
13/16"-16	3/4"-16	FS6400-8-8	4500	3.00
1"-14	7/8"-14	FS6400-10-10	3500	3.85
1-3/16"-12	1-1/16"-12	FS6400-12-12	3500	5.45
1-7/16"-12	1-5/16"-12	FS6400-16-16	3000	7.90



male flat face x male NPTF connectors

Feature:

- reference SAE 520102

Male Flat Face	Male NPTF	Zinc Plated Steel		
		Part #	PSI	Price/E
9/16"-18	1/4"-18	FS2404-4-4	5000	\$2.05
11/16"-16	3/8"-18	FS2404-6-6	4000	2.15
13/16"-16	1/2"-14	FS2404-8-8	3000	3.15
1-3/16"-12	3/4"-14	FS2404-12-12	2500	8.25
1-7/16"-12	1"-11 1/2	FS2404-16-16	2000	8.90



male flat face x female flat face swivel nut 90° elbows

Feature:

- reference SAE 520221

Male Flat Face	Female Flat Face	Zinc Plated Steel		
		Part #	PSI	Price/E
9/16"-18	9/16"-18	FS6500-4-4	6000	\$7.45
11/16"-16	11/16"-16	FS6500-6-6	6000	9.30
13/16"-16	13/16"-16	FS6500-8-8	6000	11.55
1"-14	1"-14	FS6500-10-10	6000	14.30
1-3/16"-12	1-3/16"-12	FS6500-12-12	6000	15.40
1-7/16"-12	1-7/16"-12	FS6500-16-16	6000	33.70



male flat face x male SAE O-ring Boss 90° elbows

Feature:

- reference SAE 520220

Male Flat Face	Male SAE O-ring Boss	Zinc Plated Steel		
		Part #	PSI	Price/E
9/16"-18	7/16"-20	FS6801-4-4	5000	\$4.35
11/16"-16	9/16"-18	FS6801-6-6	5000	5.60
13/16"-16	3/4"-16	FS6801-8-8	4500	6.40
1"-14	7/8"-14	FS6801-10-10	3500	10.15
1-3/16"-12	1-1/16"-12	FS6801-12-12	3500	13.55
1-7/16"-12	1-5/16"-12	FS6801-16-16	3000	19.70



Flat Face Fittings

male flat face x male NPTF 90° elbows



Feature:

- reference SAE 520202

Male Flat Face	Male NPTF	Zinc Plated Steel		
		Part #	PSI	Price/E
9/16"-18	¼"-18	FS2501-4-4	5000	\$3.35
11/16"-16	⅜"-18	FS2501-6-6	4000	4.65
13/16"-16	½"-14	FS2501-8-8	3000	6.30
1-3/16"-12	¾"-14	FS2501-12-12	2500	10.10
1-7/16"-12	1"-11½	FS2501-16-16	2000	16.85

male flat face x male flat face x male flat face union tees

Feature:

- reference SAE 520401



Male Flat Face	Male Flat Face	Male Flat Face	Zinc Plated Steel		
			Part #	PSI	Price/E
9/16"-18	9/16"-18	9/16"-18	FS2603-4	6000	\$5.85
11/16"-16	11/16"-16	11/16"-16	FS2603-6	6000	7.85
13/16"-16	13/16"-16	13/16"-16	FS2603-8	6000	8.05
1"-14	1"-14	1"-14	FS2603-10	6000	13.20
1-3/16"-12	1-3/16"-12	1-3/16"-12	FS2603-12	6000	17.00
1-7/16"-12	1-7/16"-12	1-7/16"-12	FS2603-16	6000	26.60

male flat face x female flat face swivel x male flat face run tees

Feature:

- reference SAE 520432



Male Flat Face	Female Flat Face Swivel	Male Flat Face	Zinc Plated Steel		
			Part #	PSI	Price/E
9/16"-18	9/16"-18	9/16"-18	FS6602-4	4500	\$7.85
11/16"-16	11/16"-16	11/16"-16	FS6602-6	4000	10.35
13/16"-16	13/16"-16	13/16"-16	FS6602-8	4000	11.20
1"-14	1"-14	1"-14	FS6602-10	3000	18.05
1-3/16"-12	1-3/16"-12	1-3/16"-12	FS6602-12	3000	23.35
1-7/16"-12	1-7/16"-12	1-7/16"-12	FS6602-16	2500	34.55

flat face caps

Feature:

- reference SAE 520112



Female Flat Face	Zinc Plated Steel		
	Part #	PSI	Price/E
9/16"-18	FS304C-4	6000	\$1.95
11/16"-16	FS304C-6	6000	2.40
13/16"-16	FS304C-8	6000	2.65
1"-14	FS304C-10	6000	3.65
1-3/16"-12	FS304C-12	6000	5.25
1-7/16"-12	FS304C-16	6000	7.20

flat face plugs

Feature:

- reference SAE 520109



Male Flat Face	Zinc Plated Steel		
	Part #	PSI	Price/E
9/16"-18	FS2408-4	6000	\$1.65
11/16"-16	FS2408-6	6000	1.75
13/16"-16	FS2408-8	6000	2.20
1"-14	FS2408-10	6000	3.05
1-3/16"-12	FS2408-12	6000	4.50
1-7/16"-12	FS2408-16	6000	6.95

ORB Fittings

O-ring port reducers

Male SAE O-ring Boss	Female O-ring Port	Zinc Plated Steel		
		Part #	PSI	Price/E
9/16"-18	7/16"-20	6410-6-4	5000	\$2.50
9/16"-18	3/4"-16	6410-6-8	4500	4.25
3/4"-16	7/8"-14	6410-8-10	3500	4.30
3/4"-16	9/16"-18	6410-8-6	4500	3.00
7/8"-14	1-1/16"-12	6410-10-12	3500	7.30
7/8"-14	3/4"-16	6410-10-8	3500	4.15
1-1/16"-12	7/8"-14	6410-12-10	3000	6.25
1-1/16"-12	1-5/16"-12	6410-12-16	3000	13.80



adjustable O-ring unions

Male O-ring Boss	Adjustable O-ring Boss	Zinc Plated Steel		
		Part #	PSI	Price/E
7/16"-20	7/16"-20	6403-4	4500	\$2.80
9/16"-18	9/16"-18	6403-6	4000	3.85
3/4"-16	3/4"-16	6403-8	4000	4.90
7/8"-14	7/8"-14	6403-10	3000	5.80
1-1/16"-12	1-1/16"-12	6403-12	3000	10.60
1-5/16"-12	1-5/16"-12	6403-16	2500	11.80

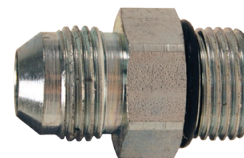


male JIC thread x male SAE O-ring Boss thread

Feature:

- reference SAE 070120

Male JIC	Male SAE O-ring Boss	Zinc Plated Steel		
		Part #	PSI	Price/E
7/16"-20	7/16"-20	1231-04-04	5000	\$1.35
7/16"-20	9/16"-18	1231-04-06	5000	1.55
7/16"-20	3/4"-16	1231-04-08	4500	2.45
1/2"-20	1/2"-20	1231-05-05	5000	2.05
9/16"-18	7/16"-20	1231-06-04	5000	1.60
9/16"-18	9/16"-18	1231-06-06	5000	1.65
9/16"-18	3/4"-16	1231-06-08	4500	2.05
9/16"-18	7/8"-14	1231-06-10	3500	3.00
3/4"-16	9/16"-18	1231-08-06	4500	2.50
3/4"-16	3/4"-16	1231-08-08	4500	2.25
3/4"-16	7/8"-14	1231-08-10	3500	2.85
3/4"-16	1-1/16"-12	1231-08-12	3500	4.10
7/8"-14	3/4"-16	1231-10-08	3500	3.25
7/8"-14	7/8"-14	1231-10-10	3500	3.00
7/8"-14	1-1/16"-12	1231-10-12	3500	4.10
1-1/16"-12	7/8"-14	1231-12-10	3500	4.30
1-1/16"-12	1-1/16"-12	1231-12-12	3500	4.50
1-1/16"-12	1-5/16"-12	1231-12-16	3000	6.75
1-5/16"-12	1-1/16"-12	1231-16-12	3000	5.45
1-5/16"-12	1-5/16"-12	1231-16-16	3000	6.45
1-5/16"-12	1-5/8"-12	1231-16-20	2500	11.35
1-5/8"-12	1-5/16"-12	1231-20-16	2500	13.30
1-5/8"-12	1-5/8"-12	1231-20-20	2500	13.25



O-ring Boss / male pipe adapters

Male SAE O-ring Boss	Male NPTF Pipe Adapter	Zinc Plated Steel		
		Part #	PSI	Price/E
7/16"-20	1/4"-18	6401-4-4	5000	\$1.95
9/16"-18	1/4"-18	6401-6-4	4000	2.00
9/16"-18	3/8"-18	6401-6-6	4000	2.45
9/16"-18	1/2"-14	6401-6-8	3000	4.50
3/4"-16	3/8"-18	6401-8-6	3000	3.00
3/4"-16	1/2"-14	6401-8-8	3000	2.95
7/8"-14	1/2"-14	6401-10-8	3000	3.45
1-1/16"-12	3/4"-14	6401-12-12	2500	5.80
1-5/16"-12	1"-11 1/2	6401-16-16	2000	9.80



ORB Fittings

O-ring to female pipe adapters



Male SAE O-ring Boss	Female NPTF Pipe	Zinc Plated Steel		
		Part #	PSI	Price/E
7/16"-20	1/8"-27	6405-4-2	5000	\$2.30
7/16"-20	1/4"-18	6405-4-4	5000	2.95
7/16"-20	3/8"-18	6405-4-6	4000	2.70
9/16"-18	1/4"-18	6405-6-4	4000	2.35
9/16"-18	3/8"-18	6405-6-6	4000	3.20
9/16"-18	1/2"-14	6405-6-8	3000	5.90
3/4"-16	3/8"-18	6405-8-6	4000	3.25
3/4"-16	1/2"-14	6405-8-8	3000	4.20
7/8"-14	1/4"-18	6405-10-4	3000	4.25
7/8"-14	1/2"-14	6405-10-8	3000	4.15
7/8"-14	3/4"-14	6405-10-12	2500	7.70
1-1/16"-12	1/2"-14	6405-12-8	3000	6.40
1-1/16"-12	3/4"-14	6405-12-12	2500	6.65
1-1/16"-12	1"-11 1/2	6405-12-16	2000	7.45
1-5/16"-12	3/4"-14	6405-16-12	2500	7.25
1-5/16"-12	1"-11 1/2	6405-16-16	2000	9.10
1-5/16"-12	1 1/4"-11 1/2	6405-16-20	1150	19.10
1-5/8"-12	1"-11 1/2	6405-20-16	2000	16.00
1-5/8"-12	1 1/4"-11 1/2	6405-20-20	1150	17.25

90° male SAE O-ring Boss thread x male JIC thread

Feature:

- reference SAE 070220



Male SAE O-ring Boss	Male JIC	Zinc Plated Steel		
		Part #	PSI	Price/E
7/16"-20	7/16"-20	1238-04-04	5000	\$3.40
7/16"-20	9/16"-18	1238-04-06	5000	4.00
9/16"-18	7/16"-20	1238-06-04	5000	3.90
9/16"-18	9/16"-18	1238-06-06	5000	3.45
3/4"-16	9/16"-18	1238-08-06	4500	5.90
3/4"-16	3/4"-16	1238-08-08	4500	5.10
3/4"-16	7/8"-14	1238-08-10	3500	7.75
7/8"-14	3/4"-16	1238-10-08	3500	7.45
7/8"-14	7/8"-14	1238-10-10	3500	8.00
7/8"-14	1-1/16"-12	1238-10-12	3500	9.70
1-1/16"-12	7/8"-14	1238-12-10	3500	10.35
1-1/16"-12	1-1/16"-12	1238-12-12	3500	10.10
1-1/16"-12	1-5/16"-12	1238-12-16	3000	15.35
1-5/16"-16	1-1/16"-12	1238-16-12	3000	16.55
1-5/16"-12	1-5/16"-12	1238-16-16	3000	15.35
1-5/8"-12	1-5/16"-12	1238-20-16	2500	31.15
1-5/8"-12	1-5/8"-12	1238-20-20	2500	27.05
1-7/8"-12	1-7/8"-12	1238-24-24	2000	43.00

90° SAE O-ring Boss x female NPSM swivel nut

Feature:

- reference SAE 140257



Male SAE O-ring Boss	Female NPSM Swivel	Zinc Plated Steel		
		Part #	PSI	Price/E
7/16"-20	1/4"-18	6901-4-4	4500	\$5.20
7/16"-20	3/8"-18	6901-4-6	4000	7.80
9/16"-18	1/4"-18	6901-6-4	4000	6.10
9/16"-18	3/8"-18	6901-6-6	4000	6.35
9/16"-18	1/2"-14	6901-6-8	4000	9.55
3/4"-16	3/8"-18	6901-8-6	3500	7.80
3/4"-16	1/2"-14	6901-8-8	4000	8.30
3/4"-16	3/4"-14	6901-8-12	3000	14.45
7/8"-14	1/2"-14	6901-10-8	3500	10.00
7/8"-14	3/4"-14	6901-10-12	3000	17.35
1-1/16"-12	1/2"-14	6901-12-8	3500	15.30
1-1/16"-12	3/4"-14	6901-12-12	3000	14.60
1-1/16"-12	1"-11 1/2	6901-12-16	2500	20.45
1-5/16"-12	3/4"-14	6901-16-12	3000	22.70
1-5/16"-12	1"-11 1/2	6901-16-16	2500	20.80
1-5/16"-12	1 1/4"-11 1/2	6901-16-20	2000	42.00
1-5/8"-12	1 1/4"-11 1/2	6901-20-20	2000	39.90

ORB Fittings

45° male SAE O-ring Boss thread x male JIC thread

Feature:

- reference SAE 070320

Male SAE O-ring Boss	Male JIC	Zinc Plated Steel		
		Part #	PSI	Price/E
7/16"-20	7/16"-20	1240-04-04	5000	\$3.75
9/16"-18	9/16"-18	1240-06-06	5000	4.20
9/16"-18	3/4"-16	1240-06-08	4500	6.25
3/4"-16	9/16"-18	1240-08-06	4500	7.10
3/4"-16	3/4"-16	1240-08-08	4500	6.20
3/4"-16	7/8"-14	1240-08-10	3500	9.00
7/8"-14	3/4"-16	1240-10-08	3500	7.45
7/8"-14	7/8"-14	1240-10-10	3500	7.95
7/8"-14	1-1/16"-12	1240-10-12	3500	11.40
1-1/16"-12	7/8"-14	1240-12-10	3500	10.45
1-1/16"-12	1-1/16"-12	1240-12-12	3500	10.65
1-1/16"-12	1-5/16"-12	1240-12-16	3000	16.45
1-5/16"-12	1-5/16"-12	1240-16-16	3000	15.25
1-5/8"-12	1-5/16"-12	1240-20-16	2500	35.00
1-5/8"-12	1-5/8"-12	1240-20-20	2500	34.85



straight thread branch tees male 37° flare x male SAE O-ring Boss

Feature:

- reference SAE 070429

(2) Male JIC 37°	Male SAE O-ring Boss	Zinc Plated Steel		
		Part #	PSI	Price/E
7/16"-20	7/16"-20	6803-4	5000	\$5.40
9/16"-18	9/16"-18	6803-6	5000	5.80
3/4"-16	3/4"-16	6803-8	4500	8.10
7/8"-14	7/8"-14	6803-10	3500	11.90
1-1/16"-12	1-1/16"-12	6803-12	3500	17.35
1-5/16"-12	1-5/16"-12	6803-16	3000	23.15



SAE O-ring Boss thread plugs

Feature:

- reference SAE 090109A

Thread Size	Zinc Plated Steel		
	Part #	PSI	Price/E
7/16"-20	1255-04H	5000	\$1.00
9/16"-18	1255-06H	5000	1.10
3/4"-16	1255-08H	4500	1.65
7/8"-14	1255-10H	3500	2.05
1-1/16"-12	1255-12H	3500	2.90
1-5/16"-12	1255-16H	3000	4.15
1-5/8"-12	1255-20H	2500	7.05
1-7/8"-12	1255-24H	2000	12.60
2-1/2"-12	1255-32H	1500	32.60

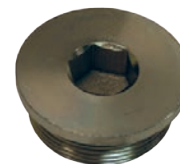


hollow hex O-ring plugs

Features:

- reference SAE 090109B
- requires Allen wrench

Male SAE O-ring Boss	Zinc Plated Steel		
	Part #	PSI	Price/E
7/16"-20	6408HHP-4	5000	\$0.85
9/16"-18	6408HHP-6	5000	1.10
3/4"-16	6408HHP-8	4500	1.80
7/8"-14	6408HHP-10	3500	1.95
1-1/16"-12	6408HHP-12	3500	2.60
1-5/16"-12	6408HHP-16	3000	3.90
1-5/8"-12	6408HHP-20	2500	8.15
1-7/8"-12	6408HHP-24	1500	11.95
2-1/2"-12	6408HHP-32	1500	20.65



JIC Fittings

male JIC thread x male JIC thread

Feature:

- reference SAE 070101

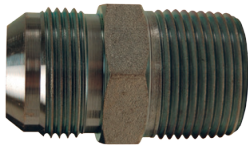


Male JIC	Male JIC	Zinc Plated Steel		
		Part #	PSI	Price/E
7/16"-20	7/16"-20	1204-04-04	5000	\$1.20
9/16"-18	9/16"-18	1204-06-06	5000	1.60
3/4"-16	7/16"-20	1204-08-04	4500	3.15
3/4"-16	3/4"-16	1204-08-08	4500	2.35
7/8"-14	3/4"-16	1204-10-08	3500	3.80
7/8"-14	7/8"-14	1204-10-10	3500	4.05
1-1/16"-12	3/4"-16	1204-12-08	3500	5.05
1-1/16"-12	7/8"-14	1204-12-10	3500	4.95
1-1/16"-12	1-1/16"-12	1204-12-12	3500	4.15
1-5/16"-12	1-1/16"-12	1204-16-12	3000	9.05
1-5/16"-12	1-5/16"-12	1204-16-16	3000	7.55
1-5/8"-12	1-5/8"-12	1204-20-20	2500	11.00
1-7/8"-12	1-7/8"-12	1204-24-24	2000	20.00

male 37° flare x male NPTF

Feature:

- reference SAE 070102



Male 37° Flare	Male NPTF	PSI	Zinc Plated Steel		316 Stainless Steel	
			Part #	Price/E	Part #	Price/E
7/16"-20	1/8"-27	4500	2404-4-2	\$1.20	---	---
7/16"-20	1/4"-18	4500	2404-4-4	1.55	SS2404-4-4	\$15.10
7/16"-20	3/8"-18	4000	2404-4-6	2.05	---	---
7/16"-20	1/2"-18	3000	2404-4-8	4.95	---	---
1/2"-20	1/8"-27	4000	2404-5-2	2.10	---	---
9/16"-18	1/8"-27	4000	2404-6-2	1.75	---	---
9/16"-18	1/4"-18	4000	2404-6-4	1.55	---	---
9/16"-18	3/8"-18	4000	2404-6-6	2.10	SS2404-6-6	22.00
9/16"-18	1/2"-14	3000	2404-6-8	2.45	---	---
3/4"-16	1/4"-18	4000	2404-8-4	2.25	---	---
3/4"-16	3/8"-18	4000	2404-8-6	2.25	---	---
3/4"-16	1/2"-14	3000	2404-8-8	2.55	SS2404-8-8	23.50
3/4"-16	3/4"-14	2500	2404-8-12	4.20	---	---
7/8"-14	1/2"-14	3000	2404-10-8	2.75	---	---
7/8"-14	3/4"-14	2500	2404-10-12	4.05	---	---
1-1/16"-12	1/2"-14	3000	2404-12-8	5.35	---	---
1-1/16"-12	3/4"-14	2500	2404-12-12	4.20	SS2404-12-12	52.00
1-1/16"-12	1"-11 1/2	2000	2404-12-16	6.15	---	---
1-5/16"-12	3/4"-14	2500	2404-16-12	8.80	---	---
1-5/16"-12	1"-11 1/2	2000	2404-16-16	6.25	SS2404-16-16	65.00
1-5/8"-12	1 1/4"-11 1/2	1150	2404-20-20	9.00	---	---
1-7/8"-12	1 1/2"-11 1/2	1000	2404-24-24	15.70	---	---
2-1/2"-12	2"-11 1/2	1000	2404-32-32	39.50	---	---

male 37° flare x female NPTF

Feature:

- reference SAE 070103



Male 37° Flare	Female NPTF	PSI	Zinc Plated Steel		316 Stainless Steel	
			Part #	Price/E	Part #	Price/E
7/16"-20	1/8"-27	4500	2405-4-2	\$2.40	---	---
7/16"-20	1/4"-18	4500	2405-4-4	2.95	SS2405-4-4	\$19.90
9/16"-18	1/4"-18	4000	2405-6-4	3.05	---	---
9/16"-18	3/8"-18	4000	2405-6-6	3.00	SS2405-6-6	25.50
9/16"-18	1/2"-14	3000	2405-6-8	4.50	---	---
3/4"-16	3/8"-18	4000	2405-8-6	3.80	---	---
3/4"-16	1/2"-14	3000	2405-8-8	4.20	SS2405-8-8	41.00
3/4"-16	3/4"-14	2500	2405-8-12	13.35	---	---
7/8"-14	1/2"-14	3000	2405-10-8	5.95	---	---
1-1/16"-12	3/4"-14	2500	2405-12-12	6.65	SS2405-12-12	67.00
1-1/16"-12	1"-11 1/2	2000	2405-12-16	20.80	---	---
1-5/16"-12	1"-11 1/2	2000	2405-16-16	9.15	SS2405-16-16	112.00
1-5/8"-12	1 1/4"-11 1/2	1150	2405-20-20	18.20	---	---

JIC Fittings

37° JIC swivel x male NPTF

Female JIC 37° Swivel	Male NPTF Pipe	Zinc Plated Steel		
		Part #	PSI	Price/E
7/16"-20	1/8"-27	6505-4-2	4500	\$4.90
7/16"-20	1/4"-18	6505-4-4	4500	3.30
1/2"-20	1/4"-18	6505-5-4	4000	5.05
9/16"-18	1/4"-18	6505-6-4	4000	4.45
9/16"-18	3/8"-18	6505-6-6	4000	4.25
3/4"-16	3/8"-18	6505-8-6	4000	5.35
7/8"-14	1/2"-14	6505-10-8	3000	6.80
7/8"-14	3/4"-14	6505-10-12	2500	10.75
1-1/16"-12	1/2"-14	6505-12-8	3000	9.90
1-1/16"-12	3/4"-14	6505-12-12	2500	7.95
1-5/16"-12	3/4"-14	6505-16-12	2500	15.20
1-5/16"-12	1"-1/2	6505-16-16	2000	14.30
1-5/8"-12	1 1/4"-11 1/2	6505-20-20	1150	19.75
1-7/8"-12	1 1/2"-11 1/2	6505-24-24	1000	32.00
2-1/2"-12	2"-11 1/2	6505-32-32	1000	51.00



female 37° swivel x female NPTF pipe

Female JIC 37° Swivel	Female NPTF	Zinc Plated Steel		
		Part #	PSI	Price/E
7/16"-20	1/4"-18	6506-4-4	4500	\$4.90
7/16"-20	3/8"-18	6506-4-6	4000	6.65
9/16"-18	1/4"-18	6506-6-4	4000	6.35
9/16"-18	3/8"-18	6506-6-6	4000	6.45
3/4"-16	1/2"-14	6506-8-8	3000	6.95
7/8"-14	1/2"-14	6506-10-8	3000	10.50
1 1/16"-12	3/4"-14	6506-12-12	2500	10.85
1 5/16"-12	1" 11/2	6506-16-16	2000	15.25



90° male JIC thread x male JIC thread

Feature:

- reference SAE 070201

Male JIC	Male JIC	Zinc Plated Steel		
		Part #	PSI	Price/E
7/16"-20	7/16"-20	1234-04-04	5000	\$2.45
9/16"-18	9/16"-18	1234-06-06	5000	3.30
3/4"-16	3/4"-16	1234-08-08	4500	4.45
7/8"-14	7/8"-14	1234-10-10	3500	6.20
1-1/16"-12	1-1/16"-12	1234-12-12	3500	8.60
1-5/16"-12	1-5/16"-12	1234-16-16	3000	13.05
1-5/8"-12	1-5/8"-12	1234-20-20	2500	25.40



male 37° flare x female 37° swivel 90° elbows

Feature:

- reference SAE 070221

Male 37° Flare	Female 37° Swivel	Zinc Plated Steel		
		Part #	PSI	Price/E
7/16"-20	7/16"-20	6500-4	5000	\$3.25
9/16"-18	9/16"-18	6500-6	5000	3.65
9/16"-18	7/16"-20	6500-6-4	5000	5.40
9/16"-18	3/4"-16	6500-6-8	4500	5.90
3/4"-16	3/4"-16	6500-8	4500	5.55
3/4"-16	9/16"-18	6500-8-6	4500	6.10
3/4"-16	7/8"-14	6500-8-10	3500	9.10
7/8"-14	7/8"-14	6500-10	3500	7.30
1-1/16"-12	1-1/16"-12	6500-12	3500	9.75
1-1/16"-12	7/8"-14	6500-12-10	3500	11.65
1-5/16"-12	1-5/16"-12	6500-16	3000	17.25
1-5/8"-12	1-5/8"-12	6500-20	2500	35.55



JIC Fittings

90° male 37° flare x male NPTF

Feature:

- reference SAE 070202



Male 37° Flare	Male NPTF	PSI	Zinc Plated Steel		316 Stainless Steel	
			Part #	Price/E	Part #	Price/E
7/16"-20	1/8"-27	4500	2501-4-2	\$3.15	---	---
7/16"-20	1/4"-18	4500	2501-4-4	3.05	SS2501-4-4	\$18.90
7/16"-20	3/8"-18	4000	2501-4-6	4.10	---	---
9/16"-18	1/8"-27	4000	2501-6-2	3.75	---	---
9/16"-18	1/4"-18	4000	2501-6-4	2.80	---	---
9/16"-18	3/8"-18	4000	2501-6-6	3.90	SS2501-6-6	31.00
9/16"-18	1/2"-14	3000	2501-6-8	4.80	---	---
3/4"-16	1/4"-18	4000	2501-8-4	5.70	---	---
3/4"-16	3/8"-18	4000	2501-8-6	4.90	---	---
3/4"-16	1/2"-14	3000	2501-8-8	5.25	SS2501-8-8	47.00
3/4"-16	3/4"-14	2500	2501-8-12	7.80	---	---
7/8"-14	1/2"-14	3000	2501-10-8	6.25	---	---
7/8"-14	3/4"-14	2500	2501-10-12	8.10	---	---
1-1/16"-12	1/2"-14	3000	2501-12-8	8.10	---	---
1-1/16"-12	3/4"-14	2500	2501-12-12	8.65	SS2501-12-12	76.00
1-1/16"-12	1"-11 1/2	2000	2501-12-16	11.25	---	---
1-5/16"-12	3/4"-14	2500	2501-16-12	12.40	---	---
1-5/16"-12	1"-11 1/2	2000	2501-16-16	12.00	SS2501-16-16	110.00
1-5/8"-12	1"-11 1/2	2000	2501-20-16	26.50	---	---
1-5/8"-12	1 1/4"-11 1/2	1150	2501-20-20	22.50	---	---
1-7/8"-12	1 1/2"-11 1/2	1000	2501-24-24	38.50	---	---
2-1/2"-12	2"-11 1/2	1000	2501-32-32	82.00	---	---

Female 37° JIC swivel x 90° male NPTF

Female JIC 37° Swivel	Male NPTF	Zinc Plated Steel		
		Part #	PSI	Price/E
7/16"-20	1/8"-27	6501-4-2	4500	\$3.60
7/16"-20	1/4"-18	6501-4-4	4500	3.90
1/2"-20	1/8"-27	6501-5-2	4000	4.10
9/16"-18	1/4"-18	6501-6-4	4000	4.30
9/16"-18	3/8"-18	6501-6-6	4000	5.45
3/4"-16	3/8"-18	6501-8-6	4000	5.65
3/4"-16	1/2"-14	6501-8-8	3000	7.90
7/8"-14	1/2"-14	6501-10-8	3000	9.80
1-1/16"-12	3/4"-14	6501-12-12	2500	10.70
1-3/16"-12	3/4"-14	6501-14-12	2500	15.90
1-5/16"-12	1"-11 1/2	6501-16-16	2000	17.75
1-5/8"-12	1 1/4"-11 1/2	6501-20-20	1150	32.50
1-7/8"-12	1 1/2"-11 1/2	6501-24-24	1000	47.00
2-1/2"-12	2"-11 1/2	6501-32-32	1000	94.00

45° swivel elbow
male 37° flare x female 37° swivel

Feature:

- reference SAE 070321



Male JIC 37°	Female JIC 37° Swivel	Zinc Plated Steel		
		Part #	PSI	Price/E
7/16"-20	7/16"-20	6502-4	4500	\$3.90
9/16"-18	9/16"-18	6502-6	4000	4.30
3/4"-16	3/4"-16	6502-8	4000	4.90
7/8"-14	7/8"-14	6502-10	3000	9.15
1 1/16"-12	1 1/16"-12	6502-12	3000	10.40
1 5/16"-12	1 5/16"-12	6502-16	2500	16.95
1 5/8"-12	1 5/8"-12	6502-20	2000	35.00

JIC Fittings

45° male 37° flare x male NPTF

Feature:

- reference SAE 070302

Male 37° Flare	Male NPTF	Zinc Plated Steel		
		Part #	PSI	Price/E
7/16"-20	1/8"-27	2503-4-2	4500	\$2.90
7/16"-20	1/4"-18	2503-4-4	4500	3.15
9/16"-18	1/4"-18	2503-6-4	4000	3.40
9/16"-18	3/8"-18	2503-6-6	4000	3.90
3/4"-16	1/4"-18	2503-8-4	4000	4.75
3/4"-16	3/8"-18	2503-8-6	4000	4.70
3/4"-16	1/2"-14	2503-8-8	3000	5.00
7/8"-14	1/2"-14	2503-10-8	3000	6.55
7/8"-14	3/4"-14	2503-10-12	2500	7.65
1-1/16"-12	3/4"-14	2503-12-12	2500	8.00
1-5/16"-12	3/4"-14	2503-16-12	2500	13.30
1-5/16"-12	1"-11 1/2	2503-16-16	2000	14.10



union tees

Feature:

- reference SAE 070401

Male 37° Flare (3)	Zinc Plated Steel		
	Part #	PSI	Price/E
7/16"-20	2603-4	5000	\$4.75
9/16"-18	2603-6	5000	4.35
3/4"-16	2603-8	4500	7.10
7/8"-14	2603-10	3500	9.75
1-1/16"-12	2603-12	3500	13.35
1-5/16"-12	2603-16	3000	19.10



swivel branch tees

male 37° flare x female 37° swivel

Feature:

- reference SAE 070433

JIC 37° Male (2)	Female JIC 37° Swivel	Zinc Plated Steel		
		Part #	PSI	Price/E
7/16"-20	7/16"-20	6600-4	4500	\$5.70
9/16"-18	9/16"-18	6600-6	4000	5.90
3/4"-16	3/4"-16	6600-8	4000	7.85
1 1/16"-12	1 1/16"-12	6600-12	3000	15.85
1 5/16"-12	1 5/16"-12	6600-16	2500	25.85



male 37° flare x female 37° swivel run tees

Feature:

- reference SAE 070432

Male 37° Flare (2)	Female 37° Swivel	Zinc Plated Steel		
		Part #	PSI	Price/E
7/16"-20	7/16"-20	6602-4	4500	\$5.95
9/16"-18	9/16"-18	6602-6	4000	6.45
3/4"-16	3/4"-16	6602-8	4000	8.75
7/8"-14	7/8"-14	6602-10	3000	12.80
1-1/16"-12	1-1/16"-12	6602-12	3000	15.30
1-5/16"-12	1-5/16"-12	6602-16	2500	26.15
1-5/8"-12	1-5/8"-12	6602-20	2000	54.65



male 37° flare x male NPTF branch tees

Feature:

- reference SAE070425

Male 37° Flare (2)	Male NPTF	Zinc Plated Steel		
		Part #	PSI	Price/E
7/16"-20	1/4"-18	2601-4-4-4	5000	\$5.40
9/16"-18	1/4"-18	2601-6-6-4	5000	4.75
9/16"-18	3/8"-18	2601-6-6-6	4000	7.10
3/4"-16	1/2"-14	2601-8-8-8	3000	8.55
7/8"-14	1/2"-14	2601-10-10-8	3000	9.70
1-1/16"-12	3/4"-14	2601-12-12-12	2500	13.40
1-5/16"-12	1"-11 1/2	2601-16-16-16	2000	21.45



JIC Fittings

JIC caps

Feature:

- reference SAE 070112

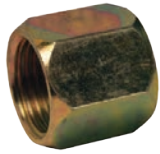


JIC Female	Tube OD	Zinc Plated Steel		
		Part #	PSI	Price/E
5/16"-24	1/8"	0304C-2	5000	\$1.55
7/16"-20	1/4"	0304C-4	5000	0.85
9/16"-18	3/8"	0304C-6	5000	0.95
3/4"-16	1/2"	0304C-8	4500	1.35
7/8"-14	5/8"	0304C-10	3500	1.65
1-1/16"-12	3/4"	0304C-12	3500	2.45
1-5/16"-12	1"	0304C-16	3000	3.55
1-5/8"-12	1 1/4"	0304C-20	2500	7.10
1-7/8"-12	1 1/2"	0304C-24	2000	15.85
2-1/2"-12	2"	0304C-32	1500	24.10

tube nuts

Feature:

- reference SAE 070110



Female JIC 37°	Tube OD	Zinc Plated Steel		
		Part #	PSI	Price/E
7/16"-20	1/4"	0318-4	5000	\$0.85
9/16"-18	3/8"	0318-6	5000	1.05
3/4"-16	1/2"	0318-8	4500	1.55
7/8"-14	5/8"	0318-10	3500	1.90
1-1/16"-12	3/4"	0318-12	3500	2.55
1-5/16"-12	1"	0318-16	3000	3.45

JIC screw thread plugs

Feature:

- reference SAE 070109



Male JIC Size	Zinc Plated Steel		
	Part #	PSI	Price/E
5/16"-24	1254-02H	5000	\$1.55
7/16"-20	1254-04H	5000	1.15
9/16"-18	1254-06H	5000	1.20
3/4"-16	1254-08H	4500	1.40
7/8"-14	1254-10H	3500	2.75
1-1/16"-12	1254-12H	3500	2.85
1-5/16"-12	1254-16H	3000	4.00
1-5/8"-12	1254-20H	2500	6.80

tube sleeves

Feature:

- reference SAE 070115



Female JIC 37°	Zinc Plated Steel		
	Part #	PSI	Price/E
7/16"-20	0319-4	5000	\$0.55
9/16"-18	0319-6	5000	0.70
3/4"-16	0319-8	4500	0.80
7/8"-14	0319-10	3500	1.05
1-1/16"-12	0319-12	3500	1.35
1-5/16"-12	0319-16	3000	2.45

bulkhead union with lock nut

Feature:

- reference SAE 070601



Male 37° Flare	Zinc Plated Steel		
	Part #	PSI	Price/E
7/16"-20	2700LN-4	5000	\$3.40
9/16"-18	2700LN-6	5000	3.70
3/4"-16	2700LN-8	4500	5.65
7/8"-14	2700LN-10	3500	7.45
1-1/16"-12	2700LN-12	3500	9.60
1-5/16"-12	2700LN-16	3000	13.65

JIC Fittings

90° bulkhead elbow with lock nut

Feature:

- reference SAE 070701

Male 37° Flare	Zinc Plated Steel		
	Part #	PSI	Price/E
7/16"-20	2701LN-4	5000	\$4.50
9/16"-18	2701LN-6	5000	5.35
3/4"-16	2701LN-8	4500	8.80
7/8"-14	2701LN-10	3500	12.45
1-1/16"-12	2701LN-12	3500	13.85
1-5/16"-12	2701LN-16	3000	19.65



bulkhead lock nuts

Feature:

- reference SAE 070118

Female JIC Bulkhead	Tube OD	Zinc Plated Steel		
		Part #	PSI	Price/E
7/16"-20	1/4"	0306-4	5000	\$0.55
9/16"-18	3/8"	0306-6	5000	0.60
3/4"-16	1/2"	0306-8	4500	0.85
7/8"-14	5/8"	0306-10	3500	0.95
1-1/16"-12	3/4"	0306-12	3500	1.45
1-5/16"-12	1"	0306-16	3000	2.05



NPTF Fittings

male NPTF hex pipe nipples

Feature:

- reference SAE 140137



Male NPTF	Male NPTF	Zinc Plated Steel		
		Part #	PSI	Price/E
1/8"-27	1/8"-27	5404-2	5000	\$1.15
1/4"-18	1/4"-18	5404-4	5000	1.35
3/8"-18	3/8"-18	5404-6	4000	2.00
3/8"-18	1/4"-18	5404-6-4	4000	1.90
1/2"-14	1/2"-14	5404-8	3000	2.60
1/2"-14	3/8"-18	5404-8-6	3000	2.50
3/4"-14	3/4"-14	5404-12	2500	4.05
3/4"-14	1/2"-14	5404-12-8	2500	3.80
1"-11 1/2	1"-11 1/2	5404-16	2000	6.35
1"-11 1/2	3/4"-14	5404-16-12	2000	6.00
1 1/4"-11 1/2	1 1/4"-11 1/2	5404-20	1150	14.10

male NPTF x female NPTF hex reducer bushings

Feature:

- reference SAE 140140



Male NPTF	Female NPTF	Zinc Plated Steel		
		Part #	PSI	Price/E
1/4"-18	1/8"-27	5406-4-2	5000	\$1.45
3/8"-18	1/8"-27	5406-6-2	4000	1.60
3/8"-18	1/4"-18	5406-6-4	4000	1.60
1/2"-14	1/8"-27	5406-8-2	3000	2.60
1/2"-14	1/4"-18	5406-8-4	3000	2.55
1/2"-14	3/8"-18	5406-8-6	3000	2.55
3/4"-14	1/8"-27	5406-12-2	2500	4.35
3/4"-14	1/4"-18	5406-12-4	2500	4.20
3/4"-14	3/8"-18	5406-12-6	2500	3.85
3/4"-14	1/2"-14	5406-12-8	2500	3.85
1"-11 1/2	1/4"-18	5406-16-4	2000	7.50
1"-11 1/2	3/8"-18	5406-16-6	2000	7.50
1"-11 1/2	1/2"-14	5406-16-8	2000	7.25
1"-11 1/2	3/4"-14	5406-16-12	2000	7.25
1 1/4"-11 1/2	3/8"-18	5406-20-6	1150	14.75
1 1/4"-11 1/2	1/2"-14	5406-20-8	1150	14.75
1 1/4"-11 1/2	3/4"-14	5406-20-12	1150	14.75
1 1/4"-11 1/2	1"-11 1/2	5406-20-16	1150	13.90
1 1/2"-11 1/2	1/2"-14	5406-24-8	1000	21.05
1 1/2"-11 1/2	3/4"-14	5406-24-12	1000	16.80
1 1/2"-11 1/2	1"-11 1/2	5406-24-16	1000	16.80
1 1/2"-11 1/2	1 1/4"-11 1/2	5406-24-20	1000	18.10
2"-11 1/2"	1/2"-14	5406-32-8	1000	66.25
2"-11 1/2"	3/4"-14	5406-32-12	1000	37.35
2"-11 1/2"	1"-11 1/2	5406-32-16	1000	37.35
2"-11 1/2"	1 1/4"-11 1/2	5406-32-20	1000	37.35
2"-11 1/2"	1 1/2"-11 1/2	5406-32-24	1000	37.35

NPTF Fittings

Features:

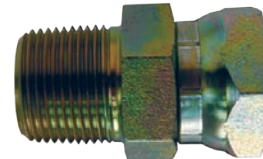
- compact design provides ease of assembly in confining areas
- designed to prevent hose stress due to twisting during assembly
- female NPSM swivel seals on a 30° seat
- male NPTF must have a 30° chamfer to seal

male NPTF x female NPSM swivel nut

Feature:

- reference SAE 140130

Male NPTF	Female NPSM Swivel	Zinc Plated Steel		
		Part #	PSI	Price/E
1/8"-27	1/8"-27	1404-2-2	5000	\$2.55
1/8"-27	1/4"-18	1404-2-4	4500	3.10
1/4"-18	1/4"-18	1404-4-4	4500	2.90
1/4"-18	3/8"-18	1404-4-6	4000	3.85
3/8"-18	1/4"-18	1404-6-4	4000	3.90
3/8"-18	3/8"-18	1404-6-6	4000	3.80
3/8"-18	1/2"-14	1404-6-8	4000	5.10
1/2"-14	3/8"-18	1404-8-6	3000	4.90
1/2"-14	1/2"-14	1404-8-8	3000	4.75
1/2"-14	3/4"-14	1404-8-12	3000	9.30
3/4"-14	1/2"-14	1404-12-8	2500	8.80
3/4"-14	3/4"-14	1404-12-12	2500	8.55
1"-11 1/2	1"-11 1/2	1404-16-16	2000	11.55
1 1/4"-11 1/2	1 1/4"-11 1/2	1404-20-20	1150	23.95
1 1/2"-11 1/2	1 1/2"-11 1/2	1404-24-24	1000	38.25
2"-11 1/2	2"-11 1/2	1404-32-32	1000	54.15



female NPTF hex pipe couplings

Feature:

- reference SAE 140138

Female NPTF	Female NPTF	Zinc Plated Steel		
		Part #	PSI	Price/E
1/8"-27	1/8"-27	5000-2	5000	\$1.60
1/4"-18	1/4"-18	5000-4	5000	2.00
3/8"-18	1/4"-18	5000-6-4	4000	2.65
3/8"-18	3/8"-18	5000-6	4000	2.45
1/2"-14	3/8"-18	5000-8-6	3000	3.70
1/2"-14	1/2"-14	5000-8	3000	3.40
3/4"-14	3/4"-14	5000-12	2500	4.45
1"-11 1/2	3/4"-14	5000-16-12	2000	9.30
1"-11 1/2	1"-11 1/2	5000-16	2000	8.75
1 1/4"-11 1/2	1 1/4"-11 1/2	5000-20	1150	20.70



female NPTF x female NPSM swivel nut

Feature:

- reference SAE 140131

Female NPTF	Female NPSM Swivel	Zinc Plated Steel		
		Part #	PSI	Price/E
1/8"-27	1/8"-27	1405-2-2	5000	\$3.55
1/4"-18	1/4"-18	1405-4-4	4500	3.75
3/8"-18	1/4"-18	1405-6-4	4000	5.00
3/8"-18	3/8"-18	1405-6-6	4000	5.55
3/8"-18	1/2"-14	1405-6-8	4000	6.10
1/2"-14	1/2"-14	1405-8-8	3000	5.95
3/4"-14	1/2"-14	1405-12-8	2500	8.05
3/4"-14	3/4"-14	1405-12-12	2500	10.55
1"-11 1/2	1"-11 1/2	1405-16-16	2000	16.40
1 1/4"-11 1/2	1 1/4"-11 1/2	1405-20-20	1150	27.10
1 1/2"-11 1/2	1 1/2"-11 1/2	1405-24-24	1000	27.50
2"-11 1/2	2"-11 1/2	1405-32-32	1000	72.25



Feature:

- reference SAE 140237

90° male pipe elbows

Male NPTF	Male NPTF	Zinc Plated Steel		
		Part #	PSI	Price/E
1/4"-18	1/4"-18	5500-4	5000	\$3.45
3/8"-18	3/8"-18	5500-6	4000	4.25
1/2"-14	1/2"-14	5500-8	3000	6.05
3/4"-14	3/4"-14	5500-12	2500	10.00
1"-11 1/2	1"-11 1/2	5500-16	2000	12.55



NPTF Fittings

male NPTF x female NPTF 90° street elbows

Feature:

- reference 140239



Male NPTF	Female NPTF	Zinc Plated Steel		
		Part #	PSI	Price/E
1/4"-18	1/4"-18	5502-4	5000	\$5.55
3/8"-18	3/8"-18	5502-6	4000	6.45
1/2"-14	1/2"-14	5502-8	3000	7.35
3/4"-14	3/4"-14	5502-12	2500	10.35
1"-11 1/2	1"-11 1/2	5502-16	2000	16.70
1 1/4"-11 1/2	1 1/4"-11 1/2	5502-20	1150	23.70

90° male NPTF x female NPSM swivel nut

Feature:

- reference SAE 140230



Male NPTF	Female NPSM Swivel	Zinc Plated Steel		
		Part #	PSI	Price/E
1/8"-27	1/8"-27	1501-2-2	5000	\$4.00
1/4"-18	1/4"-18	1501-4-4	4500	4.45
1/4"-18	3/8"-18	1501-4-6	4000	6.20
3/8"-18	1/4"-18	1501-6-4	4000	6.45
3/8"-18	3/8"-18	1501-6-6	4000	6.70
3/8"-18	1/2"-14	1501-6-8	4000	7.45
1/2"-14	3/8"-18	1501-8-6	3000	6.85
1/2"-14	1/2"-14	1501-8-8	3000	8.25
1/2"-14	3/4"-14	1501-8-12	3000	11.85
3/4"-14	1/2"-14	1501-12-8	2500	12.00
3/4"-14	3/4"-14	1501-12-12	2500	13.85
3/4"-14	1"-11 1/2	1501-12-16	2000	21.20
1"-11 1/2	3/4"-14	1501-16-12	2000	20.80
1"-11 1/2	1"-11 1/2	1501-16-16	2000	18.20
1"-11 1/2	1 1/4"-11 1/2	1501-16-20	1150	37.60
1 1/4"-11 1/2	1 1/4"-11 1/2	1501-20-20	1150	34.15

90° female pipe elbows

Feature:

- reference SAE 140237



Female NPTF	Female NPTF	Zinc Plated Steel		
		Part #	PSI	Price/E
1/8"-27	1/8"-27	5504-2	5000	\$3.45
1/4"-18	1/4"-18	5504-4	5000	3.15
3/8"-18	3/8"-18	5504-6	4000	4.75
1/2"-14	1/2"-14	5504-8	3000	7.80
3/4"-14	3/4"-14	5504-12	2500	11.50
1"-11 1/2	1"-11 1/2	5504-16	2000	18.65

90° female NPTF x female NPSM swivel nut

Feature:

- reference SAE 140251



Female NPTF	Female NPSM Swivel	Zinc Plated Steel		
		Part #	PSI	Price/E
1/4"-18	1/4"-18	1502-4-4	4500	\$6.30
3/8"-18	3/8"-18	1502-6-6	4000	7.45
1/2"-14	1/2"-14	1502-8-8	3000	10.35
3/4"-14	3/4"-14	1502-12-12	2500	12.45
1"-11 1/2	1"-11 1/2	1502-16-16	2000	21.55

45° male NPTF x female NPSM swivel nut

Feature:

- reference SAE 140330



Male NPTF	Female NPSM Swivel	Zinc Plated Steel		
		Part #	PSI	Price/E
1/4"-18	1/4"-18	1503-4-4	4500	\$4.50
3/8"-18	3/8"-18	1503-6-6	4000	6.50
1/2"-14	1/2"-14	1503-8-8	3000	8.65
3/4"-14	3/4"-14	1503-12-12	2500	10.80
1"-11 1/2	1"-11 1/2	1503-16-16	2000	16.85

NPTF Fittings

male pipe tees

Feature:

- reference SAE 140437

Male NPTF (3)	Zinc Plated Steel		
	Part #	PSI	Price/E
1/4"-18	5600-4	5000	\$5.90
3/8"-18	5600-6	4000	10.45
1/2"-14	5600-8	3000	12.95
3/4"-14	5600-12	2500	16.20
1"-11 1/2	5600-16	2000	23.50



pipe tees

Feature:

- reference SAE 140427

Male NPTF (2)	Female NPTF	Zinc Plated Steel		
		Part #	PSI	Price/E
1/4"-18	1/4"-18	5601-4	5000	\$8.30
3/8"-18	3/8"-18	5601-6	4000	10.20
1/2"-14	1/2"-14	5601-8	3000	12.70
3/4"-14	3/4"-14	5601-12	2500	20.55
1"-11 1/2	1"-11 1/2	5601-16	2000	32.05



branch tees

Feature:

- reference SAE 140425

Female NPTF (2)	Male NPTF	Zinc Plated Steel		
		Part #	PSI	Price/E
1/4"-18	1/4"-18	5604-4	5000	\$7.00
3/8"-18	3/8"-18	5604-6	4000	9.95
1/2"-14	1/2"-14	5604-8	3000	13.55
3/4"-14	3/4"-14	5604-12	2500	18.60
1"-11 1/2	1"-11 1/2	5604-16	2000	29.95



female NPTF pipe tees

Feature:

- reference 140438

Female NPTF (3)	Zinc Plated Steel		
	Part #	PSI	Price/E
1/4"-18	5605-4	5000	\$8.45
3/8"-18	5605-6	4000	10.35
1/2"-14	5605-8	3000	11.60
3/4"-14	5605-12	2500	17.30
1"-11 1/2	5605-16	2000	27.45



male NPTF x female NPTF run tees

Feature:

- reference 140424

Male NPTF	Female NPTF (2)	Zinc Plated Steel		
		Part #	PSI	Price/E
1/8"-27	1/8"-27	5602-2	5000	\$4.60
1/4"-18	1/4"-18	5602-4	5000	5.70
3/8"-18	3/8"-18	5602-6	4000	10.35
1/2"-14	1/2"-14	5602-8	3000	13.50
3/4"-14	3/4"-14	5602-12	2500	16.95
1"-11 1/2	1"-11 1/2	5602-16	2000	30.25
1-1/4"-11 1/2	1-1/4"-11 1/2	5602-20	1150	44.85
1-1/2"-11 1/2	1-1/2"-11 1/2	5602-24	1000	279.95



NPTF Fittings

female NPTF hex caps



Female NPTF	Zinc Plated Steel		
	Part #	PSI	Price/E
1/8"-27	5406C-2	5000	\$1.45
1/4"-18	5406C-4	5000	1.85
3/8"-18	5406C-6	4000	2.65
1/2"-14	5406C-8	3000	4.20
3/4"-14	5406C-12	2500	6.35
1"-11½	5406C-16	2000	9.65
1¼"-11½	5406C-20	1150	49.15
1½"-11½	5406C-24	1000	66.60

male NPT hex plug

Feature:

- reference SAE 130109C



Male NPT	Zinc Plated Steel		
	Part #	PSI	Price/E
1/8"-27	1251-02H	5000	\$0.50
1/4"-18	1251-04H	5000	0.85
3/8"-18	1251-06H	4000	1.50
1/2"-14	1251-08H	3000	2.45
3/4"-14	1251-12H	2500	3.80
1"-11½	1251-16H	2000	7.05
1¼"-11½	1251-20H	1150	8.30

Metric Fittings

male 37° flare x male metric parallel thread



Male JIC 37°	Male Metric Parallel	Zinc Plated Steel	
		Part #	Price/E
7/16"-20	M10X1.0	M7400-4-10	\$3.50
7/16"-20	M12X1.5	M7400-4-12	3.65
9/16"-18	M14X1.5	M7400-6-14	3.85
9/16"-18	M16X1.5	M7400-6-16	4.30
3/4"-16	M16X1.5	M7400-8-16	4.45
3/4"-16	M18X1.5	M7400-8-18	5.65
1-1/16"-12	M22X1.5	M7400-12-22	6.45
1-1/16"-12	M27X2.0	M7400-12-27	7.85
1-5/16"-12	M33X2.0	M7400-16-33	11.80

female NPTF pipe x male metric parallel thread



Female NPTF	Male Metric Parallel	Zinc Plated Steel	
		Part #	Price/E
1/4"-18	M12X1.5	M7455-4-12	\$3.85
1/4"-18	M14X1.5	M7455-4-14	4.00
3/8"-18	M16X1.5	M7455-6-16	4.30
3/8"-18	M18X1.5	M7455-6-18	5.65
1/2"-14	M16X1.5	M7455-8-16	7.15
1/2"-14	M18X1.5	M7455-8-18	7.15
1/2"-14	M22X1.5	M7455-8-22	7.50
3/4"-14	M27X2.0	M7455-12-27	11.25
1"-11½	M33X2.0	M7455-16-33	12.50

BSPF Fittings

male 37° flare x male BSPP

Male JIC 37°	Male BSPP	Zinc Plated Steel		
		Part #	PSI	Price/E
7/16"-20	1/4"-19	B3800-4-4	5000	\$3.30
9/16"-18	3/8"-19	B3800-6-6	4000	3.60
3/4"-16	1/2"-14	B3800-8-8	3000	4.90
1-1/16"-12	3/4"-14	B3800-12-12	2500	9.05
1-5/16"-12	1"-11	B3800-16-16	2000	10.60



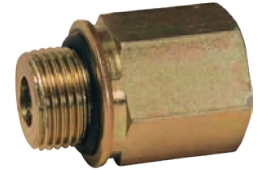
male NPTF pipe x male BSPP

Male NPTF	Male BSPP	Zinc Plated Steel		
		Part #	PSI	Price/E
1/4"-18	1/4"-19	B3401-4-4	5000	\$3.30
3/8"-18	3/8"-19	B3401-6-6	4000	3.70
1/2"-14	1/2"-14	B3401-8-8	3000	4.60
3/4"-14	3/4"-14	B3401-12-12	2500	7.80
1"-11 1/2	1"-11	B3401-16-16	2000	11.60



female NPTF pipe x male BSPP

Female NPTF	Male BSPP	Zinc Plated Steel		
		Part #	PSI	Price/E
1/4"-18	1/4"-19	B3455-4-4	5000	\$3.85
3/8"-18	3/8"-19	B3455-6-6	4000	4.30
1/2"-14	1/2"-14	B3455-8-8	3000	7.15
3/4"-14	3/4"-14	B3455-12-12	2500	10.60
1"-11 1/2	1"-11	B3455-16-16	2000	13.30



male 37° flare x male BSPP 90° Elbow

Male JIC 37°	Male BSPP	Zinc Plated Steel		
		Part #	PSI	Price/E
7/16"-20	1/4"-19	B3801-4-4	5000	\$6.80
9/16"-18	3/8"-19	B3801-6-6	4000	8.15
3/4"-16	1/2"-14	B3801-8-8	3000	11.80
1-1/16"-12	3/4"-14	B3801-12-12	2500	19.40
1-5/16"-12	1"-11	B3801-16-16	2000	32.50



bonded doughy seal for British Thread

Size	Plated Carbon Steel with Buna O-ring	
	Part #	Price/E
1/4"	BDS04	\$1.25
3/8"	BDS06	1.50
1/2"	BDS08	1.80
3/4"	BDS12	2.30
1"	BDS16	3.50



Flareless Bite Fittings

Applications:

- chemical, pulp and paper, oil and gas refineries, military, air compressors and machine tools
- well-suited for a variety of processing and general hydraulic applications

Features:

- Ideally suited for use with tubing having medium to extra heavy wall thicknesses.
- 3 piece design, with only one ferrule eliminates possible make-up errors that may occur using a twin ferrule tube fitting.
- Minimal risk of improper assembly as the ferrule visibly bites into the tubing, allowing installer to visually inspect the bite quality.
- fittings are suitable for sub-zero through elevated temperature applications
- temperature rating is limited by the material chosen
- pressure ratings are determined by the size (OD) and wall thickness (inches/mm) of the tubing on which they are to be installed

Specifications:

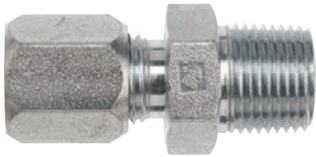
- exceeds Military (MIL F18866) and SAE J514 standards

Assembly Instructions:

- cut, de-burr and clean tubing
- pre-set ferrule onto tubing
- inspect ferrule bite in tubing by disassembling the fitting and visually inspecting the de-burred end of tube for slight indentation
- finger tighten nut and then further wrench tighten nut another 1/3 to 1/2 turn

Male Tube x Male NPTF Adapters

Tube OD	Male NPTF	Steel	
		Part #	Price/E
1/8"	1/8"	FLC2404-02	\$7.85
1/8"	1/4"	FLC2404-02-04	7.75
3/16"	1/8"	FLC2404-03-02	8.40
1/4"	1/8"	FLC2404-04-02	5.75
1/4"	1/4"	FLC2404-04	7.45
1/4"	3/8"	FLC2404-04-06	8.75
1/4"	1/2"	FLC2404-04-08	10.10
5/16"	1/8"	FLC2404-05-02	9.25
5/16"	1/4"	FLC2404-05-04	10.65
3/8"	1/8"	FLC2404-06-02	12.10
3/8"	1/4"	FLC2404-06-04	7.70
3/8"	3/8"	FLC2404-06	9.60
3/8"	1/2"	FLC2404-06-08	9.50
1/2"	1/4"	FLC2404-08-04	11.30
1/2"	3/8"	FLC2404-08-06	10.80
1/2"	1/2"	FLC2404-08	9.45
1/2"	3/4"	FLC2404-08-12	17.10
5/8"	3/8"	FLC2404-10-06	12.85
5/8"	1/2"	FLC2404-10-08	12.50
5/8"	3/4"	FLC2404-10-12	33.50
3/4"	1/2"	FLC2404-12-08	19.50
3/4"	3/4"	FLC2404-12	18.25
3/4"	1"	FLC2404-12-16	34.45
1"	3/4"	FLC2404-16-12	32.75
1"	1"	FLC2404-16	29.95
1"	1 1/4"	FLC2404-16-20	45.80
1-1/4"	3/4"	FLC2404-20-12	169.65
1-1/4"	1 1/4"	FLC2404-20	65.00
1-1/2"	1 1/2"	FLC2404-24	72.95



Male Tube x Male 37° JIC

Tube OD	Male 37° JIC	Steel	
		Part #	Price/E
1/4"	1/4"	FLC2402-04-04	\$21.10
3/8"	3/8"	FLC2402-06-06	24.10
1/2"	1/2"	FLC2402-08-08	36.55
3/4"	3/4"	FLC2402-12-12	68.20



Flareless Bite Fittings

Male Tube x Female NPTF Adapters

Tube OD	Female NPTF	Steel	
		Part #	Price/E
1/8"	1/8"	FLC2405-02	\$14.55
1/4"	1/8"	FLC2405-04-02	7.25
1/4"	1/4"	FLC2405-04	7.55
5/16"	1/8"	FLC2405-05-02	11.95
3/8"	1/4"	FLC2405-06-04	9.00
3/8"	3/8"	FLC2405-06	10.20
1/2"	1/4"	FLC2405-08-04	12.95
1/2"	3/8"	FLC2405-08-06	13.05
1/2"	1/2"	FLC2405-08	13.05
5/8"	1/2"	FLC2405-10-08	13.55
3/4"	3/4"	FLC2405-12	21.55
1"	1"	FLC2405-16	32.65
1-1/4"	1 1/4"	FLC2405-20	83.35



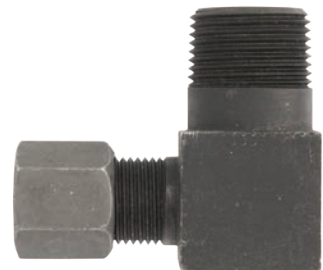
Tube Unions

Tube OD	Steel	
	Part #	Price/E
1/8"	FLC2403-02	\$18.15
3/16"	FLC2403-03	13.25
1/4"	FLC2403-04	9.70
5/16"	FLC2403-05	28.45
3/8"	FLC2403-06	12.50
1/2"	FLC2403-08	16.55
5/8"	FLC2403-10	21.15
3/4"	FLC2403-12	29.85
1"	FLC2403-16	46.40
1-1/4"	FLC2403-20	76.00
1-1/2"	FLC2403-24	159.10



Male Tube x Male NPTF Adapter 90° Elbows

Tube OD	Male NPTF	Steel	
		Part #	Price/E
1/8"	1/8"	FLC2501-02	\$11.45
3/16"	1/8"	FLC2501-03-02	13.15
1/4"	1/8"	FLC2501-04-02	7.60
1/4"	1/4"	FLC2501-04	10.60
1/4"	3/8"	FLC2501-04-06	13.50
5/16"	1/8"	FLC2501-05-02	17.85
5/16"	1/4"	FLC2501-05-04	11.65
3/8"	1/8"	FLC2501-06-02	15.65
3/8"	1/4"	FLC2501-06-04	10.25
3/8"	3/8"	FLC2501-06	14.05
3/8"	1/2"	FLC2501-06-08	17.25
1/2"	1/4"	FLC2501-08-04	14.30
1/2"	3/8"	FLC2501-08-06	14.50
1/2"	1/2"	FLC2501-08	20.70
1/2"	3/4"	FLC2501-08-12	44.00
5/8"	3/8"	FLC2501-10-06	27.15
5/8"	1/2"	FLC2501-10-08	18.80
3/4"	1/2"	FLC2501-12-08	54.50
3/4"	3/4"	FLC2501-12	27.00
1"	3/4"	FLC2501-16-12	48.35
1"	1"	FLC2501-16	43.60
1 1/4"	1 1/4"	FLC2501-20	84.00
1 1/2"	1 1/2"	FLC2501-24	128.65



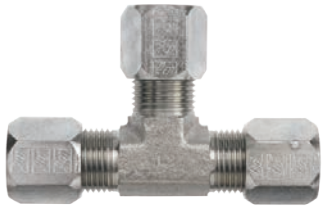
Flareless Bite Fittings

Male Union 90° Elbows



Tube OD	Steel	
	Part #	Price/E
1/4"	<i>FLC2500-04</i>	\$10.80
5/16"	<i>FLC2500-05</i>	22.95
3/8"	<i>FLC2500-06</i>	13.70
1/2"	<i>FLC2500-08</i>	17.70
5/8"	<i>FLC2500-10</i>	25.20
3/4"	<i>FLC2500-12</i>	36.35
1"	<i>FLC2500-16</i>	59.45
1-1/4"	<i>FLC2500-20</i>	201.10

Male Tube Union Tees



Tube OD	Steel	
	Part #	Price/E
1/8"	<i>FLC2603-02</i>	\$16.55
3/16"	<i>FLC2603-03</i>	31.65
1/4"	<i>FLC2603-04</i>	20.40
5/16"	<i>FLC2603-05</i>	26.55
3/8"	<i>FLC2603-06</i>	22.05
1/2"	<i>FLC2603-08</i>	30.15
5/8"	<i>FLC2603-10</i>	44.70
3/4"	<i>FLC2603-12</i>	55.00
1"	<i>FLC2603-16</i>	87.65
1-1/4"	<i>FLC2603-20</i>	240.95

Ferrules



Tube OD	Steel	
	Part #	Price/E
1/8"	<i>FLC0319-02</i>	\$2.35
3/16"	<i>FLC0319-03</i>	3.65
1/4"	<i>FLC0319-04</i>	1.80
5/16"	<i>FLC0319-05</i>	5.75
3/8"	<i>FLC0319-06</i>	2.10
1/2"	<i>FLC0319-08</i>	2.70
5/8"	<i>FLC0319-10</i>	3.55
3/4"	<i>FLC0319-12</i>	4.90
1"	<i>FLC0319-16</i>	7.75
1-1/4"	<i>FLC0319-20</i>	18.15
1-1/2"	<i>FLC0319-24</i>	25.85

Nuts



Tube OD	Steel	
	Part #	Price/E
1/8"	<i>FLC0318-02</i>	\$2.05
3/16"	<i>FLC0318-03</i>	1.55
1/4"	<i>FLC0318-04</i>	1.75
5/16"	<i>FLC0318-05</i>	3.15
3/8"	<i>FLC0318-06</i>	1.45
1/2"	<i>FLC0318-08</i>	2.25
5/8"	<i>FLC0318-10</i>	3.75
3/4"	<i>FLC0318-12</i>	4.95
1"	<i>FLC0318-16</i>	9.15
1-1/4"	<i>FLC0318-20</i>	14.60
1-1/2"	<i>FLC0318-24</i>	22.85

Steel Flow Control Valves Series F

Features:

- Two-step needle provides fine adjustments at low flow with the first three turns of the adjusting knob. The next three turns give full-open needle position and conventional throttling control. When flow is reversed, a heavy-duty poppet/retainer permits full-flow return capacity.
- color-coded reference scale simplifies flow setting, resetting, adjusting and return to original flow, a simple set screw locks the valve on any desired setting.
- maximum operating pressure: **5000 PSI** at 70°F for 1/8" - 1/2", **3000 PSI** at 70°F for 3/4" - 2"
- also available in brass, see page 160

Female NPTF	Part #	Price/E
	<i>Black Oxide Steel</i>	
1/8"	SFC200	\$78.85
1/4"	SFC400	82.00
3/8"	SFC600	103.00
1/2"	SFC800	138.75
3/4"	SFC1200	197.60
1"	SFC1600	599.10
1 1/2"	SFC2400	2091.50
2"	SFC3200	4151.45



Series PF

Features:

- recommended for use in non-shock applications
- ball type check meters the flow of hydraulic oil in one direction and allows for free flow in the reverse direction
- maximum operating pressure: **5000 PSI** at 70°F, cracking pressure: **5 PSI**
- also available in brass, see page 160

Female NPTF	Part #	Price/E
	<i>Zinc Plated Steel with a dichromate seal</i>	
1/4"	SPF400	\$64.40
3/8"	SPF600	85.15
1/2"	SPF800	107.55



Series N

Features:

- excellent speed control on hydraulic systems where a reverse flow check valve is not needed
- reliable shutoff in a very small envelope; color-coded reference scale simplifies setting, resetting, adjusting and quick return to a previous speed setting
- maximum operating pressure: **5000 PSI** at 70°F for 1/8" - 3/4", **3000 PSI** at 70°F for 1" - 1 1/4"
- also available in brass, see page 160

Female NPTF	Part #	Price/E
	<i>Steel</i>	
1/8"	SN200	\$86.05
1/4"	SN400	85.15
3/8"	SN600	104.05
1/2"	SN800	133.50
3/4"	SN1200	187.90
1"	SN1600	1001.60
1 1/4"	SN2000	1387.35



Series MV

Features:

- easily make fine adjustments and resets with color code feature that shows when desired setting is reached
- body components are precision-turned from solid barstock
- 416 stainless steel needle
- maximum operating pressure: **5000 PSI** at 70°F

Female NPTF	Part #	Price/E
	<i>Steel</i>	
1/4"	SMV400	\$90.40
3/8"	SMV600	178.70
1/2"	SMV800	224.95



Series C Check Valves

Features:

- provides free flow in one direction and dependable shutoff in the opposite direction
- maximum operating pressure: **5000 PSI** at 70°F, cracking pressure: **5 PSI**
- also available in brass, see page 160

Female NPTF	Free Flow GPM	Part #	Price/E
		<i>Steel</i>	
1/8"	3	SCV200	\$63.10
1/4"	5	SCV400	63.60
3/8"	8	SCV600	75.45
1/2"	15	SCV800	84.65



High Pressure Full-Bore Ball Valves

Features:

- blow-out proof stem
- rugged construction
- FKM/FPM seals
- POM (Polyacetal) ball seats



female NPT x female NPT

Size	PSI	Carbon Steel				PSI	316 Stainless Steel	
		NPTF Part #	Price/E	SAE Part #	Price/E		NPTF Part #	Price/E
1/4"	7350	HPBV25	\$63.90	HPBV25SAE	\$71.65	5880	HPBV25SS	\$427.50
3/8"	7350	HPBV38	67.80	HPBV38SAE	80.70	5880	HPBV38SS	497.50
1/2"	7350	HPBV12	73.70	HPBV12SAE	87.10	5880	HPBV12SS	595.00
3/4"	6000	HPBV34	145.05	HPBV34SAE	162.20	5145	HPBV34SS	1027.90
1"	6000	HPBV10	173.10	HPBV10SAE	190.00	5145	HPBV10SS	1212.80
1 1/4"	6000	HPBV125	452.90	HPBV125SAE	490.20	---	---	---
1 1/2"	6000	HPBV150	548.90	HPBV150SAE	583.00	---	---	---
2"	6000	HPBV200	831.00	HPBV200SAE	870.00	---	---	---



High Pressure Full-Bore 3-Way Ball Valves

Features:

- temperature range: -20°F to 215° F
- rugged construction
- FKM seals
- POM (polyacetal) ball seats
- black oxide coating
- nickel plated ball



female NPT x female NPT x female NPT

Size	PSI	Carbon Steel	
		NPTF Part #	Price/E
1/2"	5145	HPBV12-3WAY	\$163.00
3/4"	5145	HPBV34-3WAY	204.00
1"	5145	HPBV10-3WAY	218.00



In-Line Hydraulic Filter

Features:

- provides protection for small, high pressure systems
- installs at the pressure side of a pump
- conically shaped bronze element positioned by a retaining spring to allow true, uninterrupted flow
- standard 25 micron bronze element can be easily cleaned or replaced
- temperature range: 35°F to 200°F
- maximum operating pressure: 3000 PSI



Female SAE	Overall Length	Diameter	Anodized Aluminum	
			Part #	Price/E
9/16" - 16	3/4"	1 1/2"	9152	\$58.00
3/4" - 16	3/4"	1 1/2"	9153	58.00

Mini Needle Valves

Features:

- available in a variety of materials and handle options
- FKM O-ring seal and PTFE back-up ring below the threads protects from corrosion and galling
- stem threads are rolled for strength and ease of operation
- metal-to-metal hard seat design is 100% helium leak tested to 1 x 10⁻⁴ ml/s at 200 PSI
- 1/8" and 1/4" are orifice size: 0.172", flow coefficient: 0.42
- 1/2": orifice size are 0.187", flow coefficient: 0.44, hex body
- all stems are 316 stainless steel

Male to Female

NPT Size	Handle Style	PSI at 200°F	Material	Part #	Price/E
1/8" - 27	knurled knob	6000	brass	MFB101	\$63.00
1/4" - 18	knurled knob	6000	brass	MFB102	63.00
1/8" - 27	T design	10000	zinc nickel plated steel	MFC101	48.50
1/4" - 18	T design	10000	zinc nickel plated steel	MFC102	48.50
1/2" - 14	T design	10000	zinc nickel plated steel	MFC404	65.75
1/8" - 27	T design	10000	316 stainless steel	MFS101	111.00
1/4" - 18	T design	10000	316 stainless steel	MFS102	111.00
1/2" - 14	T design	10000	316 stainless steel	MFS404	173.00



Female to Female

NPT Size	Handle Style	PSI at 200°F	Material	Part #	Price/E
1/8" - 27	knurled knob	6000	brass	FFB101	\$63.00
1/4" - 18	knurled knob	6000	brass	FFB102	63.00
1/8" - 27	T design	10000	zinc nickel plated steel	FFC101	48.50
1/4" - 18	T design	10000	zinc nickel plated steel	FFC102	46.75
1/2" - 14	T design	10000	zinc nickel plated steel	FFC404	65.75
1/8" - 27	T design	10000	316 stainless steel	FFS101	111.00
1/4" - 18	T design	10000	316 stainless steel	FFS102	111.00
1/2" - 14	T design	10000	316 stainless steel	FFS404	163.00



Multiport Needle Valves

Features:

- reduces the number of gauge and other instrument connections to permanent piping installations, decreasing possible leak paths
- FKM O-ring seal and PTFE back-up ring below the threads protects from corrosion and galling
- stem threads are rolled for strength and ease of operation
- metal-to-metal hard seat design is 100% helium leak tested to 1 x 10⁻⁴ ml/s at 200 PSI
- 1/2" female NPT port
- orifice size is 0.187", flow coefficient: 0.44
- all stems are 316 stainless steel



Hard Seat Male to Female

NPT Size	Handle Style	PSI at 200°F	Material	Part #	Price/E
1/2" - 14	T design	10000	zinc nickel plated steel	MFC204	\$195.00
3/4" - 14	T design	10000	zinc nickel plated steel	MFC20604	195.00
1/2" - 14	T design	10000	316 stainless steel	MFS204	396.00
3/4" - 14	T design	10000	316 stainless steel	MFS20604	396.00



Soft Seat Male to Female

NPT Size	Handle Style	PSI at 200°F	Material	Part #	Price/E
1/2" - 14	T design	6000	zinc nickel plated steel	MFC304	\$396.00
3/4" - 14	T design	6000	zinc nickel plated steel	MFC30604	396.00
1/2" - 14	T design	6000	316 stainless steel	MFS304	396.00
3/4" - 14	T design	6000	316 stainless steel	MFS30604	396.00



NEW

Block and Bleed Needle Valves

Features:

- allows pressure to be bled off without disturbing the permanent piping installation allowing quick and easy removal or replacement of instruments
- FKM O-ring seal and PTFE back-up ring below the threads protects from corrosion and galling
- stem threads are rolled for strength and ease of operation
- metal-to-metal hard seat design is 100% helium leak tested to 1×10^{-4} ml/s at 200 PSI
- orifice size is 0.187", flow coefficient: 0.44
- all stems are 316 stainless steel
- 0.090" bleed hole located on bottom is controlled by a 1/4"-20 UNF-2A bleed screw



Hard Seat Male to Female

NPT Size	Handle Style	PSI at 200°F	Material	Part #	Price/E
1/4" - 18	T design	10000	<i>zinc nickel plated steel</i>	MFC602	\$122.00
1/2" - 14	T design	10000	<i>zinc nickel plated steel</i>	MFC604	132.00
1/4" - 18	T design	10000	<i>316 stainless steel</i>	MFS602	274.00
1/2" - 14	T design	10000	<i>316 stainless steel</i>	MFS604	300.00



Soft Seat Male to Female

NPT Size	Handle Style	PSI at 200°F	Material	Part #	Price/E
1/4" - 18	T design	6000	<i>zinc nickel plated steel</i>	MFC702	\$125.00
1/2" - 14	T design	6000	<i>zinc nickel plated steel</i>	MFC704	134.00
1/4" - 18	T design	6000	<i>316 stainless steel</i>	MFS702	276.00
1/2" - 14	T design	6000	<i>316 stainless steel</i>	MFS704	301.00

NEW

Bleed Needle Valves

Features:

- provides a convenient means to relieve process pressures trapped between a shut-off valve and the instrument
- FKM O-ring seal and PTFE back-up ring below the threads protects from corrosion and galling
- stem threads are rolled for strength and ease of operation
- metal-to-metal hard seat design is 100% helium leak tested to 1×10^{-4} ml/s at 200 PSI
- non-rotating soft tip stem and a backup metal-to-metal seal
- all stems are 316 stainless steel
- 0.159" bleed port



Hard Seat Male

NPT Size	Handle Style	PSI at 200°F	Material	Part #	Price/E
1/4" - 18	T design	6000	<i>brass</i>	MB802	\$128.00
1/2" - 14	T design	6000	<i>brass</i>	MB804	138.00
1/4" - 18	T design	10000	<i>zinc nickel plated steel</i>	MC802	101.00
1/2" - 14	T design	10000	<i>zinc nickel plated steel</i>	MC804	115.00
1/4" - 18	T design	10000	<i>316 stainless steel</i>	MS802	128.00
1/2" - 14	T design	10000	<i>316 stainless steel</i>	MS804	136.00



Soft Tip Male

NPT Size	Handle Style	PSI at 200°F	Material	Part #	Price/E
1/4" - 27	T design	6000	<i>brass</i>	MB852	\$128.00
1/2" - 18	T design	6000	<i>brass</i>	MB854	138.00
1/4" - 18	T design	6000	<i>zinc nickel plated steel</i>	MC852	101.00
1/2" - 14	T design	6000	<i>zinc nickel plated steel</i>	MC854	115.00
1/4" - 18	T design	6000	<i>316 stainless steel</i>	MS852	128.00
1/2" - 14	T design	6000	<i>316 stainless steel</i>	MS854	136.00

Pipe and Tube Clamps

Applications:

- standard hydraulic applications, general pipe construction, electric cables, etc.
- *Standard and twin series clamps* are recommended for systems with less than 1500 PSI without dynamic loads.
- *Heavy duty clamps* are recommended for systems with greater than 1500 PSI operating pressure.

Features:

- clamps are welded in place to secure the pipe or tubing
- polypropylene cushions reduce wear due to vibration
- kit includes clamp with weld plate, cover plate and bolts

standard series clamps

Part #	Size	Length	Width	Height	Price/E
<i>HST02P</i>	1/8" pipe	1.65"	1.18"	1.30"	\$5.50
<i>HST04P</i>	1/4" pipe	1.89"	1.18"	1.54"	6.55
<i>HST04T</i>	1/4" tube	1.65"	1.18"	1.30"	5.50
<i>HST05T</i>	5/16" tube	1.65"	1.18"	1.30"	5.50
<i>HST06P</i>	3/8" pipe	1.89"	1.18"	1.54"	6.55
<i>HST06T</i>	3/8" tube	1.65"	1.18"	1.30"	5.50
<i>HST08P</i>	1/2" pipe	2.17"	1.18"	1.61"	7.30
<i>HST08T</i>	1/2" tube	1.89"	1.18"	1.54"	6.55
<i>HST10T</i>	5/8" tube	1.89"	1.18"	1.54"	6.55
<i>HST12P</i>	3/4" pipe	2.44"	1.18"	1.89"	7.30
<i>HST12T</i>	3/4" tube	2.17"	1.18"	1.61"	6.95
<i>HST14T</i>	7/8" tube	2.17"	1.18"	1.61"	6.95
<i>HST16P</i>	1" pipe	2.91"	1.18"	2.52"	8.65
<i>HST16T</i>	1" tube	2.17"	1.18"	1.61"	6.95
<i>HST20P</i>	1-1/4" pipe	2.91"	1.18"	2.52"	8.65
<i>HST20T</i>	1-1/4" tube	2.91"	1.18"	2.52"	8.65
<i>HST24P</i>	1-1/2" pipe	3.46"	1.18"	2.83"	12.00
<i>HST24T</i>	1-1/2" tube	2.91"	1.18"	2.52"	8.70
<i>HST32T</i>	2" tube	3.46"	1.18"	2.83"	12.00



twin series clamps

Part #	Size	Length	Width	Height	Price/E
<i>HTW02P</i>	1/8" pipe	1.46"	1.18"	1.36"	\$6.70
<i>HTW04P</i>	1/4" pipe	1.46"	1.18"	1.36"	7.05
<i>HTW04T</i>	1/4" tube	1.46"	1.18"	1.36"	6.70
<i>HTW05T</i>	5/16" tube	1.46"	1.18"	1.36"	6.70
<i>HTW06P</i>	3/8" pipe	2.17"	1.18"	1.42"	7.05
<i>HTW06T</i>	3/8" tube	1.46"	1.18"	1.36"	6.70
<i>HTW08P</i>	1/2" pipe	2.76"	1.18"	1.85"	7.25
<i>HTW08T</i>	1/2" tube	2.17"	1.18"	1.42"	7.05
<i>HTW10T</i>	5/8" tube	2.17"	1.18"	1.42"	7.05
<i>HTW12P</i>	3/4" pipe	3.35"	1.18"	2.05"	8.65
<i>HTW12T</i>	3/4" tube	2.76"	1.18"	1.85"	7.25
<i>HTW14T</i>	7/8" tube	2.76"	1.18"	1.85"	7.25
<i>HTW16P</i>	1" pipe	4.33"	1.18"	2.52"	11.00
<i>HTW16T</i>	1" tube	2.76"	1.18"	1.85"	7.25
<i>HTW20P</i>	1-1/4" pipe	4.33"	1.18"	2.52"	11.00
<i>HTW20T</i>	1-1/4" tube	4.33"	1.18"	2.52"	11.00
<i>HTW24T</i>	1-1/2" tube	4.33"	1.18"	2.52"	11.00



heavy duty series clamps

Part #	Size	Length	Width	Height	Price/E
<i>HHD02P</i>	1/8" pipe	2.87"	1.18"	1.89"	\$14.25
<i>HHD04P</i>	1/4" pipe	2.87"	1.18"	1.89"	14.25
<i>HHD04T</i>	1/4" tube	2.87"	1.18"	1.89"	14.25
<i>HHD05T</i>	5/16" tube	2.87"	1.18"	1.89"	14.25
<i>HHD06P</i>	3/8" pipe	2.87"	1.18"	1.89"	14.25
<i>HHD06T</i>	3/8" tube	2.87"	1.18"	1.89"	14.25
<i>HHD08P</i>	1/2" pipe	3.35"	1.18"	2.52"	16.25
<i>HHD08T</i>	1/2" tube	2.87"	1.18"	1.89"	14.25
<i>HHD10T</i>	5/8" tube	2.87"	1.18"	1.89"	14.25
<i>HHD12P</i>	3/4" pipe	3.35"	1.18"	2.52"	16.25
<i>HHD12T</i>	3/4" tube	3.35"	1.18"	2.52"	16.25
<i>HHD14T</i>	7/8" tube	3.35"	1.18"	2.52"	16.25
<i>HHD16P</i>	1" pipe	3.94"	1.18"	2.99"	17.30
<i>HHD16T</i>	1" tube	3.35"	1.18"	2.52"	16.25
<i>HHD20P</i>	1-1/4" pipe	5.51"	1.77"	4.33"	45.00
<i>HHD20T</i>	1-1/4" tube	3.94"	1.18"	2.99"	17.30
<i>HHD24P</i>	1-1/2" pipe	5.51"	1.77"	4.33"	45.00
<i>HHD24T</i>	1-1/2" tube	3.94"	1.18"	2.99"	17.30
<i>HHD32P</i>	2" pipe	5.51"	1.77"	4.33"	45.00
<i>HHD32T</i>	2" tube	5.51"	1.77"	4.33"	45.00



Holedall™ Coupling Machines

Rams, are powerful finely engineered machines designed specifically to externally swage and internally expand Holedall™ couplings by hydraulic pressure securely attaching Holedall™ couplings to hose. Since each ram generates all the hydraulic pressure required to attach the Holedall™ coupling, one person can easily operate the equipment.

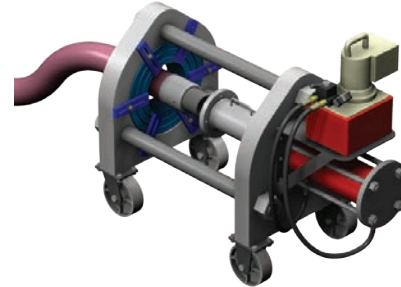
15 Ton Ram



Features:

- for internally expanded couplings only
- can expand 1" through 3" steel fittings and 5/8" through 4" brass Holedall™ Petroleum fittings
- produces up to 10,000 PSI, for up to 15 tons of ram force
- bench mounted model (optional stand available)
- motor: ½ h.p., 115 volt, 60 cycle, single phase with foot pedal

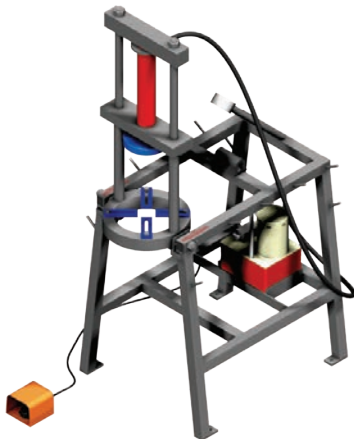
100 Ton Ram



Features:

- for externally swaging Holedall™ fittings to hose, sizes 1¼" through 10" ID
- optional accessories allow the ram to be used for internally expanded couplings on hose from 1" through 6"
- capable of producing up to 100 tons of ram force
- motor: 1½ h.p., 115 volt, 60 cycle, single phase motor is standard with remote, (220/440 volt motors are available)

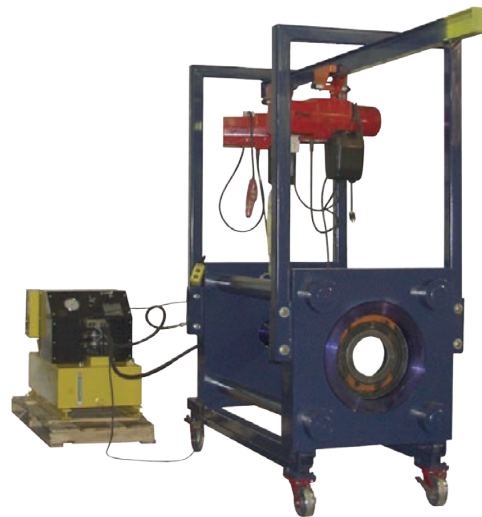
25 Ton Ram



Features:

- can externally swage ¼" through 4" ID hose and internally expand 5/8" through 4" ID hose with proper equipment
- produces up to 10,000 PSI of line pressure for up to 25 tons of ram force
- free standing model
- high speed pump kit option is available
- motor is ½ h.p., 115 volt 60 cycle, single phase with foot pedal

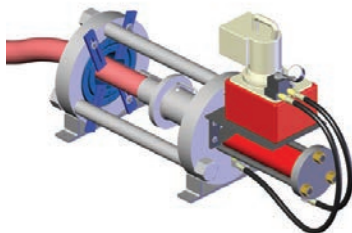
350 Ton Ram



Features:

- for externally swaging Holedall™ and Rotary fittings
- produces up to 354 tons of ram force for swaging
- 14" 150 lb. flange will fit through the bed plate
- ram has 36" of stroke
- motor: 12½ h.p., 230 volt, 60Hz, 3 phase motor is standard with remote

50 Ton Ram



Features:

- can externally swage 1¼" through 6" ID hose and internally expand 1" through 6" ID hose with proper equipment
- produces up to 10,000 PSI, for up to 50 tons of ram force
- bench mounted model (optional stand available)
- motor is 1½ h.p., 115 volt, 60 cycle, single phase, standard with remote, (220/440 volt motors are available)

! All Rams require dies of the proper size to reduce the ferrule to the proper diameter for a good grip on the hose. Pushers of the proper size must be used on the end of the Ram to push the Holedall™ fitting through the die. Die and pusher selection depends on the sizes and types of hoses being coupled. Ferrule recommendations and a Die Chart binder are available upon request. Consult Dixon™ for specific details.

Recommended Working Pressures



Holedall™ couplings, regardless of coupling style, are never to be used for steam service at any pressure. Holedall™ fittings listed below are not to be used with cable reinforced high-pressure hose, 4 or 6 braid wire hydraulic hose or any other service not listed in recommendations. In addition, Internally Expanded Holedall™ couplings are not to be used with plastic lined chemical hose. Consult Dixon™ for recommendations on usage.

Holedall™ couplings (Externally Swaged), to perform satisfactorily, must be applied properly in accordance with Dixon™'s assembly procedures, using the correct die and ferrule for that particular hose end OD. Dixon™'s Die and Ferrule Recommendation Guide is to be used to select correct dies and ferrules. If you do not have the updated Die and Ferrule Recommendation Guide, consult Dixon™. Strict adherence to ferrule OD range (Internally Expanded) for each hose end to be assembled is essential for satisfactory performance.

Note: Hose service working pressure (including surges and spikes) is never to exceed the maximum recommended working pressure for the fitting (reference chart below)*. Media being transported through the hose should be compatible with the stem material. Compatibility of ferrule material with the environment in which it will be used is recommended. Consult these Compatibility Chart on pages 818-823 or contact Dixon™ for material compatibility. For applications other than the ones listed, please consult Dixon™.

Size	Externally Swaged					Internally Expanded			
	Standard Fittings ¹	Long Style Fittings ¹	Light Duty Fittings		Holedall™ II Fittings ¹	Cam and Groove ¹	Holedall™ DIN Crimp Stems ¹	Internally Expanded ¹	Flow Chief / Crimp Sanitary Fittings ¹
			NO Notched Fittings ¹	NOS Notched Short Fittings ¹					
TM, TP, TG, TMR, TPR, TGR	TML, TPL, TGL	TM, TP, TG, RN•••NO	RST•••NOS, STC•••NOS, GAS••••NOS	FW	HA••••	IXM, IXV, IXH	IXSE, IXFS, IXMS, CSSR		
3/4"	---	---	---	---	---	---	---	---	---
1"	---	---	---	---	---	250	---	---	---
1 1/4"	600	1,000	350	---	---	---	800	---	---
1 3/8"	---	---	---	---	---	---	---	---	---
1 1/2"	600	1,000	350	250	300	250	145	800	250
2"	600	1,000	350	250	300	250	145	800	250
2 1/2"	600	1,000	250	---	250	150	---	600	250
3"	600	1,000	250	250	200	125	145	600**	250
4"	500	850	250	***	200	100	---	500**	200
5"	450	750	---	---	---	---	---	---	---
6"	400	700	---	---	---	---	---	400	---
8"	350	600	---	---	---	---	---	---	---
10"	300	550	---	---	---	---	---	---	---

¹ maximum recommended working pressures, in PSI, given at 70°F ambient temperature

* The assembly's (hose + coupling) maximum working pressure is the lesser of:

- 1) The hose rated working pressure, or
- 2) The coupling rated working pressure

** For hoses which use IXF48-3 to IXF48-5 and IXF64-2 to IXF64-5, consult Dixon™ for working pressures.

See notes below for specific recommendations.

***Contact Dixon™ for pressure recommendations

Standard Fittings

Recommended for use on most one and two wire braid reinforced hoses, fiber reinforced (braided or spiraled) with or without helical wire such as: oil suction and discharge hose, barge and dock loading and unloading hose as well as LP gas hose, anhydrous ammonia hose, acid chemical hose and high pressure air and water hose.

Long Style Fittings

Recommended for use on hose as listed under standard fittings where additional retention is required due to higher working pressures or end pull. Consult maximum working pressure chart or call Dixon™.

Holedall™ II Fittings

Recommended for Royalflex 1193 and 1196 hose or hoses with similar construction, having helical wire for a given OD range.

Light Duty Fittings

Recommended for use in the same applications as standard fittings above where lower working pressures are encountered. Consult maximum working pressure chart or consult Dixon™.

Internally Expanded Fittings

Recommended for concrete placement, grout and plaster, food, dairy, pharmaceutical as well as other applications where increased flow capacity is important. Consult maximum working pressure chart or call Dixon™ for additional application and working pressure information.



Holedall™ External Swage Coupling System

The Holedall™ coupling system provides outstanding strength, durability and safety.

The Holedall™ system is a method of attaching couplings to hose utilizing a progressive swage. The patented Holedall™ couplings include a Holedall™ stem and a specially engineered ferrule. The hydraulic swaging of the coupling to the hose is accomplished by pushing the ferrule through a die which reduces the ferrule OD, thus providing a 360° uninterrupted compression band around the hose.

A hydraulic ram is the only piece of machinery necessary to accomplish the coupling. Available in five different sizes - 15, 25, 50, 100 and 350 ton - these rams will accommodate dies and pushers of various sizes so that hoses up to 10" in diameter may be coupled.

This multi-purpose, high pressure coupling system requires no bolts and results in a clean coupling with no protrusions. The swaging operation is fast and hose of various lengths and different styles can be coupled. Ease of operation, flexibility and economy make the Holedall™ method an unequalled assembly system.

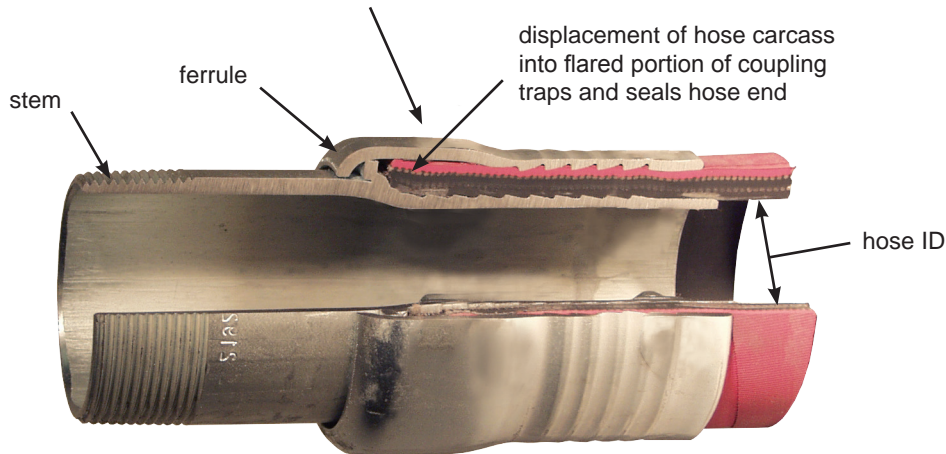
The Holedall™ coupling:

- provides long-lasting efficiency and safety
- lightweight coupling consisting of ferrule and stem
- streamlined, no protrusions to snag on equipment
- available in stainless steel and carbon steel
- available in multiple configurations: pipe thread, plain end, grooved or flanged ends

Dixon™ Holedall™ stems and ferrules are specifically designed to be used together as a coupling system. Due to differences in dimensions and tolerances, for safety reasons, do not use other manufacturer's stems or ferrules with Dixon™ Holedall™ products.



do not use wrench or vice on ferrule



cross-section of Holedall™ externally swaged assembly

External Swage Stems

Features:

- designed for hose ID's 1¼" - 10", ferrule size depends on the hose OD, refer to the next page to select the correct ferrule
- for higher working pressure applications use long style stems and ferrules

Male Pipe Threaded (NPT) End



tubular type

Hose ID	Plated Carbon Steel		316 Stainless		Long Style Carbon Steel	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
1¼"	TM20	\$48.20	TMR20	\$75.20	TML20	\$58.00
1½"	TM24	55.00	TMR24	73.85	TML24	65.90
2"	TM32	40.80	TMR32	83.40	TML32	57.10
2½"	TM40	74.90	TMR40	201.00	TML40	83.00
3"	TM48	70.00	TMR48	182.00	TML48	94.75
4"	TM64	87.50	TMR64	288.20	TML64	140.00
5"	TM80	241.00	---	---	TML80	400.00
6"	TM96	220.00	TMR96	705.00	TML96	341.00
8"	TM128	258.50	---	---	TML128	371.00
10"	TM160	557.75	---	---	TML160	680.00



investment cast design

Hose ID	316 Stainless Steel	
	Part #	Price/E
1½"	TMR24C ¹	\$47.25
2"	TMR32C ¹	55.00
3"	TMR48C ¹	111.30

¹ product will be discontinued as inventory is depleted

Beveled End for Welding



tubular type

Hose ID	Unplated Carbon Steel		316 Stainless		Long Style Unplated Carbon Steel	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
1¼"	TP20	\$48.20	---	---	TPL20	\$62.00
1½"	TP24	55.00	---	---	TPL24	67.20
2"	TP32	40.80	TPR32	\$113.00	TPL32	57.10
2½"	TP40	74.90	---	---	TPL40	94.75
3"	TP48	70.00	TPR48	210.00	TPL48	94.75
4"	TP64	87.50	TPR64	320.00	TPL64	140.00
5"	TP80	241.00	---	---	TPL80	341.00
6"	TP96	220.00	---	---	TPL96	341.00
8"	TP128	258.50	---	---	TPL128	371.00
10"	TP160	580.00	---	---	TPL160	680.00

Grooved End



tubular type

Hose ID	Plated Carbon Steel		316 Stainless		Long Style Plated Carbon Steel	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
1¼"	TG20	\$48.20	---	---	TGL20	POR
1½"	TG24	55.00	TGR24	\$72.40	TGL24	POR
2"	TG32	53.80	TGR32	83.40	TGL32	POR
2½"	TG40	85.00	TGR40	201.00	TGL40	POR
3"	TG48	81.10	TGR48	182.00	TGL48	POR
4"	TG64	93.00	TGR64	302.60	TGL64	POR
5"	TG80	241.00	---	---	TGL80	POR
6"	TG96	220.00	---	---	TGL96	POR
8"	TG128	258.50	---	---	TGL128	POR
10"	TG160	580.00	---	---	TGL160	POR



tubular type

Female End

Hose ID	Hose OD		Plated Carbon Steel	
	from	to	Part #	Price/E
1"	1-30/64"	1-34/64"	TF16WF1-80	\$46.70
	1-34/64"	1-38/64"	TF16WF2-80	47.60
	1-35/64"	1-42/64"	TF16WF3-80	46.70
1¼"	1-44/64"	1-48/64"	TF20WF1-80 ¹	149.00
	1-49/64"	1-56/64"	TF20WF2-80 ¹	149.00
	1-57/64"	2"	TF20WF3-80 ¹	149.00
2"	2-36/64"	2-40/64"	TF32WF1-80 ¹	162.75
	2-41/64"	2-48/64"	TF32WF2-80 ¹	162.75
	2-49/64"	2-56/64"	TF32WF3-80 ¹	162.75

¹ Special pusher required for 1¼" and 2" sizes:

1¼" **25PUSH125-MOD**

2" **25PUSH200-MOD**



stem and ferrule - two piece design
1" size



stem and ferrule - one piece design
1¼" - 2" sizes

External Swage Ferrules

The selection of ferrules is very important to achieve the proper coupling-to-hose assembly. For assistance in proper selection contact Dixon™.

Features:

- plated carbon steel
- style F ferrules are used with all standard length stems
- style FL ferrules are extra long and are used with all long style stems



Hose ID	Hose OD		Plated Carbon Steel		Long Style Plated Carbon Steel	
	from	to	Part #	Price/E	Part #	Price/E
1 1/4"	1-44/64"	1-48/64"	F20-1	\$42.80	FL20-1	\$61.45
	1-49/64"	1-56/64"	F20-2	42.80	FL20-2	61.45
	1-57/64"	2"	F20-3	47.15	FL20-3	61.45
	2-1/64"	2-8/64"	F20-4	47.15	FL20-4	61.45
1 1/2"	1-58/64"	2"	F24-1	37.35	FL24-1	56.85
	2-1/64"	2-8/64"	F24-2	38.10	FL24-2	56.85
	2-9/64"	2-16/64"	F24-3	40.40	FL24-3	56.85
	2-17/64"	2-24/64"	F24-4	43.00	FL24-4	56.85
	2-25/64"	2-32/64"	F24-5	43.00	FL24-5	56.85
2"	2-28/64"	2-40/64"	F32-1	38.50	FL32-1	57.00
	2-41/64"	2-48/64"	F32-2	38.00	FL32-2	57.00
	2-49/64"	2-56/64"	F32-3	45.80	FL32-3	57.00
	2-57/64"	3-2/64"	F32-4	45.80	FL32-4	57.00
2 1/2"	2-62/64"	3-8/64"	F40-1	57.70	FL40-1	80.00
	3-9/64"	3-16/64"	F40-2	59.20	FL40-2	80.00
	3-17/64"	3-24/64"	F40-3	58.70	FL40-3	80.00
	3-25/64"	3-32/64"	F40-4	72.00	FL40-4	80.00
	3-33/64"	3-40/64"	F40-5	71.40	FL40-5	80.00
3"	3-30/64"	3-40/64"	F48-1	51.40	FL48-1	94.20
	3-41/64"	3-48/64"	F48-2	56.00	FL48-2	94.20
	3-49/64"	3-56/64"	F48-3	61.00	FL48-3	94.20
	3-57/64"	4"	F48-4	74.65	FL48-4	94.20
	4-1/64"	4-8/64"	F48-5	69.70	FL48-5	94.20
4"	4-30/64"	4-39/64"	F64-Z ¹	95.90	FL64-Z ²	120.00
	4-40/64"	4-44/64"	F64-1	95.80	FL64-1	120.00
	4-45/64"	4-52/64"	F64-2	94.00	FL64-2	120.00
	4-53/64"	4-60/64"	F64-3	95.80	FL64-3	120.00
	4-61/64"	5-4/64"	F64-4	95.80	FL64-4	120.00
	5-5/64"	5-12/64"	F64-5	108.00	FL64-5	120.00
	5-13/64"	5-20/64"	F64-6	108.00	FL64-6	120.00
	5-21/64"	5-28/64"	F64-7	108.00	FL64-7	120.00
5"	5-29/64"	5-36/64"	F64-8	108.00	FL64-8	120.00
	5-56/64"	5-60/64"	F80-1	240.00	FL80-1	POR
	5-61/64"	6-4/64"	F80-2	240.00	FL80-2	POR
	6-5/64"	6-12/64"	F80-3	250.00	FL80-3	POR
	6-13/64"	6-20/64"	F80-4	POR	FL80-4	POR
	6-21/64"	6-28/64"	F80-5	POR	FL80-5	POR
	6-29/64"	6-38/64"	F80-6	POR	FL80-6	POR
6-37/64"	6-44/64"	F80-7	POR	FL80-7	POR	

Hose ID	Hose OD		Plated Carbon Steel		Long Style Plated Carbon Steel	
	from	to	Part #	Price/E	Part #	Price/E
6"	6-44/64"	6-63/64"	F96-Z ³	\$227.70	FL96-Z ¹	\$304.75
	7"	7-4/64"	F96-1	235.00	FL96-1	304.75
	7-5/64"	7-12/64"	F96-2	235.00	FL96-2	304.75
	7-13/64"	7-20/64"	F96-3	235.00	FL96-3	304.75
	7-21/64"	7-28/64"	F96-4	245.00	FL96-4	304.75
	7-29/64"	7-36/64"	F96-5	245.00	FL96-5	304.75
	7-37/64"	7-44/64"	F96-6	255.30	FL96-6	304.75
	7-45/64"	7-52/64"	F96-7	255.30	FL96-7	304.75
	7-53/64"	7-60/64"	F96-8	255.30	FL96-8	304.75
8"	7-61/64"	8"	F96-9	255.30	FL96-9	304.75
	8-53/64"	8-56/64"	F128-X ⁴	398.00	---	---
	9"	9-9/64"	F128-Y	395.00	FL128-Y	POR
	9-20/64"	9-24/64"	F128-1	410.00	FL128-1	POR
	9-25/64"	9-32/64"	F128-2	418.00	FL128-2	POR
	9-33/64"	9-40/64"	F128-3	410.00	FL128-3	POR
	9-41/64"	9-48/64"	F128-4	463.50	FL128-4	POR
10"	9-49/64"	9-56/64"	F128-5	463.50	FL128-5	POR
	9-57/64"	10"	F128-6	463.50	FL128-6	POR
	10-1/64"	10-4/64"	F128-7	463.50	FL128-7	POR
	11-32/64"	11-44/64"	F160-1	750.00	FL160-1	POR
	11-45/64"	11-60/64"	F160-2	750.00	FL160-2	POR
	11-61/64"	12-12/64"	F160-3	POR	FL160-3	POR
10"	12-13/64"	12-28/64"	F160-4	POR	FL160-4	POR
	12-29/64"	12-44/64"	F160-5	POR	FL160-5	POR
	12-45/64"	12-60/64"	F160-6	POR	FL160-6	POR

Special Holedall Stems

Hose ID	Material	Thread	Part #	Price/E
4"	carbon steel	NPT	TM64-42 ¹	\$103.00
4"	long carbon steel	NPT	TML64-42 ²	140.00
6"	carbon steel	NPT	TM96-42 ³	220.00
6"	316 stainless	NPT	TMR96-42 ³	705.00
6"	long carbon steel	NPT	TML96-42 ³	341.00
6"	carbon steel	beveled	TP96-42 ³	220.00
6"	316 stainless	beveled	TPR96-42 ³	POR
6"	long carbon steel	grooved	TGL96-42 ³	POR
6"	carbon steel	grooved	TG96-42 ³	220.00
8"	carbon steel	NPT	TM128-42 ⁴	258.50
8"	carbon steel	beveled	TP128-42 ⁴	258.50
8"	carbon steel	grooved	TG128-42 ⁴	258.50

1, 2, 3, 4 requires special stem

For applications with hose OD ranges not listed, contact Dixon™.

Holedall™ II External Swage Ferrules

Features:

- for use with Royal-Flex™ thin wall hose and stem styles TM, TP and TG stems on page 437
- ferrules have serrations on the outside

Hose ID	Hose OD		Carbon Steel	
	From	To	Part #	Price/E
1½"	1-58/64"	2-2/64"	FW24	\$75.00
2"	2-28/64"	2-34/64"	FW32	86.60
3"	3-30/64"	3-38/64"	FW48	106.00
4"	4-30/64"	4-42/64"	FW64¹	108.00

¹ 4" takes special stem: **TM64-42**, \$103.00



Stainless External Swage Ferrules

Features:


- for use with standard length stems styles TMR, TPR, and TGR series on page 437
- consult Dixon™ for die recommendations, see pages 811-816 for specific pressure recommendations

Hose ID	Hose OD		304 Stainless Steel	
	From	To	Part #	Price/E
1½"	1-60/64"	2-12/64"	GAS2334TO	\$42.40
	2-4/64"	2-22/64"	GAS2370TO	42.40
2"	2-30/64"	2-44/64"	GAS2709TO	34.40
	2-42/64"	2-54/64"	GAS2885TO	73.05
3"	3-30/64"	3-46/64"	GAS3760TO	53.30
	3-47/64"	3-54/64"	GAS3885TO	69.90
4"	4-40/64"	4-47/64"	GAS5010TO	275.00




External Swage Notched NOS Stems and Ferrules

Features:

- The notched system allows you to better manage your inventories. You can stock one stem and two ferrules to cover the same hose range with less inventory. *You must purchase a fitting and the matching ferrule to create an assembly.*
- For hose outside diameters of 2-4/64" and below, *the couplings are crimp only.* 
- For hose outside diameters of 2-5/64" and above, the couplings can be crimped or swaged.
- See page 73 for cam and groove style notched NOS fittings.



 Only use the NOS shank with the NOS ferrules. Due to differences in dimensions and tolerances for safety reasons, do not use other manufacturer's stems or ferrules with Dixon™ Holedall™ products.



stems

Size	PSI at 70°F	316 Stainless Steel	
		Part #	Price/E
1½"	250	RST150NOS	\$45.40
2"	250	RST200NOS	54.00
3"	250	RST300NOS	119.60
4"	¹	RST400NOS	183.35

¹ contact Dixon™ for pressure information

ferrules

Size	Hose OD		304 Stainless Steel	
	From:	To:	Part #	Price/E
1½"	1-60/64"	2-12/64"	GAS2334NOS	\$32.30
1½"	2-4/64"	2-22/64"	GAS2370NOS	34.50
2"	2-30/64"	2-44/64"	GAS2709NOS	31.50
2"	2-42/64"	2-54/64"	GAS2885NOS	64.40
3"	3-30/64"	3-46/64"	GAS3760NOS	46.35
3"	3-47/64"	3-54/64"	GAS3885NOS	63.00
4"	4-40/64"	4-47/64"	GAS5010NOS	235.00



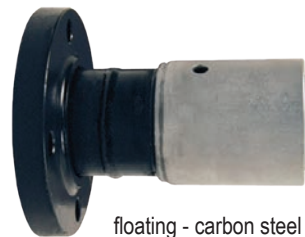
External Swage Flanged Assemblies

Features:

- 150# ASA flange drilling available with carbon steel stem, flange and ferrule, or with 316 stainless steel stem and flange and carbon steel ferrule
- available in other sizes, consult Dixon™ for pricing



fixed - carbon steel



floating - carbon steel

fixed flange

floating flange

Hose ID	Hose OD		Carbon Steel		Stainless Steel		Carbon Steel		Stainless Steel	
	From:	To:	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
2"	2-28/64"	2-40/64"	32P1SO15	\$212.70	R32P1SOR15	\$442.00	32P1LJ15	\$260.00	R32P1LJR15	\$510.00
	2-41/64"	2-48/64"	32P2SO15	212.70	R32P2SOR15	442.00	32P2LJ15	260.00	R32P2LJR15	510.00
	2-49/64"	2-56/64"	32P3SO15	212.70	R32P3SOR15	442.00	32P3LJ15	260.00	R32P3LJR15	510.00
3"	3-30/64"	3-40/64"	48P1SO15	271.00	R48P1SOR15	600.00	48P1LJ15	288.40	R48P1LJR15	690.00
	3-41/64"	3-48/64"	48P2SO15	271.00	R48P2SOR15	600.00	48P2LJ15	288.40	R48P2LJR15	690.00
	3-49/64"	3-56/64"	48P3SO15	271.00	R48P3SOR15	600.00	48P3LJ15	288.40	R48P3LJR15	690.00
4"	4-40/64"	4-44/64"	64P1SO15	354.00	R64P1SOR15	875.00	64P1LJ15	450.00	R64P1LJR15	1197.00
	4-45/64"	4-52/64"	64P2SO15	354.00	R64P2SOR15	875.00	64P2LJ15	450.00	R64P2LJR15	1197.00
	4-53/64"	4-60/64"	64P3SO15	354.00	R64P3SOR15	875.00	64P3LJ15	450.00	R64P3LJR15	1197.00
6"	7"	7-4/64"	96P1SO15	675.00	R96P1SOR15	1542.00	96P1LJ15	840.00	R96P1LJR15	1800.00
	7-5/64"	7-12/64"	96P2SO15	675.00	R96P2SOR15	1542.00	96P2LJ15	840.00	R96P2LJR15	1800.00
	7-13/64"	7-20/64"	96P3SO15	675.00	R96P3SOR15	1542.00	96P3LJ15	840.00	R96P3LJR15	1800.00
8"	9-20/64"	9-24/64"	128P1SO15	1020.00	---	---	128P1LJ15	1150.00	---	---
	9-25/64"	9-32/64"	128P2SO15	1020.00	---	---	128P2LJ15	1150.00	---	---
	9-33/64"	9-40/64"	128P3SO15	1020.00	---	---	128P3LJ15	1150.00	---	---

External Swage Uni-Range Male Couplings

M Applications:

- Recommended for use on most one or two wire braid reinforced hoses, fiber reinforced (braided or spiral) with or without helical wire such as chemical, high pressure air and water hoses, and LP gas hoses.



Features:

- designed for smaller hose systems, hose ID's of 1/4" - 1"
- shipped complete with factory assembled stem and ferrule combination
- can be swaged or crimped
- stainless steel stems are investment cast
- other hose OD's available, consult Dixon™

plated carbon steel stem and ferrule

Hose ID	Hose OD		Plated Carbon Steel	
	From:	To:	Part #	Price/E
1/4"	34/64"	38/64"	4P1	\$16.05
	38/64"	42/64"	4P2	16.05
	42/64"	46/64"	4P3	16.05
3/8"	46/64"	50/64"	6P1	22.70
	50/64"	54/64"	6P2	22.70
	54/64"	58/64"	6P3	22.70
1/2"	54/64"	58/64"	8P1	23.15
	58/64"	62/64"	8P2	23.15
	62/64"	1-2/64"	8P3	23.15
3/4"	1-10/64"	1-14/64"	12P1	23.80
	1-14/64"	1-18/64"	12P2	23.80
	1-18/64"	1-22/64"	12P3	23.80
1"	1-30/64"	1-34/64"	16P1	32.30
	1-34/64"	1-38/64"	16P2	32.30
	1-38/64"	1-42/64"	16P3	32.30
	1-42/64"	1-46/64"	16P4	32.30

316 stainless steel stem, plated carbon steel ferrule

Hose ID	Hose OD		Stainless/Carbon Steel	
	From:	To:	Part #	Price/E
3/4"	1-10/64"	1-14/64"	R12P1	\$59.65
	1-14/64"	1-18/64"	R12P2	59.65
	1-18/64"	1-22/64"	R12P3	59.65
1"	1-30/64"	1-34/64"	R16P1	105.00
	1-34/64"	1-38/64"	R16P2	105.00
	1-38/64"	1-42/64"	R16P3	105.00
	1-42/64"	1-46/64"	R16P4	105.00

316 stainless steel stem, 304 stainless steel ferrule

Hose ID	Hose OD		Stainless Steel	
	From:	To:	Part #	Price/E
1/2"	58/64"	62/64"	R8P2SS	\$113.00
3/4"	1-6/64"	1-12/64"	R12P1250	70.00
	1-13/64"	1-22/64"	R12P1370	70.00
1"	1-30/64"	1-38/64"	R16P1620	118.45
	1-38/64"	1-46/64"	R16P1770	119.60

External Swage High Pressure Couplings

Applications:

Intended for services requiring a fitting to withstand extremely high pressures (up to **3,000 PSI** at 70°F) and severe operating conditions including: small and medium size drilling rigs, slim hole applications and core drill, workover, seismograph, water well, blast or shot holes.

Features:

- sold as a complete coupling (stem and matching ferrule)
- must provide hose OD when ordering for a properly sized ferrule; make sure both ends of the hose are measured for OD
- must be swaged with 50 Ton or 100 Ton Ram
- API and NPT sizes are interchangeable
- stems are machined from seamless pipe and tubing with specially designed serrations
- ferrules are machined from a heavy wall material incorporating matching serrations

Stem and Ferrule Complete Assemblies

Male NPT Thread Coupling Units

Hose ID	NPT Size	Zinc Plated Steel	
		Part #	Price/E
2"	2"	LM32-*	POR
2½"	2½"	LM40-*	POR
3"	3"	LM48-*	POR

Male API Thread Coupling Units

Hose ID	API Size	Zinc Plated Steel	
		Part #	Price/E
2"	2½"	LM3240-*	POR
2½"	3"	LM4048-*	POR
3"	4"	LM4864-*	POR



* an accurate hose OD must be provided to complete the part # and to ensure proper retention

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Holedall™ Internal Expansion Couplings

Applications:

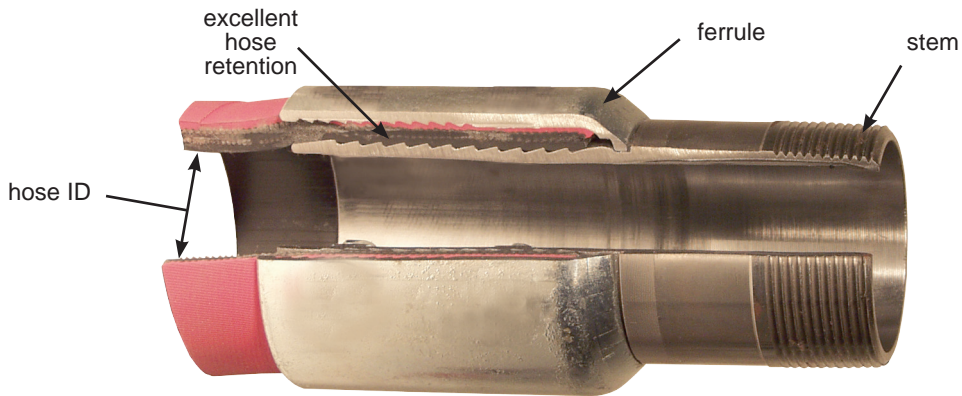
- Essential in applications requiring maximum flow including: concrete pump hose, plaster and grout hose, oil suction and discharge hose, multi-purpose heavy duty air hose, jetting hose, barge loading hose and bottom loading hose.

Features:

- maximum flow of media
- reduction of turbulence through hose
- excellent sealing and retention characteristics
- outperforms band clamps
- easy and consistent installation
- only one expansion tool is needed for each hose ID
- available end configurations: male NPT, raised end (California style), grooved, others available contact Dixon™



Dixon™ Holedall™ stems and ferrules are specifically designed to be used together as a coupling system. Due to differences in dimensions and tolerances, for safety reasons, do not use other manufacturer's stems or ferrules with Dixon™ Holedall™ products.



Cross-section of Holedall™ internally expanded assembly

M

Internal Expansion Stems



male pipe threaded end



heavy duty raised end



grooved end

Size	Working PSI ¹	Carbon Steel		Carbon Steel		Carbon Steel	
		Part #	Price/E	Part #	Price/E	Part #	Price/E
1"	---	IXM16	\$60.00	---	---	---	---
1¼"	800	IXM20	61.55	---	---	IXV20	\$55.90
1½"	800	IXM24	56.00	IXH24	\$97.50	IXV24	56.50
2"	800	IXM32	57.25	IXH32	106.60	IXV32	59.90
2½"	600	IXM40	75.00	IXH40	130.20	IXV40	74.50
3"	600 ²	IXM48	96.30	IXH48	155.50	IXV48	106.10
4"	500 ²	IXM64	137.60	IXH64	216.00	IXV64	150.00
6"	400	IXM96	165.00	---	---	---	---

¹ maximum recommended working pressures, in PSI, given at 70°F ambient temperature

² For hoses which use IXF48-3 to IXF48-5 and IXF64-2 to IXF64-5, consult Dixon™ for working pressures. See page 435 for specific recommendations.

Internal Expansion Ferrules



Hose ID	Hose OD		Ferrule ID	Plated Carbon Steel		Hose ID	Hose OD		Ferrule ID	Plated Carbon Steel		
	From:	To:		Part #	Price/E		From:	To:		Part #	Price/E	
1"	1-24/64"	1-28/64"	1-7/16"	IXF16-1	\$40.50	3"	3-32/64"	3-36/64"	3-9/16"	IXF48-T	\$75.30	
	1-28/64"	1-32/64"	1-1/2"	IXF16-2	40.50		3-36/64"	3-40/64"	3-5/8"	IXF48-U	75.30	
	1-32/64"	1-36/64"	1-9/16"	IXF16-3	40.50		3-40/64"	3-44/64"	3-11/16"	IXF48-V	75.30	
1¼"	1-40/64"	1-44/64"	1-11/16"	IXF20-Z	38.00		3-44/64"	3-48/64"	3-3/4"	IXF48-W	75.30	
	1-44/64"	1-48/64"	1-3/4"	IXF20-1	38.00		3-48/64"	3-52/64"	3-13/16"	IXF48-X	76.40	
	1-48/64"	1-52/64"	1-13/16"	IXF20-2	38.00		3-52/64"	3-56/64"	3-7/8"	IXF48-Y	75.30	
	1-52/64"	1-56/64"	1-7/8"	IXF20-3	38.00		3-56/64"	3-60/64"	3-15/16"	IXF48-Z	75.30	
	1-56/64"	1-60/64"	1-15/16"	IXF20-4	38.00		3-60/64"	4"	4"	IXF48-1	81.25	
	1-60/64"	2"	2"	IXF20-5	38.00		4"	4-4/64"	4-1/16"	IXF48-2	81.25	
1½"	2"	2-4/64"	2-1/16"	IXF20-6	38.00		4-4/64"	4-8/64"	4-1/8"	IXF48-3¹	81.25	
	1-56/64"	1-60/64"	1-15/16"	IXF24-Z	37.65		4-8/64"	4-12/64"	4-3/16"	IXF48-4¹	82.00	
	1-60/64"	2"	2"	IXF24-1	37.65		4-12/64"	4-16/64"	4-1/4"	IXF48-5¹	81.25	
	2"	2-4/64"	2-1/16"	IXF24-2	37.65		4"	4-36/64"	4-40/64"	4-5/8"	IXF64-T	108.00
	2-4/64"	2-8/64"	2-1/8"	IXF24-3	37.65			4-40/64"	4-44/64"	4-11/16"	IXF64-U	108.00
	2-8/64"	2-12/64"	2-3/16"	IXF24-4	37.65			4-44/64"	4-48/64"	4-3/4"	IXF64-V	108.00
	2-12/64"	2-16/64"	2-1/4"	IXF24-5	37.65	4-48/64"		4-52/64"	4-13/16"	IXF64-W	108.00	
	2-16/64"	2-20/64"	2-5/16"	IXF24-6	37.65	4-52/64"		4-56/64"	4-7/8"	IXF64-X	108.00	
2-20/64"	2-24/64"	2-3/8"	IXF24-7	37.65	4-56/64"	4-60/64"		4-15/16"	IXF64-Y	108.00		
2"	2-32/64"	2-36/64"	2-9/16"	IXF32-Y	41.00	4-60/64"		5"	5"	IXF64-Z	108.00	
	2-36/64"	2-40/64"	2-5/8"	IXF32-Z	41.00	5"		5-4/64"	5-1/16"	IXF64-1	108.00	
	2-40/64"	2-44/64"	2-11/16"	IXF32-1	40.15	5-4/64"	5-8/64"	5-1/8"	IXF64-2¹	108.00		
	2-44/64"	2-48/64"	2-3/4"	IXF32-2	40.15	5-8/64"	5-12/64"	5-3/16"	IXF64-3¹	108.00		
	2-48/64"	2-52/64"	2-13/16"	IXF32-3	40.15	5-12/64"	5-16/64"	5-1/4"	IXF64-4¹	108.00		
	2-52/64"	2-56/64"	2-7/8"	IXF32-4	40.15	5-16/64"	5-20/64"	5-5/16"	IXF64-5¹	108.00		
	2-56/64"	2-60/64"	2-15/16"	IXF32-5	40.15	6"	6-40/64"	6-44/64"	6-11/16"	IXF96-1	POR	
2-60/64"	3"	3"	IXF32-6	40.15	6-44/64"		6-48/64"	6-3/4"	IXF96-2	POR		
3"	3-4/64"	3-1/16"	IXF32-7	40.15	6-46/64"		6-50/64"	6-25/32"	IXF96-3	POR		
2½"	3"	3-4/64"	3-1/16"	IXF40-1	59.50		6-48/64"	6-52/64"	6-13/16"	IXF96-4	POR	
	3-4/64"	3-8/64"	3-1/8"	IXF40-2	59.50		6-52/64"	6-56/64"	6-7/8"	IXF96-5	POR	
	3-8/64"	3-12/64"	3-3/16"	IXF40-3	59.50		6-56/64"	6-60/64"	6-15/16"	IXF96-6	POR	
	3-12/64"	3-16/64"	3-1/4"	IXF40-4	59.50		6-60/64"	7"	7"	IXF96-7	POR	
	3-16/64"	3-20/64"	3-5/16"	IXF40-5	59.50		7"	7-4/64"	7-1/16"	IXF96-8	POR	
	3-20/64"	3-24/64"	3-3/8"	IXF40-6	59.50		7-4/64"	7-8/64"	7-1/8"	IXF96-9	POR	
	3-24/64"	3-28/64"	3-7/16"	IXF40-7	59.50		7-8/64"	7-12/64"	7-3/16"	IXF96-10	POR	
	3-28/64"	3-32/64"	3-1/2"	IXF40-8	59.50		7-12/64"	7-16/64"	7-1/4"	IXF96-11	POR	
					7-16/64"		7-20/64"	7-5/16"	IXF96-12	POR		
					7-18/64"		7-22/64"	7-11/32"	IXF96-13	POR		
					7-20/64"		7-24/64"	7-3/8"	IXF96-14	POR		

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¹ for hoses using ferrule sizes IXF48-3 thru IXF48-5 and IXF64-2 thru IXF64-5, consult Dixon™ for working pressures

Internally Expanded Permanent Couplings - Scovill Style

 Do not interchange with other manufacturer's fittings.

Applications:

- recommended for discharge and suction service; commonly used in the transfer of fuel to homes, airplanes, ships, etc.
- intended for fuel delivery service, see page 445 for information on API 1529 certification

Features:

- male and female stems are machined from bar stock or solid brass forgings; ferrules are available in brass and stainless steel
- compact, lightweight and streamlined to eliminate catching on curbs and shrubs
- stems and ferrules are designed to be used together as a coupling system
- stem is expanded to nominal ID of hose for a rigid, uniform, full-flow area
- all fittings have octagonal facets for tightening with a wrench; females in 1½" and larger sizes have lugs for tightening
- pre-lubricated for assembly
- designed for internal expansion only
- hand and electrically operated installation equipment is available, consult Dixon™ for pricing and availability
- working pressure varies with the size of the fitting, the size and construction of the hose and the media being conveyed, consult Dixon™ for recommendations



Hose ID	male NPT		male NST		female NPSH		female NST		grooved	
	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
¾"	H5192	\$23.85	---	---	H5191-BU	\$41.00	---	---	---	---
1"	H5212-A	26.35	H5212NST	\$26.50	H5211-A-BU	43.75	H5211NST	\$51.75	G5212	\$32.55
1¼"	H5222-A	35.10	---	---	H5221-A-BU	51.80	---	---	---	---
1⅝"	H5272 ¹	41.00	---	---	H5271-BU ¹	79.20	---	---	---	---
1½"	H5232-A	42.50	H5232NST	42.05	H5231-A-BU	78.60	H5231NST ²	83.60	G5232	59.20
2"	H5242	81.70	---	---	H5241-BU	137.90	---	---	G5242	80.50
2½"	H5252	138.00	---	---	H5251 ³	215.00	---	---	G5252	138.00
3"	H5262	185.00	---	---	H5261 ³	282.00	---	---	---	---

¹ 1⅝" stem has 1½" thread

² 1½" NST requires special adapter, part # H5231NSTADT

³ 2½" and 3" parts have female NPSM thread

M

520-H Ferrules



Feature:

- Eliminates the need for a large stock of coupling bodies. With a wide range of sizes available, you can build the perfect assembly of a coupling to a corresponding hose size with commercial tolerances, regardless of wall thickness

Hose ID	Hose OD		Brass		Hose ID	Hose OD		Brass		Hose ID	Hose OD		Brass	
	From:	To:	Part #	Price/E		From:	To:	Part #	Price/E		From:	To:	Part #	Price/E
¾"	1-4/64"	1-7/64"	R75AAAS	\$8.55	1⅝"	1-47/64"	1-50/64"	R1375BS	\$17.60	2"	2-27/64"	2-30/64"	R2AAS	\$32.80
	1-8/64"	1-11/64"	R75AAS	8.55		1-51/64"	1-54/64"	R1375CS	17.60		2-31/64"	2-34/64"	R2AS	32.80
	1-12/64"	1-14/64"	R75AS	8.55		1-55/64"	1-58/64"	R1375DS	17.60		2-35/64"	2-38/64"	R2BS	32.80
	1-15/64"	1-17/64"	R75BS	8.55		1-59/64"	1-62/64"	R1375ES	17.60		2-39/64"	2-42/64"	R2CS	32.80
	1-18/64"	1-20/64"	R75CS	8.55		1-54/64"	1-57/64"	R15AAAS-A	18.00		2-43/64"	2-46/64"	R2DS	32.80
1"	1-24/64"	1-26/64"	R1AAAS-A	9.95	1-58/64"	1-62/64"	R15AAS-A	18.00	2-47/64"		2-50/64"	R2ES	32.80	
	1-27/64"	1-29/64"	R1AAS-A	9.95	1-63/64"	2-2/64"	R15AS-A	18.00	2-51/64"		2-54/64"	R2FS	32.80	
	1-30/64"	1-32/64"	R1AS-A	9.95	2-3/64"	2-6/64"	R15BS-A	18.00	2½"		2-62/64"	3-1/64"	R25AS	46.10
	1-33/64"	1-35/64"	R1BS-A	9.95	2-7/64"	2-11/64"	R15CS-A	18.00			3-2/64"	3-6/64"	R25BS	46.10
	1-36/64"	1-38/64"	R1CS-A	9.95	2-12/64"	2-14/64"	R15DS-A	18.00			3-7/64"	3-11/64"	R25CS	46.10
	1-39/64"	1-41/64"	R1DS-A	9.95	2-15/64"	2-19/64"	R15ES-A	18.00		3-12/64"	3-16/64"	R25DS	46.10	
1-42/64"	1-44/64"	R1ES-A	9.95	2-20/64"	2-24/64"	R15FS-A ¹	17.55	3-17/64"		3-21/64"	R25ES	46.10		
1-39/64"	1-42/64"	R125AAS-A	14.70	2-25/64"	2-28/64"	R15GS ¹	17.55	3-22/64"		3-26/64"	R25FS	46.10		
1¼"	1-43/64"	1-46/64"	R125AS-A	14.70	3"	3-30/64"	3-34/64"	R3AAAS	62.90					
	1-47/64"	1-50/64"	R125BS-A	14.70		3-35/64"	3-39/64"	R3AAS	62.90					
	1-51/64"	1-54/64"	R125CS-A	14.70		3-40/64"	3-45/64"	R3AS	62.90					
	1-55/64"	1-58/64"	R125DS-A	14.70		3-46/64"	3-50/64"	R3BS	62.90					
	1-59/64"	1-62/64"	R125ES-A ¹	14.70		3-51/64"	3-54/64"	R3CS	62.90					

¹ will be replaced by API ferrules

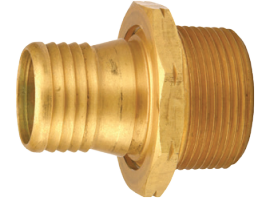
API Certified Permanently Attached Petroleum Couplings

Feature:

- Tested and compliant with API 1529 6th edition. Coupling procedures, ferrule recommendations and API test data are available upon request, please contact Dixon™.

520-H series male thread

Hose Size	Thread Type	Brass	
		Part #	Price/E
1"	NPT	H5212-A	\$26.35
1¼"	NPT	H5222-A	35.10
1½"	NPT	H5232-A	42.50
2"	NPT	H5242L-A	81.70
2½"	NPT	H5252L-A	138.00
3"	NPT	H5262L-A	185.00
4"	NPT	H5282L-A	330.00



- ¹ requires a special thrust plate
 2" **25000HTL24**
 2½" **25000HTL25**
 3" **25000HTL26**

520-H series female thread

Hose Size	Thread Type	Brass	
		Part #	Price/E
1"	NPSH	H5211-A-BU	\$43.75
1¼"	NPSH	H5221-A-BU	51.80
1½"	NPSH	H5231-A-BU	78.60
2"	NPSH	H5241L-A-BU	137.90
2½"	NPSM	H5251L-A-BU	215.00
3"	NPSM	H5261L-A-BU	282.00
4"	NPSM	H5281L-A-BU	415.00



API 520-H Series Ferrules



Hose ID	Hose OD		Brass		Size	Hose OD		304 Stainless Steel		Aluminum	
	From:	To:	Part #	Price/E		From:	To:	Part #	Price/E	Part #	Price/E
1"	1-24/64"	1-26/64"	R1AAAS-A	\$9.95	2"	2-31/64"	2-34/64"	R2ASS-A	\$28.35	R2AAL-A	\$20.00
	1-27/64"	1-29/64"	R1AAS-A	9.95		2-35/64"	2-38/64"	R2BSS-A	28.35	R2BAL-A	20.00
	1-30/64"	1-32/64"	R1AS-A	9.95		2-39/64"	2-42/64"	R2CSS-A	28.35	R2CAL-A	20.00
	1-33/64"	1-35/64"	R1BS-A	9.95		2-43/64"	2-46/64"	R2DSS-A	28.35	R2DAL-A	20.00
	1-36/64"	1-38/64"	R1CS-A	9.95		2-47/64"	2-50/64"	R2ESS-A	28.35	R2EAL-A	20.00
	1-39/64"	1-41/64"	R1DS-A	9.95		2-62/64"	3-1/64"	R25ASS-A	42.25	R25AAL-A	30.00
	1-42/64"	1-44/64"	R1ES-A	9.95		3-2/64"	3-6/64"	R25BSS-A	42.25	R25BAL-A	30.00
1¼"	1-39/64"	1-42/64"	R125AAS-A	14.70	3-7/64"	3-11/64"	R25CSS-A	42.25	R25CAL-A	30.00	
	1-43/64"	1-46/64"	R125AS-A	14.70	3-12/64"	3-16/64"	R25DSS-A	42.25	R25DAL-A	30.00	
	1-47/64"	1-50/64"	R125BS-A	14.70	3-17/64"	3-21/64"	R25ESS-A	42.25	R25EAL-A	30.00	
	1-51/64"	1-54/64"	R125CS-A	14.70	3-35/64"	3-39/64"	R3AASS-A	49.25	R3AAAL-A	35.00	
	1-55/64"	1-58/64"	R125DS-A	14.70	3-40/64"	3-45/64"	R3ASS-A	49.25	R3AAL-A	35.00	
	1-59/64"	1-62/64"	R125ES-A	14.70	3-46/64"	3-50/64"	R3BSS-A	49.25	R3BAL-A	35.00	
1½"	1-54/64"	1-57/64"	R15AAAS-A	18.00	3-51/64"	3-54/64"	R3CSS-A	49.25	R3CAL-A	35.00	
	1-58/64"	1-62/64"	R15AAS-A	18.00	3-55/64"	3-59/64"	R3DSS-A	49.25	R3DAL-A	35.00	
	1-63/64"	2-2/64"	R15AS-A	18.00	4-46/64"	4-48/64"	R4ESS-A	164.00	---	---	
	2-3/64"	2-6/64"	R15BS-A	18.00	4-49/64"	4-51/64"	R4FSS-A	164.00	---	---	
	2-7/64"	2-11/64"	R15CS-A	18.00	4-52/64"	4-54/64"	R4GSS-A	164.00	---	---	
	2-12/64"	2-14/64"	R15DS-A	18.00	4-55/64"	4-57/64"	R4HSS-A	164.00	---	---	
	2-15/64"	2-19/64"	R15ES-A	18.00	4-58/64"	4-59/64"	R4KSS-A	164.00	---	---	
				4-60/64"	4-62/64"	R4LSS-A	164.00	---	---		
				4-63/64"	5"	R4MSS-A	164.00	---	---		

Replacement Washers

Feature:

- for use with 520-H series female internally expanded permanent couplings on pages 444 and 445



Size	Buna	
	Part #	Price/E
3/4"	H5071-BU	\$1.20
1"	H5072-BU	1.20
1 1/4"	H5073-BU	1.20
1 1/2"	H5074-BU	1.20
2"	H5075-BU	1.30
2 1/2"	H5076-BU	1.30
3"	H5077-BU	1.35
4"	H5078-BU	1.80

Permanent Couplings for Pump Hose

Application:

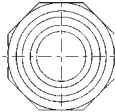
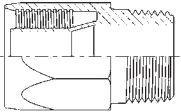
- economical and trouble-free couplings for gas pump hose

Features:

- serrations on the stem imbed in the hose eliminating wicking and leakage
- shell extends beyond the stem preventing cutting of interior walls; tapered ends of stem and shell protect hose when flexed
- provide tamper-proof static connection which cannot be broken without completely damaging coupling and hose
- internal expansion of stem to nominal ID of hose provides full flow
- broad, firm grip of coupling extends hose life by making it possible for hose to withstand more flexings
- Hand and electrically operated installation equipment is available; consult Dixon™ for pricing and availability.
- Underwriters Listed approved
- *Reattach static wire if required.*



M



Hose ID	Male NPT	Hose OD	Chrome Plated Brass	
			Part #	Price/E
5/8"	3/4"	1"	H5741	\$15.15
5/8"	3/4"	1-1/32"	H5742	15.15
3/4"	3/4"	1-9/64"	H5751	17.60
3/4"	3/4"	1-11/64"	H5752	17.60
3/4"	3/4"	1-13/64"	H5753	27.10
3/4"	3/4"	1-7/32"	H5754	27.10
3/4"	3/4"	1-17/64"	H5755 ¹	27.10
1"	1"	1-25/64"	H5771	32.00
1"	1"	1-29/64"	H5772	32.00
1"	1"	1-1/2"	H5773	32.00
1"	1"	1-9/16"	H5774	32.00

¹ thrust plate required **2500HTL15**

HB Coupling Expander Machine



Features:

- hand operated, pull-through type expander
- for use in a fixed location for small production runs or as a portable repair type expander
- attaches sizes 3/4" through 2" of the 520-H Series couplings, and all sizes of 570-H and 580-H Series couplings
- expander tooling sold separately

Part #	Price/E
2500HB0000	\$3180.00

Dubl-Grip® Re-attachable Couplings for Curb Pump Hose

Features:

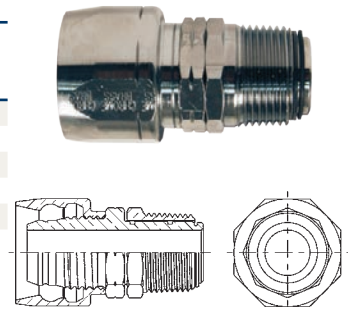
- two-piece construction
- streamlined design prevents damage to hose and fits well on new pump equipment
- wide, flat surfaces of body threads protect inside of hose from breaking
- tapered surface of sleeve and body cradle hose preventing one-point strain from flexing
- Hose is gripped on its full circumference in two places, ensuring a rigid leakproof connection.
- re-attachable: worn portion of hose can be removed and Dubl-Grip® can be reapplied
- easy assembly:
 - Hose is held in position by sleeve as body is threaded home.
 - Only a wrench is required to assemble the Dubl-Grip®.
- Underwriters Listed approved
- *Reattach static wire if required.*



H-600 Series Dubl-Grip® Swivel Re-attachables

Hose ID	Male NPT	Hose OD	Chrome Plated Brass	
			Part #	Price/E
3/4"	3/4"	1-1/8"	H603	\$37.50
3/4"	3/4"	1-13/64"	H604	37.50
3/4"	3/4"	1-1/4"	H605	37.50
1"	1"	1-3/8"	H609 ¹	58.00
1"	1"	1-7/16"	H610 ¹	58.00
1"	1"	1-1/2"	H611 ¹	58.00

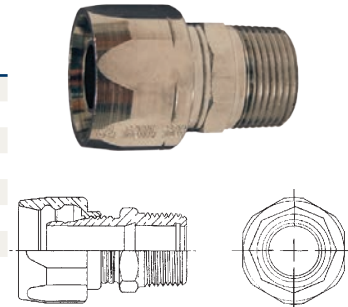
¹ octagonal shape



Dubl-Grip® Re-attachables

Hose ID	Male NPT	Hose OD	Chrome Plated Brass	
			Part #	Price/E
5/8"	3/4"	1"	850212	\$20.50
5/8"	3/4"	1-1/32"	850213	20.50
3/4"	3/4"	1-1/8"	850451	27.90
3/4"	3/4"	1-13/64"	850455	27.90
3/4"	3/4"	1-1/4"	850453	27.90
1"	1"	1-3/8"	850841 ¹	43.20
1"	1"	1-7/16"	850801 ¹	43.20
1"	1"	1-1/2"	850811 ¹	43.20

¹ octagonal shape



CIP Internal Expansion (IX) Sanitary Style Hose Couplings

Application:

- used in the food, dairy and beverage industries

Features:

- Clean-In-Place (CIP) compliant
- Flow Chief internal expansion (IX) fittings are only to be used with Flow Chief stainless steel ferrules.

Sanitary Clamp End Stems

Features:

- 3A compliant when assembled by 3A authorized hose shop
- special plug is required to expand CIP compliant fittings
- special adapter plate is required to expand 1½" CIP compliant fittings
- see pages 466-472 for sanitary style gaskets
- see pages 452-453 for sanitary style clamps



Size	304 Stainless Steel	
	Part #	Price/E
1½"	IXSE24-3A	\$173.50
2"	IXSE32-3A	195.00
3"	IXSE48-3A	350.00

Tube Weld End Stem

Feature:

- special plug is required to expand CIP compliant fittings



Size	304 Stainless Steel	
	Part #	Price/E
2"	IXPE32-3A	\$175.00

Special Expansion Plug for CIP Compliant IX Fittings



Hose Size	304 Stainless Steel	
	Part #	
1½"	IXFDPLG137	
2"	IXFDPLG187	
3"	IXFDPLG287	

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Flow Chief Ferrules

Feature:

- ferrule ID's are designed in increments of 1/16"



Size	Hose OD		304 Stainless Steel	
	From:	To:	Part #	Price/E
1½" ¹	1-56/64"	1-59/64"	24PFX1.937	\$105.50
	1-60/64"	1-63/64"	24PFX2.000	105.50
	2"	2-3/64"	24PFX2.062	105.50
	2-4/64"	2-7/64"	24PFX2.125	105.50
	2-8/64"	2-11/64"	24PFX2.187	105.50
	2-12/64"	2-15/64"	24PFX2.250	105.50
2" ¹	2-16/64"	2-19/64"	24PFX2.312 ²	105.50
	2-28/64"	2-31/64"	32PFX2.500	108.00
	2-32/64"	2-35/64"	32PFX2.562	108.00
	2-36/64"	2-39/64"	32PFX2.625	108.00
	2-40/64"	2-43/64"	32PFX2.687	108.00
	2-44/64"	2-47/64"	32PFX2.750	108.00
	2-48/64"	2-51/64"	32PFX2.812	108.00
	2-52/64"	2-55/64"	32PFX2.875	108.00
	2-56/64"	2-59/64"	32PFX2.937	108.00
	2½"	3"	3-3/64"	40PFX3.062	151.00
3-4/64"		3-7/64"	40PFX3.125	151.00
3-8/64"		3-11/64"	40PFX3.187	151.00
3-12/64"		3-15/64"	40PFX3.250	151.00
3-16/64"		3-19/64"	40PFX3.312	151.00
3-20/64"		3-23/64"	40PFX3.375	151.00
3-28/64"		3-31/64"	40PFX3.500	151.00

Size	Hose OD		304 Stainless Steel	
	From:	To:	Part #	Price/E
3"	3-32/64"	3-35/64"	48PFX3.562	\$172.50
	3-36/64"	3-39/64"	48PFX3.625	172.50
	3-40/64"	3-43/64"	48PFX3.687	172.50
	3-44/64"	3-47/64"	48PFX3.750	172.50
	3-48/64"	3-51/64"	48PFX3.812	172.50
	3-52/64"	3-55/64"	48PFX3.875	172.50
	3-56/64"	3-59/64"	48PFX3.937	172.50
	3-60/64"	3-63/64"	48PFX4.000	172.50
	4"	4-3/64"	48PFX4.062	172.50
	4-4/64"	4-7/64"	48PFX4.125	172.50
4"	4-36/64"	4-39/64"	64PFX4.625	235.00
	4-40/64"	4-43/64"	64PFX4.687	235.00
	4-44/64"	4-47/64"	64PFX4.750	235.00
	4-48/64"	4-51/64"	64PFX4.812	235.00
	4-52/64"	4-55/64"	64PFX4.875	235.00
	4-56/64"	4-59/64"	64PFX4.937	235.00

¹ 1½" and 2" ferrules do not have serrations on the ID

² consult Dixon™ for working pressure

Internal Expansion (IX) Sanitary Style Hose Couplings

Features:

- clamp end x hose shank
- Flow Chief internal expansion (IX) fittings are only to be used with Flow Chief stainless steel ferrules.
- see pages 466-472 for sanitary style gaskets
- see pages 452-453 for sanitary style clamps

Size	304 Stainless Steel	
	Part #	Price/E
1½"	IXSE24	\$138.40
2"	IXSE32	169.00
2½"	IXSE40	270.00
3"	IXSE48	350.50
4"	IXSE64	470.00



Internal Expansion (IX) Male NPT Hose Couplings

Feature:

- Flow Chief internal expansion (IX) fittings are only to be used with Flow Chief stainless steel ferrules.

Size	304 Stainless Steel	
	Part #	Price/E
1½"	IXMS24	\$186.35
2"	IXMS32	180.00
2½"	IXMS40	230.00
3"	IXMS48	351.00
4"	IXMS64	500.00



Internal Expansion (IX) Bevel Seat Hose Couplings

Features:

- Flow Chief internal expansion (IX) fittings are only to be used with Flow Chief stainless steel ferrules.
- see page 482 for bevel seat gaskets

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Female Shank

Feature:

- only use with the IXAN nuts shown below

Size	304 Stainless Steel	
	Part #	Price/E
1½"	IXFS24	\$154.35
2"	IXFS32	210.10
2"	IXFS32-3A ¹	215.00
2½"	IXFS40	236.90
3"	IXFS48	375.00
4"	IXFS64	395.00



¹ must use plug part # IXFDPLG187

Threaded Hex Nuts

series 13H (modified)

Size	304 Stainless Steel	
	Part #	Price/E
1½"	IXAN24	\$37.10
2"	IXAN32	49.10
2½"	IXAN40	73.00
3"	IXAN48	92.25
4"	IXAN64	155.00



Dixon™ Sanitary Style Crimp Stems Clamp End x Hose Shank

Features:

- sanitary style end
- Dixon™ sanitary crimp stems are only to be used with Dixon™ sanitary stainless steel crimp ferrules
- reference pages 859-861 for crimp recommendations



Size	316 Stainless Steel		
	Part #	Price/E	
1"	CSSR100	\$75.60	
1½"	CSSR150	77.85	
2"	CSSR200	135.50	
2½" NEW	CSSR250	275.00	
3"	CSSR300	302.60	
4"	CSSR400	562.85	

Female Bevel Seat End x Hose Shank



Size	Nut Used	316 Stainless Steel	
		Part #	Price/E
1"	13H-G100	CBSR100	\$75.60
1½"	IXAN24	CBSR150	77.85
2"	IXAN32	CBSR200	135.50
3"	IXAN300	CBSR300	302.10
4"	IXAN64	CBSR400	562.85

Female I-Line End x Hose Shank



Size	316 Stainless Steel		
	Part #	Price/E	
1½"	CILR150	\$77.85	
2"	CILR200	135.50	
3"	CILR300	302.10	
4"	CILR400	562.85	

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Tube Weld End x Hose Shank



Size	316 Stainless Steel		
	Part #	Price/E	
1½"	CTER150	\$77.85	
2"	CTER200	135.50	
3"	CTER300	302.10	
4"	CTER400	562.85	

Holedall DIN External Crimp Stems

Male Stems

- reference pages 859-861 for crimp recommendations



Size	316 Stainless Steel		
	Part #	DIN	Price/E
1½"	HA0235	40	\$98.95
2"	HA0236	50	138.50
2½" NEW	HA0237	65	170.00
3"	HA0238	80	250.10

Female Stems



Size	316 Stainless Steel		
	Part #	DIN	Price/E
1½"	HA0240	40	\$88.30
2"	HA0241	50	127.80
2½" NEW	HA0242	65	170.00
3"	HA0243	80	239.75

Dixon™ Sanitary Crimp Ferrules

Features:

- AISI 304 stainless steel
- ferrules have a surface finish of 63 or better

Hose ID	Hose OD		304 Stainless Steel	
	From:	To:	Part #	Price/E
1"	1-26/64"	1-28/64"	F16G-1453	\$51.50
	1-29/64"	1-31/64"	F16G-1500	51.50
	1-32/64"	1-34/64"	F16G-1547	51.50
	1-35/64"	1-37/64"	F16G-1594	51.50
	1-38/64"	1-40/64"	F16G-1641	51.50
1½"	1-58/64"	1-61/64"	F24G-1969	59.45
	1-62/64"	2-1/64"	F24G-2031	59.45
	2-2/64"	2-5/64"	F24G-2094	59.45
	2-6/64"	2-9/64"	F24G-2156	59.45
	2-10/64"	2-13/64"	F24G-2219	59.45
	2-14/64"	2-17/64"	F24G-2281	59.45
	2-18/64"	2-21/64"	F24G-2344	59.45
2"	2-30/64"	2-33/64"	F32G-2531	77.80
	2-34/64"	2-37/64"	F32G-2594	77.80
	2-38/64"	2-41/64"	F32G-2656	77.80
	2-42/64"	2-45/64"	F32G-2719	77.80
	2-52/64"	2-55/64"	F32G-2875	77.80
	2-56/64"	2-59/64"	F32G-2938	77.80
2½"	3"	3-3/64"	F40G-3063	198.00
	3-4/64"	3-7/64"	F40G-3125	198.00
	3-8/64"	3-11/64"	F40G-3188	198.00
	3-12/64"	3-15/64"	F40G-3250	198.00
	3-16/64"	3-19/64"	F40G-3313	198.00
	3-20/64"	3-23/64"	F40G-3375	198.00
3"	3-36/64"	3-39/64"	F48G-3625	208.00
	3-40/64"	3-43/64"	F48G-3688	208.00
	3-44/64"	3-47/64"	F48G-3750	208.00
	3-48/64"	3-51/64"	F48G-3813	208.00
	3-52/64"	3-55/64"	F48G-3875	208.00
	3-56/64"	3-59/64"	F48G-3938	208.00
4"	3-61/64"	4"	F48G-4016	208.00
	4-40/64"	4-43/64"	F64G-4688	409.15
	4-44/64"	4-47/64"	F64G-4750	409.15
	4-48/64"	4-51/64"	F64G-4813	409.15
	4-52/64"	4-55/64"	F64G-4875	409.15
	4-56/64"	4-59/64"	F64G-4938	409.15
	5-5/64"	5-8/64"	F64G-5141	409.15



DIN Round Nut - 13R

Tube OD	DN Size	304 Stainless Steel	
		Part #	Price/E
1"	25	13R-G100DIN	\$36.65
1½"	40	13R-G150DIN	45.65
2"	50	13R-G200DIN	58.40
2½"	65	13R-G250DIN	79.05
3"	80	13R-G300DIN	121.40
4"	100	13R-G400DIN	141.70



King Crimp™ Sanitary Stems

Features:


- to be used with Dixon™ King Crimp™ sleeves and/or ferrules
- wetted surfaces meet governmental and independent regulatory standards

Hose ID	316 Stainless Steel	
	Part #	Price/E
1"	CSSR100CS	\$75.60
1½"	CSSR150CS	77.85
2"	CSSR200CS	135.50
3"	CSSR300CS	302.60
4"	CSSR400CS	562.85

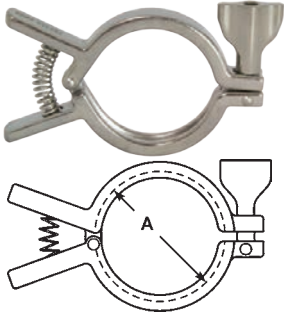


 Use only with King Crimp™ sleeves and / or ferrules on pages 14-17.

Clamps

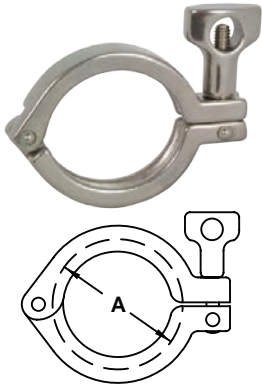
Service pressure ratings are based on the following parameters: matching elastomer gaskets and weld ferrules properly aligned and assembled with the clamps tightened to the required torque (**25 in. lbs.**). Tests are done hydrostatically with no water hammer or shock loads. Please note the pressure ratings of the described unions are above the recommended pipe line operating pressures. 

Dimensions are approximate. Engineering dimensions are available upon request. Specifications are subject to change without notice.

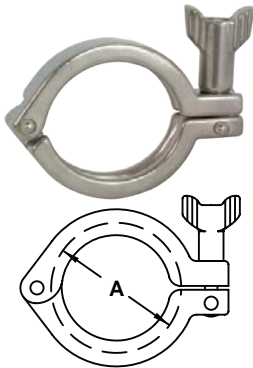


Single Pin Squeeze Clamps - 13MHHM-Q

Tube OD	Service Pressure Rating @ 70°F ¹	Service Pressure Rating @ 250°F ¹	Dimension A	Stainless Steel	
				Part #	Price/E
1/2" - 3/4"	1500	1200	1.062"	13MHHM-Q75	\$31.30
1" - 1 1/2"	500	300	2.122"	13MHHM-Q100150	38.10
2"	450	250	2.654"	13MHHM-Q200	44.60
2 1/2"	400	200	3.185"	13MHHM-Q250	57.50
3"	350	175	3.717"	13MHHM-Q300	60.35
4"	300	150	4.820"	13MHHM-Q400	70.05

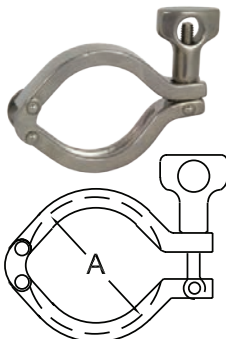
Single Pin Heavy Duty Clamps - 13MHHM
with cross hole wing nut

Tube OD	Service Pressure Rating @ 70°F ¹	Service Pressure Rating @ 250°F ¹	Dimension A	Stainless Steel	
				Part #	Price/E
1/2" - 3/4"	1500	1200	1.062"	13MHHM50-75	\$8.95
1" - 1 1/2"	500	300	2.122"	13MHHM100-150	15.95
2"	450	250	2.654"	13MHHM200	17.20
2 1/2"	400	200	3.185"	13MHHM250	19.65
3"	350	175	3.717"	13MHHM300	21.50
4"	300	150	4.820"	13MHHM400	27.10
5"	225	100	5.820"	13MHHM500	76.95
6"	150	75	6.695"	13MHHM600	57.90
8"	100	50	8.695"	13MHHM800	83.10

Single Pin Heavy Duty Clamps - 13MHHM***SN
with serrated wing nut

Tube OD	Service Pressure Rating @ 70°F ¹	Service Pressure Rating @ 250°F ¹	Dimension A	Stainless Steel	
				Part #	Price/E
1/2" - 3/4"	1500	1200	1.062"	13MHHM50-75SN	\$8.95
1" - 1 1/2"	500	300	2.122"	13MHHM100-150SN	15.95
2"	450	250	2.654"	13MHHM200SN	17.20
2 1/2"	400	200	3.185"	13MHHM250SN	19.65
3"	350	175	3.717"	13MHHM300SN	21.50
4"	300	150	4.820"	13MHHM400SN	27.10
5"	225	100	5.820"	13MHHM500SN	76.95
6"	150	75	6.695"	13MHHM600SN	57.90
8"	100	50	8.695"	13MHHM800SN	83.10

Double Pin Heavy Duty Clamps - 13MHHM-DP



Tube OD	Service Pressure Rating @ 70°F ¹	Service Pressure Rating @ 250°F ¹	Dimension A	Stainless Steel	
				Part #	Price/E
1" - 1 1/2"	500	300	2.122"	13MHHM-DP100150	\$19.80
2"	450	250	2.654"	13MHHM-DP200	22.55
2 1/2"	400	200	3.185"	13MHHM-DP250	26.05
3"	350	175	3.717"	13MHHM-DP300	29.35
4"	300	150	4.820"	13MHHM-DP400	35.80
10"	100	50	10.740"	13MHHM-DP1000	268.85

¹ wing nut tightened to 25 in. lb. of torque

Clamps

Three Segment Clamps - 13MHMM-3P

Tube OD	Service Pressure Rating @ 70°F ¹	Service Pressure Rating @ 250°F ¹	Dimension A	Stainless Steel	
				Part #	Price/E
1" - 1½"	600	300	2.122"	13MHMM-3P100150	\$27.90
2"	550	275	2.654"	13MHMM-3P200	31.80
2½"	450	225	3.185"	13MHMM-3P250	38.15
3"	350	175	3.717"	13MHMM-3P300	43.15
4"	300	150	4.820"	13MHMM-3P400	54.10
12"	75	50	12.740"	13MHMM-3P1200	647.00

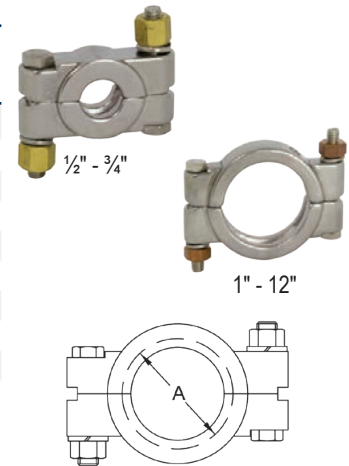
¹ wing nut should be tightened to 25 in. lb. of torque



Bolted Clamps - 13MHP

Tube OD	Service Pressure Rating @ 70°F ¹	Service Pressure Rating @ 250°F ¹	Dimension A	Stainless Steel	
				Part #	Price/E
½" - ¾"	1500	1200	1.062"	13MHP75	\$28.55
1" - 1½"	1500	1200	2.046"	13MHP100-150	31.20
2"	1000	800	2.578"	13MHP200	38.85
2½"	1000	800	3.110"	13MHP250	42.40
3"	1000	800	3.640"	13MHP300	51.60
4"	800	600	4.744"	13MHP400	58.30
6"	300	200	6.632"	13MHP600	94.80
8"	250	150	8.638"	13MHP800	257.40
10"	200	125	10.740"	13MHP1000	394.50
12"	150	100	12.740"	13MHP1200	444.85

¹ nuts should be tightened to 20 ft. lbs. of torque



Toggle Clamps - 13MHLA

Tube OD	Service Pressure Rating @ 70°F ¹	Service Pressure Rating @ 250°F ¹	Dimension A	304 Stainless Steel	
				Part #	Price/E
1" - 1½"	150	125	2.122"	13MHLA100-150	\$52.15
2"	150	125	2.654"	13MHLA200	54.60
2½"	150	125	3.185"	13MHLA250	58.70
3"	150	125	3.717"	13MHLA300	93.25
4"	100	75	4.820"	13MHLA400	99.10

¹ screw tightened to maximum



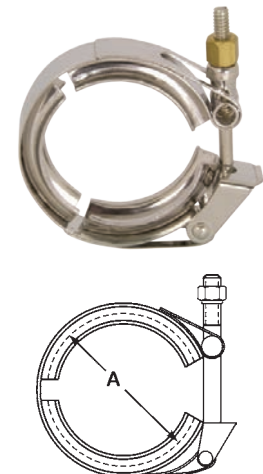
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T-bolt Clamps - 13MO

Tube OD	Service Pressure Rating @ 70°F ²	Service Pressure Rating @ 250°F ²	Dimension A	304 Stainless Steel	
				Part #	Price/E
1" - 1½"	500	250	2.080"	13MO100-150	\$34.30
2"	350	200	2.610"	13MO200	37.70
2½"	300	150	3.140"	13MO250	46.25
3"	200	100	3.670"	13MO300	47.15
4"	100	75	4.780"	13MO400	66.10
6"	75	50	6.690"	13MO600	91.50
8" ¹	50	40	8.690"	13MO800	136.40
10" ¹	40	30	10.690"	13MO1000	172.40
12" ¹	30	25	12.690"	13MO1200	229.40

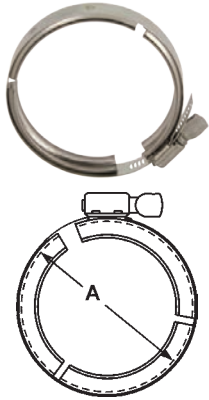
¹ 2 bolt configuration

² 1" - 3" nuts tightened to 20 in. lb., 4" nut tightened to 30 in. lb., 6" nut tightened to 40 in. lb. and 8" - 12" nuts tightened to 50 in. lb. of torque



Clamps

Dairy Clamps - 13WGC



Tube OD	Service Pressure Rating @ 70°F ¹	Dimension A	304 Stainless Steel	
			Part #	Price/E
1" - 1½"	80	2.080"	13WGC100-150	\$12.80
2"	80	2.610"	13WGC200	13.40
2½"	60	3.140"	13WGC250	16.45
3"	40	3.670"	13WGC300	17.70
4"	40	4.780"	13WGC400	21.00

¹ finger tight

Accessories

Spring Loaded Nut - 13SLN



Features:

- Beneficial for lines using PTFE gaskets that are subject to large temperature swings, as the PTFE is compressed through the cycling of the lines, the spring load will help keep the connection from leaking.
- If the lines suffer from vibration and bolted clamps are not an option, refitting single pin clamps with this nut will keep the connections from leaking for a longer time than with standard wing nuts.
- Spring loaded nuts can add a level of insurance to shipments, of transported material in tanks via truck, where vibrations can loosen the standard single pin clamps.
- can be used on all wing nut style clamps
- torque to 50 in. lb.

Thread	Dimension A	Dimension B	304 Stainless Steel	
			Part #	Price/E
5/16 - 18	1.73"	.875"	13SLN	\$92.25

N

Nuts and Bolts

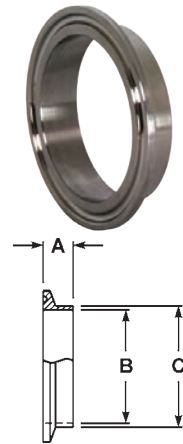


Description	Part #	Price/E
cross hole wing nut 5/16"-18	13WNX	\$11.70
mini cross hole wing nut 5/16"-18, for ½" - ¾" clamps	13WNXM	11.70
serrated wing nut 5/16"-18	13WNS	11.70
hex wing nut 5/16"-18	13WNH	7.80
bronze hex nut ⅜"-16, for bolted clamps	13BN	2.95
bolt 3/8"-16 x 2¼", for 1½" bolted clamps	13CB-2.25	9.50
bolt 3/8"-16 x 2¾", for 2" and 2½" bolted clamps	13CB-2.75	9.50
bolt 3/8"-16 x 3¼", for 3" - 12" bolted clamps	13CB-3.25	9.50
rivet pin, for ½" - 5" single pin clamps 5/16" x 1"	13RP	4.45
rivet pin, for 6" and 8" single pin clamps 5/16" x 1⅝"	13RP6	5.50
5/16"-18 x 2" threaded eye bolt, for ½" - 5" clamps	13IB	3.65
5/16"-18 x 2½" threaded eye bolt, for 6" - 12" clamps	13IB6	3.65
brass ⅜"-16 nuts, for 10" and 12" bolted clamps	13BNH	4.35
stainless steel hex nut, for bolted clamps	13SN	3.75
⅜" lockwasher 304 stainless steel, for bolted clamps	13LW	1.90

Clamp Ferrules

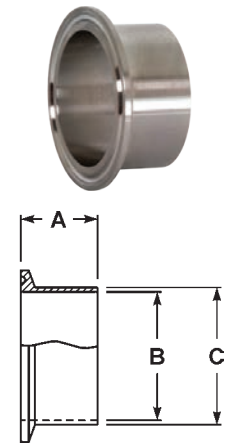
Short Weld Ferrules - 14WMP

Tube OD	Dimensions			304 Stainless Steel		316L Stainless Steel	
	A	B	C	Part #	Price/E	Part #	Price/E
½"	.500"	.370"	.500"	14WMP-G50	\$7.10	14WMP-R50	\$9.20
¾"	.500"	.620"	.750"	14WMP-G75	7.10	14WMP-R75	9.20
1"	.500"	.870"	1.000"	14WMP-G100	7.30	14WMP-R100	9.30
1½"	.500"	1.370"	1.500"	14WMP-G150	7.30	14WMP-R150	9.30
2"	.500"	1.870"	2.000"	14WMP-G200	8.70	14WMP-R200	11.40
2½"	.500"	2.370"	2.500"	14WMP-G250	12.50	14WMP-R250	18.00
3"	.500"	2.870"	3.000"	14WMP-G300	16.45	14WMP-R300	21.70
4"	.625"	3.834"	4.000"	14WMP-G400	26.10	14WMP-R400	32.25
5"	.750"	4.782"	5.000"	14WMP-G500	338.75	14WMP-R500	369.80
6"	.875"	5.782"	6.000"	14WMP-G600	114.85	14WMP-R600	138.20
8"	.875"	7.760"	8.000"	14WMP-G800	143.70	14WMP-R800	234.15
10"	.875"	9.782"	10.000"	14WMP-G1000	356.55	14WMP-R1000	457.50
12"	.875"	11.760"	12.000"	14WMP-G1200	559.45	14WMP-R1200	760.55



Long Weld Ferrules - L14AM7

Tube OD	Dimensions			304 Stainless Steel		316L Stainless Steel	
	A	B	C	Part #	Price/E	Part #	Price/E
½"	1.125"	.370"	.500"	L14AM7-G50	\$9.40	L14AM7-R50	\$12.05
¾"	1.125"	.620"	.750"	L14AM7-G75	9.40	L14AM7-R75	12.05
1"	1.125"	.870"	1.000"	L14AM7-G100	10.50	L14AM7-R100	13.80
1½"	1.125"	1.370"	1.500"	L14AM7-G150	10.50	L14AM7-R150	13.80
2"	1.125"	1.870"	2.000"	L14AM7-G200	13.20	L14AM7-R200	17.15
2½"	1.125"	2.370"	2.500"	L14AM7-G250	16.80	L14AM7-R250	25.80
3"	1.125"	2.870"	3.000"	L14AM7-G300	22.00	L14AM7-R300	31.00
4"	1.125"	3.834"	4.000"	L14AM7-G400	31.10	L14AM7-R400	41.65
6"	1.500"	5.782"	6.000"	L14AM7-G600	192.75	L14AM7-R600	221.60
8"	1.500"	7.760"	8.000"	L14AM7-G800	257.05	L14AM7-R800	459.20
10"	1.750"	9.782"	10.000"	L14AM7-G1000	542.85	L14AM7-R1000	751.55
12"	1.750"	11.760"	12.000"	L14AM7-G1200	829.65	L14AM7-R1200	993.80

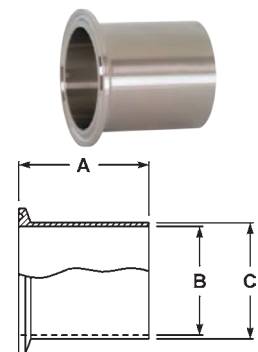


Automatic Weld Ferrules - TL14AM7

Specification:

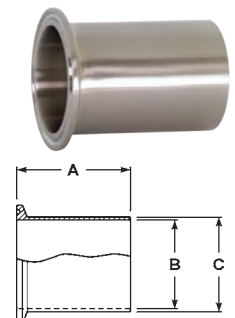
- meets ASME BPE-2012 specifications

Tube OD	Dimensions			316L Stainless Steel	
	A	B	C	Part #	Price/E
½"	1.750"	.370"	.500"	TL14AM7-050PL	\$20.35
¾"	1.750"	.620"	.750"	TL14AM7-075PL	20.35
1"	1.750"	.870"	1.000"	TL14AM7-100PL	25.35
1½"	1.750"	1.370"	1.500"	TL14AM7-150PL	27.15
2"	2.250"	1.870"	2.000"	TL14AM7-200PL	35.85
3"	2.250"	2.870"	3.000"	TL14AM7-300PL	68.90
4"	2.250"	3.834"	4.000"	TL14AM7-400PL	132.70



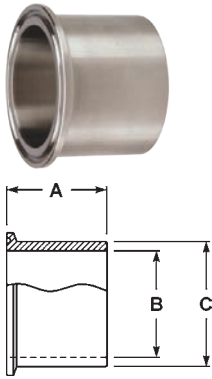
Tank Weld Ferrules (light duty) - 14WLMP

Tube OD	Dimensions			304 Stainless Steel		316L Stainless Steel	
	A	B	C	Part #	Price/E	Part #	Price/E
1"	3.000"	.870"	1.000"	14WLMP-G100	\$31.40	14WLMP-R100	\$86.70
1½"	3.000"	1.370"	1.500"	14WLMP-G150	31.40	14WLMP-R150	86.70
2"	3.000"	1.870"	2.000"	14WLMP-G200	37.15	14WLMP-R200	105.90
2½"	3.000"	2.370"	2.500"	14WLMP-G250	54.35	14WLMP-R250	150.45
3"	4.000"	2.870"	3.000"	14WLMP-G300	65.00	14WLMP-R300	200.00
4"	4.000"	3.834"	4.000"	14WLMP-G400	106.10	14WLMP-R400	300.20
6"	6.000"	5.782"	6.000"	14WLMP-G600	391.80	14WLMP-R600	607.60



Clamp Ferrules

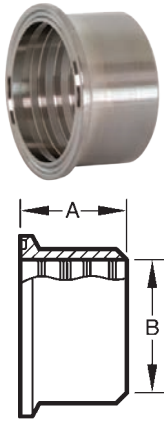
3 Tank Weld Ferrules (heavy duty) - 14MPW



Specification:

- certified ASME materials

Tube OD	Dimensions			316L Stainless Steel	
	A	B	C	Part #	Price/E
½"	1.625"	.321"	.502"	14MPW-R50	\$57.50
¾"	1.625"	.574"	.750"	14MPW-R75	57.50
1"	1.625"	.870"	1.160"	14MPW-R100	35.05
1½"	1.625"	1.370"	1.676"	14MPW-R150	35.05
2"	1.750"	1.870"	2.192"	14MPW-R200	44.55
2½"	1.750"	2.370"	2.708"	14MPW-R250	62.40
3"	1.813"	2.870"	3.224"	14MPW-R300	81.30
4"	2.125"	3.834"	4.256"	14MPW-R400	147.05
6"	2.500"	5.758"	6.192"	14MPW-R600	768.25

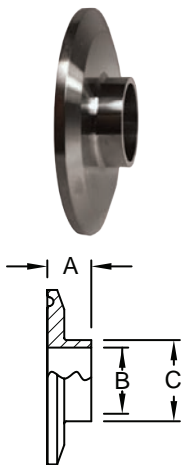
3¹ Roll-on Ferrules for Expanding - 14RMP

Tube OD	Dimensions		304 Stainless Steel		316L Stainless Steel	
	A	B	Part #	Price/E	Part #	Price/E
1"	.750"	1.005"	14RMP-G100	\$12.65	14RMP-R100	\$38.55
1½"	1.125"	1.505"	14RMP-G150	16.05	14RMP-R150	24.35
2"	1.312"	2.005"	14RMP-G200	21.10	14RMP-R200	36.80
2½"	1.375"	2.505"	14RMP-G250	28.30	14RMP-R250	111.15
3"	1.437"	3.005"	14RMP-G300	33.45	14RMP-R300	98.55
4"	1.500"	4.005"	14RMP-G400	35.25	14RMP-R400	192.30

¹ Meets 3-A Standard Number 63-03 when used to modify or repair existing on-site farm milk handling systems.

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3 Reducing Ferrules - B31WMP



Tube OD	Dimensions			304 Stainless Steel	
	A	B	C	Part #	Price/E
2" x 1"	.500"	.870"	1.000"	B31WMP-G200100	\$143.90
2½" x 1½"	.500"	1.370"	1.500"	B31WMP-G250150	287.00
2½" x 2"	.500"	1.870"	2.000"	B31WMP-G250200	260.60
3" x 2"	.500"	1.870"	2.000"	B31WMP-G300200	314.10
4" x 3"	.625"	2.870"	3.000"	B31WMP-G400300	603.35

Clamp Caps

Solid End Caps - 16AMP 

- Specify if you are using a piping system or a tubing system when ordering.

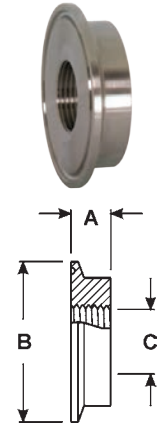
Tube OD	Dimensions		304 Stainless Steel		316L Stainless Steel	
	A	B	Part #	Price/E	Part #	Price/E
1/2" - 3/4"	.187"	.992"	16AMP-G50-75	\$5.75	16AMP-R50-75	\$8.45
1" - 1 1/2"	.250"	1.984"	16AMP-G100-150	7.90	16AMP-R100-150	9.65
2"	.250"	2.516"	16AMP-G200	8.80	16AMP-R200	12.50
2 1/2"	.250"	3.047"	16AMP-G250	13.15	16AMP-R250	18.50
3"	.250"	3.579"	16AMP-G300	18.05	16AMP-R300	24.45
4"	.312"	4.682"	16AMP-G400	33.50	16AMP-R400	46.95
5"	.312"	5.687"	16AMP-G500	537.10	16AMP-R500	610.15
6"	.437"	6.570"	16AMP-G600	128.70	16AMP-R600	158.85
8"	.437"	8.570"	16AMP-G800	303.30	16AMP-R800	355.55
10"	.437"	10.570"	16AMP-G1000	461.55	16AMP-R1000	906.05
12"	.437"	12.750"	16AMP-G1200	638.75	16AMP-R1200	1227.55



Thermometer Caps - B23BMP

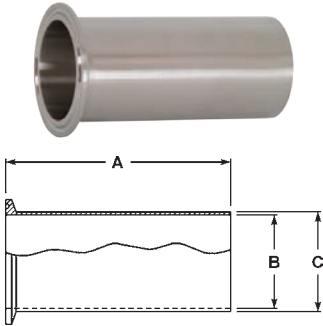
Tube OD	Dimensions			304 Stainless Steel		316L Stainless Steel	
	A	B	C ¹	Part #	Price/E	Part #	Price/E
1/2"	.500"	.993"	1/4" NPT	---	---	B23BMP-R5014	\$205.75
3/4"	.500"	.993"	1/4" NPT	---	---	B23BMP-R7514	245.85
1"	.625"	1.984"	1/2" NPT	B23BMP-G100	\$40.55	B23BMP-R100	51.45
1 1/2"	.625"	1.984"	3/4" NPT	B23BMP-G150	33.00	B23BMP-R150	51.45
2"	.625"	2.516"	3/4" NPT	B23BMP-G200	53.35	B23BMP-R200	68.25
2 1/2"	.625"	3.047"	3/4" NPT	B23BMP-G250	69.80	B23BMP-R250	110.70
3"	.625"	3.579"	3/4" NPT	B23BMP-G300	91.85	B23BMP-R300	118.70
4"	.625"	4.682"	3/4" NPT	B23BMP-G400	138.50	B23BMP-R400	183.65

¹ other NPT tap sizes available, call Dixon™



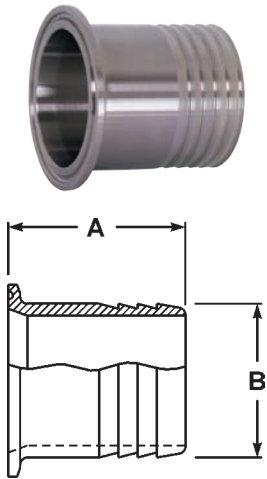
Clamp Adapters

Tygon® Hose Adapters - 14MPHT



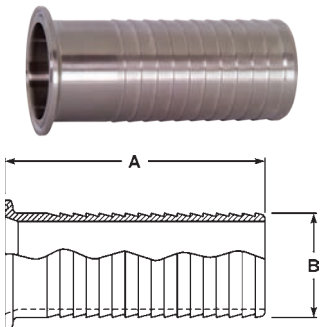
Tube OD	Dimensions			316L Stainless Steel	
	A	B	C	Part #	Price/E
¾"	4.000"	.620"	.750"	14MPHT-R75	\$192.70
1"	4.500"	.870"	1.000"	14MPHT-R100	65.70
1½"	4.500"	1.370"	1.500"	14MPHT-R150	65.70
2"	4.500"	1.870"	2.000"	14MPHT-R200	72.25
2½"	4.500"	2.370"	2.500"	14MPHT-R250	96.30
3"	4.500"	2.870"	3.000"	14MPHT-R300	120.15
4"	4.625"	3.834"	4.000"	14MPHT-R400	192.65

Rubber Hose Adapters - 14MPHR



Tube OD	Hose Size	Dimensions		304 Stainless Steel		316L Stainless Steel	
		A	B	Part #	Price/E	Part #	Price/E
½"	¼"	1.500"	.250"	---	---	14MPHR-R5025	124.80
½"	½"	1.500"	.500"	---	---	14MPHR-R50	92.00
½"	¾"	1.500"	.750"	---	---	14MPHR-R5075	124.80
¾"	¼"	1.500"	.250"	---	---	14MPHR-R7525	102.90
¾"	⅜"	1.500"	.375"	---	---	14MPHR-R75375	102.90
¾"	½"	1.500"	.500"	---	---	14MPHR-R7550	102.90
¾"	¾"	1.500"	.750"	---	---	14MPHR-R75	96.20
1"	⅜"	1.500"	.375"	---	---	14MPHR-R100375	186.90
1"	½"	1.500"	.500"	---	---	14MPHR-R10050	190.70
1"	¾"	1.688"	.750"	14MPHR-G10075	\$162.10	14MPHR-R10075	237.40
1"	1"	1.688"	1.000"	14MPHR-G100	38.95	14MPHR-R100	156.85
1½"	½"	1.500"	.500"	14MPHR-G15050	111.95	14MPHR-R15050	196.50
1½"	⅝"	1.500"	.625"	---	---	14MPHR-R150625	208.80
1½"	¾"	1.500"	.750"	14MPHR-G15075	111.95	14MPHR-R15075	196.50
1½"	1"	1.687"	1.000"	14MPHR-G150100	105.25	14MPHR-R150100	165.45
1½"	1½"	1.689"	1.500"	14MPHR-G150	45.80	14MPHR-R150	132.60
2"	1½"	2.312"	1.500"	14MPHR-G200150	204.15	14MPHR-R200150	281.00
2"	2"	2.312"	2.000"	14MPHR-G200	61.55	14MPHR-R200	152.30
2½"	2½"	2.344"	2.500"	14MPHR-G250	90.20	14MPHR-R250	257.35
3"	3"	3.094"	3.000"	14MPHR-G300	106.70	14MPHR-R300	306.35
4"	4"	3.406"	4.000"	14MPHR-G400	152.40	14MPHR-R400	637.75
6"	6"	3.406"	6.000"	14MPHR-G600	1232.65	14MPHR-R600	1848.60

Brewery Hose Barb Adapters - 14MPHRL



Feature:

- suitable for use with band clamps

Tube OD	Dimensions		304 Stainless Steel	
	A	B	Part #	Price/E
1"	3.500"	1.045"	14MPHRL100	\$57.95
1½"	5.000"	1.545"	14MPHRL150	65.70
2"	5.000"	2.045"	14MPHRL200	84.05
2½"	5.500"	2.545"	14MPHRL250	102.65
3"	5.500"	3.045"	14MPHRL300	135.10
4"	5.500"	4.045"	14MPHRL400	187.65

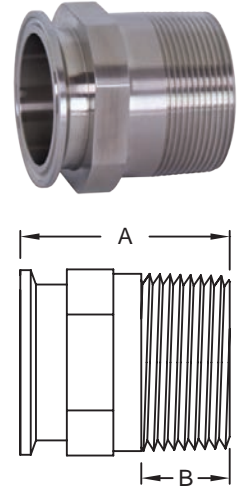


Use of PVC tubing requires special installation techniques to prevent leakage. All assembly work must be done with heated tube. Cold durometer is 90 as opposed to rubber hose at 65 to 70 durometer. Banding buckles must be at 180° from one another.

Clamp Adapters

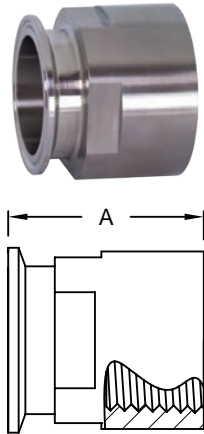
Clamp x Male NPT Adapters - 21MP

Tube OD	NPT Size	Dimensions		304 Stainless Steel		316L Stainless Steel	
		A	B	Part #	Price/E	Part #	Price/E
1/2"	1/4"	2.000"	.595"	---	---	21MP-R5025	\$87.80
1/2"	3/8"	2.000"	.600"	---	---	21MP-R50375	87.80
1/2"	1/2"	1.625"	.782"	---	---	21MP-R50	75.40
1/2"	3/4"	2.000"	.794"	---	---	21MP-R5075	107.05
3/4"	1/4"	2.000"	.595"	---	---	21MP-R7525	97.55
3/4"	3/8"	2.000"	.600"	---	---	21MP-R75375	154.85
3/4"	1/2"	2.000"	.782"	---	---	21MP-R7550	97.55
3/4"	3/4"	1.787"	.794"	---	---	21MP-R75	63.90
1"	1/2"	2.187"	.782"	21MP-G10050	\$135.30	21MP-R10050	148.15
1"	3/4"	2.187"	.794"	21MP-G10075	93.60	21MP-R10075	148.15
1"	1"	2.250"	.985"	21MP-G100	90.25	21MP-R100	105.70
1"	1 1/4"	2.438"	1.009"	21MP-G100125	196.20	21MP-R100125	212.55
1"	1 1/2"	2.438"	1.025"	21MP-G100150	186.70	21MP-R100150	212.85
1"	2"	2.625"	1.058"	21MP-G100200	310.85	21MP-R100200	544.60
1 1/2"	3/8"	2.187"	.600"	21MP-G150375	182.75	21MP-R150375	228.70
1 1/2"	1/2"	2.187"	.782"	21MP-G15050	144.70	21MP-R15050	166.55
1 1/2"	3/4"	2.187"	.794"	21MP-G15075	150.90	21MP-R15075	172.80
1 1/2"	1"	2.437"	.985"	21MP-G150100	93.15	21MP-R150100	102.05
1 1/2"	1 1/4"	2.438"	1.009"	21MP-G150125	164.50	21MP-R150125	179.65
1 1/2"	1 1/2"	2.250"	1.025"	21MP-G150	89.35	21MP-R150	104.25
1 1/2"	2"	2.625"	1.058"	21MP-G150200	207.75	21MP-R150200	341.25
2"	1/2"	2.188"	.782"	21MP-G20050	347.00	21MP-R20050	441.90
2"	3/4"	2.188"	.794"	21MP-G20075	290.95	21MP-R20075	375.85
2"	1"	2.469"	.985"	21MP-G200100	226.55	21MP-R200100	274.35
2"	1 1/2"	2.625"	1.009"	21MP-G200150	107.20	21MP-R200150	146.30
2"	2"	2.638"	1.058"	21MP-G200	107.90	21MP-R200	153.45
2 1/2"	1/2"	2.781"	.782"	21MP-G25050	643.20	---	---
2 1/2"	1"	2.781"	.782"	21MP-G250100	495.90	21MP-R250100	695.90
2 1/2"	1 1/2"	2.781"	1.025"	21MP-G250150	381.40	21MP-R250150	455.55
2 1/2"	2"	2.781"	1.058"	21MP-G250200	337.65	21MP-R250200	409.75
2 1/2"	2 1/2"	2.875"	1.571"	21MP-G250	207.90	21MP-R250	430.60
3"	1 1/2"	3.000"	1.009"	21MP-G300150	572.20	21MP-R300150	694.55
3"	2"	3.000"	1.058"	21MP-G300200	572.20	21MP-R300200	694.55
3"	3"	3.070"	1.634"	21MP-G300	186.55	21MP-R300	269.15
4"	4"	3.155"	1.734"	21MP-G400	278.90	21MP-R400	606.30



Clamp Adapters

Clamp x Female NPT Adapters - 22MP



Tube OD	NPT Size	Dimension A	304 Stainless Steel		316L Stainless Steel	
			Part #	Price/E	Part #	Price/E
1/2"	1/4"	1.500"	---	---	22MP-R5025	\$68.05
1/2"	3/8"	1.500"	---	---	22MP-R50375	187.25
1/2"	1/2"	1.500"	---	---	22MP-R50	75.00
1/2"	3/4"	1.500"	---	---	22MP-R5075	187.25
3/4"	1/4"	1.500"	---	---	22MP-R7525	197.65
3/4"	1/2"	1.625"	---	---	22MP-R7550	148.85
3/4"	3/4"	1.625"	---	---	22MP-R75	73.55
1"	1/4"	1.625"	---	---	22MP-R10025	249.70
1"	1/2"	1.625"	22MP-G10050	\$207.75	22MP-R10050	223.85
1"	3/4"	1.625"	22MP-G10075	207.75	22MP-R10075	223.85
1"	1"	1.625"	22MP-G100	86.35	22MP-R100	114.70
1"	1 1/4"	1.625"	---	---	22MP-R100125	376.65
1 1/2"	1/2"	1.625"	22MP-G15050	218.60	22MP-R15050	231.30
1 1/2"	3/4"	1.625"	22MP-G15075	163.95	22MP-R15075	231.30
1 1/2"	1"	2.250"	22MP-G150100	80.55	22MP-R150100	98.40
1 1/2"	1 1/2"	2.250"	22MP-G150	90.10	22MP-R150	120.95
1 1/2"	2"	2.500"	22MP-G150200	282.20	22MP-R150200	334.05
2"	1"	1.687"	22MP-G200100	368.30	22MP-R200100	373.25
2"	1 1/2"	2.344"	22MP-G200150	113.00	22MP-R200150	341.50
2"	2"	2.406"	22MP-G200	113.15	22MP-R200	150.90
2"	2 1/2"	2.406"	22MP-G200250	373.25	---	---
2 1/2"	2"	2.093"	22MP-G250200	566.70	22MP-R250200	578.90
2 1/2"	2 1/2"	2.187"	22MP-G250	264.05	22MP-R250	395.35
3"	2"	2.187"	22MP-G300200	622.85	22MP-R300200	936.00
3"	2 1/2"	2.187"	22MP-G300250	641.50	---	---
3"	3"	2.187"	22MP-G300	185.10	22MP-R300	278.85
4"	4"	3.652"	22MP-G400	322.60	22MP-R400	669.70

See pages 829-834 for pipe thread data.

Transition Fittings ¹

Cam and Groove Adapter x Clamp End



Size	316 Stainless Steel Part #	Price/E
1 1/2"	RE150SE	\$162.75
2"	RE200SE	180.00
3"	RE300SE	378.00

Cam and Groove Coupler x Clamp End



Size	316 Stainless Steel Part #	Price/E
1 1/2"	RC150SE	\$270.00
2"	RC200SE	310.50
3"	RC300SE	490.00

¹ for all other cam and groove options see section C

Dixon™ Weld to Tube Cam and Groove ¹

Features:

- designed to be welded to standard sanitary tubing
- 316 stainless steel investment casting

Cam and Groove Adapter x Weld to Tube End



Size	316 Stainless Steel Part #	Price/E
1"	RE100BT	\$130.00
1 1/2"	RE150BT	147.30
2"	RE200BT	169.15
3"	RE300BT	357.00

Boss-Lock Coupler x Weld to Tube End



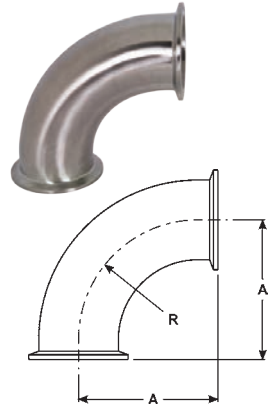
Size	316 Stainless Steel Part #	Price/E
1"	RC100BT	\$195.00
1 1/2"	RC150BT	240.00
2"	RC200BT	260.00
3"	RC300BT	425.00

¹ for all other cam and groove options see section C

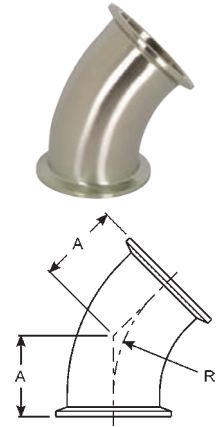
Clamp Elbows

90° Clamp Elbows - B2CMP 

Tube OD	Dimensions		304 Stainless Steel		316L Stainless Steel	
	A	R	Part #	Price/E	Part #	Price/E
½"	1.625"	1.125"	---	---	B2CMP-R50	\$98.05
¾"	1.625"	1.125"	---	---	B2CMP-R75	112.70
1"	2.000"	1.500"	B2CMP-G100	\$46.40	B2CMP-R100	59.95
1½"	2.750"	2.250"	B2CMP-G150	48.00	B2CMP-R150	64.35
2"	3.500"	3.000"	B2CMP-G200	63.50	B2CMP-R200	85.10
2½"	4.250"	3.750"	B2CMP-G250	86.25	B2CMP-R250	121.40
3"	5.000"	4.500"	B2CMP-G300	122.15	B2CMP-R300	168.80
4"	6.625"	6.000"	B2CMP-G400	206.45	B2CMP-R400	255.05
6"	9.875"	9.000"	B2CMP-G600	690.15	B2CMP-R600	849.20

45° Clamp Elbows - B2KMP 

Tube OD	Dimensions		304 Stainless Steel		316L Stainless Steel	
	A	R	Part #	Price/E	Part #	Price/E
½"	.996"	1.125"	---	---	B2KMP-R50	\$102.30
¾"	.966"	1.125"	---	---	B2KMP-R75	125.45
1"	1.125"	1.500"	B2KMP-G100	\$40.95	B2KMP-R100	54.35
1½"	1.437"	2.250"	B2KMP-G150	44.15	B2KMP-R150	59.70
2"	1.750"	3.000"	B2KMP-G200	62.20	B2KMP-R200	77.45
2½"	2.062"	3.750"	B2KMP-G250	84.40	B2KMP-R250	111.65
3"	2.375"	4.500"	B2KMP-G300	114.20	B2KMP-R300	145.80
4"	3.125"	6.000"	B2KMP-G400	186.50	B2KMP-R400	236.00
6"	4.625"	9.000"	B2KMP-G600	703.65	B2KMP-R600	1006.60

90° Clamp x Plain Bevel Seat with Hex Nut Elbows - B2FMP-14 

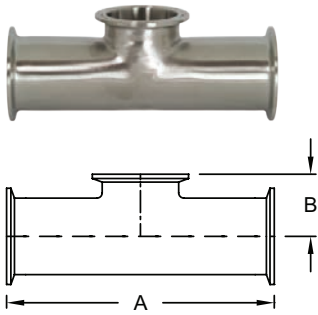
Tube OD	Dimensions		304 Stainless Steel	
	A	B	Part #	Price/E
2"	3.750"	3.500"	B2FMP-14-G200	\$225.25
2½"	4.625"	4.250"	B2FMP-14-G250	287.00
3"	5.406"	5.000"	B2FMP-14-G300	400.70



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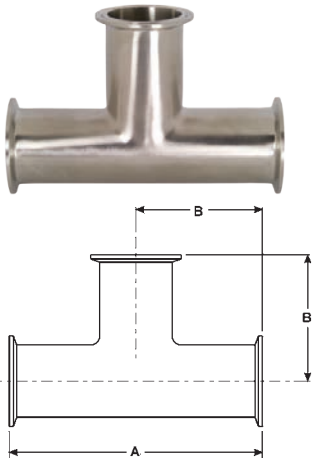
Clamp Tees

3 Short Outlet Clamp Tees - B7MPS



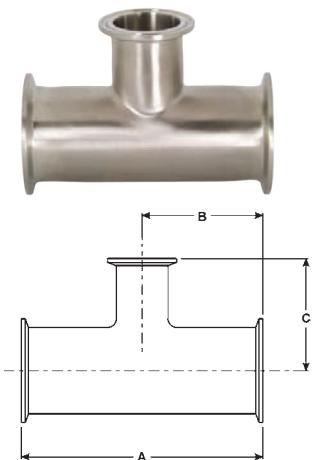
Tube OD	Dimensions		316L Stainless Steel	
	A	B	Part #	Price/E
1½"	5.500"	1.375"	B7MPS-R150	\$281.40
2"	7.000"	1.625"	B7MPS-R200	325.50
2½"	7.000"	1.875"	B7MPS-R250	348.95

3 Clamp Tees - B7MP



Tube OD	Dimensions		304 Stainless Steel		316L Stainless Steel	
	A	B	Part #	Price/E	Part #	Price/E
½"	4.750"	2.375"	---	---	B7MP-R50	\$168.70
¾"	5.000"	2.500"	---	---	B7MP-R75	149.25
1"	4.750"	2.375"	B7MP-G100	\$73.95	B7MP-R100	119.55
1½"	5.500"	2.750"	B7MP-G150	84.75	B7MP-R150	117.40
2"	7.000"	3.500"	B7MP-G200	105.00	B7MP-R200	136.30
2½"	7.000"	3.500"	B7MP-G250	134.10	B7MP-R250	182.80
3"	7.500"	3.750"	B7MP-G300	181.90	B7MP-R300	255.00
4"	9.000"	4.500"	B7MP-G400	249.55	B7MP-R400	343.25
6"	13.000"	6.500"	B7MP-G600	1205.50	B7MP-R600	1448.05
8"	15.750"	7.875"	B7MP-G800	2181.95	B7MP-R800	3551.45

3 Clamp Reducing Tees - B7RMP



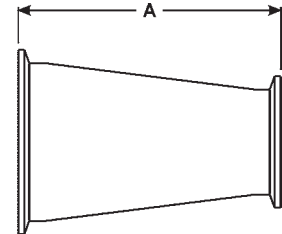
Tube OD	Dimensions			304 Stainless Steel		316L Stainless Steel	
	A	B	C	Part #	Price/E	Part #	Price/E
1" x ¾"	5.250"	2.625"	2.625"	---	---	B7RMP-R10075	\$227.75
1½" x ½"	5.750"	2.875"	2.875"	---	---	B7RMP-R15050	232.10
1½" x 1"	4.312"	2.156"	1.875"	---	---	B7RMP-R150100	179.15
2" x ½"	6.750"	3.375"	3.125"	---	---	B7RMP-R20050	702.90
2" x ¾"	6.750"	3.375"	3.125"	---	---	B7RMP-R20075	739.15
2" x 1"	5.125"	2.562"	2.125"	B7RMP-G200100	\$210.45	B7RMP-R200100	216.50
2" x 1½"	5.125"	2.562"	2.406"	B7RMP-G200150	171.10	B7RMP-R200150	235.05
2½" x 1½"	5.688"	2.844"	2.812"	B7RMP-G250150	226.30	B7RMP-R250150	316.15
2½" x 2"	5.688"	2.844"	2.812"	B7RMP-G250200	202.70	B7RMP-R250200	242.95
3" x 1½"	6.188"	3.093"	2.906"	B7RMP-G300150	277.50	B7RMP-R300150	427.80
3" x 2"	6.188"	3.093"	3.063"	B7RMP-G300200	234.15	B7RMP-R300200	350.35
4" x 1½"	8.125"	4.063"	3.406"	B7RMP-G400150	373.85	---	---
4" x 2"	8.125"	4.063"	3.563"	B7RMP-G400200	366.55	---	---

N

Clamp Reducers

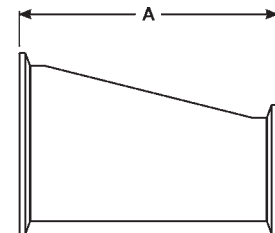
Clamp Concentric Reducers - B3114MP

Tube OD	Dimension A	304 Stainless Steel		316L Stainless Steel	
		Part #	Price/E	Part #	Price/E
1" x 1/2"	3.000"	---	---	B3114MP-R10050	\$226.70
1" x 3/4"	2.000"	---	---	B3114MP-R10075	193.95
1 1/2" x 1/2"	5.000"	---	---	B3114MP-R15050	292.70
1 1/2" x 3/4"	4.000"	---	---	B3114MP-R15075	292.60
1 1/2" x 1"	3.000"	B3114MP-G150100	\$77.15	B3114MP-R150100	84.40
2" x 3/4"	6.000"	---	---	B3114MP-R20075	476.95
2" x 1"	5.000"	B3114MP-G200100	105.75	B3114MP-R200100	127.30
2" x 1 1/2"	3.000"	B3114MP-G200150	81.10	B3114MP-R200150	89.80
2 1/2" x 1 1/2"	5.000"	B3114MP-G250150	113.40	B3114MP-R250150	121.50
2 1/2" x 2"	3.000"	B3114MP-G250200	98.10	B3114MP-R250200	111.10
3" x 1 1/2"	7.000"	B3114MP-G300150	192.75	B3114MP-R300150	235.50
3" x 2"	5.000"	B3114MP-G300200	132.30	B3114MP-R300200	152.95
3" x 2 1/2"	3.000"	B3114MP-G300250	120.95	B3114MP-R300250	134.40
4" x 1 1/2"	11.125"	B3114MP-G400150	436.50	B3114MP-R400150	548.25
4" x 2"	9.125"	B3114MP-G400200	248.55	B3114MP-R400200	280.15
4" x 2 1/2"	7.125"	B3114MP-G400250	282.40	B3114MP-R400250	296.05
4" x 3"	5.125"	B3114MP-G400300	168.55	B3114MP-R400300	179.30
6" x 4"	7.000"	B3114MP-G600400	678.45	---	---



Clamp Eccentric Reducers - B3214MP

Tube OD	Dimension A	304 Stainless Steel		316L Stainless Steel	
		Part #	Price/E	Part #	Price/E
1 1/2" x 1"	3.000"	B3214MP-G150100	\$87.15	B3214MP-R150100	\$119.10
2" x 1"	5.000"	B3214MP-G200100	205.30	B3214MP-R200100	326.30
2" x 1 1/2"	3.000"	B3214MP-G200150	99.10	B3214MP-R200150	149.10
2 1/2" x 1 1/2"	5.000"	B3214MP-G250150	122.30	B3214MP-R250150	208.60
2 1/2" x 2"	3.000"	B3214MP-G250200	115.15	B3214MP-R250200	191.45
3" x 1 1/2"	7.000"	B3214MP-G300150	222.15	B3214MP-R300150	249.75
3" x 2"	5.000"	B3214MP-G300200	160.50	B3214MP-R300200	177.05
3" x 2 1/2"	3.000"	B3214MP-G300250	194.55	B3214MP-R300250	203.30
4" x 2"	9.125"	B3214MP-G400200	307.40	B3214MP-R400200	325.45
4" x 2 1/2"	7.125"	B3214MP-G400250	299.35	B3214MP-R400250	381.05
4" x 3"	5.125"	B3214MP-G400300	218.65	B3214MP-R400300	316.85
6" x 3"	6.875"	B3214MP-G600300	943.80	---	---
6" x 4"	7.000"	B3214MP-G600400	1028.00	---	---

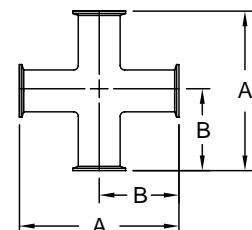


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Clamp Crosses

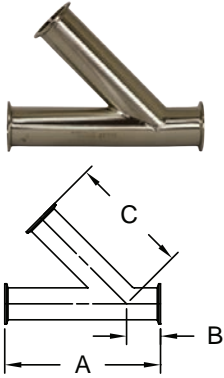
Clamp Crosses - B9MP

Tube OD	Dimensions		304 Stainless Steel		316L Stainless Steel	
	A	B	Part #	Price/E	Part #	Price/E
1"	4.750"	2.375"	B9MP-G100	\$281.60	B9MP-R100	\$311.75
1 1/2"	5.500"	2.750"	B9MP-G150	273.85	B9MP-R150	331.75
2"	7.000"	3.500"	B9MP-G200	297.20	B9MP-R200	382.40
3"	7.500"	3.750"	B9MP-G300	461.25	B9MP-R300	738.65
4"	9.000"	4.500"	B9MP-G400	833.65	B9MP-R400	1190.10



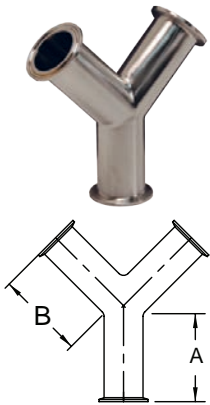
Miscellaneous Configurations

Clamp Laterals - *B28AMP*



Tube OD	Dimensions			316L Stainless Steel	
	A	B	C	Part #	Price/E
1"	7.000"	1.500"	5.500"	B28AMP-R100	\$581.65
1½"	8.375"	1.688"	6.688"	B28AMP-R150	583.10
2"	9.750"	2.125"	7.625"	B28AMP-R200	621.85
3"	11.750"	2.375"	9.375"	B28AMP-R300	935.10
4"	14.062"	2.640"	11.312"	B28AMP-R400	1690.85

Clamp True Wyes - *B28BMP*

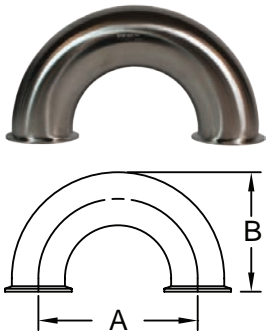


Tube OD	Dimensions		316L Stainless Steel	
	A	B	Part #	Price/E
1"	2.500"	2.938"	B28BMP-R100	\$585.15
1½"	2.500"	2.938"	B28BMP-R150	582.85
2"	3.125"	3.750"	B28BMP-R200	621.50
3"	4.500"	5.375"	B28BMP-R300	995.45
4"	6.000"	6.000"	B28BMP-R400	1712.05

Clamp 180° Return Bends - *B2WUMP*

Feature:

- bends are the standard 1.5 x tube diameter



Tube OD	Dimensions		316L Stainless Steel	
	A	B	Part #	Price/E
1"	3.000"	2.500"	B2WUMP-R100	\$279.20
1½"	4.500"	3.500"	B2WUMP-R150	305.15
2"	6.000"	4.500"	B2WUMP-R200	406.85
3"	9.000"	6.500"	B2WUMP-R300	711.85
4"	12.000"	8.625"	B2WUMP-R400	984.50

Clamp End Protection Covers - *BCC*

Feature:

- Use these covers to protect all clamp ends on fittings, valves, filters and pumps.



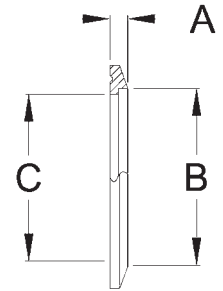
Size	Vinyl Plastic Part Number	Price/E
½"	BCC-050	\$1.50
¾"	BCC-075	1.50
1"	BCC-100	2.15
1½"	BCC-150	2.15
2"	BCC-200	2.80
2½"	BCC-250	3.65
3"	BCC-300	4.85
4"	BCC-400	6.35
6"	BCC-600	16.10
8"	BCC-800	29.45

Quick Weld Ferrules

Features:

- 304 stainless construction
- just slip onto sanitary OD tube and weld
- butt weld is not needed

Tube OD	Dimensions			304 Stainless Steel	
	A	B	C	Part #	Price/E
1"	0.290"	1.005"	0.870"	14QMP-G100	\$7.45
1½"	0.199"	1.505"	1.370"	14QMP-G150	7.45
2"	0.205"	2.005"	1.870"	14QMP-G200	9.50
2½"	0.210"	2.505"	2.370"	14QMP-G250	11.45
3"	0.257"	3.005"	2.870"	14QMP-G300	14.35
4"	0.235"	4.005"	3.834"	14QMP-G400	21.80
6"	0.321"	6.005"	5.782"	14QMP-G600	56.15



Breakaway Coupling - Clamp

Applications:

- Minimizes spillage and damage associated with pull away and drive away incidents

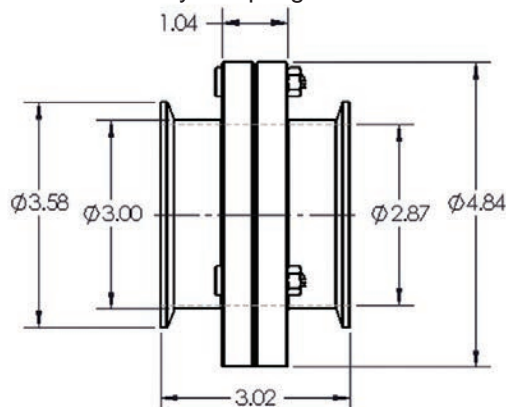
Features:

- designed to be installed between a fixed point and a hose
- coupling breaks away with an excessive load
- EPDM standard clamp gasket
- working pressure: 350 PSI @ 70°F
- 13kN break load bolts standard, other break loads available
- 316 stainless steel polished to standard <math><32R_a</math>, 3A finish
- other sizes, gaskets and connections available, contact Dixon™




Size	316 Stainless Steel	
	Part #	Price/E
3"	SBC-E300CC13	\$613.80

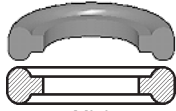
Breakaway Coupling Dimensions



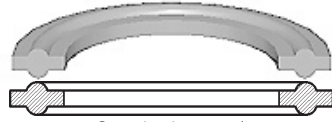
Clamp Gaskets

Features:

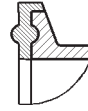
Gasket materials approved by  (3A), and the USDA and complies with FDA's 21CFR177.2600 and 1550. PSI Service Ratings for the sanitary clamps DO NOT APPLY to connections (1" and above) using any PTFE gaskets, due to the potential for cold flow under normal operating conditions. PTFE gaskets, when used with any clamp, are likely to leak at pressures far below the published service ratings. This restriction does not apply to the fractionally sized 1/2" and 3/4" connections, due to their recessed, fully contained design.



Mini



Standard - type 1



Flanged - type 2

Buna-N Clamp Gaskets - Black

Type 1 - Standard
1/2" - 3/4"Type 1 - Standard
1" and larger

Features:

- color code: red dot
- meets 21CFR 177.2600

Size	Part #	Price/E
1/2"	42MP-U50	\$1.70
3/4"	42MP-U75	2.60
1"	40MP-U100	0.85
1 1/2"	40MP-U150	0.70
2"	40MP-U200	0.85
2 1/2"	40MP-U250	0.90
3"	40MP-U300	1.05
4"	40MP-U400	1.75
5"	40MP-U500	8.60
6"	40MP-U600	19.00
8"	40MP-U800	27.30

Buna-N Clamp Gaskets - White

Type 1 - Standard
1/2" - 3/4"Type 1 - Standard
1" and larger

Features:

- color code: red dot
- meets 21CFR 177.2600

Size	Part #	Price/E
1/2"	42MP-UW50	\$2.80
3/4"	42MP-UW75	3.20
1"	40MP-UW100	1.50
1 1/2"	40MP-UW150	1.40
2"	40MP-UW200	1.65
2 1/2"	40MP-UW250	1.55
3"	40MP-UW300	1.75
4"	40MP-UW400	3.20
6"	40MP-UW600	31.35

EPDM Clamp Gaskets - Black

Type 1 - Standard
1/2" - 3/4"Type 1 - Standard
1" and larger

Features:

- color code: three green dots
- peroxide cured
- meets 21CFR 177.2600
- passed USP Class VI Cytotoxicity testing

Size	Part #	Price/E
1/2"	42MP-E50	\$2.15
3/4"	42MP-E75	2.45
1"	40MP-E100	2.15
1 1/2"	40MP-E150	2.05
2"	40MP-E200	2.15
2 1/2"	40MP-E250	2.75
3"	40MP-E300	3.20
4"	40MP-E400	3.45
6"	40MP-E600	20.65

FKM Clamp Gaskets - Black

Type 1 - Standard
1/2" - 3/4"Type 1 - Standard
1" and larger

Features:

- color code: one white dot, one yellow dot
- peroxide cured
- meets 21CFR 177.2600
- passed USP Class VI Cytotoxicity testing

Size	Part #	Price/E
1/2"	42MP-SFY50	\$5.65
3/4"	42MP-SFY75	6.00
1"	40MP-SFY100	6.00
1 1/2"	40MP-SFY150	4.45
2"	40MP-SFY200	4.70
2 1/2"	40MP-SFY250	8.30
3"	40MP-SFY300	11.35
4"	40MP-SFY400	15.50
6"	40MP-SFY600	56.05

See pages 471-472 for sizing charts.

Clamp Gaskets

Silicone Clamp Gaskets - *White*

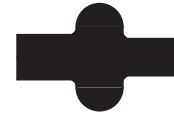
Size	Part #	Price/E
1/2"	42MP-XW50	\$2.95
3/4"	42MP-XW75	3.25
1"	40MP-XW100	3.20
1 1/2"	40MP-XW150	2.70
2"	40MP-XW200	3.20
2 1/2"	40MP-XW250	4.30
3"	40MP-XW300	4.65
4"	40MP-XW400	5.65
6"	40MP-XW600	37.80

Type 1 - Standard
1/2" - 3/4"Type 1 - Standard
1" and larger**Features:**

- color code: pink dot
- peroxide cured
- meets 21CFR 177.2600
- passed USP Class VI Cytotoxicity testing

Silicone Clamp Gaskets - *Clear*

Size	Part #	Price/E
1/2"	42MP-XC50	\$2.95
3/4"	42MP-XC75	3.25
1"	40MP-XC100	4.30
1 1/2"	40MP-XC150	4.30
2"	40MP-XC200	4.45
2 1/2"	40MP-XC250	5.25
3"	40MP-XC300	6.00
4"	40MP-XC400	8.30

Type 1 - Standard
1/2" - 3/4"Type 1 - Standard
1" and larger**Features:**

- color code: no dot
- peroxide cured
- meets 21CFR 177.2600

PTFE Clamp Gaskets - *White*

Size	Part #	Price/E
1/2"	42MP-G50	\$3.20
3/4"	42MP-G75	2.95
1"	40MP-G100	2.80
1 1/2"	40MP-G150	2.00
2"	40MP-G200	2.45
2 1/2"	40MP-G250	3.25
3"	40MP-G300	3.25
4"	40MP-G400	9.45
5"	40MP-G500	76.45
6"	40MP-G600	42.05
8"	40MP-G800	72.30
10"	40MP-G1000	86.20
12"	40MP-G1200	235.45

Type 1 - Standard
1/2" - 3/4"Type 1 - Standard
1" and larger**Features:**

- color code: no dot
- meets 21CFR 177.1550
- passed USP Class VI Cytotoxicity testing
- not recommended for use with bolted clamps



PTFE is a material subject to plastic flow. When cycled through heat and then cooled down in process lines, PTFE gaskets will not return to the original configuration and it will continue to compress as the cycling continues. This plastic flow will allow leakage if clamp torques are not maintained.

See pages 471-472 for sizing charts.

Metal Detectable Clamp Gaskets

Feature:

- impregnated with stainless steel particles which allows a gasket or gasket pieces to be found with metal detection equipment

Buna-N Metal Detectable Clamp Gaskets



Type 1 - Standard
1" and larger

Features:

- good general use where temperature extremes do not exist
- minimum temperature: **-20°F**
- maximum temperature: **212°F**

Size	Part #	Price/E
1"	40MP-UZ100	\$3.65
1½"	40MP-UZ150	3.35
2"	40MP-UZ200	3.60
2½"	40MP-UZ250	5.80
3"	40MP-UZ300	6.05
4"	40MP-UZ400	6.60

EPDM Metal Detectable Clamp Gaskets



Type 1 - Standard
1" and larger

Features:

- resistant to steam, water and base solutions
- minimum temperature: **-70°F**
- maximum temperature: **310°F**

Size	Part #	Price/E
1"	40MP-EZ100	\$5.00
1½"	40MP-EZ150	4.85
2"	40MP-EZ200	5.10
2½"	40MP-EZ250	6.60
3"	40MP-EZ300	7.30
4"	40MP-EZ400	9.65

FKM Metal Detectable Clamp Gaskets



Type 1 - Standard
1" and larger

Features:

- resistant to steam, heat and high acid solutions
- minimum temperature: **-20°F**
- maximum temperature: **410°F**

Size	Part #	Price/E
1"	40MP-SFYZ100	\$11.15
1½"	40MP-SFYZ150	11.55
2"	40MP-SFYZ200	11.20
2½"	40MP-SFYZ250	19.90
3"	40MP-SFYZ300	22.80
4"	40MP-SFYZ400	29.00

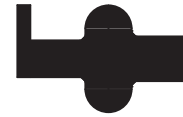
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See pages 471-472 for sizing charts.

Clamp Gaskets

Buna-N Flanged Clamp Gaskets - *Black*

Size	Part #	Price/E
1"	40MPF-U100	\$2.00
1½"	40MPF-U150	1.75
2"	40MPF-U200	2.00
2½"	40MPF-U250	2.45
3"	40MPF-U300	3.25
4"	40MPF-U400	4.45
6"	40MPF-U600	27.35
8"	40MPF-U800	44.00
10"	40MPF-U1000	78.90
12"	40MPF-U1200	96.15



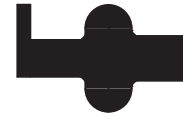
Type 2 - Flanged
1" and larger

Features:

- color code: red dot
- meets 21CFR 177.2600
- not recommended for use with bolted clamps

Buna-N Flanged Clamp Gaskets - *White*

Size	Part #	Price/E
1"	40MPF-UW100	\$3.10
1½"	40MPF-UW150	2.45
2"	40MPF-UW200	2.70
2½"	40MPF-UW250	4.70
3"	40MPF-UW300	4.70
4"	40MPF-UW400	6.40
6"	40MPF-UW600	36.45



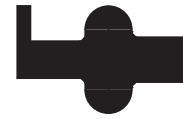
Type 2 - Flanged
1" and larger

Features:

- color code: red dot
- meets 21CFR 177.2600
- not recommended for use with bolted clamps

EPDM Flanged Clamp Gaskets - *Black*

Size	Part #	Price/E
1"	40MPF-E100	\$3.55
1½"	40MPF-E150	3.25
2"	40MPF-E200	3.60
2½"	40MPF-E250	5.30
3"	40MPF-E300	6.20
4"	40MPF-E400	6.25
6"	40MPF-E600	43.60
8"	40MPF-E800	63.30
10"	40MPF-E1000	69.10
12"	40MPF-E1200	79.70



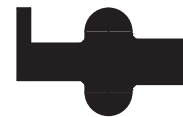
Type 2 - Flanged
1" and larger

Features:

- color code: three green dots
- peroxide cured
- meets 21CFR 177.2600
- passed USP Class VI Cytotoxicity testing
- not recommended for use with bolted clamps

FKM Flanged Clamp Gaskets - *Black*

Size	Part #	Price/E
1"	40MPF-SFY100	\$11.20
1½"	40MPF-SFY150	8.30
2"	40MPF-SFY200	9.60
2½"	40MPF-SFY250	17.95
3"	40MPF-SFY300	18.75
4"	40MPF-SFY400	21.70
6"	40MPF-SFY600	65.30
8"	40MPF-SFY800	108.80
10"	40MPF-SFY1000	136.75
12"	40MPF-SFY1200	141.55



Type 2 - Flanged
1" and larger

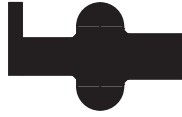
Features:

- color code: one white dot, one yellow dot
- peroxide cured
- meets 21CFR 177.2600
- passed USP Class VI Cytotoxicity testing
- not recommended for use with bolted clamps

See pages 471-472 for sizing charts.

Clamp Gaskets

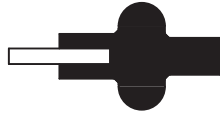
Silicone Flanged Clamp Gaskets - White

Type 2 - Flanged
1" and larger**Features:**

- color code: pink dot
- peroxide cured
- meets 21CFR 177.2600
- passed USP Class VI Cytotoxicity testing
- not recommended for use with bolted clamps

Size	Part #	Price/E
1"	40MPF-XW100	\$4.65
1½"	40MPF-XW150	4.85
2"	40MPF-XW200	4.85
2½"	40MPF-XW250	5.85
3"	40MPF-XW300	7.00
4"	40MPF-XW400	9.25
6"	40MPF-XW600	49.65
8"	40MPF-XW800	61.70
10"	40MPF-XW1000	76.90
12"	40MPF-XW1200	79.10

Buna-N Mesh Screen Clamp Gasket, 316



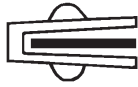
Type 3 - Mesh

Features:

- color code: red dot
- meets 21CFR 177.2600
- 10 mesh standard, other mesh available-call for details

Size	Part #	Price/E
1"	40MPS-U100	\$48.20
1½"	40MPS-U150	42.45
2"	40MPS-U200	45.40
2½"	40MPS-U250	60.25
3"	40MPS-U300	69.35
4"	40MPS-U400	108.40

PTFE Envelope Clamp Gaskets with EPDM Filler

**Features:**

- color code: usually not marked
- peroxide cured EPDM
- meets 21CFR 177.1550
- PTFE passed USP Class VI Cytotoxicity testing

Size	Part #	Price/E
½"	42MP-GRE50	\$15.30
1"	40MP-GRE100	8.25
1½"	40MP-GRE150	7.45
2"	40MP-GRE200	7.85
2½"	40MP-GRE250	10.05
3"	40MP-GRE300	11.05
4"	40MP-GRE400	20.40
6"	40MP-GRE600	71.30



PTFE is a material subject to plastic flow. When cycled through heat and then cooled down in process lines, PTFE gaskets will not return to the original configuration and it will continue to compress as the cycling continues. This plastic flow will allow leakage if clamp torques are not maintained.

PTFE Envelope Clamp Gaskets with FKM Filler

**Features:**

- color code: FKM usually not marked
- peroxide cured FKM
- meets 21CFR 177.1550
- PTFE passed USP Class VI Cytotoxicity testing

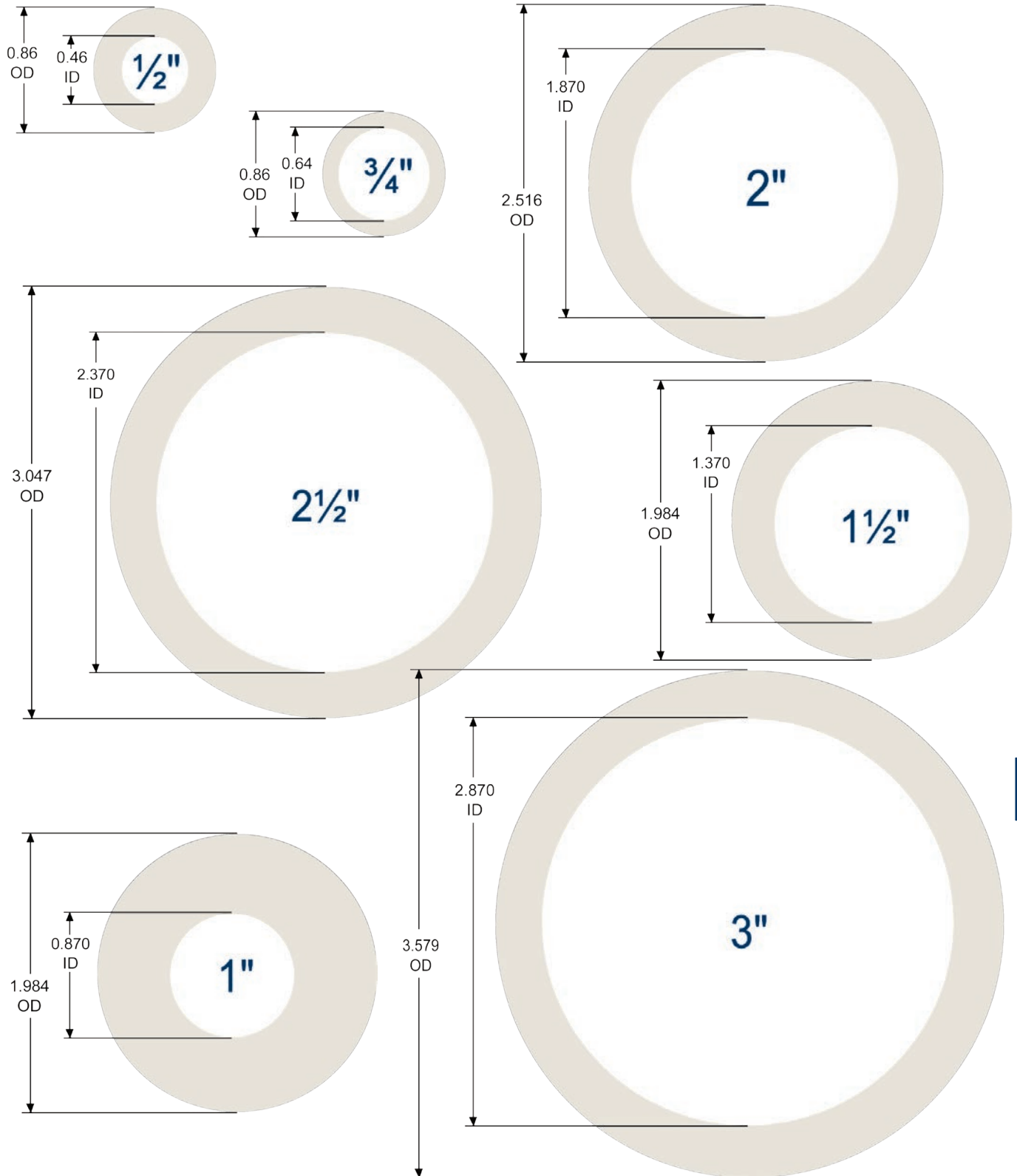
Size	Part #	Price/E
1"	40MP-GR100	\$7.50
1½"	40MP-GR150	7.45
2"	40MP-GR200	8.45
2½"	40MP-GR250	11.10
3"	40MP-GR300	11.75
4"	40MP-GR400	18.50
6"	40MP-GR600	89.85



PTFE is a material subject to plastic flow. When cycled through heat and then cooled down in process lines, PTFE gaskets will not return to the original configuration and it will continue to compress as the cycling continues. This plastic flow will allow leakage if clamp torques are not maintained.

See pages 471-472 for sizing charts.

Clamp Fittings and Gasket Sizing Guide

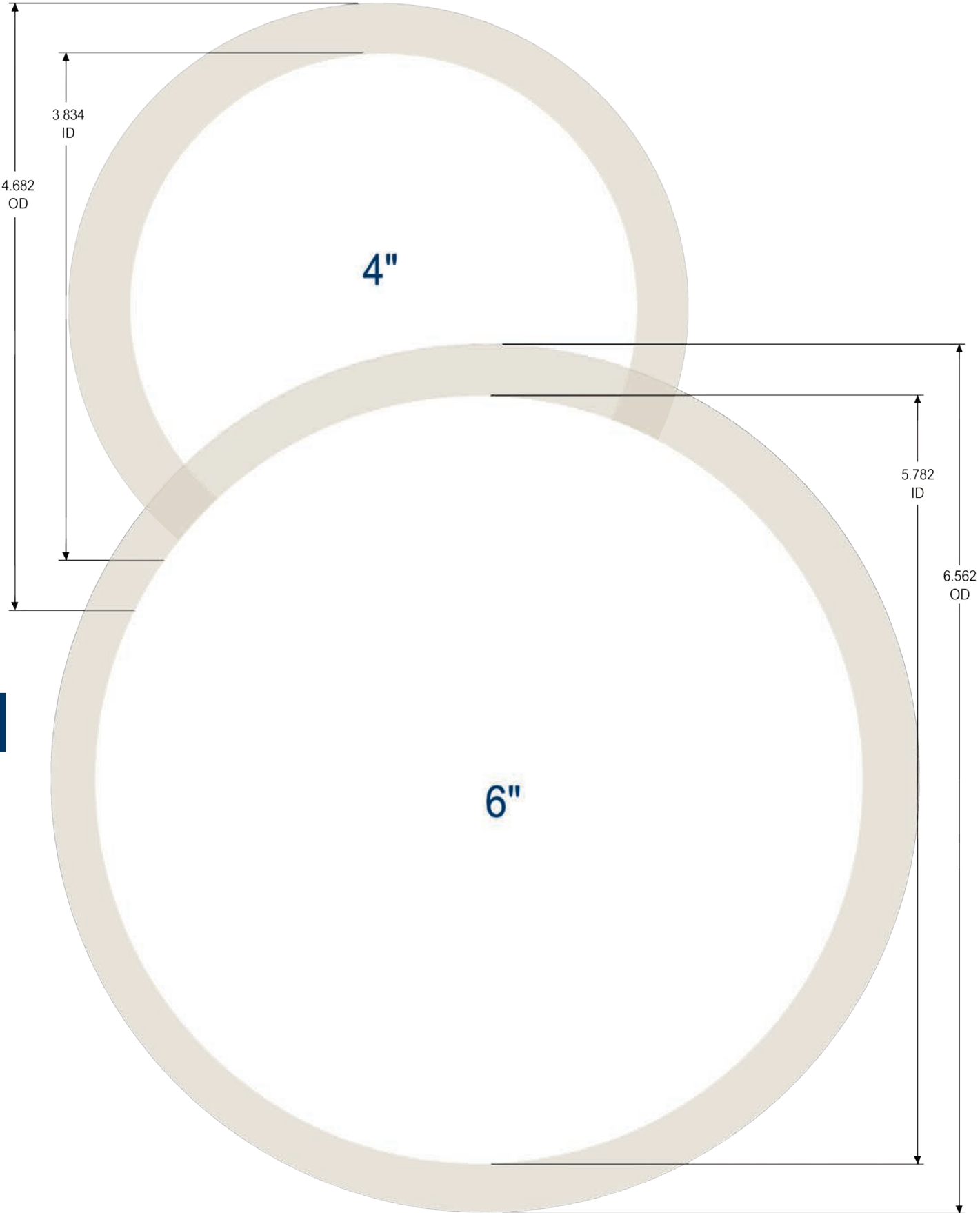


N

Sanitary Size	OD of Clamp End	ID of Fitting
1/2"	0.992	0.370
3/4"	0.992	0.620
1"	1.984	0.870
1 1/2"	1.984	1.370
2"	2.516	1.870
2 1/2"	3.047	2.370

Sanitary Size	OD of Clamp End	ID of Fitting
3"	3.579	2.870
4"	4.682	3.834
6"	6.562	5.782
8"	8.602	7.782
10"	10.570	9.782
12"	12.570	11.760

Clamp Fittings and Gasket Sizing Guide

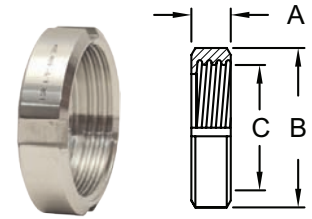


N

European Fittings DIN 11851

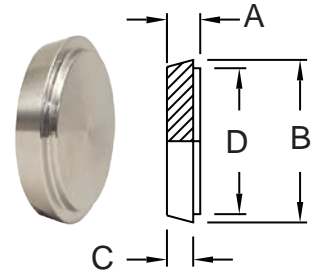
DIN Round Nuts - 13R

Tube OD	DN Size	Dimensions			304 Stainless Steel	
		A	B	C	Part #	Price/E
1"	25	.83"	2.48"	2.05"	13R-G100DIN	\$36.65
1½"	40	.83"	3.07"	2.56"	13R-G150DIN	45.65
2"	50	.87"	3.62"	3.07"	13R-G200DIN	58.40
2½"	65	.98"	4.41"	3.74"	13R-G250DIN	79.05
3"	80	1.14"	5.00"	4.33"	13R-G300DIN	121.40
4"	100	1.22"	5.83"	5.12"	13R-G400DIN	141.70



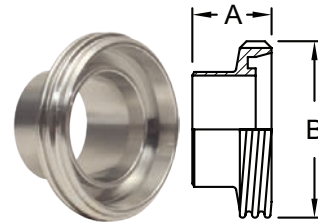
DIN Blank Caps - 16AMP

Tube OD	DN Size	Dimensions				316 Stainless Steel	
		A	B	C	D	Part #	Price/E
1"	25	.51"	1.73"	.39"	1.38"	16AMP-R100DIN	\$29.05
1½"	40	.51"	2.20"	.39"	1.89"	16AMP-R150DIN	47.40
2"	50	.55"	2.68"	.43"	2.40"	16AMP-R200DIN	67.55
2½"	65	.63"	3.39"	.47"	3.11"	16AMP-R250DIN	119.65
3"	80	.63"	3.94"	.47"	3.66"	16AMP-R300DIN	147.50
4"	100	.79"	4.76"	.59"	4.49"	16AMP-R400DIN	245.55



DIN Welding Males - 15A

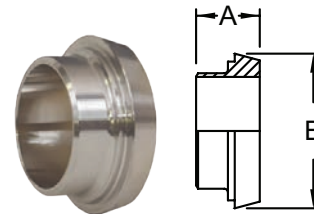
Tube OD	DN Size	Dimensions		316 Stainless Steel	
		A	B	Part #	Price/E
1"	25	1.14"	2.04"	15A-R100DIN	\$35.05
1½"	40	1.30"	2.55"	15A-R150DIN	48.90
2"	50	1.38"	3.07"	15A-R200DIN	60.10
2½"	65	1.57"	3.74"	15A-R250DIN	94.50
3"	80	1.77"	4.31"	15A-R300DIN	146.85
4"	100	2.13"	5.12"	15A-R400DIN	165.90



N

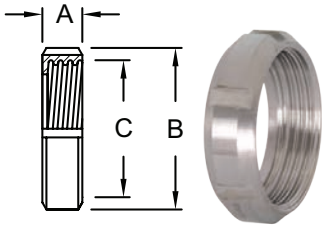
DIN Welding Liners - 14A

Tube OD	DN Size	Dimensions		316 Stainless Steel	
		A	B	Part #	Price/E
1"	25	.87"	1.73"	14A-R100DIN	\$24.40
1½"	40	1.02"	2.20"	14A-R150DIN	34.25
2"	50	1.10"	2.68"	14A-R200DIN	43.75
2½"	65	1.26"	3.39"	14A-R250DIN	75.05
3"	80	1.46"	3.94"	14A-R300DIN	104.30
4"	100	1.73"	4.76"	14A-R400DIN	133.00



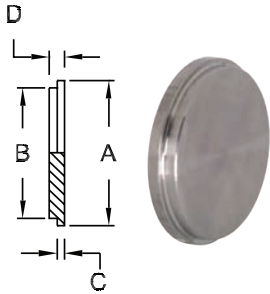
European Fittings

SMS Round Nuts - 13R



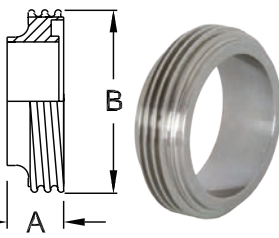
Tube OD	DN Size	Dimensions			304 Stainless Steel	
		A	B	C	Part #	Price/E
1"	25	.75"	2.01"	1.57"	13R-G100SMS	\$36.35
1½"	38	.91"	2.91"	2.36"	13R-G150SMS	45.60
2"	51	.94"	3.31"	2.76"	13R-G200SMS	57.05
2½"	63.5	1.10"	3.94"	3.35"	13R-G250SMS	73.95
3"	76	1.18"	4.49"	3.86"	13R-G300SMS	110.80
4"	101.6	1.22"	5.43"	4.92"	13R-G400SMS	134.15

SMS Blank Caps - 16AMP



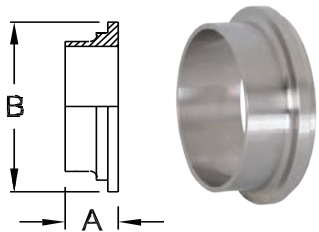
Tube OD	DN Size	Dimensions				316 Stainless Steel	
		A	B	C	D	Part #	Price/E
1"	25	1.40"	1.25"	.14"	.30"	16AMP-R100SMS	\$25.70
1½"	38	2.20"	1.89"	.16"	.31"	16AMP-R150SMS	40.95
2"	51	2.56"	2.38"	.16"	.35"	16AMP-R200SMS	61.40
2½"	63.5	3.15"	2.89"	.16"	.35"	16AMP-R250SMS	93.20
3"	76	3.66"	3.41"	.20"	.43"	16AMP-R300SMS	133.25
4"	101.6	4.65"	4.43"	.23"	.43"	16AMP-R400SMS	199.60

SMS Welding Males - 15A



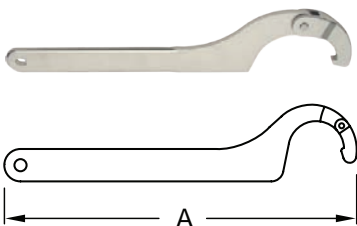
Tube OD	DN Size	Dimensions		316 Stainless Steel	
		A	B	Part #	Price/E
1"	25	.75"	1.57"	15A-R100SMS	\$33.30
1½"	38	.91"	2.36"	15A-R150SMS	42.50
2"	51	.91"	2.76"	15A-R200SMS	59.60
2½"	63.5	1.06"	3.35"	15A-R250SMS	109.50
3"	76	1.06"	3.86"	15A-R300SMS	135.55
4"	101.6	1.18"	4.92"	15A-R400SMS	162.00

SMS Welding Liners - 14A



Tube OD	DN Size	Dimensions		316 Stainless Steel	
		A	B	Part #	Price/E
1"	25	.61"	1.40"	14A-R100SMS	\$22.35
1½"	38	.63"	2.17"	14A-R150SMS	31.50
2"	51	.67"	2.56"	14A-R200SMS	38.50
2½"	63.5	.67"	3.16"	14A-R250SMS	50.65
3"	76	.75"	3.66"	14A-R300SMS	80.35
4"	101.6	.75"	4.65"	14A-R400SMS	102.45

DIN and SMS Spanner Wrenches - SP

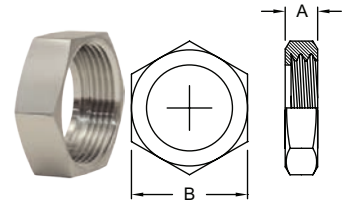


Used On	DN Size	Dimension A	Nickel Plated Steel	
			Part #	Price/E
1" - 1½"	25-40	9.75"	DIN-SMS-60/90SP	\$220.80
2" - 4"	50-101.6	13.00"	DIN-SMS90/155SP	588.60

European Fittings

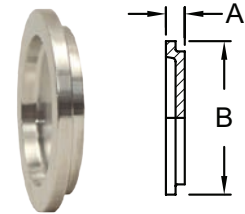
RJT BS:4825 Hex Nuts - 13H

Tube OD	Dimensions		304 Stainless Steel	
	A	B	Part #	Price/E
1"	.87"	2.00"	13H-G100RJT	\$33.90
1½"	.87"	2.56"	13H-G150RJT	45.45
2"	.87"	3.12"	13H-G200RJT	59.10
2½"	.87"	3.62"	13H-G250RJT	73.60
3"	.87"	4.12"	13H-G300RJT	90.30
4"	.87"	5.12"	13H-G400RJT	107.70



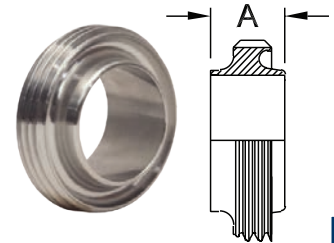
RJT BS:4825 Blank Caps - 13RBN

Tube OD	Dimensions		304 Stainless Steel	
	A	B	Part #	Price/E
1"	.32"	1.63"	13RBN-G100RJT	\$18.35
1½"	.32"	2.12"	13RBN-G150RJT	28.40
2"	.32"	2.62"	13RBN-G200RJT	42.40
2½"	.32"	3.12"	13RBN-G250RJT	65.90
3"	.32"	3.63"	13RBN-G300RJT	86.85
4"	.32"	4.63"	13RBN-G400RJT	160.60



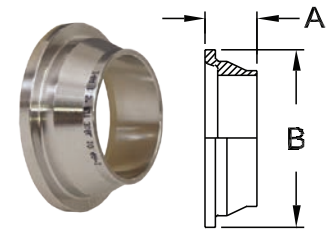
RJT BS:4825 Welding Males - 15A

Tube OD	Dimensions		316 Stainless Steel	
	A		Part #	Price/E
1"	1.06"		15A-R100RJT	\$40.80
1½"	1.06"		15A-R150RJT	55.40
2"	1.06"		15A-R200RJT	71.50
2½"	1.06"		15A-R250RJT	83.60
3"	1.06"		15A-R300RJT	103.65
4"	1.06"		15A-R400RJT	148.25



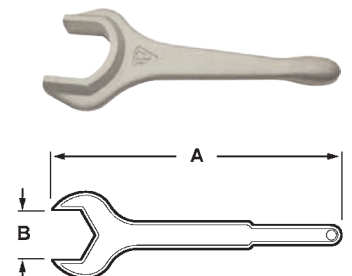
RJT BS:4825 Welding Liners - 14A

Tube OD	Dimensions		316 Stainless Steel	
	A	B	Part #	Price/E
1"	.77"	1.63"	14A-R100RJT	\$27.40
1½"	.77"	2.13"	14A-R150RJT	30.95
2"	.77"	2.63"	14A-R200RJT	38.80
2½"	.77"	3.13"	14A-R250RJT	52.85
3"	.77"	3.63"	14A-R300RJT	61.30
4"	.77"	4.63"	14A-R400RJT	85.45



RJT BS:4825 Spanner Wrenches - SP

Tube OD	Dimensions		Aluminum	
	A	B	Part #	Price/E
1"	10.00"	2.00"	RJT-100SP	\$205.95
1½"	11.50"	2.56"	RJT-150SP	235.85
2"	12.00"	3.12"	RJT-200SP	276.70
2½"	13.50"	3.62"	RJT-250SP	361.55
3"	14.50"	4.12"	RJT-300SP	445.35
4"	17.50"	5.12"	RJT-400SP	557.50



European Gaskets

DIN Buna-N European Gaskets - *Black*

Features:

- color code: red dot
- meets 21CFR 177.2600

Tube OD	DN Size	ID	OD	Height	DIN 11851 Buna-N Part #	Price/E
1"	25	1.18"	1.57"	.20"	40MP-U100DIN	\$7.60
1½"	40	1.65"	2.05"	.20"	40MP-U150DIN	12.05
2"	50	2.13"	2.52"	.20"	40MP-U200DIN	12.55
2½"	65	2.80"	3.19"	.20"	40MP-U250DIN	14.70
3"	80	3.35"	3.74"	.20"	40MP-U300DIN	16.60
4"	100	4.09"	4.49"	.24"	40MP-U400DIN	21.20

SMS Buna-N European Gaskets - *Black*

Features:

- color code: red dot
- meets 21CFR 177.2600

Tube OD	DN Size	ID	OD	L Style Buna-N Part #	Price/E
1"	25	.98"	1.26"	40MP-U100SMS	\$6.75
1½"	38	1.49"	1.89"	40MP-U150SMS	2.35
2"	51	2.00"	2.40"	40MP-U200SMS	2.60
2½"	63.5	2.50"	2.89"	40MP-U250SMS	2.65
3"	76	2.99"	3.39"	40MP-U300SMS	4.85
4"	101.6	4.09"	4.49"	40MP-U400SMS	20.00

RJT Buna-N European Gaskets - *Black*

Features:

- color code: red dot
- meets 21CFR 177.2600

Tube OD	ID	OD	Buna-N Part #	Price/E
1"	1.06"	.25"	40MP-U100RJT	\$8.30
1½"	1.56"	.25"	40MP-U150RJT	9.70
2"	2.06"	.25"	40MP-U200RJT	11.30
2½"	2.56"	.25"	40MP-U250RJT	14.55
3"	3.06"	.25"	40MP-U300RJT	18.20
4"	4.06"	.25"	40MP-U400RJT	49.35

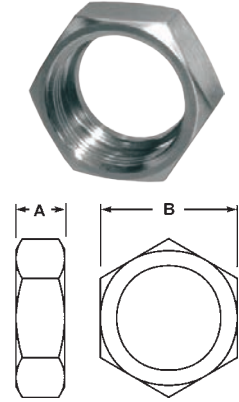
Bevel Seat Hex Nuts

Union Hex Nuts - 13H

Feature:

- maximum operating pressure: **400 PSI**

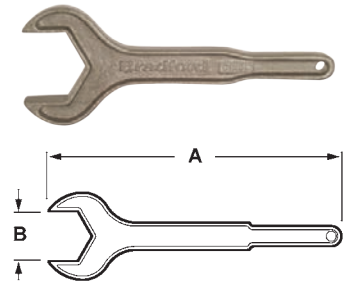
Tube OD	Dimensions		304 Stainless Steel (CF8)	
	A	B	Part #	Price/E
1"	.906"	1.812"	13H-G100	\$18.50
1½"	.968"	2.406"	13H-G150	26.05
2"	1.062"	3.000"	13H-G200	33.45
2½"	1.187"	3.594"	13H-G250	49.95
3"	1.281"	4.188"	13H-G300	66.35
4"	1.500"	5.438"	13H-G400	115.25



Bevel Seat Hex Wrenches

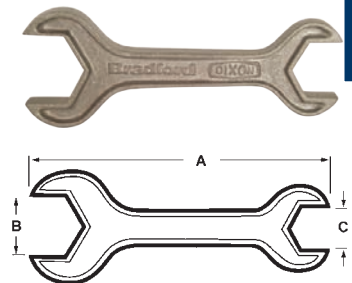
Single Sided Hex Wrenches - 25H

Tube OD	Dimensions		Weight (Lbs.)	Aluminum	
	A	B		Part #	Price/E
1"	10.500"	1.812"	.64	25H-100	\$52.50
1½"	12.000"	2.406"	.86	25H-150	54.25
2"	14.000"	3.000"	1.76	25H-200	66.50
2½"	16.250"	3.594"	2.40	25H-250	98.20
3"	18.500"	4.188"	3.04	25H-300	136.35
4"	19.500"	5.438"	3.62	25H-400	173.65



Two Sided Hex Wrenches - 25H

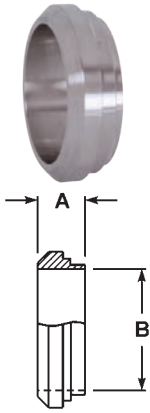
Tube OD	Dimensions			Weight (Lbs.)	Aluminum	
	A	B	C		Part #	Price/E
1½" x 1"	12.000"	2.406"	1.812"	1.00	25H-150100	\$98.05
2" x 1½"	14.000"	3.000"	2.406"	1.75	25H-200150	109.50
2½" x 2"	16.500"	3.594"	3.000"	2.80	25H-250200	132.05
3" x 2"	18.000"	4.188"	3.000"	3.20	25H-300200	152.75
3" x 2½"	18.000"	4.188"	3.594"	3.70	25H-300250	176.00



N

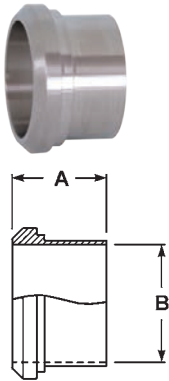
Bevel Seat Ferrules

3 Short Plain Bevel Seat Weld Ferrules - 14PRF



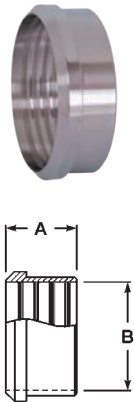
Tube OD	Dimensions		304 Stainless Steel	
	A	B	Part #	Price/E
1"	.718"	.870"	14PRF-G100	\$11.00
1½"	.718"	1.370"	14PRF-G150	13.45
2"	.750"	1.870"	14PRF-G200	17.55
2½"	.875"	2.370"	14PRF-G250	24.35
3"	.906"	2.870"	14PRF-G300	31.50
4"	1.031"	3.834"	14PRF-G400	51.00

3 Long Plain Bevel Seat Weld Ferrules - 14A



Tube OD	Dimensions		304 Stainless Steel	
	A	B	Part #	Price/E
1"	1.375"	.870"	14A-G100	\$15.80
1½"	1.500"	1.370"	14A-G150	19.85
2"	1.500"	1.870"	14A-G200	30.20
2½"	1.750"	2.370"	14A-G250	37.30
3"	1.750"	2.870"	14A-G300	49.15
4"	1.750"	3.834"	14A-G400	72.50

N

3¹ Recessless Plain Bevel Seat Ferrules for Expanding - 14R

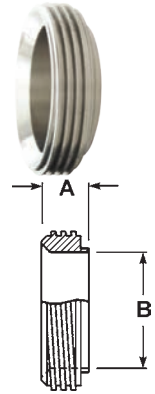
Tube OD	Dimensions		304 Stainless Steel	
	A	B	Part #	Price/E
1½"	1.125"	1.500"	14R-G150	\$18.05
2"	1.312"	2.000"	14R-G200	23.60
2½"	1.375"	2.500"	14R-G250	30.30
3"	1.437"	3.000"	14R-G300	38.50
4"	1.500"	4.000"	14R-G400	61.70

¹ Meets 3-A Standard Number 63-03 when used to modify or repair existing on-site farm milk handling systems.

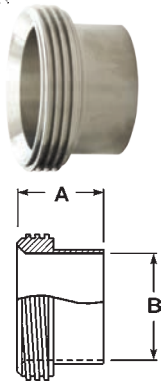
Bevel Seat Ferrules

Short Threaded Bevel Seat Weld Ferrules - 15TRF 

Tube OD	Dimensions		304 Stainless Steel	
	A	B	Part #	Price/E
1"	.718"	.870"	15TRF-G100	\$12.90
1½"	.718"	1.370"	15TRF-G150	15.50
2"	.750"	1.870"	15TRF-G200	20.50
2½"	.875"	2.370"	15TRF-G250	27.05
3"	.906"	2.870"	15TRF-G300	34.85
4"	1.031"	3.834"	15TRF-G400	58.50

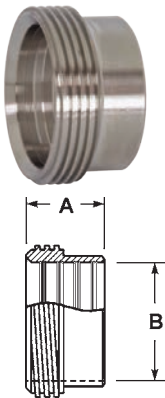
Long Threaded Bevel Seat Weld Ferrules - 15A 

Tube OD	Dimensions		304 Stainless Steel	
	A	B	Part #	Price/E
1"	1.375"	.870"	15A-G100	\$21.75
1½"	1.500"	1.370"	15A-G150	30.35
2"	1.500"	1.870"	15A-G200	37.70
2½"	1.750"	2.370"	15A-G250	50.45
3"	1.750"	2.870"	15A-G300	66.35
4"	1.750"	3.834"	15A-G400	98.25

Recessless Threaded Bevel Seat Ferrules for Expanding - 15R ¹

Tube OD	Dimensions		304 Stainless Steel	
	A	B	Part #	Price/E
1½"	1.125"	1.500"	15R-G150	\$25.00
2"	1.375"	2.000"	15R-G200	31.55
2½"	1.500"	2.500"	15R-G250	42.55
3"	1.675"	3.000"	15R-G300	51.00
4"	1.675"	4.000"	15R-G400	80.60

¹ Meets 3-A Standard Number 63-03 when used to modify or repair existing on-site farm milk handling systems.

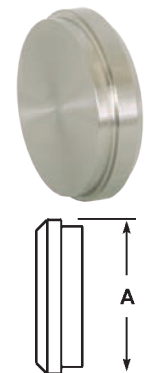


N

Bevel Seat End Caps

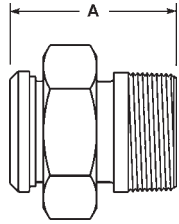
Plain Bevel Seat Solid End Caps - 16A 

Tube OD	Dimension	304 Stainless Steel	
	A	Part #	Price/E
1"	1.312"	16A-G100	\$8.80
1½"	1.843"	16A-G150	15.50
2"	2.375"	16A-G200	23.20
2½"	2.906"	16A-G250	30.95
3"	3.437"	16A-G300	45.40
4"	4.500"	16A-G400	81.70



Bevel Seat

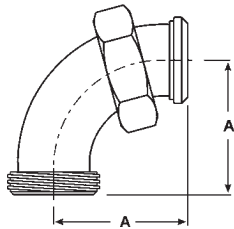
Plain Bevel Seat x Male NPT Adapters with Hex Nut - 14-19



Tube OD	Dimension A	304 Stainless Steel	
		Part #	Price/E
1½"	3.250"	14-19-G150	\$369.75
2"	3.312"	14-19-G200	451.40
3"	4.250"	14-19-G300	542.15

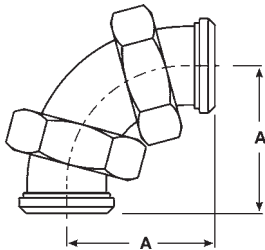
Bevel Seat Elbows

Threaded Bevel Seat x Plain Bevel Seat with Hex Nut 90° Elbows - B2F



Tube OD	Dimension A	304 Stainless Steel	
		Part #	Price/E
1½"	2.968"	B2F-G150	\$189.70
2"	3.750"	B2F-G200	197.15
2½"	4.625"	B2F-G250	262.20
3"	5.406"	B2F-G300	315.15

Plain Bevel Seat x Plain Bevel Seat with Hex Nut 90° Elbows - B2E

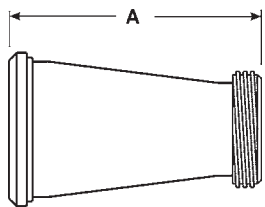


Tube OD	Dimension A	304 Stainless Steel	
		Part #	Price/E
1½"	2.968"	B2E-G150	\$234.55
2"	3.750"	B2E-G200	293.85
2½"	4.625"	B2E-G250	309.05
3"	5.406"	B2E-G300	432.40

N

Bevel Seat Reducers

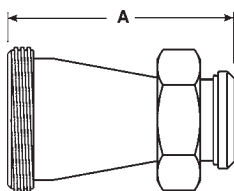
Plain Bevel Seat x Threaded Bevel Seat Concentric Reducers - B3115F



Tube OD	Dimension A	304 Stainless Steel	
		Part #	Price/E
2" x 1½"	3.468"	B3115F-G200150	\$162.50
2½" x 2"	3.625"	B3115F-G250200	182.30
3" x 2"	5.656"	B3115F-G300200	225.80
3" x 2½"	3.781"	B3115F-G300250	281.05
4" x 3"	5.937"	B3115F-G400300	328.65

Threaded Bevel Seat x Plain Bevel Seat with Hex Nut

Concentric Reducers - B31TP



Tube OD	Dimension A	304 Stainless Steel	
		Part #	Price/E
2" x 1½"	3.468"	B31TP-G200150	\$191.45
2½" x 2"	3.625"	B31TP-G250200	217.30
3" x 2"	5.656"	B31TP-G300200	285.95
3" x 2½"	3.781"	B31TP-G300250	323.25
4" x 3"	5.937"	B31TP-G400300	361.60

Breakaway Coupling - Bevel Seat

Applications:

- minimizes spillage and damage associated with pull away and drive away incidents

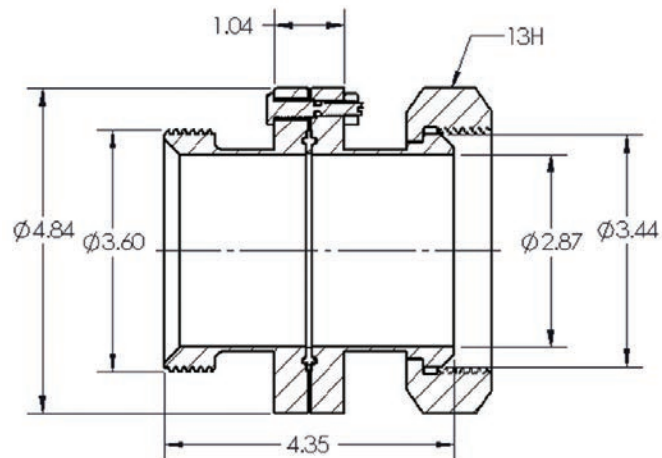
Features:

- designed to be installed between a fixed point and a hose
- coupling breaks away with an excessive load
- bevel seat connection standard
- EPDM standard clamp gasket
- working pressure: **350 PSI @ 70°F**
- 13kN break load bolts standard, other break loads available
- 316 stainless steel polished to standard $<32R_a$, 3A finish
- other sizes, gaskets and connections available, contact Dixon™



Size	316 Stainless Steel Part #	Price/E
3"	SBC-E300TP13	\$747.60

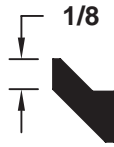
Breakaway Coupling Dimensions



N

Bevel Seat Gaskets

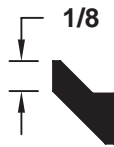
Buna-N Bevel Seat Gaskets - *Black*


Features:

- color code: red dot
- meets 21CFR 177.2600

Size	Buna-N Part #	Price/E
1"	40BS-O100	\$1.65
1½"	40BS-O150	1.40
2"	40BS-O200	1.50
2½"	40BS-O250	2.65
3"	40BS-O300	3.10
4"	40BS-O400	5.45

PTFE Bevel Seat Gaskets - *White*


Features:

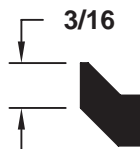
- color code: no dot
- meets 21CFR 177.1550
- passed USP Class VI Cytotoxicity testing

Size	PTFE Part #	Price/E
1"	40BS-S100	\$3.75
1½"	40BS-S150	3.15
2"	40BS-S200	3.50
2½"	40BS-S250	4.85
3"	40BS-S300	6.50
4"	40BS-S400	11.40



PTFE is a material subject to plastic flow. When cycled through heat and then cooled down in process lines, PTFE gaskets will not return to the original configuration and it will continue to compress as the cycling continues. This plastic flow will allow leakage if clamp torques are not maintained.

Heavy PTFE Bevel Seat Gaskets - *White*

N

Features:

- color code: no dot
- meets 21CFR 177.1550
- passed USP Class VI Cytotoxicity testing

Size	PTFE Part #	Price/E
1"	40BS-H100	\$4.60
1½"	40BS-H150	4.85
2"	40BS-H200	5.35
2½"	40BS-H250	8.45
3"	40BS-H300	9.85
4"	40BS-H400	16.20



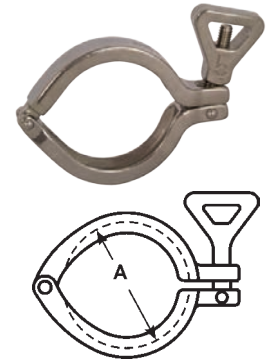
PTFE is a material subject to plastic flow. When cycled through heat and then cooled down in process lines, PTFE gaskets will not return to the original configuration and it will continue to compress as the cycling continues. This plastic flow will allow leakage if clamp torques are not maintained.

I-Line Clamps

Heavy Duty Clamps - 13ILH

Tube OD	Service Pressure Rating @ 70°F ¹	Service Pressure Rating @ 250°F ¹	Dimension A	304 Stainless Steel	
				Part #	Price/E
1" - 1½"	700	250	2.122"	13ILH100-150	\$28.30
2"	450	250	2.654"	13ILH200	37.45
2½"	450	200	3.185"	13ILH250	51.35
3"	350	150	3.717"	13ILH300	62.25
4"	200	125	4.820"	13ILH400	76.90
6"	150	100	7.689"	13ILH600	145.45
8"	125	75	9.689"	13ILH800	194.85

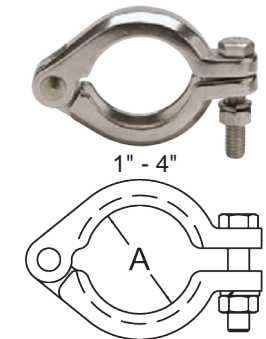
¹ wing nut tightened to 25 in. lbs. of torque



Bolted Clamps - 13ILB

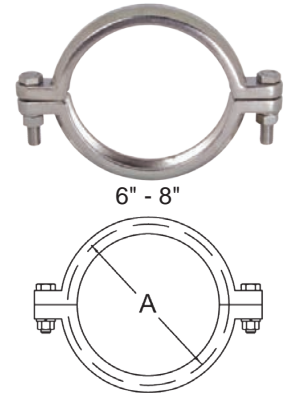
Tube OD	Service Pressure Rating @ 70°F ¹	Service Pressure Rating @ 250°F ¹	Dimension A	304 Stainless Steel	
				Part #	Price/E
1" - 1½"	1220	1100	2.122"	13ILB100-150	\$30.60
2"	900	830	2.654"	13ILB200	51.75
2½"	720	660	3.185"	13ILB250	74.70
3"	600	550	3.717"	13ILB300	106.50
4"	570	525	4.820"	13ILB400	128.65

¹ nut tightened to 20 ft. lbs. of torque



Tube OD	Service Pressure Rating @ 70°F ¹	Service Pressure Rating @ 250°F ¹	Dimension A	304 Stainless Steel	
				Part #	Price/E
6"	300	200	7.689"	13ILB600	\$195.30
8"	250	150	9.689"	13ILB800	384.55

¹ nut tightened to 20 ft. lbs. of torque



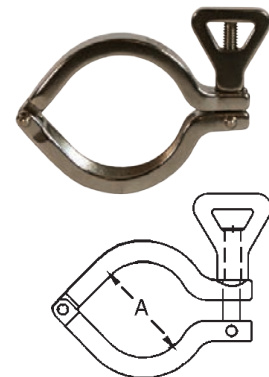
N

Q-Line Clamps

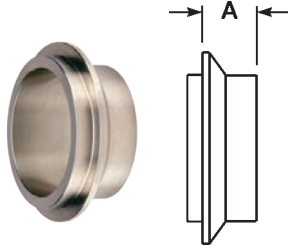
Heavy Duty Clamps - 13QLH¹

Tube OD	Dimension A	304 Stainless Steel	
		Part #	Price/E
1" - 1½"	2.122"	13QLH100-150	\$30.05
2"	2.654"	13QLH200	39.75
2½"	3.185"	13QLH250	54.45
3"	3.717"	13QLH300	66.15
4"	4.820"	13QLH400	81.70

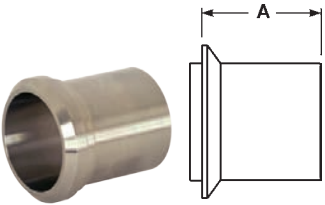
¹ wing nut tightened to 25 in. lbs. of torque



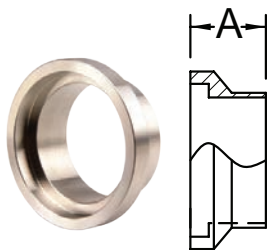
I-Line Ferrules

 Male I-Line Short Weld Ferrules - 14WI


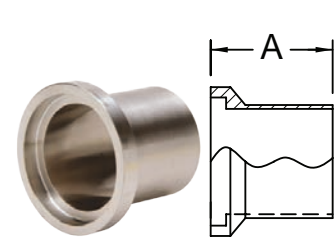
Tube OD	Dimension A	304 Stainless Steel		316L Stainless Steel	
		Part #	Price/E	Part #	Price/E
1"	.600"	14WI-G100	\$14.05	14WI-R100	\$20.70
1½"	.765"	14WI-G150	15.15	14WI-R150	21.45
2"	.790"	14WI-G200	23.15	14WI-R200	31.00
2½"	.848"	14WI-G250	32.30	14WI-R250	43.75
3"	.906"	14WI-G300	42.60	14WI-R300	67.40
4"	1.031"	14WI-G400	72.25	14WI-R400	97.85
6"	.940"	---	---	14WI-R600	354.40
8"	.940"	---	---	14WI-R800	563.95

 Male I-line Long Weld Ferrules - 14WLI


Tube OD	Dimension A	304 Stainless Steel		316L Stainless Steel	
		Part #	Price/E	Part #	Price/E
1"	1.562"	14WLI-G100	\$44.70	14WLI-R100	\$137.40
1½"	1.843"	14WLI-G150	44.75	14WLI-R150	142.95
2"	2.062"	14WLI-G200	52.65	14WLI-R200	164.55
2½"	2.188"	14WLI-G250	78.15	14WLI-R250	246.90
3"	2.375"	14WLI-G300	101.85	14WLI-R300	334.15
4"	2.688"	14WLI-G400	148.00	14WLI-R400	POR
6"	2.688"	---	---	14WLI-R600	1851.95

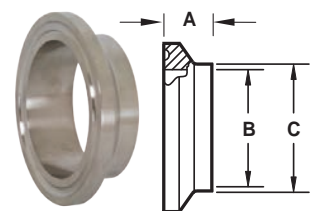
 Female I-line Short Weld Ferrules - 15WI


Tube OD	Dimension A	304 Stainless Steel		316L Stainless Steel	
		Part #	Price/E	Part #	Price/E
1"	.785"	15WI-G100	\$14.90	15WI-R100	\$21.70
1½"	.950"	15WI-G150	15.10	15WI-R150	21.95
2"	1.040"	15WI-G200	23.15	15WI-R200	31.70
2½"	1.160"	15WI-G250	32.50	15WI-R250	45.95
3"	1.220"	15WI-G300	44.65	15WI-R300	68.50
4"	1.350"	15WI-G400	68.75	15WI-R400	99.40
6"	1.125"	---	---	15WI-R600	372.35
8"	1.125"	---	---	15WI-R800	544.60

 Female I-line Long Weld Ferrules - 15WLI


Tube OD	Dimension A	304 Stainless Steel		316L Stainless Steel	
		Part #	Price/E	Part #	Price/E
1"	1.750"	15WLI-G100	\$42.15	15WLI-R100	\$134.85
1½"	2.031"	15WLI-G150	42.00	15WLI-R150	134.85
2"	2.312"	15WLI-G200	49.55	15WLI-R200	218.65
2½"	2.500"	15WLI-G250	73.55	15WLI-R250	349.80
3"	2.688"	15WLI-G300	101.10	15WLI-R300	462.45
4"	3.000"	15WLI-G400	139.35	15WLI-R400	581.30
6"	3.000"	---	---	15WLI-R600	1669.25

Q-line Ferrules

 Q-line Weld Ferrules - 14WQ


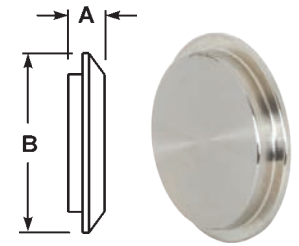
Tube OD	Dimensions			304 Stainless Steel	
	A	B	C	Part #	Price/E
1"	.531"	.870"	1.000"	14WQ-G100	\$53.05
1½"	.563"	1.370"	1.500"	14WQ-G150	39.20
2"	.813"	1.870"	2.000"	14WQ-G200	73.10
2½"	.938"	2.370"	2.500"	14WQ-G250	96.25
3"	.938"	2.870"	3.000"	14WQ-G300	167.00
4"	1.000"	3.834"	4.000"	14WQ-G400	332.45

I-Line End Caps

Male I-line Solid End Caps - 16AI-14I



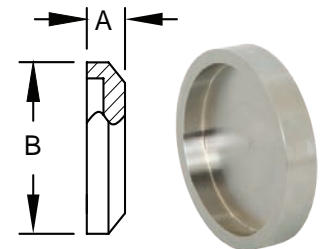
Tube OD	Dimensions		304 Stainless Steel		316L Stainless Steel	
	A	B	Part #	Price/E	Part #	Price/E
1"	.500"	1.985"	16AI-14I100	\$15.85	16AI-14I100R	\$42.35
1½"	.500"	1.985"	16AI-14I150	15.85	16AI-14I150R	55.40
2"	.562"	2.640"	16AI-14I200	25.35	16AI-14I200R	62.05
2½"	.750"	3.307"	16AI-14I250	40.50	16AI-14I250R	124.05
3"	.750"	3.870"	16AI-14I300	52.50	16AI-14I300R	129.70
4"	.750"	4.870"	16AI-14I400	88.75	16AI-14I400R	214.25
6"	.750"	7.495"	---	---	16AI-14I600R	807.15
8"	.880"	9.495"	---	---	16AI-14I800R	1372.45



Female I-line Solid End Caps - 16AI-15I



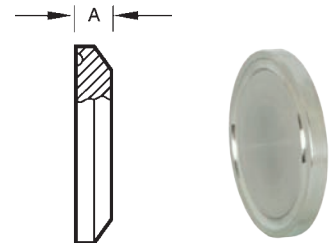
Tube OD	Dimensions		304 Stainless Steel		316L Stainless Steel	
	A	B	Part #	Price/E	Part #	Price/E
1"	.500"	1.985"	16AI-15I100	\$17.55	16AI-15I100R	\$56.40
1½"	.500"	1.985"	16AI-15I150	17.55	16AI-15I150R	51.90
2"	.562"	2.640"	16AI-15I200	25.35	16AI-15I200R	90.35
2½"	.750"	3.307"	16AI-15I250	40.50	16AI-15I250R	191.10
3"	.750"	3.870"	16AI-15I300	52.05	16AI-15I300R	188.85
4"	.750"	4.870"	16AI-15I400	88.95	16AI-15I400R	286.95
6"	.750"	7.495"	---	---	16AI-15I600R	578.10
8"	.880"	9.495"	---	---	16AI-15I800R	1543.10



Q-Line Solid End Caps - 16AQ



Tube OD	Dimension A	304 Stainless Steel	
		Part #	Price/E
1"	.313"	16AQ-G100	\$40.75
1½"	.313"	16AQ-G150	40.75
2"	.438"	16AQ-G200	62.60
2½"	.500"	16AQ-G250	86.80
3"	.500"	16AQ-G300	140.10
4"	.625"	16AQ-G400	311.85



N

I-Line Gaskets

Buna-N I-Line Gaskets - Black

**Features:**

- color code: red dot
- meets 21CFR 177.2600
- 3/32" thickness

Size	Buna-N Part #	Price/E
1"	40IH100	\$1.70
1½"	40IH150	1.50
2"	40IH200	1.65
2½"	40IH250	2.50
3"	40IH300	3.05
4"	40IH400	3.95
6"	40IH600	37.50
8"	40IH800	42.45

PTFE I-Line Gaskets - White

**Features:**

- color code: no dot
- meets 21CFR 177.1550
- passed USP class VI cytotoxicity testing
- 1/16" thickness

PTFE is a material subject to plastic flow. When cycled through heat and then cooled down in process lines, PTFE gaskets will not return to the original configuration and it will continue to compress as the cycling continues. This plastic flow will allow leakage if clamp torques are not maintained.



Size	PTFE Part #	Price/E
1"	40IT100	\$2.85
1½"	40IT150	3.35
2"	40IT200	3.55
2½"	40IT250	4.10
3"	40IT300	4.70
4"	40IT400	6.20
6"	40IT600	132.30
8"	40IT800	155.65

EPDM I-Line Gaskets - White

**Features:**

- color code: three green dots
- meets 21CFR 177.2600
- passed USP class VI cytotoxicity testing
- peroxide cured
- 3/32" thickness

Size	EPDM Part #	Price/E
1"	40IE100	\$2.70
1½"	40IE150	2.70
2"	40IE200	3.20
2½"	40IE250	3.90
3"	40IE300	4.50
4"	40IE400	7.70
6"	40IE600	POR
8"	40IE800	36.30

FKM I-Line Gaskets - Black

**Features:**

- color code: one white dot, one yellow dot
- meets 21CFR 177.1550
- passed USP Class VI Cytotoxicity testing
- peroxide cured
- 1/16" thickness

Size	FKM Part #	Price/E
1"	40IV100	\$9.30
1½"	40IV150	11.20
2"	40IV200	13.05
2½"	40IV250	15.50
3"	40IV300	19.45
4"	40IV400	24.45
6"	40IV600	120.45
8"	40IV800	118.30

Q-line Gaskets

Buna-N Q-Line Gaskets - Black

**Features:**

- color code: red dot
- meets 21CFR 177.2600

Size	Buna-N Part #	Price/E
1"	40QH100	\$3.65
1½"	40QH150	3.35
2"	40QH200	4.40
2½"	40QH250	5.65
3"	40QH300	7.10
4"	40QH400	11.75

PTFE Q-Line Gaskets - White

**Features:**

- color code: no dot
- meets 21CFR 177.1550
- passed USP Class VI Cytotoxicity testing

PTFE is a material subject to plastic flow. When cycled through heat and then cooled down in process lines, PTFE gaskets will not return to the original configuration and it will continue to compress as the cycling continues. This plastic flow will allow leakage if clamp torques are not maintained.

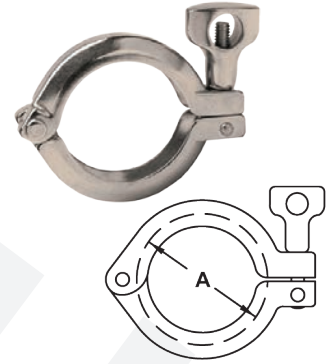


Size	PTFE Part #	Price/E
1"	40QT100	\$10.65
1½"	40QT150	10.65
2"	40QT200	13.75
2½"	40QT250	18.55
3"	40QT300	19.65
4"	40QT400	27.85

Pipe Size Clamps

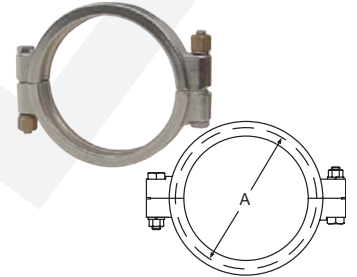
Schedule 5S and 10S Single Pin Heavy Duty Clamps - 13MHHV

Pipe Size	Service pressure rating @ 70°F ¹	Dimension A	304 Stainless Steel	
			Part #	Price/E
1"	500	2.122"	13MHHV100	\$15.50
1½"	450	2.654"	13MHHV150	17.55
2"	400	3.185"	13MHHV200	20.15
2½"	350	3.717"	13MHHV250	21.85
3"	250	4.263"	13MHHV300	43.95
4"	150	5.263"	13MHHV400	69.10
6"	100	7.500"	13MHHV600	224.05

¹ wing nut tightened to 25 in. lbs. of torque

Bolted Clamp - 13MHPV400

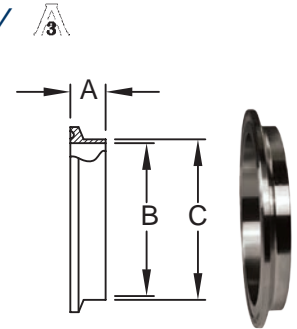
Pipe Size	Service pressure rating @ 70°F ¹	Dimension A	304 Stainless Steel	
			Part #	Price/E
4"	400	5.187"	13MHPV400	\$91.60

¹ nut tightened to 20 ft. lbs. of torque

Pipe Size Ferrules

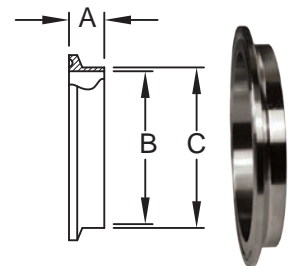
Schedule 5S Short Weld Ferrules - 14WMV

Pipe Size	Dimensions			316L Stainless Steel	
	A	B	C	Part #	Price/E
1"	.500"	1.185"	1.315"	14WMV-R100	\$33.10
1½"	.500"	1.770"	1.900"	14WMV-R150	45.00
2"	.500"	2.245"	2.375"	14WMV-R200	66.30
2½"	.500"	2.709"	2.875"	14WMV-R250	85.55
3"	.500"	3.334"	3.500"	14WMV-R300	107.40
4"	.625"	4.334"	4.500"	14WMV-R400	180.00
6"	.875"	6.407"	6.625"	14WMV-R600	212.20



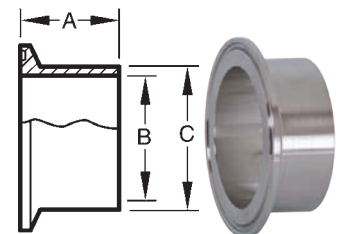
Schedule 10S Short Weld Ferrules - 14WMX

Pipe Size	Dimensions			316L Stainless Steel	
	A	B	C	Part #	Price/E
1"	.500"	1.097"	1.315"	14WMX-R100	\$33.10
1½"	.500"	1.682"	1.900"	14WMX-R150	45.00
2"	.500"	2.157"	2.375"	14WMX-R200	66.30
2½"	.500"	2.635"	2.875"	14WMX-R250	85.55
3"	.500"	3.260"	3.500"	14WMX-R300	107.40
4"	.625"	4.260"	4.500"	14WMX-R400	180.00



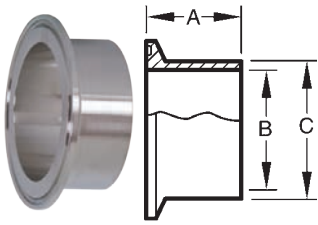
Schedule 5S Long Weld Ferrules - L14AM7V

Pipe Size	Dimensions			316L Stainless Steel	
	A	B	C	Part #	Price/E
1"	1.125"	1.185"	1.315"	L14AM7V-R100	\$65.15
1½"	1.125"	1.770"	1.900"	L14AM7V-R150	82.55
2"	1.125"	2.245"	2.375"	L14AM7V-R200	123.35
2½"	1.125"	2.709"	2.875"	L14AM7V-R250	144.15
3"	1.125"	3.334"	3.500"	L14AM7V-R300	203.00
4"	1.125"	4.334"	4.500"	L14AM7V-R400	302.20



Pipe Size Ferrules

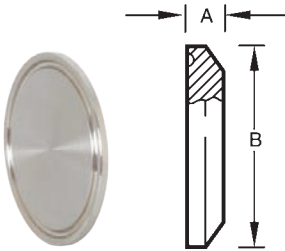
Schedule 10S Long Weld Ferrules - L14AM7X



Pipe Size	Dimensions			316L Stainless Steel	
	A	B	C	Part #	Price/E
1"	1.125"	1.097"	1.315"	L14AM7X-R100	\$65.15
1½"	1.125"	1.682"	1.900"	L14AM7X-R150	82.55
2"	1.125"	2.157"	2.375"	L14AM7X-R200	123.35
2½"	1.125"	2.635"	2.875"	L14AM7X-R250	144.15
3"	1.125"	3.260"	3.500"	L14AM7X-R300	203.00
4"	1.125"	4.260"	4.500"	L14AM7X-R400	302.20

Pipe Size End Caps

Schedule 5S and 10S Solid End Caps - 16AMV

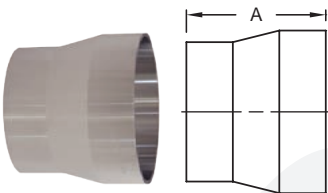


Pipe Size	Dimensions		304 Stainless Steel		316L Stainless Steel	
	A	B	Part #	Price/E	Part #	Price/E
1"	.250"	1.984"	16AMV-G100	\$8.45	16AMV-R100	\$10.80
1½"	.250"	2.516"	16AMV-G150	9.25	16AMV-R150	13.95
2"	.250"	3.047"	16AMV-G200	13.85	16AMV-R200	20.20
2½"	.250"	3.579"	16AMV-G250	18.95	16AMV-R250	27.35
3"	.312"	4.125"	16AMV-G300	230.65	16AMV-R300	236.30
4"	.312"	5.125"	16AMV-G400	294.50	16AMV-R400	295.70

- Specify if you are using a piping system or a tubing system when ordering.

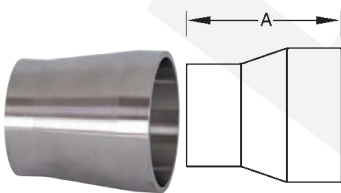
Pipe Size Adapters

Tube OD Weld x Schedule 5S Weld Adapters - B19WV



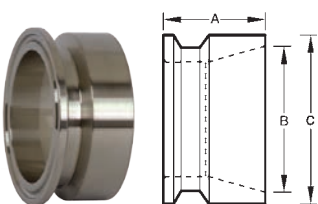
Pipe Size	Dimension A	Tube Wall Thickness	Pipe Wall Thickness	316L Stainless Steel	
				Part #	Price/E
1"	2.000"	.065"	.065"	B19WV-R100	\$96.25
1½"	2.500"	.065"	.065"	B19WV-R150	107.20
2"	2.500"	.065"	.065"	B19WV-R200	125.40
2½"	2.500"	.065"	.084"	B19WV-R250	147.75
3"	2.500"	.065"	.084"	B19WV-R300	168.65
4"	3.000"	.084"	.084"	B19WV-R400	316.20

Tube OD Weld x Schedule 10S Weld Adapters - B19WX



Pipe Size	Dimension A	Tube Wall Thickness	Pipe Wall Thickness	316L Stainless Steel	
				Part #	Price/E
1"	2.000"	.065"	.109"	B19WX-R100	\$91.05
1½"	2.500"	.065"	.109"	B19WX-R150	101.35
2"	2.500"	.065"	.109"	B19WX-R200	118.65
2½"	2.500"	.065"	.120"	B19WX-R250	139.70
3"	2.500"	.065"	.120"	B19WX-R300	159.45
4"	3.000"	.084"	.120"	B19WX-R400	298.90

Clamp x Schedule 10S Weld Adapters - B19MPX

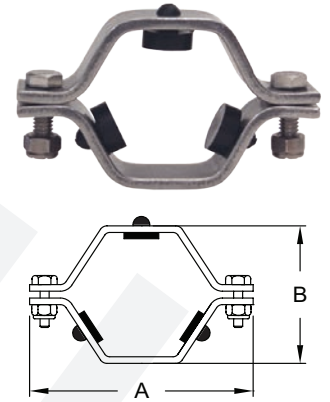


Pipe Size	Dimensions			Pipe Wall Thickness	316L Stainless Steel	
	A	B	C		Part #	Price/E
1"	1.125"	1.097"	1.315"	.109"	B19MPX-R100	\$72.30
1½"	1.125"	1.682"	1.900"	.109"	B19MPX-R150	143.90
2"	1.125"	2.157"	2.375"	.109"	B19MPX-R200	216.65
2½"	1.125"	2.635"	2.875"	.120"	B19MPX-R250	237.75
3"	1.125"	3.260"	3.500"	.120"	B19MPX-R300	295.65
4"	1.125"	4.260"	4.500"	.120"	B19MPX-R400	355.15

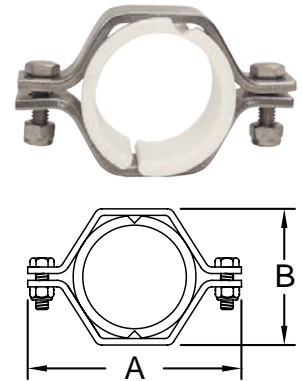
Pipe Size Hangers

Pipe Size Hex Hanger with Rubber Grommets - B24RV¹

Pipe Size	Dimensions		304 Stainless Steel	
	A	B	Part #	Price/E
1"	3.625"	2.125"	B24RV-G100	\$23.85
1½"	3.625"	2.125"	B24RV-G150	26.00
2"	4.312"	2.625"	B24RV-G200	26.65
2½"	4.875"	3.125"	B24RV-G250	30.25
3"	5.375"	3.625"	B24RV-G300	38.25
4"	7.500"	4.750"	B24RV-G400	38.80
6"	9.000"	6.625"	B24RV-G600	109.80

¹ for coupler options call Dixon™Pipe Size Hex Hanger with Polypropylene Sleeves - B24PV¹

Pipe Size	Dimensions		304 Stainless Steel	
	A	B	Part #	Price/E
1"	3.750"	3.000"	B24PV-G100	\$34.00
1½"	4.312"	2.625"	B24PV-G150	34.60
2"	5.000"	3.125"	B24PV-G200	41.10
2½"	5.625"	3.500"	B24PV-G250	50.75
3"	6.000"	4.250"	B24PV-G300	51.00
4"	7.500"	2.000"	B24PV-G400	58.10
6"	9.750"	7.125"	B24PV-G600	205.35

¹ for coupler options call Dixon™

Pipe Size Sleeves - 13PV

Pipe Size	Polypropylene	
	Part #	Price/E
1"	13PV-100	\$19.10
1½"	13PV-150	19.10
2"	13PV-200	19.95
2½"	13PV-250	29.05
3"	13PV-300	29.25
4"	13PV-400	32.75
6"	13PV-600	128.30



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Schedule 5S and 10S Pipe Gaskets

Buna-N Pipe Gaskets- 40MPV-U, Black

**Features:**

- color code: red dot
- meets 21CFR 177.2600

Size	Buna-N Part #	Price/E
1"	40MPV-U100	\$7.10
1½"	40MPV-U150	7.10
2"	40MPV-U200	7.10
2½"	40MPV-U250	7.60
3"	40MPV-U300	8.10
4"	40MPV-U400	8.95

PTFE Pipe Gaskets - 40MPV-G, White

**Features:**

- color code: no dot
- meets 21CFR 177.1550
- passed USP Class VI Cytotoxicity testing
- not recommended for use with bolted clamps

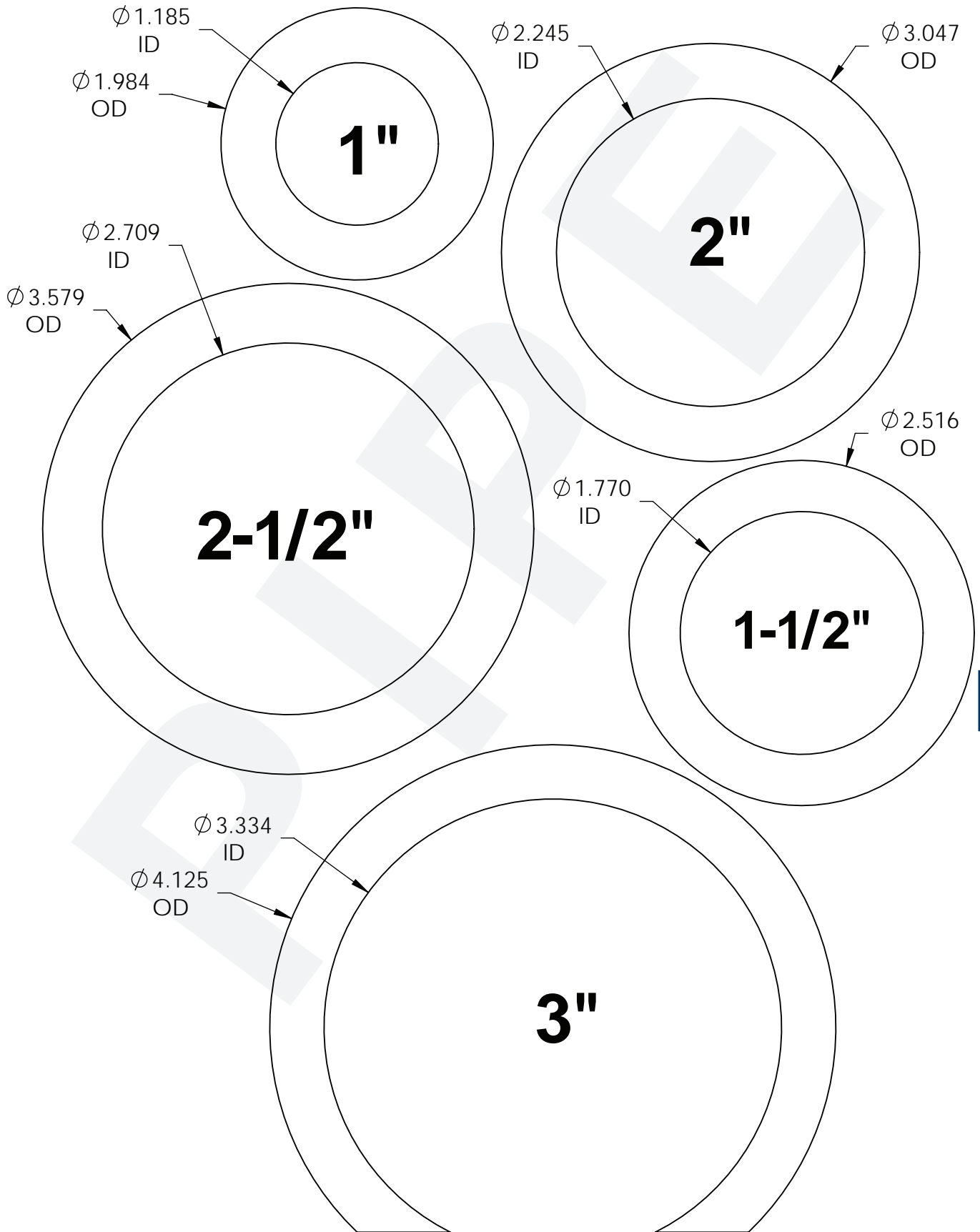


Size	PTFE Part #	Price/E
1"	40MPV-G100	\$31.65
1½"	40MPV-G150	23.85
2"	40MPV-G200	35.85
2½"	40MPV-G250	52.95
3"	40MPV-G300	70.60
4"	40MPV-G400	68.70



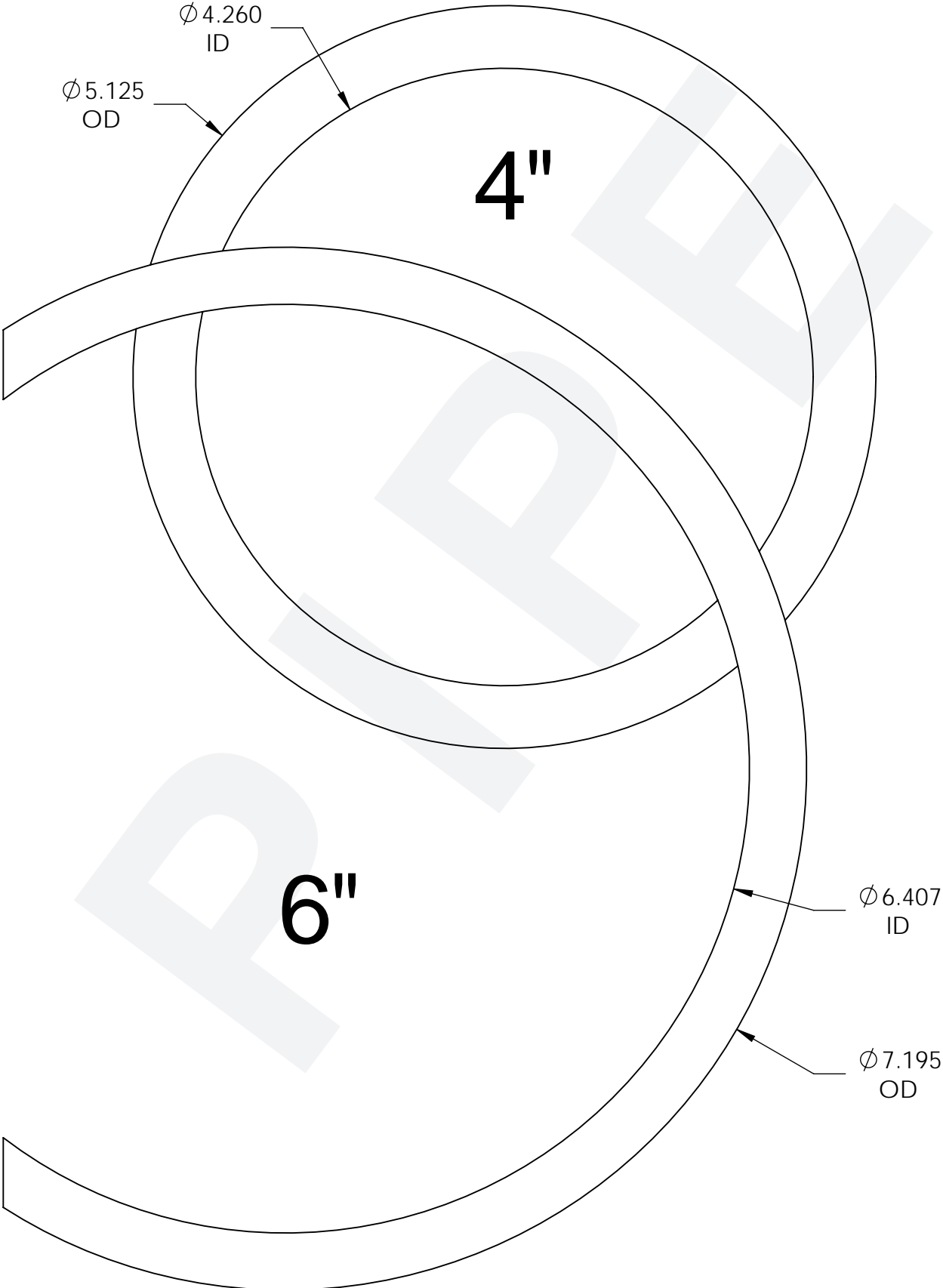
PTFE is a material subject to plastic flow. When cycled through heat and then cooled down in process lines, PTFE gaskets will not return to the original configuration and it will continue to compress as the cycling continues. This plastic flow will allow leakage if clamp torques are not maintained.

Pipe Fittings and Gasket Sizing Guide



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Pipe Fittings and Gasket Sizing Guide

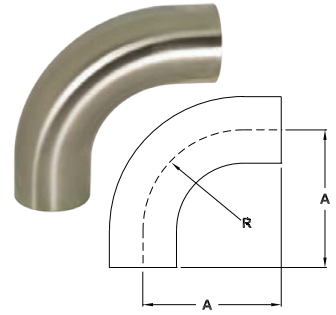


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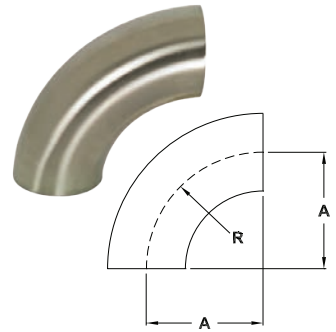
Weld Elbows

Polished 90° Weld Elbows with Tangents - B2S 

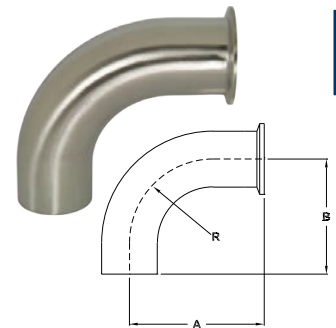
Tube OD	Dimensions		Wall Thickness	polished ID/OD 304 Stainless Steel		polished ID/OD 316L Stainless Steel	
	A	R		Part #	Price/E	Part #	Price/E
1/2"	3.000"	1.125"	.065"	---	---	B2S-R50P	\$74.45
3/4"	3.000"	1.125"	.065"	---	---	B2S-R75P	74.45
1"	2.062"	1.500"	.065"	B2S-G100P	\$31.10	B2S-R100P	34.80
1 1/2"	2.937"	2.250"	.065"	B2S-G150P	33.30	B2S-R150P	38.85
2"	4.062"	3.000"	.065"	B2S-G200P	36.20	B2S-R200P	53.65
2 1/2"	5.187"	3.750"	.065"	B2S-G250P	51.50	B2S-R250P	80.75
3"	6.312"	4.500"	.065"	B2S-G300P	74.95	B2S-R300P	111.30
4"	8.312"	6.000"	.083"	B2S-G400P	134.05	B2S-R400P	204.35

Polished 90° Weld Elbows - B2WCL 

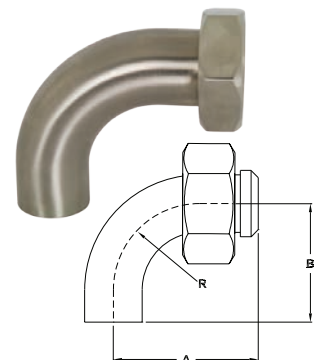
Tube OD	Dimensions		Wall Thickness	polished ID/OD 304 Stainless Steel		polished ID/OD 316L Stainless Steel	
	A	R		Part #	Price/E	Part #	Price/E
1/2"	1.125"	1.125"	.065"	---	---	B2WCL-R50P	\$32.25
3/4"	1.125"	1.125"	.065"	---	---	B2WCL-R75P	32.25
1"	1.500"	1.500"	.065"	B2WCL-G100P	\$16.75	B2WCL-R100P	20.20
1 1/2"	2.250"	2.250"	.065"	B2WCL-G150P	21.40	B2WCL-R150P	27.00
2"	3.000"	3.000"	.065"	B2WCL-G200P	29.25	B2WCL-R200P	37.15
2 1/2"	3.750"	3.750"	.065"	B2WCL-G250P	47.00	B2WCL-R250P	61.50
3"	4.500"	4.500"	.065"	B2WCL-G300P	66.85	B2WCL-R300P	85.35
4"	6.000"	6.000"	.083"	B2WCL-G400P	127.90	B2WCL-R400P	155.50
6"	9.000"	9.000"	.109"	B2WCL-G600P	471.35	B2WCL-R600P	510.25
8"	12.000"	12.000"	.120"	B2WCL-G800P	1336.00	B2WCL-R800P	1513.65

Polished 90° Clamp x Weld Elbows - B2CM 

Tube OD	Dimensions			Wall Thickness	polished ID/OD 304 Stainless Steel		polished ID/OD 316L Stainless Steel	
	A	B	R		Part #	Price/E	Part #	Price/E
1"	2.562"	2.062"	1.500"	.065"	B2CM-G100	\$77.45	B2CM-R100	\$94.20
1 1/2"	3.438"	2.937"	2.250"	.065"	B2CM-G150	77.45	B2CM-R150	94.20
2"	4.562"	4.062"	3.000"	.065"	B2CM-G200	86.90	B2CM-R200	104.45
2 1/2"	5.688"	5.187"	3.750"	.065"	B2CM-G250	113.70	B2CM-R250	158.20
3"	6.812"	6.312"	4.500"	.065"	B2CM-G300	151.15	B2CM-R300	220.65
4"	8.937"	8.312"	6.000"	.083"	B2CM-G400	259.10	B2CM-R400	327.60

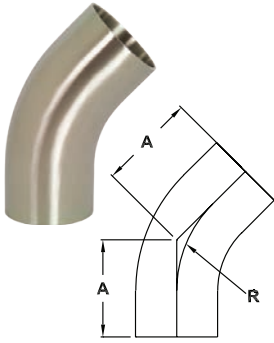
Polished 90° Plain Bevel Seat with Hex Nut x Weld Elbows - B2FP 

Tube OD	Dimensions			Wall Thickness	polished ID/OD 304 Stainless Steel	
	A	B	R		Part #	Price/E
1 1/2"	3.656"	2.937"	2.250"	.065"	B2FP-G150	\$135.75
2"	4.812"	4.062"	3.000"	.065"	B2FP-G200	152.80
2 1/2"	6.062"	5.187"	3.750"	.065"	B2FP-G250	240.25
3"	7.218"	6.312"	4.500"	.065"	B2FP-G300	262.75



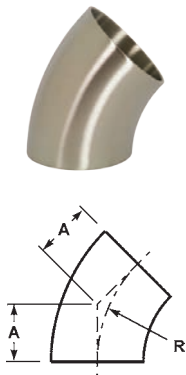
Weld Elbows

3 Polished 45° Weld Elbows with Tangents - B2KS



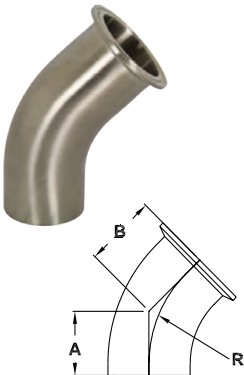
Tube OD	Dimensions		Wall Thickness	polished ID/OD 304 Stainless Steel		polished ID/OD 316L Stainless Steel	
	A	R		Part #	Price/E	Part #	Price/E
¾"	2.250"	2.250"	.065"	---	---	B2KS-R75P	\$111.45
1"	1.188"	1.188"	.065"	B2KS-G100P	\$25.65	B2KS-R100P	27.80
1½"	1.625"	1.625"	.065"	B2KS-G150P	27.80	B2KS-R150P	32.70
2"	2.312"	2.312"	.065"	B2KS-G200P	34.35	B2KS-R200P	45.25
2½"	3.000"	3.000"	.065"	B2KS-G250P	47.35	B2KS-R250P	63.10
3"	3.688"	3.688"	.065"	B2KS-G300P	64.00	B2KS-R300P	90.75
4"	4.812"	4.812"	.083"	B2KS-G400P	110.10	B2KS-R400P	148.15

3 Polished 45° Weld Elbows - B2WK



Tube OD	Dimensions		Wall Thickness	polished ID/OD 304 Stainless Steel		polished ID/OD 316L Stainless Steel	
	A	R		Part #	Price/E	Part #	Price/E
1"	.625"	1.500"	.065"	B2WK-G100P	\$19.95	B2WK-R100P	\$21.10
1½"	.937"	2.250"	.065"	B2WK-G150P	19.25	B2WK-R150P	21.95
2"	1.250"	3.000"	.065"	B2WK-G200P	25.35	B2WK-R200P	34.20
2½"	1.562"	3.750"	.065"	B2WK-G250P	37.05	B2WK-R250P	49.70
3"	1.875"	4.500"	.065"	B2WK-G300P	62.70	B2WK-R300P	79.30
4"	2.500"	6.000"	.083"	B2WK-G400P	112.00	B2WK-R400P	154.35
6"	3.750"	9.000"	.109"	B2WK-G600P	387.35	B2WK-R600P	465.65
8"	5.000"	12.000"	.120"	---	---	B2WK-R800P	1023.85

3 Polished 45° Clamp x Weld Elbows - B2KM



Tube OD	Dimensions			Wall Thickness	polished ID/OD 304 Stainless Steel		polished ID/OD 316L Stainless Steel	
	A	B	R		Part #	Price/E	Part #	Price/E
1"	1.188"	1.688"	1.500"	.065"	B2KM-G100	\$87.95	B2KM-R100	\$103.80
1½"	1.625"	2.125"	2.250"	.065"	B2KM-G150	96.90	B2KM-R150	92.70
2"	2.312"	2.812"	3.000"	.065"	B2KM-G200	115.75	B2KM-R200	121.55
2½"	3.000"	3.500"	3.750"	.065"	B2KM-G250	152.15	B2KM-R250	154.45
3"	3.688"	4.188"	4.500"	.065"	B2KM-G300	193.90	B2KM-R300	200.65
4"	4.812"	5.437"	6.000"	.083"	B2KM-G400	261.10	B2KM-R400	331.10

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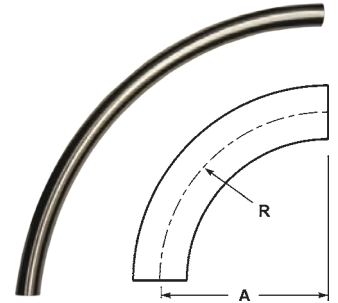
Weld Sweep Elbows

Feature:

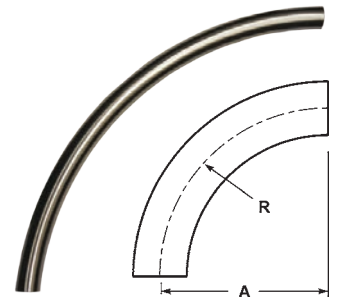
- Available options: call Dixon™ for tangents, 45° and other radii elbows.

Polished 12" 90° Weld Sweep Elbows - B2SXL 

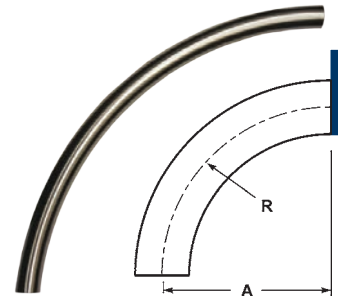
Tube OD	Dimensions		316L Stainless Steel	
	A	R	Part #	Price/E
1½"	12.00"	12.00"	B2SXL12-R150	\$913.55
2"	12.00"	12.00"	B2SXL12-R200	907.30
3"	12.00"	12.00"	B2SXL12-R300	1064.75
4"	12.00"	12.00"	B2SXL12-R400	1450.50

Polished 18" 90° Weld Sweep Elbows - B2SXL 

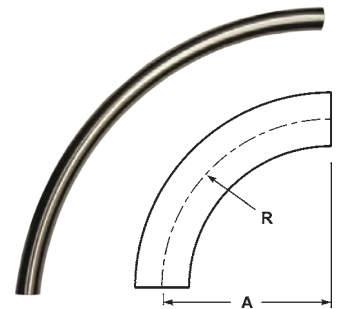
Tube OD	Dimensions		316L Stainless Steel	
	A	R	Part #	Price/E
1½"	18.00"	18.00"	B2SXL18-R150	\$1172.70
2"	18.00"	18.00"	B2SXL18-R200	1172.70
2½"	18.00"	18.00"	B2SXL18-R250	1197.40
3"	18.00"	18.00"	B2SXL18-R300	1419.65

Polished 24" 90° Weld Sweep Elbows - B2SXL 

Tube OD	Dimensions		316L Stainless Steel	
	A	R	Part #	Price/E
1½"	24.00"	24.00"	B2SXL24-R150	\$953.95
2"	24.00"	24.00"	B2SXL24-R200	1197.35
2½"	24.00"	24.00"	B2SXL24-R250	1296.20
3"	24.00"	24.00"	B2SXL24-R300	1573.95

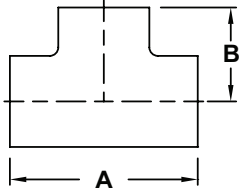
Polished 36" 90° Weld Sweep Elbows - B2SXL 

Tube OD	Dimensions		316L Stainless Steel	
	A	R	Part #	Price/E
3"	36.00"	36.00"	B2SXL36-R300	\$2607.80
4"	36.00"	36.00"	B2SXL36-R400	3317.55



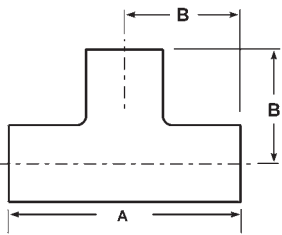
Weld Tees

3 Polished Short Weld Tees - B7WWW



Tube OD	Dimensions		Wall Thickness	polished ID/OD 304 Stainless Steel		polished ID/OD 316L Stainless Steel	
	A	B		Part #	Price/E	Part #	Price/E
1"	2.250"	1.125"	.065"	B7WWW-G100P	\$36.10	B7WWW-R100P	\$42.95
1½"	3.312"	1.656"	.065"	B7WWW-G150P	40.75	B7WWW-R150P	44.95
2"	4.124"	2.062"	.065"	B7WWW-G200P	51.25	B7WWW-R200P	57.00
2½"	4.688"	2.344"	.065"	B7WWW-G250P	63.30	B7WWW-R250P	78.20
3"	5.188"	2.594"	.065"	B7WWW-G300P	89.50	B7WWW-R300P	110.00
4"	6.876"	3.438"	.083"	B7WWW-G400P	138.55	B7WWW-R400P	162.50

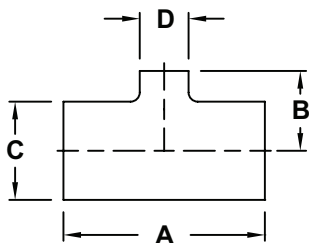
3 Polished Long Weld Tees - B7W



Tube OD	Dimensions		Wall Thickness	polished ID/OD 304 Stainless Steel		polished ID/OD 316L Stainless Steel	
	A	B		Part #	Price/E	Part #	Price/E
¾"	4.000"	2.000"	.065"	---	---	B7W-R75P	\$136.30
1"	3.750"	1.875"	.065"	B7W-G100P	\$40.85	B7W-R100P	48.50
1½"	4.500"	2.250"	.065"	B7W-G150P	40.80	B7W-R150P	53.45
2"	6.000"	3.000"	.065"	B7W-G200P	48.50	B7W-R200P	75.45
2½"	6.000"	3.000"	.065"	B7W-G250P	66.45	B7W-R250P	104.85
3"	6.500"	3.250"	.065"	B7W-G300P	99.35	B7W-R300P	130.15
4"	7.750"	3.875"	.083"	B7W-G400P	148.20	B7W-R400P	216.70

N

3 Polished Reducing Weld Tees - B7RWWW



Tube OD	Dimensions				Wall Thk.	polished ID/OD 304 Stainless Steel		polished ID/OD 316L Stainless Steel	
	A	B	C	D		Part #	Price/E	Part #	Price/E
1½" x 1"	3.312"	1.375"	1.500"	1.000"	.065"	B7RWWW-G150100P	\$70.05	B7RWWW-R150100P	\$77.75
2" x 1"	4.124"	1.625"	2.000"	1.000"	.065"	B7RWWW-G200100P	86.15	B7RWWW-R200100P	98.55
2" x 1½"	4.124"	1.906"	2.000"	1.500"	.065"	B7RWWW-G200150P	86.15	B7RWWW-R200150P	98.55
2½" x 1½"	4.688"	2.156"	2.500"	1.500"	.065"	B7RWWW-G250150P	94.45	B7RWWW-R250150P	100.85
2½" x 2"	4.688"	2.312"	2.500"	2.000"	.065"	B7RWWW-G250200P	94.45	B7RWWW-R250200P	100.85
3" x 1½"	5.188"	2.406"	3.000"	1.500"	.065"	B7RWWW-G300150P	132.40	B7RWWW-R300150P	160.95
3" x 2"	5.188"	2.562"	3.000"	2.000"	.065"	B7RWWW-G300200P	132.40	B7RWWW-R300200P	160.95
4" x 2"	6.876"	3.062"	4.000"	2.000"	.083"	B7RWWW-G400200P	202.85	B7RWWW-R400200P	257.20
4" x 3"	6.876"	3.094"	4.000"	3.000"	.083"	B7RWWW-G400300P	202.85	B7RWWW-R400300P	257.20

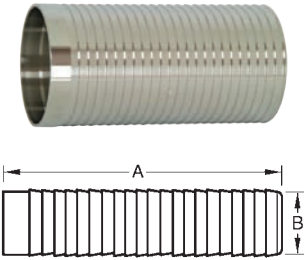
Weld Adapters

Long Weld Hose Adapters - 14WHRL

Feature:

- suitable for use with band clamps

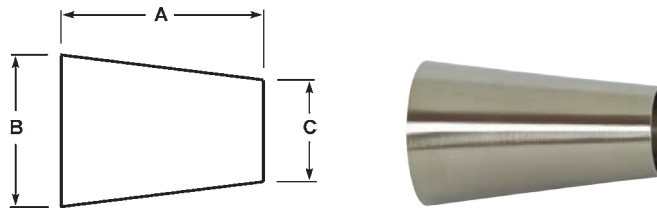
Tube OD	Dimensions		Wall Thickness	316L Stainless Steel	
	A	B		Part #	Price/E
1"	3.000"	1.030"	.116"	14WHRL-R100	\$38.85
1½"	4.500"	1.030"	.116"	14WHRL-R150	66.25
2"	4.500"	2.030"	.116"	14WHRL-R200	84.45
2½"	5.000"	2.530"	.116"	14WHRL-R250	115.50
3"	5.000"	3.030"	.116"	14WHRL-R300	137.75
4"	4.875"	4.030"	.116"	14WHRL-R400	193.15



Use of PVC tubing requires special installation techniques to prevent leakage. All assembly work must be done with heated tube. Cold durometer is 90 as opposed to rubber hose at 65 to 70 durometer.

Banding buckles must be at 180° from one another.

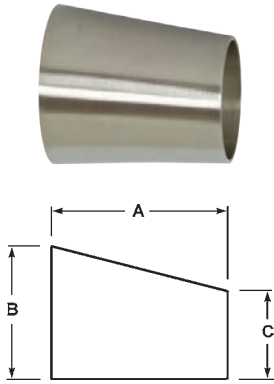
Weld Reducers

Polished Concentric Weld Reducers - B31W 

Tube OD	Dimensions			Wall Thickness	polished ID/OD 304 Stainless Steel		polished ID/OD 316L Stainless Steel	
	A	B	C		Part #	Price/E	Part #	Price/E
¾" x ½"	1.000"	.750"	.500"	.065"	---	---	B31W-R7550P	\$108.30
1" x ½"	2.000"	1.000"	.500"	.065"	---	---	B31W-R10050P	85.20
1" x ¾"	1.000"	1.000"	.750"	.065"	---	---	B31W-R10075P	103.00
1½" x ¾"	3.000"	1.500"	.750"	.065"	---	---	B31W-R15075P	170.65
1½" x 1"	2.000"	1.500"	1.000"	.065"	B31W-G150100P	\$40.00	B31W-R150100P	56.50
2" x 1"	4.000"	2.000"	1.000"	.065"	B31W-G200100P	70.40	B31W-R200100P	110.75
2" x 1½"	2.000"	2.000"	1.500"	.065"	B31W-G200150P	40.75	B31W-R200150P	68.80
2½" x 1½"	4.000"	2.500"	1.500"	.065"	B31W-G250150P	66.85	B31W-R250150P	111.65
2½" x 2"	2.000"	2.500"	2.000"	.065"	B31W-G250200P	47.50	B31W-R250200P	74.95
3" x 1½"	6.000"	3.000"	1.500"	.065"	B31W-G300150P	123.90	B31W-R300150P	183.40
3" x 2"	4.000"	3.000"	2.000"	.065"	B31W-G300200P	69.80	B31W-R300200P	112.25
3" x 2½"	2.000"	3.000"	2.500"	.065"	B31W-G300250P	82.80	B31W-R300250P	136.75
4" x 2"	8.000"	4.000"	2.000"	.083"	B31W-G400200P	180.05	B31W-R400200P	251.75
4" x 2½"	6.000"	4.000"	2.500"	.083"	B31W-G400250P	193.00	B31W-R400250P	232.15
4" x 3"	4.000"	4.000"	3.000"	.083"	B31W-G400300P	103.45	B31W-R400300P	131.70
6" x 3"	5.500"	6.000"	3.000"	.109"	B31W-G600300P	316.55	B31W-R600300P	470.90
6" x 4"	5.500"	6.000"	4.000"	.109"	B31W-G600400P	317.70	B31W-R600400P	351.60

Weld Reducers

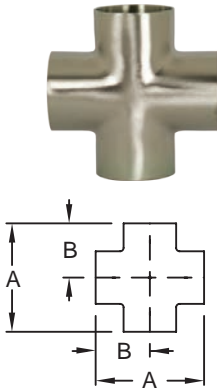
3 Polished Eccentric Weld Reducers - B32W



Tube OD	Dimensions			Wall Thk.	polished ID/OD 304 Stainless Steel		polished ID/OD 316L Stainless Steel	
	A	B	C		Part #	Price/E	Part #	Price/E
1" x 1/2"	2.000"	1.000"	.500"	.065"	---	---	B32W-R10050P	\$181.40
2" x 1"	4.000"	2.000"	1.000"	.065"	B32W-G200100P	\$146.30	B32W-R200100P	161.85
2" x 1 1/2"	2.000"	2.000"	1.500"	.065"	B32W-G200150P	67.70	B32W-R200150P	91.75
2 1/2" x 2"	2.000"	2.500"	2.000"	.065"	B32W-G250200P	71.00	B32W-R250200P	93.95
3" x 2"	4.000"	3.000"	2.000"	.065"	B32W-G300200P	114.90	B32W-R300200P	129.85
3" x 2 1/2"	2.000"	3.000"	2.500"	.065"	B32W-G300250P	124.70	B32W-R300250P	145.05
4" x 2"	8.000"	4.000"	2.000"	.083"	B32W-G400200P	238.55	B32W-R400200P	280.50
4" x 3"	4.000"	4.000"	3.000"	.083"	B32W-G400300P	137.15	B32W-R400300P	189.15

Weld Crosses

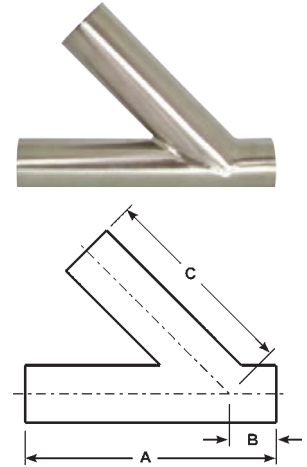
3 Polished Weld Crosses - B9WWWW



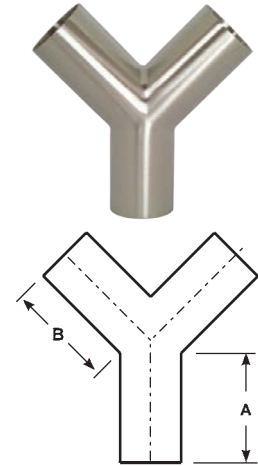
Tube OD	Dimensions		Wall Thickness	polished ID/OD 304 Stainless Steel		polished ID/OD 316L Stainless Steel	
	A	B		Part #	Price/E	Part #	Price/E
1 1/2"	3.312"	1.656"	.065"	B9WWWW-G150P	\$174.65	B9WWWW-R150P	\$320.05
2"	4.125"	2.062"	.065"	B9WWWW-G200P	217.75	B9WWWW-R200P	364.80
3"	5.187"	2.593"	.065"	B9WWWW-G300P	314.30	B9WWWW-R300P	591.75
4"	6.875"	3.437"	.083"	B9WWWW-G400P	484.95	B9WWWW-R400P	756.50

Miscellaneous **Weld Configurations**Polished Weld Laterals - *B28WA* 

Tube OD	Dimensions			Wall Thickness	polished ID/OD 316L Stainless Steel	
	A	B	C		Part #	Price/E
1"	6.000"	1.000"	5.000"	.065"	<i>B28WA-R100P</i>	\$476.20
1½"	7.375"	1.188"	6.188"	.065"	<i>B28WA-R150P</i>	476.20
2"	8.750"	1.625"	7.125"	.065"	<i>B28WA-R200P</i>	566.60
2½"	10.000"	1.500"	8.500"	.065"	<i>B28WA-R250P</i>	684.00
3"	10.750"	1.875"	8.875"	.065"	<i>B28WA-R300P</i>	784.80
4"	12.812"	2.015"	10.750"	.083"	<i>B28WA-R400P</i>	1242.10

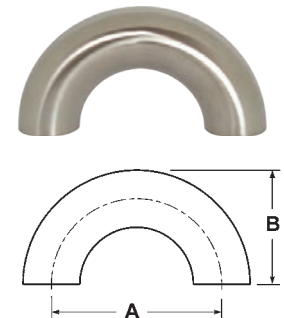
Polished Weld True Wyes - *B28W* 

Tube OD	Dimensions		Wall Thickness	polished ID/OD 316L Stainless Steel	
	A	B		Part #	Price/E
1"	2.000"	2.438"	.065"	<i>B28W-R100P</i>	\$430.25
1½"	2.000"	2.438"	.065"	<i>B28W-R150P</i>	448.15
2"	2.625"	3.250"	.065"	<i>B28W-R200P</i>	493.90
2½"	3.370"	4.125"	.065"	<i>B28W-R250P</i>	685.20
3"	4.000"	4.875"	.065"	<i>B28W-R300P</i>	740.85
4"	5.375"	5.375"	.083"	<i>B28W-R400P</i>	1116.55

Polished Weld 180° Return Bends - *B2WUL* **Feature:**

- bends are standard 1.5 x tube diameter

Tube OD	Dimensions		polished ID/OD 316L Stainless Steel	
	A	B	Part #	Price/E
1"	3.000"	2.000"	<i>B2WUL-R100P</i>	\$208.65
1½"	4.500"	3.000"	<i>B2WUL-R150P</i>	322.55
2"	6.000"	4.000"	<i>B2WUL-R200P</i>	415.35
2½"	7.500"	5.000"	<i>B2WUL-R250P</i>	525.00
3"	9.000"	6.000"	<i>B2WUL-R300P</i>	721.50
4"	12.000"	8.000"	<i>B2WUL-R400P</i>	814.20



Weld End Blue Protection Covers - *BCW***Feature:**

- Use these covers to protect all weld ends on fittings and valves.

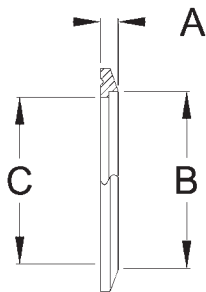


Size	Vinyl Plastic Part #	Price/E
1/2"	BCW-050	\$0.55
3/4"	BCW-075	0.90
1"	BCW-100	1.30
1 1/2"	BCW-150	1.65
2"	BCW-200	2.15
2 1/2"	BCW-250	2.90
3"	BCW-300	3.55
4"	BCW-400	5.30
6"	BCW-600	12.50
8"	BCW-800	23.65

Quick Weld Ferrules

**Features:**

- 304 stainless construction
- just slip onto sanitary OD tube and weld
- butt weld is not needed



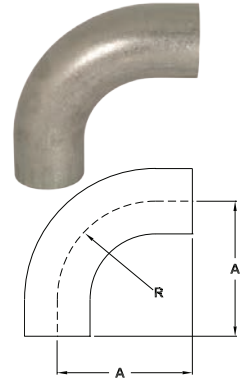
Tube OD	Dimensions			304 Stainless Steel	
	A	B	C	Part #	Price/E
1"	0.290"	1.005"	0.870"	14QMP-G100	\$7.45
1 1/2"	0.199"	1.505"	1.370"	14QMP-G150	7.45
2"	0.205"	2.005"	1.870"	14QMP-G200	9.50
2 1/2"	0.210"	2.505"	2.370"	14QMP-G250	11.45
3"	0.257"	3.005"	2.870"	14QMP-G300	14.35
4"	0.235"	4.005"	3.834"	14QMP-G400	21.80
6"	0.321"	6.005"	5.782"	14QMP-G600	56.15

N

Unpolished Elbows

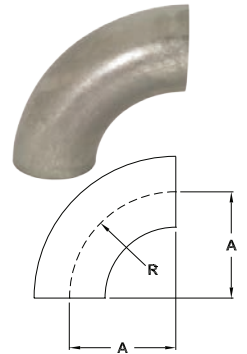
Unpolished 90° Weld Elbows with Tangents - B2S

Tube OD	Dimensions		Wall Thickness	unpolished 304 Stainless Steel		unpolished 316L Stainless Steel	
	A	R		Part #	Price/E	Part #	Price/E
¾"	3.000"	1.125"	.065"	---	---	B2S-R75U	\$69.30
1"	2.062"	1.500"	.065"	B2S-G100U	\$21.35	B2S-R100U	28.10
1½"	2.937"	2.250"	.065"	B2S-G150U	24.55	B2S-R150U	32.15
2"	4.062"	3.000"	.065"	B2S-G200U	29.55	B2S-R200U	43.30
2½"	5.187"	3.750"	.065"	B2S-G250U	42.75	B2S-R250U	68.00
3"	6.312"	4.500"	.065"	B2S-G300U	67.00	B2S-R300U	100.15
4"	8.312"	6.000"	.083"	B2S-G400U	119.30	B2S-R400U	191.25



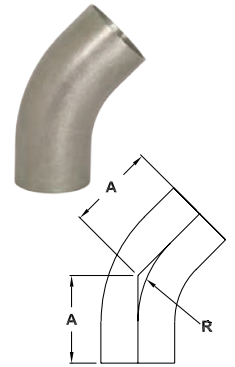
Unpolished 90° Weld Elbows - B2WCL

Tube OD	Dimensions		Wall Thickness	unpolished 304 Stainless Steel		unpolished 316L Stainless Steel	
	A	R		Part #	Price/E	Part #	Price/E
½"	1.125"	1.125"	.065"	---	---	B2WCL-R50U	\$25.25
¾"	1.125"	1.125"	.065"	---	---	B2WCL-R75U	27.00
1"	1.500"	1.500"	.065"	B2WCL-G100U	\$13.95	B2WCL-R100U	18.30
1½"	2.250"	2.250"	.065"	B2WCL-G150U	14.90	B2WCL-R150U	18.80
2"	3.000"	3.000"	.065"	B2WCL-G200U	20.70	B2WCL-R200U	27.15
2½"	3.750"	3.750"	.065"	B2WCL-G250U	33.45	B2WCL-R250U	43.10
3"	4.500"	4.500"	.065"	B2WCL-G300U	48.25	B2WCL-R300U	62.90
4"	6.000"	6.000"	.083"	B2WCL-G400U	96.05	B2WCL-R400U	122.20
6"	9.000"	9.000"	.109"	B2WCL-G600U	356.00	B2WCL-R600U	433.05
8"	12.000"	12.000"	.120"	B2WCL-G800U	642.65	B2WCL-R800U	826.70



Unpolished 45° Long Weld Elbows with Tangents - B2KS

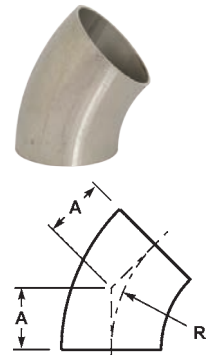
Tube OD	Dimension		Wall Thickness	unpolished 304 Stainless Steel		unpolished 316L Stainless Steel	
	A	R		Part #	Price/E	Part #	Price/E
¾"	2.250"	1.125"	.065"	---	---	B2KS-R75U	\$108.20
1"	1.188"	1.500"	.065"	B2KS-G100U	\$19.50	B2KS-R100U	23.75
1½"	1.625"	2.250"	.065"	B2KS-G150U	20.80	B2KS-R150U	27.90
2"	2.312"	3.000"	.065"	B2KS-G200U	27.30	B2KS-R200U	35.45
2½"	3.000"	3.750"	.065"	B2KS-G250U	37.15	B2KS-R250U	54.90
3"	3.688"	4.500"	.065"	B2KS-G300U	52.00	B2KS-R300U	73.30
4"	4.812"	6.000"	.083"	B2KS-G400U	95.55	B2KS-R400U	128.45

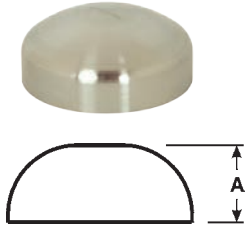


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Unpolished 45° Weld Elbows - B2WK

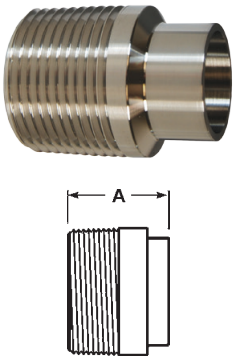
Tube OD	Dimensions		Wall Thickness	unpolished 304 Stainless Steel		unpolished 316L Stainless Steel	
	A	R		Part #	Price/E	Part #	Price/E
¾"	.466"	1.125"	.065"	---	---	B2WK-R75U	\$50.00
1"	.625"	1.500"	.065"	B2WK-G100U	\$17.35	B2WK-R100U	19.15
1½"	.937"	2.250"	.065"	B2WK-G150U	14.20	B2WK-R150U	18.50
2"	1.250"	3.000"	.065"	B2WK-G200U	18.30	B2WK-R200U	22.10
2½"	1.562"	3.750"	.065"	B2WK-G250U	26.05	B2WK-R250U	35.05
3"	1.875"	4.500"	.065"	B2WK-G300U	33.45	B2WK-R300U	48.30
4"	2.500"	6.000"	.083"	B2WK-G400U	73.20	B2WK-R400U	93.85
6"	3.750"	9.000"	.109"	B2WK-G600U	292.15	B2WK-R600U	382.45
8"	5.000"	12.000"	.120"	B2WK-G800U	454.60	B2WK-R800U	551.20



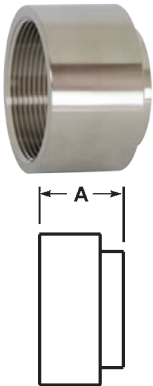
Unpolished End Caps - *B16W*

Tube OD	Dimension A	unpolished 304 Stainless Steel	
		Part #	Price/E
1"	.375"	B16W-G100	\$10.30
1½"	.562"	B16W-G150	12.35
2"	.750"	B16W-G200	20.95
2½"	1.000"	B16W-G250	28.40
3"	1.250"	B16W-G300	33.85
4"	1.500"	B16W-G400	61.25

Unpolished Adapters

Male NPT x Weld End Adapters - *B19WB*

Tube OD	Dimension A	Wall Thickness	304 Stainless Steel	
			Part #	Price/E
1"	1.750"	.065"	B19WB-G100	\$19.10
1½"	1.750"	.065"	B19WB-G150	24.65
2"	1.812"	.065"	B19WB-G200	33.90
2½"	2.312"	.065"	B19WB-G250	56.90
3"	2.500"	.065"	B19WB-G300	78.70
4"	2.562"	.083"	B19WB-G400	150.60

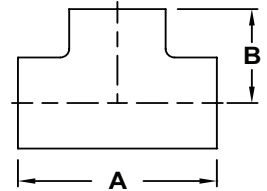
Female NPT x Weld End Adapters - *B22WB*

Tube OD	Dimension A	Wall Thickness	304 Stainless Steel	
			Part #	Price/E
1"	1.750"	.065"	B22WB-G100	\$128.60
1½"	1.750"	.065"	B22WB-G150	150.45
2"	1.812"	.065"	B22WB-G200	193.65
2½"	2.312"	.065"	B22WB-G250	301.25
3"	2.500"	.065"	B22WB-G300	320.80
4"	2.500"	.083"	B22WB-G400	428.00

Unpolished Tees

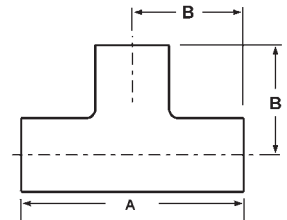
Unpolished Short Weld Tees - B7WWW

Tube OD	Dimensions		Wall Thickness	unpolished 304 Stainless Steel		unpolished 316L Stainless Steel	
	A	B		Part #	Price/E	Part #	Price/E
1"	2.250	1.125	.065	B7WWW-G100U	\$20.30	B7WWW-R100U	\$30.15
1½"	3.312	1.656	.065	B7WWW-G150U	21.70	B7WWW-R150U	39.60
2"	4.124	2.062	.065	B7WWW-G200U	27.60	B7WWW-R200U	48.75
2½"	4.688	2.344	.065	B7WWW-G250U	42.10	B7WWW-R250U	80.60
3"	5.188	2.594	.065	B7WWW-G300U	56.90	B7WWW-R300U	82.50
4"	6.876	3.438	.083	B7WWW-G400U	117.85	B7WWW-R400U	153.05



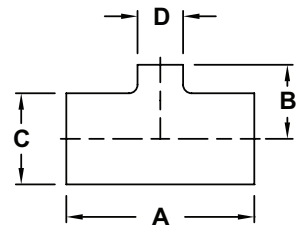
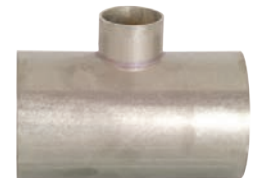
Unpolished Long Weld Tees - B7W

Tube OD	Dimensions		Wall Thickness	unpolished 304 Stainless Steel		unpolished 316L Stainless Steel	
	A	B		Part #	Price/E	Part #	Price/E
¾"	4.000	2.000	.065	---	---	B7W-R75U	\$95.00
1"	3.750	1.875	.065	B7W-G100U	\$22.90	B7W-R100U	29.25
1½"	4.500	2.250	.065	B7W-G150U	25.35	B7W-R150U	37.15
2"	6.000	3.000	.065	B7W-G200U	31.10	B7W-R200U	44.90
2½"	6.000	3.000	.065	B7W-G250U	44.65	B7W-R250U	68.60
3"	6.500	3.250	.065	B7W-G300U	60.70	B7W-R300U	96.75
4"	7.750	3.875	.083	B7W-G400U	100.05	B7W-R400U	206.90



Unpolished Reducing Weld Tees - B7RWWW

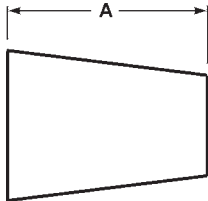
Tube OD	Dimensions				Wall Thk.	unpolished 304 Stainless Steel		unpolished 316L Stainless Steel	
	A	B	C	D		Part #	Price/E	Part #	Price/E
1½" x 1"	3.312"	1.375"	1.500"	1.000"	.065"	B7RWWW-G150100U	\$36.20	B7RWWW-R150100U	\$59.70
2" x 1"	4.124"	1.625"	2.000"	1.000"	.065"	B7RWWW-G200100U	45.20	B7RWWW-R200100U	97.10
2" x 1½"	4.124"	1.906"	2.000"	1.500"	.065"	B7RWWW-G200150U	45.20	B7RWWW-R200150U	97.10
2½" x 1½"	4.688"	2.156"	2.500"	1.500"	.065"	B7RWWW-G250150U	70.65	B7RWWW-R250150U	79.80
2½" x 2"	4.688"	2.312"	2.500"	2.000"	.065"	B7RWWW-G250200U	70.65	B7RWWW-R250200U	79.80
3" x 1½"	5.188"	2.406"	3.000"	1.500"	.065"	B7RWWW-G300150U	103.10	B7RWWW-R300150U	160.05
3" x 2"	5.188"	2.562"	3.000"	2.000"	.065"	B7RWWW-G300200U	103.10	B7RWWW-R300200U	160.05
4" x 2"	6.876"	3.062"	4.000"	2.000"	.083"	B7RWWW-G400200U	114.70	B7RWWW-R400200U	165.80
4" x 3"	6.876"	3.094"	4.000"	3.000"	.083"	B7RWWW-G400300U	114.70	B7RWWW-R400300U	165.80



N

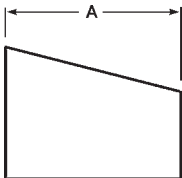
Unpolished Weld Reducers

Unpolished Concentric Weld Reducers - B31W



Tube OD	Dim. A	Wall Thickness	unpolished 304 Stainless Steel		unpolished 316L Stainless Steel	
			Part #	Price/E	Part #	Price/E
¾" x ½"	1.000"	.065"	---	---	B31W-R7550U	\$74.30
1" x ½"	2.000"	.065"	---	---	B31W-R10050U	82.35
1" x ¾"	1.000"	.065"	---	---	B31W-R10075U	82.35
1½" x ¾"	3.000"	.065"	---	---	B31W-R15075U	162.05
1½" x 1"	2.000"	.065"	B31W-G150100U	\$21.70	B31W-R150100U	27.45
2" x 1"	4.000"	.065"	B31W-G200100U	40.45	B31W-R200100U	61.60
2" x 1½"	2.000"	.065"	B31W-G200150U	24.45	B31W-R200150U	31.30
2½" x 1½"	4.000"	.065"	B31W-G250150U	50.50	B31W-R250150U	65.95
2½" x 2"	2.000"	.065"	B31W-G250200U	29.05	B31W-R250200U	34.80
3" x 1½"	6.000"	.065"	B31W-G300150U	83.90	B31W-R300150U	132.15
3" x 2"	4.000"	.065"	B31W-G300200U	49.20	B31W-R300200U	61.75
3" x 2½"	2.000"	.065"	B31W-G300250U	38.35	B31W-R300250U	47.80
4" x 2"	8.000"	.083"	B31W-G400200U	121.05	B31W-R400200U	138.30
4" x 2½"	6.000"	.083"	B31W-G400250U	116.05	B31W-R400250U	214.15
4" x 3"	4.000"	.083"	B31W-G400300U	49.65	B31W-R400300U	66.85
6" x 4"	5.500"	.109"	B31W-G600400U	314.00	B31W-R600400U	433.90

Unpolished Eccentric Weld Reducers - B32W

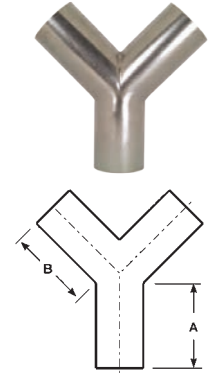


Tube OD	Dim. A	Wall Thickness	unpolished 304 Stainless Steel		unpolished 316L Stainless Steel	
			Part #	Price/E	Part #	Price/E
1" x ½"	2.000"	.065"	---	---	B32W-R10050U	\$96.65
2" x 1"	4.000"	.065"	B32W-G200100U	\$59.75	B32W-R200100U	126.40
2" x 1½"	2.000"	.065"	B32W-G200150U	33.95	B32W-R200150U	36.55
2½" x 2"	2.000"	.065"	B32W-G250200U	44.90	B32W-R250200U	46.80
3" x 2"	4.000"	.065"	B32W-G300200U	67.20	B32W-R300200U	93.70
3" x 2½"	2.000"	.065"	B32W-G300250U	87.65	B32W-R300250U	105.70
4" x 2"	8.000"	.083"	B32W-G400200U	180.90	B32W-R400200U	239.25
4" x 3"	4.000"	.083"	B32W-G400300U	77.40	B32W-R400300U	117.95

Unpolished Miscellaneous Configurations

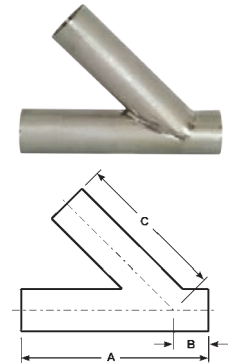
Unpolished Weld True Wyes - B28W

Tube OD	Dimensions		Wall Thickness	unpolished 316L Stainless Steel	
	A	B		Part #	Price/E
1"	2.000"	2.438"	.065"	B28W-R100U	\$340.85
1½"	2.000"	2.438"	.065"	B28W-R150U	436.20
2"	2.625"	3.250"	.065"	B28W-R200U	482.45
2½"	3.370"	4.125"	.065"	B28W-R250U	681.25
3"	4.000"	4.875"	.065"	B28W-R300U	694.95
4"	5.375"	5.375"	.083"	B28W-R400U	768.10



Unpolished Weld Laterals - B28WA

Tube OD	Dimensions			Wall Thickness	unpolished 316L Stainless Steel	
	A	B	C		Part #	Price/E
1"	6.000"	1.000"	5.000"	.065"	B28WA-R100U	\$390.15
1½"	7.375"	1.188"	6.188"	.065"	B28WA-R150U	455.20
2"	8.750"	1.625"	7.125"	.065"	B28WA-R200U	431.65
2½"	10.000"	1.500"	8.500"	.065"	B28WA-R250U	483.95
3"	10.750"	1.875"	8.875"	.065"	B28WA-R300U	631.80
4"	12.812"	2.015"	10.750"	.083"	B28WA-R400U	670.60

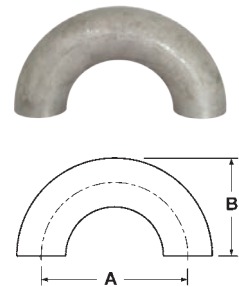


Unpolished Weld 180° Return Bends - B2WUL

Feature:

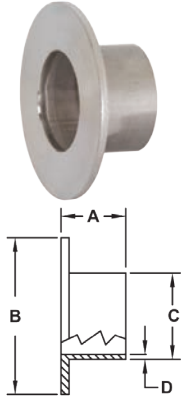
- bends are standard 1.5 x tube diameter

Tube OD	Dimensions		Wall Thickness	unpolished 316L Stainless Steel	
	A	B		Part #	Price/E
1"	3.000"	2.000"	.065"	B2WUL-R100U	\$149.45
1½"	4.500"	3.000"	.065"	B2WUL-R150U	168.90
2"	6.000"	4.000"	.065"	B2WUL-R200U	239.45
2½"	7.500"	5.000"	.065"	---	---
3"	9.000"	6.000"	.065"	B2WUL-R300U	434.50
4"	12.000"	8.000"	.083"	B2WUL-R400U	491.25


N

See pages 500 for weld end protection covers.

Unpolished Type A Stub Ends - 14VB

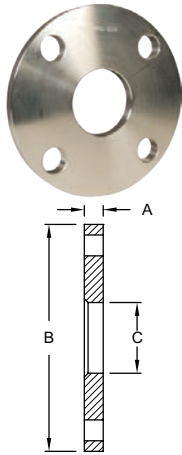
**Feature:**

- typically used with B38SL flanges

Tube OD	Dimensions				316L Stainless Steel	
	A	B	C	D	Part #	Price/E
1"	1.625"	2.000"	1.000"	.065"	14VB-R100	\$67.50
1½"	1.750"	2.875"	1.500"	.065"	14VB-R150	76.65
2"	1.500"	3.625"	2.000"	.065"	14VB-R200	114.95
2½"	2.000"	4.125"	2.500"	.065"	14VB-R250	153.20
3"	2.250"	5.000"	3.000"	.065"	14VB-R300	191.55
4"	2.625"	6.187"	4.000"	.084"	14VB-R400	306.35
6"	3.000"	8.500"	6.000"	.109"	14VB-R600	595.90
8"	3.000"	10.625"	8.000"	.120"	14VB-R800	1002.55

Flanges

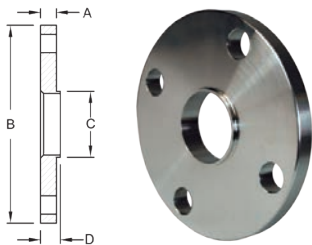
Unpolished Slip-On 150# Flanges - B38SL



Tube OD	Dimensions			Number & Diameter Bolt Holes	Bolt Circle	304 Stainless Steel		316L Stainless Steel	
	A	B	C			Part #	Price/E	Part #	Price/E
1"	.375"	4.250"	1.063"	4/.625"	3.125"	B38SL-G100	\$90.25	B38SL-R100	\$125.00
1½"	.375"	5.000"	1.563"	4/.625"	3.875"	B38SL-G150	112.20	B38SL-R150	152.75
2"	.437"	6.000"	2.063"	4/.750"	4.750"	B38SL-G200	138.50	B38SL-R200	256.75
3"	.500"	7.500"	3.063"	4/.750"	6.000"	B38SL-G300	250.60	B38SL-R300	468.05
4"	.562"	9.000"	4.063"	8/.750"	7.500"	B38SL-G400	343.55	B38SL-R400	663.60
6"	.562"	11.000"	6.063"	8/.875"	9.500"	B38SL-G600	530.85	B38SL-R600	873.20
8"	.687"	13.500"	8.063"	8/.875"	11.750"	B38SL-G800	1061.75	B38SL-R800	1536.65

N

Unpolished Weld Neck Flanges - B38W



Tube OD	Dimensions				Number & Diameter Bolt Holes	Bolt Circle	316L Stainless Steel	
	A	B	C	D			Part #	Price/E
1"	.375"	4.250"	1.000"	.500"	4/.625"	3.125"	B38W-R100	\$216.10
1½"	.375"	5.000"	1.500"	.500"	4/.625"	3.875"	B38W-R150	247.05
2"	.500"	6.000"	2.000"	.625"	4/.750"	4.750"	B38W-R200	295.40
2½"	.500"	7.000"	2.500"	.625"	4/.750"	5.500"	B38W-R250	412.70
3"	.500"	7.500"	3.000"	.625"	4/.750"	6.000"	B38W-R300	471.95
4"	.500"	9.000"	4.000"	.625"	8/.750"	7.500"	B38W-R400	613.90
6"	.500"	11.000"	6.000"	.625"	8/.875"	9.500"	B38W-R600	2562.00
8"	.500"	13.500"	8.000"	.625"	8/.875"	11.750"	B38W-R800	3519.80

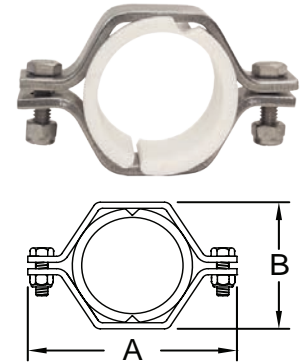
Tube Hangers

Hex Tube Hanger with ABS Sleeve - B24PS

Feature:

- maximum temperatures: **230°F**

Tube OD	Dimensions		304 Stainless Steel	
	A	B	Part #	Price/E
½"	2.800"	1.150"	B24PS-G50	\$9.25
¾"	2.800"	1.150"	B24PS-G75	9.25
1"	3.425"	1.450"	B24PS-G100	12.40
1½"	4.000"	2.125"	B24PS-G150	13.60
2"	4.500"	2.500"	B24PS-G200	16.25
2½"	4.950"	3.125"	B24PS-G250	18.95
3"	5.500"	3.750"	B24PS-G300	21.30
4"	6.950"	4.750"	B24PS-G400	28.05
5"	8.063"	5.625"	B24PS-G500	79.90
6"	9.250"	6.625"	B24PS-G600	69.85
8"	11.500"	8.625"	B24PS-G800	112.25



Sleeves - 13PS

Features:

- maximum temperature: **230°F**
- high temperature sleeves are also available, contact Dixon™

Size	ABS		Size	ABS	
	Part #	Price/E		Part #	Price/E
½"	13PS-50	\$7.05	3"	13PS-300	\$8.50
¾"	13PS-75	7.05	4"	13PS-400	10.75
1"	13PS-100	5.65	5"	13PS-500	64.40
1½"	13PS-150	5.65	6"	13PS-600	17.20
2"	13PS-200	5.65	8"	13PS-800	33.55
2½"	13PS-250	8.20			

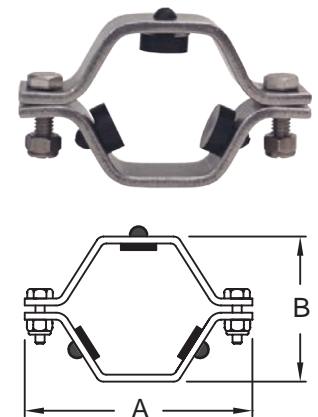


Hex Tube Hanger with Nitrile Grommets - B24RG

Features:

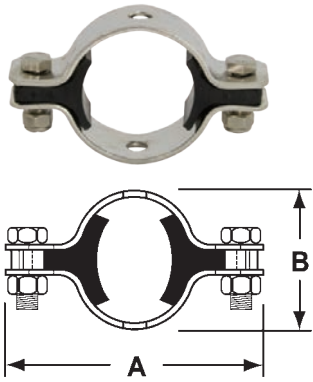
- replacement grommets are available, contact Dixon™
- nitrile grommets; maximum temperature: **230°F**

Tube OD	Dimensions		304 Stainless Steel	
	A	B	Part #	Price/E
½" - ¾"	3.425"	1.450"	B24RG-G75	\$11.35
1"	3.425"	1.450"	B24RG-G100	11.30
1½"	4.000"	2.125"	B24RG-G150	12.15
2"	4.500"	2.500"	B24RG-G200	14.60
2½"	4.950"	3.125"	B24RG-G250	16.65
3"	5.500"	3.750"	B24RG-G300	18.80
4"	6.950"	4.750"	B24RG-G400	24.45
5"	8.000"	5.625"	B24RG-G500	43.75
6"	9.250"	6.625"	B24RG-G600	40.60
8"	11.500"	8.625"	B24RG-G800	95.90


N

Tube Hangers

Round Tube Hangers with Nitrile Inserts - B24RPH


Feature:

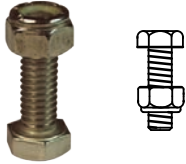
- Nitrile inserts, maximum temperature: **230°F**

Tube OD	Dimensions		304 Stainless Steel with nitrile insert	
	A	B	Part #	Price/E
1/2"	2.750"	1.125"	B24RPH-G50	\$12.05
3/4"	2.750"	1.125"	B24RPH-G75	12.05
1"	3.310"	1.500"	B24RPH-G100	19.20
1 1/2"	3.810"	2.000"	B24RPH-G150	20.45
2"	4.250"	2.562"	B24RPH-G200	23.65
2 1/2"	5.000"	3.000"	B24RPH-G250	26.35
3"	5.500"	3.562"	B24RPH-G300	29.55
4"	6.500"	4.688"	B24RPH-G400	37.20

Nuts and Bolts - 13NHN

Features:

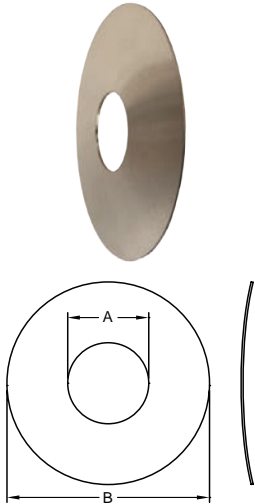
- all size hex hangers with grommets and round hangers 1" to 4" use 13NHN-G100-600 fastener sets
- 1/2" and 3/4" round and sleeved hangers use 13NHN-G75 fastener sets
- 2 nuts and bolts supplied to a set



Size	Description	304 Stainless Steel	
		Part #	Price/E
1/2" - 3/4"	1/4"-20 x 3/4" bolt with nylock nut	13NHN-G75	\$2.90
1" - 12"	5/16"-18 x 1" bolt with nylock nut	13NHN-G100-600	9.15

Wall Flanges - B25

N



Tube OD	Dimensions		Wall Thickness	304 Stainless Steel	
	A	B		Part #	Price/E
1/2"	.50"	3.00"	.065"	B25-G050300	\$31.05
1/2"	.50"	5.00"	.065"	B25-G050500	34.10
3/4"	.75"	3.00"	.065"	B25-G075300	29.75
3/4"	.75"	5.00"	.065"	B25-G075500	33.75
1"	1.00"	3.00"	.065"	B25-G100300	25.40
1"	1.00"	5.00"	.065"	B25-G100500	28.85
1 1/2"	1.50"	5.00"	.065"	B25-G150500	29.35
2"	2.00"	5.00"	.065"	B25-G200500	29.90
2 1/2"	2.50"	5.00"	.065"	B25-G250500	30.45
3"	3.00"	6.00"	.065"	B25-G300600	30.90
4"	4.00"	7.00"	.065"	B25-G400700	37.80
6"	6.00"	10.00"	.065"	B25-G6001000	171.50
8"	8.00"	12.00"	.065"	B25-G8001200	212.35
10"	10.00"	14.00"	.065"	B25-G10001400	272.00
12"	12.00"	16.00"	.065"	B25-G12001600	286.50

Tubing

Product Specifications

Features:

- size range: ½" - 6" OD tube
- materials:
 - 304 stainless steel
 - 316L stainless steel
- finishes:
 - ASTM-A210 3A sanitary finish ID and OD
 - ASTM-A269 unpolished ID and OD
 - BPE finishes are available
- tubing available in 20' lengths only
- surcharges change MONTHLY
- tubing only ships via truck
- tubing is NOT returnable
- if not ordered in full box quantity, broken box charge will be applied
- other sizes may be available, call Dixon™ for information



Tube OD	Wall Thickness	Gage Number	Box Qty	Weight Pounds per feet
½"	.065"	16	100'	0.31
¾"	.065"	16	100'	0.49
1"	.065"	16	280'	0.67
1½"	.065"	16	340'	1.02
2"	.065"	16	340'	1.36
2½"	.065"	16	220'	1.71
3"	.065"	16	220'	2.06
4"	.083"	14	100'	3.45
6"	.109"	12	40'	6.92

Operating Pressures

304 Stainless Steel Tube

Tube OD	Wall Thickness	Pressure (PSI)		
		working	yield	burst
½"	.065"	4,870	7,800	19,500
¾"	.065"	3,250	5,200	13,000
1"	.065"	2,440	3,900	9,800
1½"	.065"	1,630	2,600	6,500
2"	.065"	1,220	2,000	4,900
2½"	.065"	980	1,600	3,900
3"	.065"	810	1,300	3,300
4"	.083"	780	1,200	3,100
6"	.109"	680	1,090	2,720

The pressures shown in the table above are calculated using Barlow's formula and the following properties:

- material: 304 stainless steel
- yield strength (PSI): 30,000
- tensile strength (PSI): 75,000

working pressure = ¼ of burst pressure, these calculate from **-20°F to 100°F**

316L Stainless Steel Tube

Tube OD	Wall Thickness	Pressure (PSI)		
		working	yield	burst
½"	.065"	3,250	6,500	19,500
¾"	.065"	2,167	4,330	13,000
1"	.065"	2,280	3,300	9,100
1½"	.065"	1,520	2,200	6,100
2"	.065"	1,140	1,600	4,600
2½"	.065"	910	1,300	3,600
3"	.065"	760	1,100	3,000
4"	.083"	730	1,000	2,900
6"	.109"	635	900	2,540

The pressures shown in the table above are calculated using Barlow's formula and the following properties:

- material: 316L stainless steel
- yield strength (PSI): 25,000
- tensile strength (PSI): 70,000

working pressure = ¼ of burst pressure, these calculate from **-20°F to 100°F**



Pipe size and tube OD size materials are not interchangeable

Call Dixon™ 800.789.1718 for pricing and freight allowance.

Sight Glasses

Product Specifications



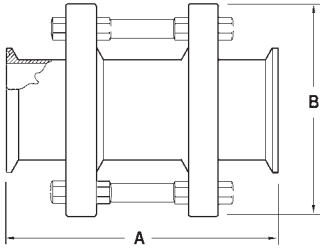
Features:

- size range: 1" - 6" OD tube
- material:
 - 316L stainless steel
 - Borosilicate glass
 - white buna gaskets
- finish:
 - 32R_a sanitary finish, ID and OD

In-Line Sight Glasses - B54BMP

Features:

- various end configurations are available: clamp, weld, bevel seat, John Perry, I-Line and Q-Line
- maximum temperature: **200°F**



Tube OD	Dimensions		Working Pressure PSI	316L Stainless Steel Part #	Price/E
	A	B			
1"	5.625"	3.250"	145	B54BMP-R100	\$568.40
1½"	5.625"	4.000"	145	B54BMP-R150	645.30
2"	5.625"	4.250"	145	B54BMP-R200	683.80
2½"	6.125"	4.750"	120	B54BMP-R250	876.30
3"	7.250"	5.500"	120	B54BMP-R300	1029.95
4"	7.375"	6.500"	95	B54BMP-R400	1232.45
6"	7.625"	9.500"	80	B54BMP-R600	6179.50

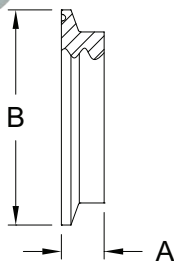
Kits and Replacement Parts

Seal kit contains:

(2) white buna gaskets

Size	Seal Kit Part Number	Price/E	Replacement Glass Part #	Price/E
1"	B54BMP-SK100	\$10.90	B54G-P100	\$291.60
1½"	B54BMP-SK150	10.90	B54G-P150	338.45
2"	B54BMP-SK200	10.90	B54G-P200	360.75
2½"	B54BMP-SK250	14.70	B54G-P250	463.20
3"	B54BMP-SK300	14.70	B54G-P300	548.05
4"	B54BMP-SK400	14.70	B54G-P400	651.40
6"	B54BMP-SK600	POR	B54G-P600	POR

Acrylic Sight Glass End Caps - B5416MP



Features:

- for use on any line with a clamp and gasket
- maximum temperature: **150°F**
- maximum operating pressure: **100 PSI**

Tube OD	Dimensions		Acrylic Part #	Price/E
	A	B		
1" - 1½"	.438"	1.984"	B5416MP-A100150	\$133.80
2"	.438"	2.516"	B5416MP-A200	140.75
2½"	.438"	3.047"	B5416MP-A250	165.10
3"	.438"	3.579"	B5416MP-A300	173.05
4"	.438"	4.682"	B5416MP-A400	355.55
6"	.438"	6.562"	B5416MP-A600	766.70

Compact Sight Glasses

NEW**Applications:**

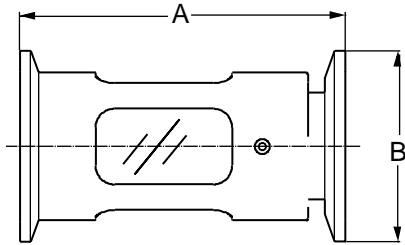
- Used widely in the food, dairy and beverage sanitary processes to view products and fluids. This design is perfect for hoses.

Features:

- easier to clean than bolted styles
- less cost to repair than bolted styles
- clamp connections standard
- sizes available: 1", 1½", 2", 3"
- maximum temperature: 200°F
- maximum pressure: 100 PSI

Materials:

- body: 316L stainless steel
- sight glass: Borosilicate glass
- gasket: buna



Tube OD	Dimensions		316L Stainless Steel Part #	Price/E
	A	B		
1"	3.375	1.980	B54BMPS-R100	\$219.30
1½"	3.640	1.980	B54BMPS-R150	332.70
2"	3.830	2.516	B54BMPS-R200	362.95
3"	4.130	3.800	B54BMPS-R300	622.80
4"	4.340	4.680	B54BMPS-R400	909.20

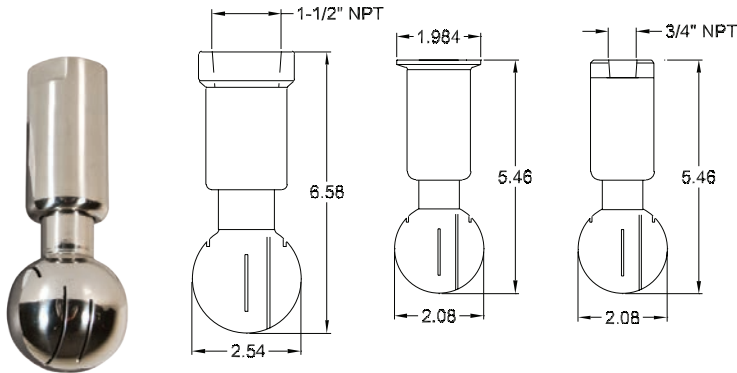
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Kits and Replacement Parts

Size	Seal Kit Part Number	Price/E	Replacement Glass Part #	Price/E
1"	B54BMPS-SK100	\$12.05	B54BMPS-GL100	\$85.55
1½"	B54BMPS-SK150	12.05	B54BMPS-GL150	133.45
2"	B54BMPS-SK200	12.05	B54BMPS-GL200	151.35
3"	B54BMPS-SK300	16.25	B54BMPS-GL300	207.05
4"	B54BMPS-SK400	28.40	B54BMPS-GL400	362.30

Spray Balls

Rotating Spray Balls - SRH



SRH360NPT-R150 SRH360CMP-G150 SRH360NPT-R075
SRH360CMP-R150

Application:

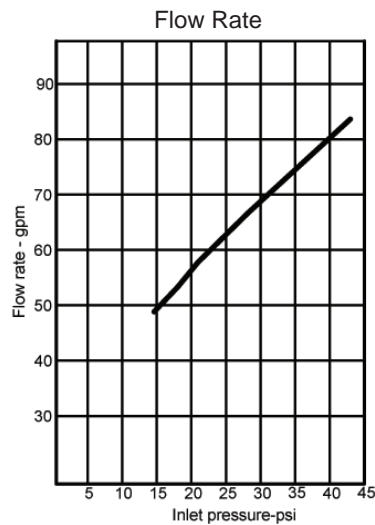
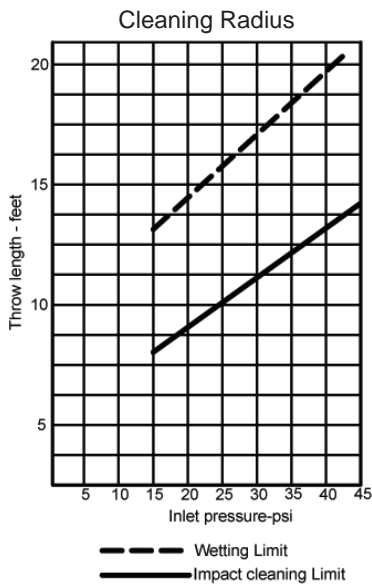
- ideal for cleaning all types of tanks and vessels

Features:

- stainless steel ball bearings eliminate rust
- cleaning solution lubricates unit
- mirror-like finish (OD)
- spray pattern: 360°
- available connections: clamp and NPT

Size	Type	304 Stainless Steel		316L Stainless Steel	
		Part #	Price/E	Part #	Price/E
3/4"	NPT	SRH360NPT-G075	\$140.70	---	---
1 1/2"	NPT	---	---	SRH360NPT-R150	\$308.10
1 1/2"	clamp	SRH360CMP-G150	150.05	SRH360CMP-R150	202.55

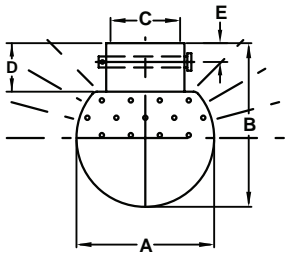
Technical Data



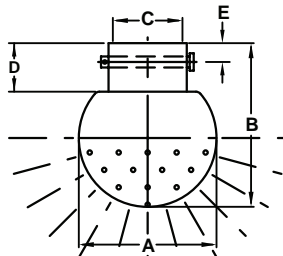
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Spray Balls

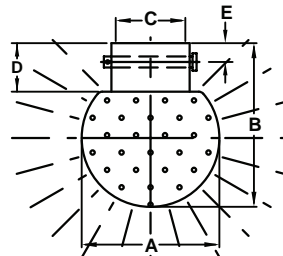
Stationary Spray Balls - STC



180° Top Pattern



180° Bottom Pattern



360° Pattern



Application:

- typically used in food and beverage industries for cleaning storage tanks

Features:

- heavy duty 316L stainless steel construction provides longer life
- stationary - designed to be mounted to a tube or pipe
- 2 mm spray holes
- various spray patterns available (blanks available as special order)

Size	Pin Length	Spray Pattern	Dimensions					Pin Size	316L Stainless Steel	
			A	B	C	D	E		Part #	Price/E
1"	1.47"	360°	3.04"	2.95"	1.005"	.975"	.445"	.226"	STC-360-R100	\$121.05
1½"	1.95"	360°	3.54"	2.95"	1.505"	.975"	.445"	.226"	STC-360-R150	186.65
1"	1.47"	180° bottom	3.54"	2.95"	1.005"	.975"	.445"	.226"	STC-180B-R100	123.20
1½"	1.95"	180° bottom	3.54"	2.95"	1.505"	.975"	.445"	.226"	STC-180B-R150	175.95
1"	1.47"	180° top	3.54"	2.95"	1.005"	.975"	.445"	.226"	STC-180T-R100	123.20
1½"	1.95"	180° top	3.54"	2.95"	1.505"	.975"	.445"	.226"	STC-180T-R150	175.95

Repair Kits

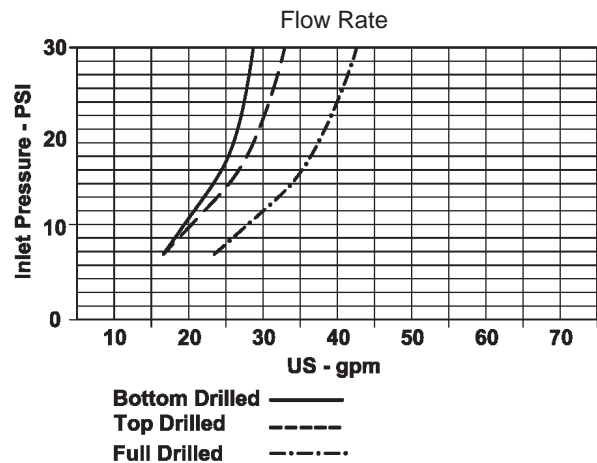
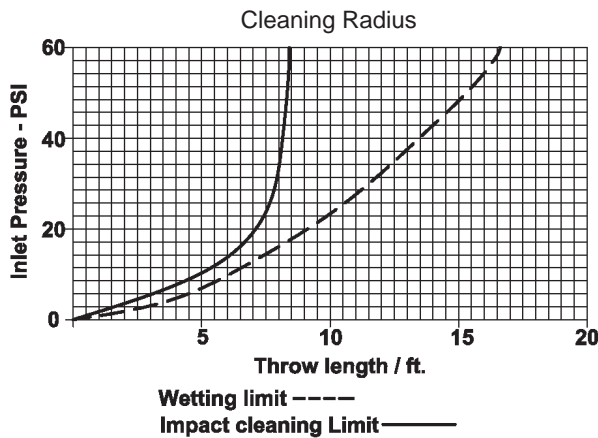
Repair kit contains:

- (1) pin
- (1) R clip

Size	Part #	Price/E
1"	STC-RK100	\$8.85
1½"	STC-RK150	9.10



Technical Data



Dixon™ Strainers

Product Specifications



Size range:

- 1" - 3" clamp connection

Type:

- Inline
 - short
 - long
- Side Entry
 - long

Material:

- 316L stainless steel

Finish:

- 3A sanitary, ID and OD

What Are Strainers and Filters Used For?

Strainers

A strainer is a device used to separate solids from fluids. Can be used to remove larger particulate matter from liquid or gas. It uses cleanable media.

Filters

A filter uses a disposable media to remove finer particulate from the stream. Dixon™ holds Authorization Number 1446 for the 3A Sanitary Standard for Filters using Single Service Filter Media, Number: 10-4. Vertical mounting is necessary to meet 3A 10-04 requirements for minimal product clingage.

N



Full Flow Coarse Strainers:
 $\frac{1}{4}$ " or $\frac{1}{8}$ " perforations.
 ($\frac{1}{8}$ " not 3A)



Full Flow Fine/Medium Strainers:
 Can be equipped with a variety of mesh screens for removing finer particles (20 to 100 mesh). See chart on page 517. (not 3A)

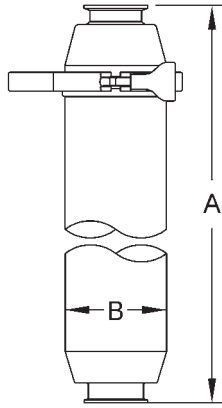


Full Flow Filters:

Can be equipped with a variety of filtering media, down to 40 microns. Media options include polyester, cotton cheesecloth and nylon mesh. See chart on page 517.

Strainers

In-line Strainer - BSCCQ

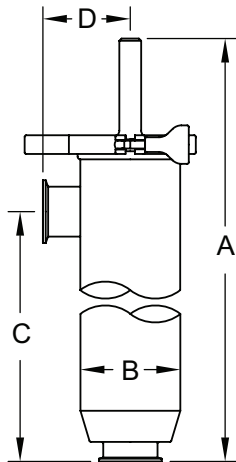


Features:

- in-line units ship standard with the following: spring, distributor cap, clamp gasket, ¼" perforated back-up tube, inlet and outlet bodies and squeeze clamp
- must be vertically mounted to be 3A compliant
- bevel seat, I-line and weld ends available, call Dixon™ for information
- ½" perforated back-up tube available, must specify when ordering (not 3A)

Size	Dimensions			Short 316L Stainless Steel Part #	Price/E	Long 316L Stainless Steel Part #	Price/E
	A short	A long	B				
1"	15.75"	--	4.00"	BSCCQ1-R100	\$1439.45	---	---
1½"	15.75"	35.375"	4.00"	BSCCQ1-R150	1439.45	BSCCQ2-R150	\$2545.35
2"	15.75"	35.375"	4.00"	BSCCQ1-R200	1439.45	BSCCQ2-R200	2545.35
2½"	15.75"	--	4.50"	BSCCS1-R250	1698.95	---	---
3"	15.75"	35.375"	4.50"	BSCCS1-R300	1698.95	BSCCS2-R300	3110.25

Side-Entry Strainer - BSCCQ

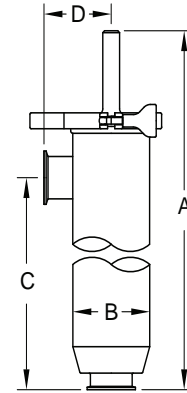


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Features:

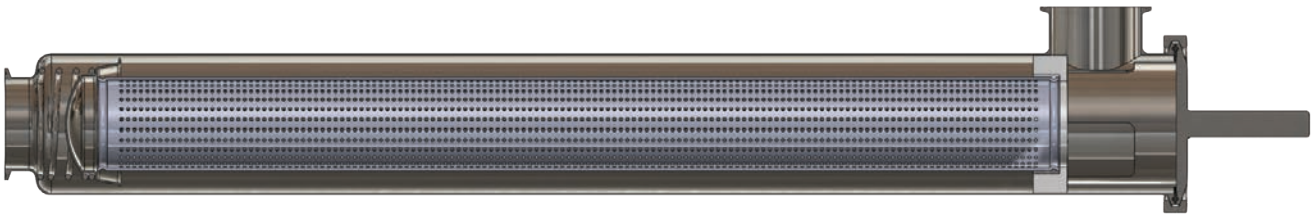
- side entry units ship standard with the following: spring, end cap with handle, distributor cap, clamp gasket, ¼" perforated back-up tube, body and squeeze clamp
- serviceable without removing from the line
- must be a vertically mounted to be 3A compliant
- bevel seat, I-line and weld ends available, call Dixon™ for information
- ½" perforated back-up tube available, must specify when ordering (not 3A certified)

Size	Dimensions				316L Stainless Steel Part #	Price/E
	A	B	C	D		
1½"	41.90"	4.00"	35.00"	3.50"	BSCCQ3-R150	\$3302.05
2"	41.90"	4.00"	35.00"	3.50"	BSCCQ3-R200	3302.05
3"	41.90"	4.50"	35.00"	3.75"	BSCCQ3-R300	4066.65

NEWSide-Outlet Reverse Strainer - *BSCCQ***Features:**

- ships standard with: spring, end cap with handle, distributor cap, clamp gasket, ¼" perforated back-up tube, body and squeeze clamp
- ½" perforated back-up tube available (not 3A certified)
- bevel seat, I-line and weld ends available, call Dixon™ for information
- can be serviced in-line

Size	Dimensions				316L Stainless Steel Part #	Price/E
	A	B	C	D		
1½"	41.90"	4.00"	35.00"	3.50"	<i>BSCCQ4-R150</i>	\$4693.80
2"	41.90"	4.00"	35.00"	3.50"	<i>BSCCQ4-R200</i>	4693.80
3"	41.90"	4.50"	35.00"	3.75"	<i>BSCCQ4-R300</i>	5991.45

N

Strainers

Filters

Features:

- filter medium are special order and minimum quantities apply, not included with base unit
- filters require retaining ring

Size	Micron Rating	Description	Short Part Number	Price/E	Long/Side Entry Part Number	Price/E
1" - 2"	38	nonwoven rayon (glued seam)	BF30A-100-200	POR	---	---
2½" - 3"	38	nonwoven rayon (glued seam)	BF30A-250-300	POR	---	---
1" - 2"	513	woven knapped cotton flannel	BF30B-100-200	POR	---	---
2½" - 3"	513	woven knapped cotton flannel	BF30B-250-300	POR	---	---
1" - 2"	300	cheese cloth, single thickness cotton	BF30C-100-200	POR	---	---
2½" - 3"	300	cheese cloth, single thickness cotton	BF30C-250-300	POR	---	---
1" - 2"	765	nylon, 26/29 mesh, rectangular opening, (.025 x .030)	BF30D-100-200	POR	---	---
2½" - 3"	765	nylon, 26/29 mesh, rectangular opening, (.025 x .030)	BF30D-250-300	POR	---	---
1" - 2"	40-42	nonwoven rayon	BF30E-100-200	POR	BF302E-100-200	POR
2½" - 3"	40-42	nonwoven rayon	BF30E-250-300	POR	BF302E-250-300	POR
1" - 2"	40	nonwoven rayon	BF30F-100-200	POR	---	---
1" - 2"	420	woven nylon, 40 mesh	BF30G-100-200	POR	---	---
2½" - 3"	420	woven nylon, 40 mesh	BF30G-250-300	POR	BF302G-250-300	POR

316 Stainless Wire Cloth Mesh Over Screens

Features:

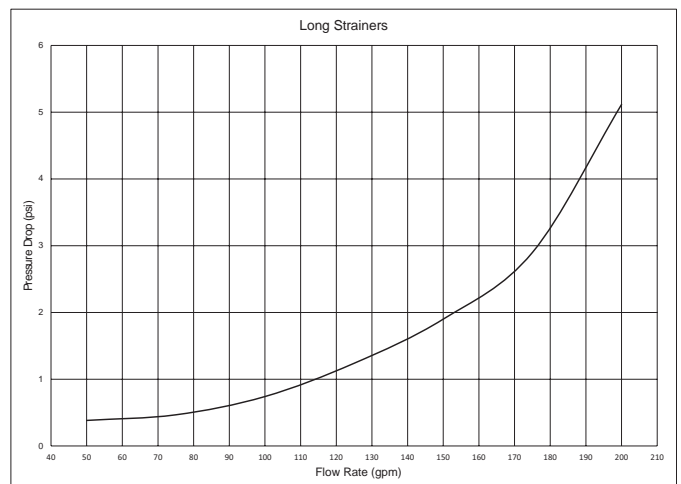
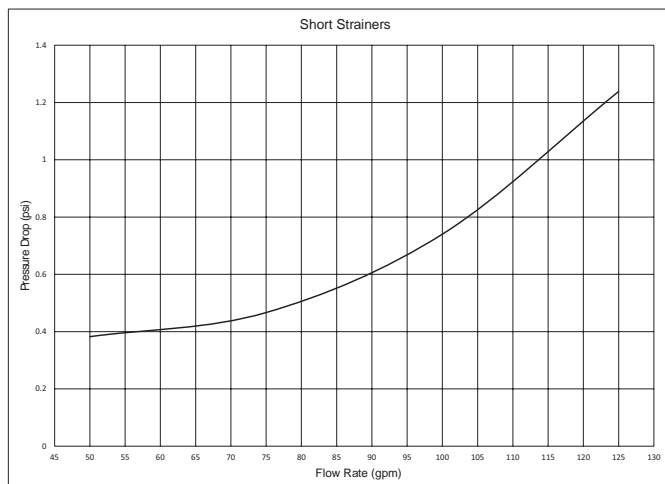
- not all sizes are stocked, additional sizes are available (5 piece minimum), call Dixon™
- not 3A compatible, not included with base unit

Size	Micron Rating	Square Mesh	Space Between Wires	Percent of Open Area	Short Part Number	Price/E	Long/Side Entry Part Number	Price/E
1" - 2"	864	20	0.034"	46.2	BS20-100-200	POR	BS202-100-200	POR
2½" - 3"	864	20	0.034"	46.2	BS20-250-300	POR	BS202-250-300	POR
1" - 2"	381	40	0.015"	36.0	BS40-100-200	POR	BS402-100-200	POR
2½" - 3"	381	40	0.015"	36.0	BS40-250-300	POR	BS402-250-300	POR
1" - 2"	229	60	0.009"	30.3	BS60-100-200	POR	BS602-100-200	POR
2½" - 3"	229	60	0.009"	30.3	BS60-250-300	POR	BS602-250-300	POR
1" - 2"	178	80	0.007"	31.4	BS80-100-200	POR	BS802-100-200	POR
2½" - 3"	178	80	0.007"	31.4	BS80-250-300	POR	BS802-250-300	POR
1" - 2"	140	100	0.006"	30.3	BS100-100-200	POR	BS1002-100-200	POR
2½" - 3"	140	100	0.006"	30.3	BS100-250-300	POR	BS1002-250-300	POR

Pressure Drop Curves for Filter and Strainer

water at ambient temperature

- maximum flow for short units is 125 GPM
- maximum flow for long units is 175 GPM



Dual Strainers

Application:

- Use when system needs to be cleaned regularly but product flow needs to be maintained. Short, long and side entry dual units are available with manual or actuated valves, contact Dixon™ for information.

Design Using 3-way Ball Valves

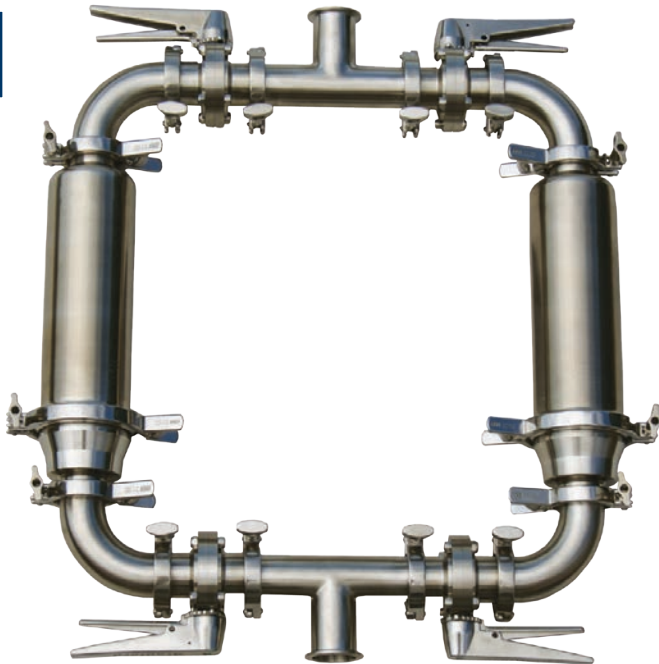


Features:

- fully customizable
- available sizes: 1" - 3"

Components Description	Base Part #	Qty
3-way L port ball valves	BV3SVLF	2
squeeze clamps	13MHMM-Q	4
single pin clamps, sizes 1" to 3"	13MHMM	4
clamp 90° elbow	B2CMP-R	4
clamp gaskets (various materials available)	40MP	8

Design Using Butterfly Valves



Features:

- fully customizable
- available sizes: 1" - 3"

Components Description	Base Part #	Qty
butterfly valve, various handles, actuation and seat materials	B5101	2
clamp tee	B7MP	4
clamp 90° elbow	B2CMP	4
squeeze clamps	13MHMM-Q	4
single pin clamps	13MHMM	8
clamp gaskets (various materials available)	40MP	12

N

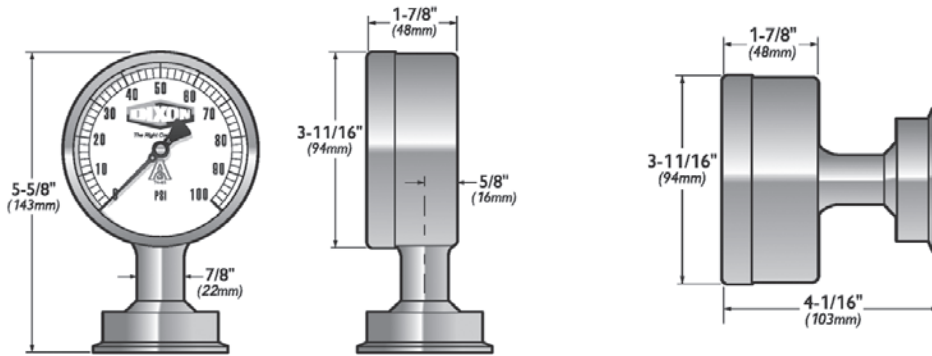
Sanitary Pressure Gauges

Features:

- accuracy: $\pm 1.5\%$ of full scale
- over range capacity: 30%
- wetted surfaces: 316L stainless steel
- surface finishes (wetted parts): R_a max = 25 microinches
- case material: 304 stainless steel
- dial size: $3\frac{1}{2}$ "
- lens material: polycarbonate
- temperature range: 0°F (-18°C) to 250°F (121°C)
- standard fill: food grade glycerin
- rezero feature: standard on pointer
- shipping weight: approximately 3 lbs. (1.3 kg)



3S-B-2U-GFBTSS

 $3\frac{1}{2}$ " Gauge - (90 mm)

Dial Size	Clamp Size	Pressure Range (PSI)	Mount	Part #	Price/E
$3\frac{1}{2}$ "	$1\frac{1}{2}$ "	0-30	bottom	3S-B-15U-GFBTSS	\$1022.25
$3\frac{1}{2}$ "	$1\frac{1}{2}$ "	0-60	bottom	3S-C-15U-GFBTSS	1022.25
$3\frac{1}{2}$ "	$1\frac{1}{2}$ "	0-100	bottom	3S-D-15U-GFBTSS	1022.25
$3\frac{1}{2}$ "	$1\frac{1}{2}$ "	0-160	bottom	3S-E-15U-GFBTSS	1022.25
$3\frac{1}{2}$ "	$1\frac{1}{2}$ "	0-200	bottom	3S-F-15U-GFBTSS	1022.25
$3\frac{1}{2}$ "	$1\frac{1}{2}$ "	0-300	bottom	3S-G-15U-GFBTSS	1022.25
$3\frac{1}{2}$ "	$1\frac{1}{2}$ "	0-30	back	3S-B-15U-GFBKSS	1022.25
$3\frac{1}{2}$ "	$1\frac{1}{2}$ "	0-60	back	3S-C-15U-GFBKSS	1022.25
$3\frac{1}{2}$ "	$1\frac{1}{2}$ "	0-100	back	3S-D-15U-GFBKSS	1022.25
$3\frac{1}{2}$ "	$1\frac{1}{2}$ "	0-160	back	3S-E-15U-GFBKSS	1022.25
$3\frac{1}{2}$ "	$1\frac{1}{2}$ "	0-200	back	3S-F-15U-GFBKSS	1022.25
$3\frac{1}{2}$ "	$1\frac{1}{2}$ "	0-300	back	3S-G-15U-GFBKSS	1022.25
$3\frac{1}{2}$ "	2"	0-30	bottom	3S-B-2U-GFBTSS	1022.25
$3\frac{1}{2}$ "	2"	0-60	bottom	3S-C-2U-GFBTSS	1022.25
$3\frac{1}{2}$ "	2"	0-100	bottom	3S-D-2U-GFBTSS	1022.25
$3\frac{1}{2}$ "	2"	0-160	bottom	3S-E-2U-GFBTSS	1022.25
$3\frac{1}{2}$ "	2"	0-200	bottom	3S-F-2U-GFBTSS	1022.25
$3\frac{1}{2}$ "	2"	0-300	bottom	3S-G-2U-GFBTSS	1022.25
$3\frac{1}{2}$ "	2"	0-30	back	3S-B-2U-GFBKSS	1022.25
$3\frac{1}{2}$ "	2"	0-60	back	3S-C-2U-GFBKSS	1022.25
$3\frac{1}{2}$ "	2"	0-100	back	3S-D-2U-GFBKSS	1022.25
$3\frac{1}{2}$ "	2"	0-160	back	3S-E-2U-GFBKSS	1022.25
$3\frac{1}{2}$ "	2"	0-200	back	3S-F-2U-GFBKSS	1022.25
$3\frac{1}{2}$ "	2"	0-300	back	3S-G-2U-GFBKSS	1022.25

Swivels

Product Specifications

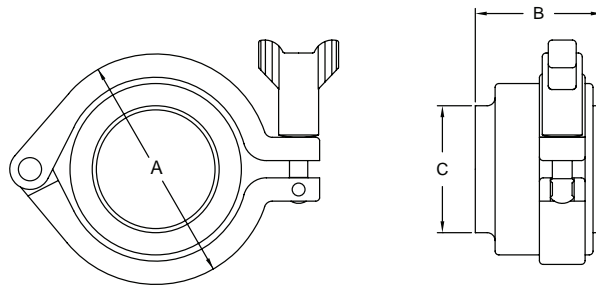
Features:

- available in clamp and weld configurations
- elastomers: silicone and PTFE
- optional elastomers available
- size range: 1" - 4" tube OD
- materials: 316L stainless steel
- finish: sanitary finish ID and OD



Size	PSI at 70°F	PSI at 250°F
1"	500	300
1½"	500	300
2"	450	250
2½"	400	200
3"	350	175
4"	300	150

Straight Swivel - SJSS



straight clamp - style 20

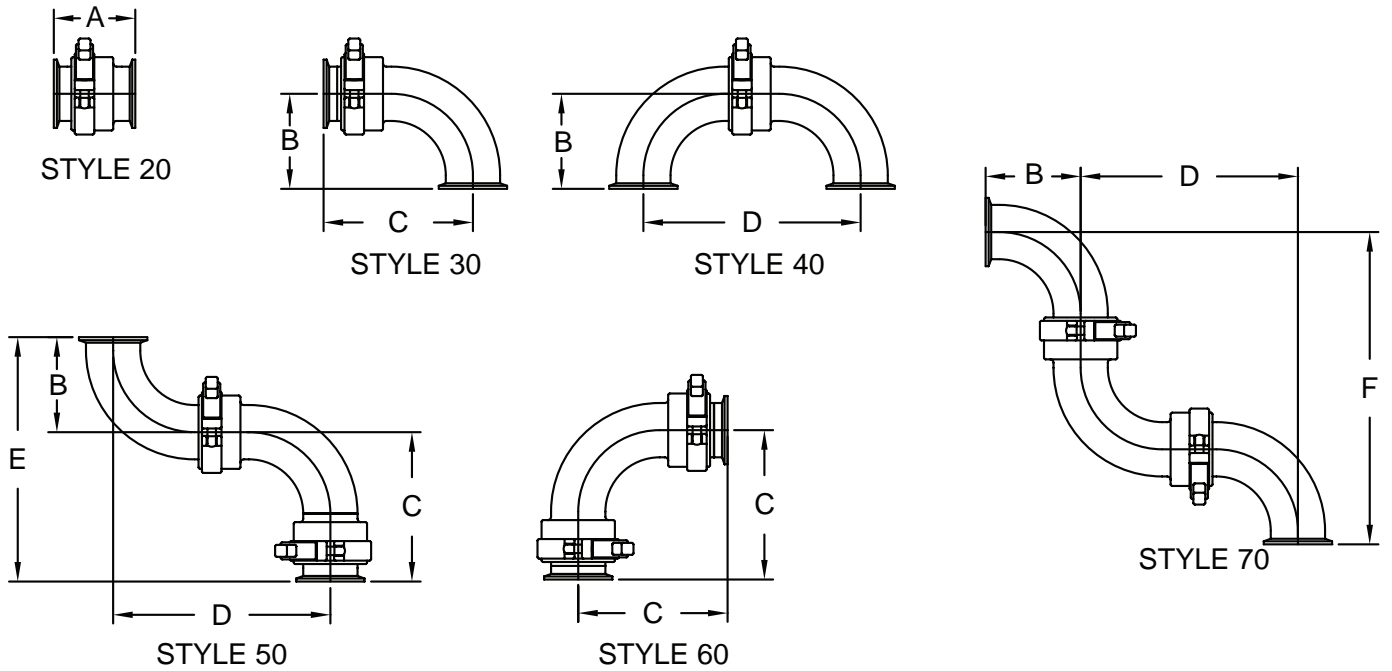
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Size	Dimensions			316L Stainless Steel Part #	Price/E
	A	B	C		
1"	2.56"	3.00"	1.00"	SJSS100CC-20	POR
1½"	2.56"	3.00"	1.50"	SJSS150CC-20	POR
2"	3.09"	3.00"	2.00"	SJSS200CC-20	POR
2½"	3.44"	3.00"	2.50"	SJSS250CC-20	POR
3"	3.94"	3.00"	3.00"	SJSS300CC-20	POR
4"	5.08"	4.19"	4.00"	SJSS400CC-20	POR

straight weld connection - style 20

Size	Dimensions			316L Stainless Steel Part #	Price/E
	A	B	C		
1"	2.56"	2.00"	1.00"	SJSS100BB-20	POR
1½"	2.56"	2.00"	1.50"	SJSS150BB-20	POR
2"	3.09"	2.00"	2.00"	SJSS200BB-20	POR
2½"	3.44"	2.00"	2.50"	SJSS250BB-20	POR
3"	3.94"	2.00"	3.00"	SJSS300BB-20	POR
4"	5.08"	2.94"	4.00"	SJSS400BB-20	POR

Straight Swivels - SJSS Configurations



clamp joint dimensions

Part Number	Size	Dimensions					
		A	B	C	D	E	F
<i>SJSS100CC-*</i>	1"	3.00"	2.00"	4.00"	5.00"	6.00"	7.00"
<i>SJSS150CC-*</i>	1½"	3.00"	2.75"	4.75"	6.50"	7.50"	9.25"
<i>SJSS200CC-*</i>	2"	3.00"	3.50"	5.50"	8.00"	9.00"	11.50"
<i>SJSS250CC-*</i>	2½"	3.00"	4.25"	6.25"	9.50"	10.50"	13.75"
<i>SJSS300CC-*</i>	3"	3.00"	5.00"	7.00"	11.00"	12.00"	16.00"
<i>SJSS400CC-*</i>	4"	5.19"	6.63"	9.63"	14.94"	15.94"	21.56"

- contact Dixon™ for pricing

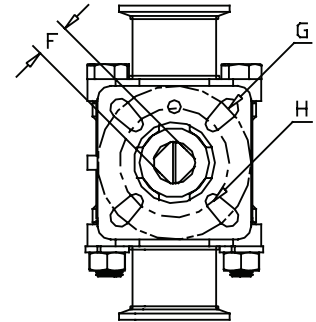
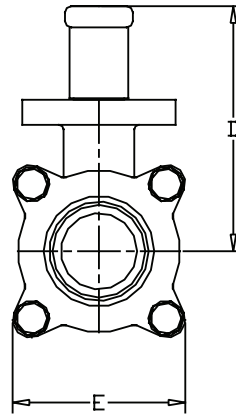
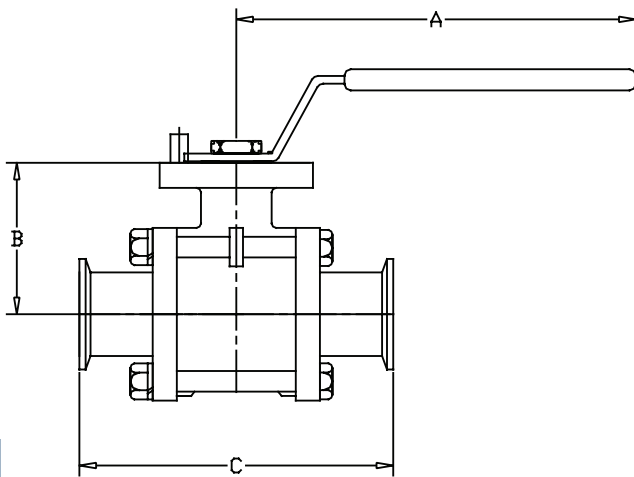
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2-Way 3 Piece Encapsulated Ball Valves



Features:

- ½" - 2" rated at **1,000 PSI WOG**; 2½" - 4" rated at 800 PSI WOG
- balanced encapsulated construction minimizes cold flow
- live-loaded stem packing
- precision stainless steel balls reduce torque and friction losses while extending seat life
- lockable handle can prevent accidental actuation
- standard internal entry blow out proof stem design
- full port design matches ball and seat ports to tube ID for lower pressure drop and less turbulent flow
- compact design for areas with tight space restrictions
- fully encapsulated construction produces bubble tight seal
- integral ISO 5211 mounting pad
- ID polish: Ra 32 minimum
- virgin PTFE seats
- for valve seat options, call Dixon™
- identification tagging available
- repair kits available

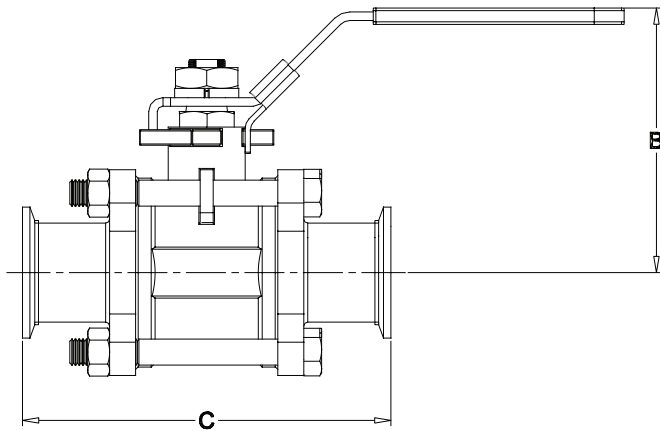
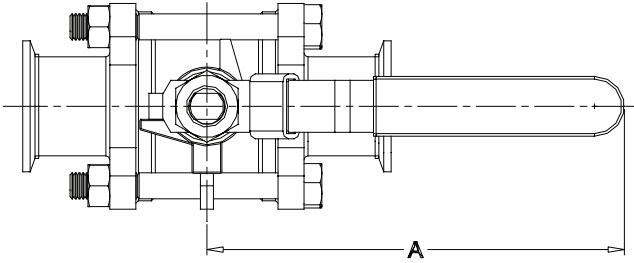


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Size	Dimensions								316 Stainless Steel	
	A	B	C	D	E	F (mm)	G	H	Part #	Price/E
½"	4.9"	1.5"	4.3"	3.0"	1.9"	9.0	F04	F03	BV2CV-050CC-A	\$155.20
¾"	4.9"	1.8"	4.7"	3.3"	2.2"	9.0	F04	F03	BV2CV-075CC-A	187.40
1"	5.6"	2.1"	4.9"	3.6"	2.4"	11.0	F05	F04	BV2CV-100CC-A	245.70
1½"	9.5"	2.7"	5.6"	4.4"	3.1"	14.0	F07	F05	BV2CV-150CC-A	414.40
2"	9.5"	3.1"	6.4"	4.8"	3.7"	14.0	F07	F05	BV2CV-200CC-A	599.45
2½"	18.0"	3.8"	7.8"	5.2"	4.8"	17.0	F10	F07	BV2CV-250CC-A	1285.20
3"	18.0"	4.2"	9.0"	5.7"	5.4"	17.0	F10	F07	BV2CV-300CC-A	1696.50
4"	18.0"	5.3"	9.5"	6.8"	8.8"	22.0	F12	F10	BV2CV-400CC-A	2914.80

Dixon™'s commitment to excellence and continuous research and development for improving product quality may warrant periodic changes in design and specification. We reserve the right to modify product design without prior notification and without incurring any liability to provide these modifications to products previously purchased.

Non-Encapsulated 2-way 3 Piece Stainless Steel Ball Valves



Features:

- blow-out proof stem
- live-loaded stem packing
- lockable handle
- 15% glass reinforced PTFE seats
- ID polish is R_a 32
- CF8M stainless body, ends and ball
- pressure ratings: ½" - 2" **1,000 PSI WOG**
2½" - 4" **800 PSI WOG**
- repair kits available
- for valve seat options, call Dixon™



Size	Dimensions			Break Torque (in-lbs.)	Weight (lbs.)	316 Stainless Steel	
	A	B	C			Part #	Price/E
½"	4.1"	2.3"	4.6"	55	1.4	BV2GG-050CC-A	\$121.20
¾"	4.1"	2.5"	4.7"	71	1.8	BV2GG-075CC-A	132.25
1"	5.0"	2.8"	4.9"	101	2.6	BV2GG-100CC-A	195.05
1½"	6.1"	3.5"	5.6"	221	4.6	BV2GG-150CC-A	330.50
2"	7.6"	3.9"	6.4"	345	8.5	BV2GG-200CC-A	498.05
2½"	7.6"	4.4"	7.8"	883	17.8	BV2GG-250CC-A	877.95
3"	10.9"	4.9"	9.0"	830	28.2	BV2GG-300CC-A	1337.35
4"	13.2"	6.6"	9.6"	1323	41.4	BV2GG-400CC-A	2430.05

Dimensions are approximate. Engineering dimensions are available upon request. Specifications are subject to change without notice.

Butterfly Valves

Features:

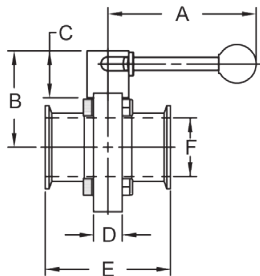
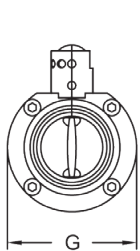
- available with three handle options:
 - The *pull style handle* allows you to set the valve in four different positions simply by pulling and turning.
 - The *infinite handle* has incremental marks on the top which can be used when needing a throttling valve.
 - The *trigger handle* offers twelve positions which make it easy to understand how to actuate the valve.
- Handle is not assembled when shipped. To order with handle assembled on the valve please request assembly in the special instructions of your order.
- 100% hydraulic tested / 100% inspected
- all wetted surfaces are sanitary finished to < 32R_a
- field serviceable (no special tools required)
- various end configurations available: weld, I-line, Q-line, bevel seat and John Perry
- actuation available: double-acting, air-to-spring, electric, call Dixon™ for details
- vacuum rating: 0.4 inches Hg at 68°F
- temperature range: **15°F to 200°F**
- clamp style is standard

Clamp End Butterfly Valve with Pull Handle - [A]



Size	316L Stainless Steel with Silicone Seats		316L Stainless Steel with FKM Seats		316L Stainless Steel with EPDM Seats	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
½"	B5101S050CC-A	\$332.55	B5101V050CC-A	\$359.70	B5101E050CC-A	\$326.45
¾"	B5101S075CC-A	332.55	B5101V075CC-A	359.70	B5101E075CC-A	326.45
1"	B5101S100CC-A	320.40	B5101V100CC-A	340.90	B5101E100CC-A	306.80
1½"	B5101S150CC-A	304.35	B5101V150CC-A	347.95	B5101E150CC-A	296.65
2"	B5101S200CC-A	368.60	B5101V200CC-A	430.85	B5101E200CC-A	358.00
2½"	B5101S250CC-A	460.60	B5101V250CC-A	589.75	B5101E250CC-A	437.10
3"	B5101S300CC-A	615.30	B5101V300CC-A	817.85	B5101E300CC-A	596.90
4" ¹	B5101S400CC-A	948.00	B5101V400CC-A	1408.75	B5101E400CC-A	918.30
6"	B5101S600CC-A	2143.95	---	---	B5101E600CC-A	2121.15
8"	---	---	---	---	B5101E800CC-A	6146.35

¹ 4" high pressure butterfly valve is available, call Dixon™ for more information

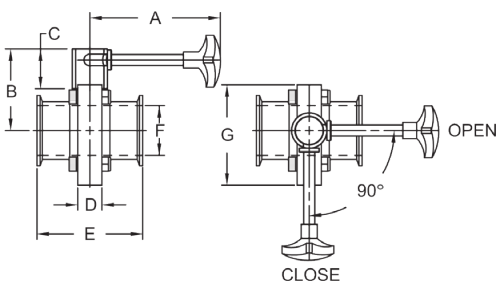


Size	Dimensions							Break Torque (in. lbs.) Silicone	Break Torque (in. lbs.) FKM	Break Torque (in. lbs.) EPDM	PSI @ 68°F
	A	B	C	D	E	F	G				
½"	4.4"	2.8"	1.4"	0.9"	3.5"	.37"	3.1"	20	70	75	140
¾"	4.4"	2.8"	1.4"	0.9"	3.5"	.62"	3.1"	20	70	75	140
1"	4.4"	2.8"	1.4"	0.9"	3.5"	0.9"	3.1"	20	70	75	140
1½"	4.4"	2.8"	1.4"	0.9"	3.5"	1.4"	3.1"	40	125	130	140
2"	4.4"	3.1"	1.4"	0.9"	3.8"	1.9"	3.9"	55	175	165	140
2½"	4.4"	3.5"	1.4"	0.9"	3.8"	2.4"	4.6"	70	220	210	110
3"	6.2"	3.8"	1.3"	1.2"	4.1"	2.9"	5.2"	165	310	350	110
4"	6.2"	4.5"	1.3"	1.2"	4.8"	3.8"	6.7"	350	450	540	85
6"	11.5"	5.5"	1.3"	1.2"	5.5"	5.8"	8.5"	700	n/a	1550	60
8"	18.0"	6.9"	1.6"	1.2"	4.9"	7.8"	11.2"	n/a	n/a	1650	60

Clamp End Butterfly Valves with Infinite Position Handle - [B]



Size	316L Stainless Steel with Silicone Seats		316L Stainless Steel with FKM Seats		316L Stainless Steel with EPDM Seats	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
½"	B5101S050CC-B	\$332.55	B5101V050CC-B	\$359.70	B5101E050CC-B	\$326.45
¾"	B5101S075CC-B	332.55	B5101V075CC-B	359.70	B5101E075CC-B	326.45
1"	B5101S100CC-B	312.90	B5101V100CC-B	340.90	B5101E100CC-B	306.80
1½"	B5101S150CC-B	304.35	B5101V150CC-B	347.95	B5101E150CC-B	296.65
2"	B5101S200CC-B	368.60	B5101V200CC-B	430.85	B5101E200CC-B	358.00
2½"	B5101S250CC-B	460.60	B5101V250CC-B	589.75	B5101E250CC-B	437.10
3"	B5101S300CC-B	615.30	B5101V300CC-B	817.85	B5101E300CC-B	596.90
4"	B5101S400CC-B	948.00	B5101V400CC-B	1408.75	B5101E400CC-B	918.30



Size	Dimensions							Break Torque (in. lbs.) Silicone	Break Torque (in. lbs.) FKM	Break Torque (in. lbs.) EPDM	PSI @ 68°F
	A	B	C	D	E	F	G				
½"	4.3"	2.6"	1.3"	0.9"	3.5"	.37"	3.1"	20	70	75	140
¾"	4.3"	2.6"	1.3"	0.9"	3.5"	.62"	3.1"	20	70	75	140
1"	4.3"	2.6"	1.3"	0.9"	3.5"	0.9"	3.1"	20	70	75	140
1½"	4.3"	2.6"	1.3"	0.9"	3.5"	1.4"	3.1"	40	125	130	140
2"	4.3"	2.9"	1.3"	0.9"	3.8"	1.9"	3.9"	55	175	165	140
2½"	4.3"	3.3"	1.3"	0.9"	3.8"	2.4"	4.6"	70	220	210	110
3"	6.4"	3.6"	1.3"	1.2"	4.1"	2.9"	5.2"	165	310	350	110
4"	6.4"	4.4"	1.3"	1.2"	4.8"	3.8"	6.7"	350	450	540	85

Butterfly Valves

Clamp End **Butterfly Valve with Trigger Handle - [C]**

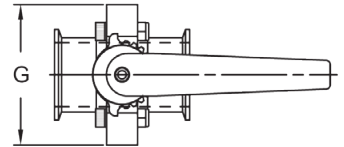
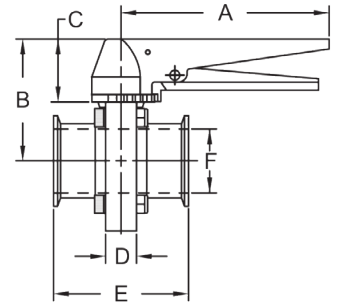
Features:

- lockout / tagout handle
- Handle is not assembled when shipped. To order with handle assembled on the valve please request assembly in the special instructions of your order.

Size	316L Stainless Steel with Silicone seats		316L Stainless Steel with FKM seats		316L Stainless Steel with EPDM seats	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
½"	B5101S050CC-C	\$332.55	B5101V050CC-C	\$359.70	B5101E050CC-C	\$326.45
¾"	B5101S075CC-C	332.55	B5101V075CC-C	359.70	B5101E075CC-C	326.45
1"	B5101S100CC-C	312.90	B5101V100CC-C	340.90	B5101E100CC-C	306.80
1½"	B5101S150CC-C	304.35	B5101V150CC-C	347.95	B5101E150CC-C	337.20
2"	B5101S200CC-C	368.60	B5101V200CC-C	430.85	B5101E200CC-C	358.00
2½"	B5101S250CC-C	460.60	B5101V250CC-C	589.75	B5101E250CC-C	437.10
3"	B5101S300CC-C	615.30	B5101V300CC-C	817.85	B5101E300CC-C	596.90
4"	B5101S400CC-C	948.00	B5101V400CC-C	1408.75	B5101E400CC-C	918.30



Size	Dimensions							Break Torque (in. lbs.) silicone	Break Torque (in. lbs.) FKM	Break Torque (in. lbs.) EPDM	PSI @ 68°F
	A	B	C	D	E	F	G				
½"	6.6"	3.0"	1.7"	0.9"	3.5"	.37"	3.1"	20	70	75	140
¾"	6.6"	3.0"	1.7"	0.9"	3.5"	.62"	3.1"	20	70	75	140
1"	6.6"	3.0"	1.7"	0.9"	3.5"	0.9"	3.1"	20	70	75	140
1½"	6.6"	3.0"	1.7"	0.9"	3.5"	1.4"	3.1"	40	125	130	140
2"	6.6"	3.5"	1.7"	0.9"	3.8"	1.9"	3.9"	55	175	165	140
2½"	6.6"	3.7"	1.7"	0.9"	3.8"	2.4"	4.6"	70	220	210	110
3"	6.6"	3.9"	1.7"	1.2"	4.1"	2.9"	5.2"	165	310	350	110
4"	6.6"	4.8"	1.7"	1.2"	4.8"	3.8"	6.7"	350	450	540	85



Repair Kit for **Butterfly Valves**

Features:

Repair kit contains:

- (1) seat
- (2) bushings

for valves located on pages 524-525

Valve Size	Black EPDM		Red Silicone		Brown FKM	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
½" - 1"	B5101-RKE100	\$27.15	B5101-RKS100	\$34.75	B5101-RKV100	\$74.95
1½"	B5101-RKE150	29.35	B5101-RKS150	40.30	B5101-RKV150	103.75
2"	B5101-RKE200	35.50	B5101-RKS200	44.20	B5101-RKV200	136.05
2½"	B5101-RKE250	39.85	B5101-RKS250	49.40	B5101-RKV250	254.75
3"	B5101-RKE300	64.05	B5101-RKS300	78.10	B5101-RKV300	448.25
4"	B5101-RKE400	97.45	B5101-RKS400	120.55	B5101-RKV400	823.45
6"	B5101-RKE600	154.80	B5101-RKS600	296.95	---	---
8"	B5101-RKE800	316.80	---	---	---	---

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Butterfly Valves

Clamp **Butterfly Valves**

Features:

- minimal line pressure: 0.4 inches Hg vacuum @ 68°F
- temperature range: **15°F - 200°F**
- PTFE valve disc bushings decrease friction and increase cycle life
- valve is only 1-3/8" wide on all sizes and uses only 3/4" of the space
- 3 position reversible handle
- the grooved clamp housing connects directly to the corresponding sanitary clamp size
- easy assembly requires a hex key for the handle and wing nuts to secure and seal the housing onto lines
- can be modified for lockout/tagout
- actuation available: double acting, spring return and electric, call Dixon™ for details

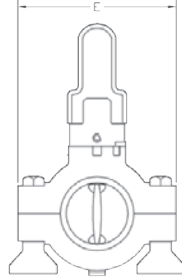
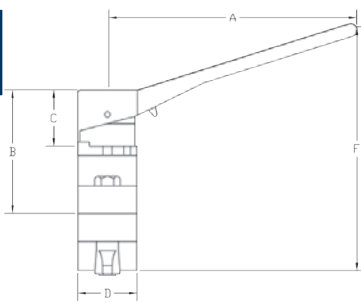
Information supplied based on water media @ 68°F

Size	Break Torque (in-lbs.)	Assembly Torque (in-lbs.)	Pressure Rating (PSI)	Flow Coefficient (C _v)	Weight w/standard handle (lbs.)
1"	125	36	140	23	1.5
1½"	185	36	140	80	2
2"	200	21.6	120	230	2.5
2½"	260	21.6	120	264	3
3"	350	28.8	100	372	4
4"	495	43.2	70	800	6



Size	316L Stainless Steel with Silicone Seats		316L Stainless Steel with FKM Seats		316L Stainless Steel with EPDM Seats	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
1"	B5102S100-A	\$202.50	B5102V100-A	\$250.20	B5102E100-A	\$202.50
1½"	B5102S150-A	202.50	B5102V150-A	247.90	B5102E150-A	202.50
2"	B5102S200-A	246.35	B5102V200-A	302.75	B5102E200-A	246.35
2½"	B5102S250-A	318.10	B5102V250-A	388.25	B5102E250-A	318.10
3"	B5102S300-A	376.30	B5102V300-A	454.55	B5102E300-A	376.30
4"	B5102S400-A	550.00	B5102V400-A	659.80	B5102E400-A	550.00

N



Size	Dimensions						Break Torque (inch lbs.)	PSI @ 68°F
	A	B	C	D	E	F		
1"	5.6"	2.8"	1.3"	1.3"	3.6"	5.6"	125	140
1½"	5.6"	2.8"	1.3"	1.3"	3.6"	5.6"	185	140
2"	5.6"	3.0"	1.3"	1.3"	4.1"	6.1"	200	120
2½"	5.6"	3.3"	1.3"	1.3"	4.6"	6.6"	260	120
3"	5.6"	3.6"	1.3"	1.3"	5.3"	7.1"	350	100
4"	5.6"	4.1"	1.3"	1.3"	6.4"	8.2"	495	70

Repair Kit for Clamp **Butterfly Valves**

Repair kit contains:

- (1) seat
- (2) bushings

Valve Size	Black EPDM		Red Silicone		Black FKM	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
1"	B5102-RKE100	\$22.95	B5102-RKS100	\$29.15	B5102-RKV100	\$98.05
1½"	B5102-RKE150	16.65	B5102-RKS150	22.65	B5102-RKV150	88.00
2"	B5102-RKE200	24.60	B5102-RKS200	31.05	B5102-RKV200	111.75
2½"	B5102-RKE250	31.50	B5102-RKS250	37.00	B5102-RKV250	135.50
3"	B5102-RKE300	71.85	B5102-RKS300	83.00	B5102-RKV300	200.35
4"	B5102-RKE400	96.10	B5102-RKS400	104.00	B5102-RKV400	263.75

Butterfly Valve Automation

Butterfly Valve with Stainless Steel Vertical Spring Return Actuation

Features:

- silicone and FKM elastomers also available
- other end configurations are available
- contact Dixon™ for more information

Butterfly Valve with EPDM seats and a vertical spring return normally closed pneumatic canister style actuator

Valve Size	Style B5101 Part #	Price/E	Style B5102 Part #	Price/E
½"	B5101E050CC-G	\$949.65	---	---
¾"	B5101E075CC-G	949.65	---	---
1"	B5101E100CC-G	831.25	B5102E100-G	\$656.80
1½"	B5101E150CC-G	824.70	B5102E150-G	659.05
2"	B5101E200CC-G	976.15	B5102E200-G	685.35
2½"	B5101E250CC-G	930.95	B5102E250-G	726.00
3"	B5101E300CC-G	1088.50	B5102E300-G	771.35
4"	B5101E400CC-G	1377.75	B5102E400-G	885.15

Butterfly Valve with EPDM seats and a vertical spring return normally open pneumatic canister style actuator

Valve Size	Style B5101 Part #	Price/E	Style B5102 Part #	Price/E
½"	B5101E050CC-F	\$949.65	---	---
¾"	B5101E075CC-F	949.65	---	---
1"	B5101E100CC-F	812.50	B5102E100-F	\$671.90
1½"	B5101E150CC-F	806.15	B5102E150-F	659.05
2"	B5101E200CC-F	862.30	B5102E200-F	701.15
2½"	B5101E250CC-F	930.95	B5102E250-F	726.00
3"	B5101E300CC-F	1064.00	B5102E300-F	789.15
4"	B5101E400CC-F	1346.75	B5102E400-F	905.55

Butterfly Valve with EPDM seats and a vertical double acting pneumatic canister style actuator

Valve Size	Style B5101 Part #	Price/E	Style B5102 Part #	Price/E
½"	B5101E050CC-H	\$949.65	---	---
¾"	B5101E075CC-H	949.65	---	---
1"	B5101E100CC-H	831.25	B5102E100-H	\$671.90
1½"	B5101E150CC-H	806.15	B5102E150-H	659.05
2"	B5101E200CC-H	862.30	B5102E200-H	701.15
2½"	B5101E250CC-H	930.95	B5102E250-H	726.00
3"	B5101E300CC-H	1088.50	B5102E300-H	771.35
4"	B5101E400CC-H	1346.75	B5102E400-H	885.15

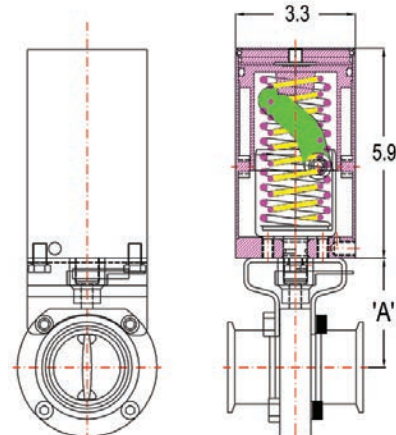


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Dimensions

Dimension 'A'

Valve Size	Valve Style	
	B5101	B5102
½" - 1"	2.7"	2.5"
1½"	2.7"	2.5"
2"	3.1"	2.9"
2½"	3.5"	3.2"
3"	3.7"	3.4"
4"	4.5"	4.0"



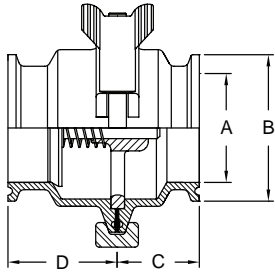
All dimensions are in inches, unless noted. Dimensions are approximate.
Engineering dimensions are available upon request. Specifications are subject to change without notice.



Spring Check Valves

**Features:**

- 3A authorized 58-00
- full size flow plate
- long stem bushing for increased cycle life
- suitable for low and medium viscosity fluids
- field serviceable (no special tools required)
- operating temperature range: **15°F to 200°F**
- maximum operating pressure: **145 PSI**
- various end connections available, contact Dixon™ for information



Size	Dimensions				316L Stainless Steel	
	A	B	C	D	Part #	Price/E
½"	0.37"	0.99"	1.10"	1.60"	B45MP-R50	\$403.25
¾"	0.62"	0.99"	1.10"	1.60"	B45MP-R75	453.00
1"	0.87"	1.99"	1.37"	1.92"	B46MP-R100	440.60
1½"	1.37"	1.99"	1.44"	1.92"	B46MP-R150	439.70
2"	1.87"	2.52"	1.44"	1.92"	B46MP-R200	556.10
2½"	2.37"	3.05"	1.44"	1.92"	B46MP-R250	798.50
3"	2.87"	3.58"	1.44"	1.92"	B46MP-R300	1026.30
4"	3.84"	4.69"	1.88"	2.15"	B46MP-R400	1315.00

Repair Kits for Spring Check Valves

Repair kit for ½" - ¾" contains:

- (1) 316L spring
- (1) FKM stem seat
- (1) Buna body O-ring

Repair kit for 1" - 4" contains:

- (1) 316L spring
- (1) FKM stem seat
- (1) Buna clamp gasket

Size	Part #	Price/E
½"	B45MP-RK050	\$18.80
¾"	B45MP-RK075	18.80
1"	B46MP-RK100	29.75
1½"	B46MP-RK150	31.10
2"	B46MP-RK200	37.40
2½"	B46MP-RK250	38.55
3"	B46MP-RK300	48.55
4"	B46MP-RK400	51.35

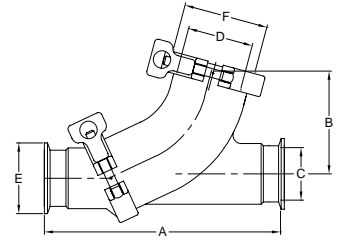
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Y Ball Check Valves

When liquid flows through the valve, the ball is forced into the branch of the valve allowing full fluid flow. When the liquid stops, equalizing the pressure, the ball drops back into the seat, preventing backflow. Should reverse flow occur, the differential pressure will cause the ball to seal firmly against the seat preventing leakage.

Features:

- maximum operating pressure: **150 PSI**
- temperature range: **15° to 200°F**
- two piece construction for easier alignment during installation
- ID and OD polished to 3A standards
- all metal contact surfaces of 316L stainless steel construction
- PTFE ball
- replaceable seat
- field serviceable without special tools
- various end configurations available: clamp, weld, I-line, Q-line, bevel seat and John Perry
- air blow check valve can be added (see air blow for sizing)



Size	Dimensions						316L Stainless Steel	
	A	B	C	D	E	F	Part #	Price/E
1½"	7.50"	3.30"	1.36"	1.87"	1.98"	2.51"	B45BY-R150	\$806.30
2"	8.50"	3.90"	1.86"	2.33"	2.51"	3.04"	B45BY-R200	1006.95
2½"	10.00"	4.50"	2.37"	2.87"	3.04"	3.57"	B45BY-R250	1331.25
3"	11.50"	5.30"	2.87"	3.83"	3.57"	4.68"	B45BY-R300	2176.85

Kits for Ball Check Valves

Repair Kits

repair kit contains:

- (1) PTFE ball
- (1) EPDM/CF8M seat
- (1) EPDM cap gasket

Size	Part #	Price/E
1½"	B45BY-RK150	\$122.50
2"	B45BY-RK200	160.60
2½"	B45BY-RK250	324.40
3"	B45BY-RK300	679.85

Seal Kits

seal kit contains:

- (1) EPDM/CF8M seat
- (1) EPDM cap gasket

Size	Part #	Price/E
1½"	B45BY-SK150	\$47.85
2"	B45BY-SK200	57.05
2½"	B45BY-SK250	76.15
3"	B45BY-SK300	106.40

All FKM Seal Kits

FKM seal kit contains:

- (1) FKM/CF8M seat
- (1) FKM cap gasket

Size	Part #	Price/E
1½"	B45BY-SKV150	\$100.35
2"	B45BY-SKV200	125.00
2½"	B45BY-SKV250	161.75
3"	B45BY-SKV300	234.20

Replacement Balls

(1) PTFE Ball

Size	Part #	Price/E
1½"	B45BY-TB150	\$110.15
2"	B45BY-TB200	164.15
2½"	B45BY-TB250	378.15
3"	B45BY-TB300	813.00



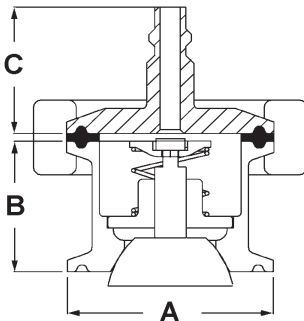
Air Blow Check Valves

Applications:

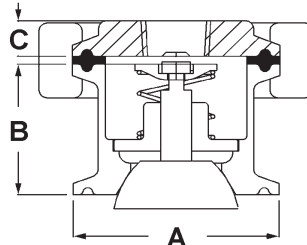
- The air blow check valve is designed to pressurize lines with air to clean out product or cleaning solutions. It is fail-safe because the simple air-to-open, spring-to-close mechanism prevents backflow. Can be used with a check valve.

Features:

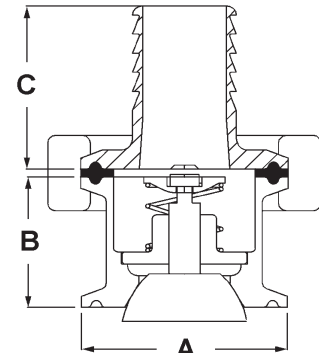
- EPDM seat and gasket
- conforms to 3A practice 604-05 with optional filter disc, sold separately in packs of 50
- maximum temperature: **212°F**
- maximum operating pressure: **145 PSI**



B45AB



B45BC



B45CC

Size	Dimensions		Quick Connect Plug 316L Stainless Steel		Dim. C	Female NPT 316L Stainless Steel		Dim. C	Hose Barb 316L Stainless Steel		Dim. C
	A	B	Part #	Price/E		Part #	Price/E		Part #	Price/E	
1"-1½"	1.984"	1.300"	B45AB-R100150	\$350.20	1.26"	B45BC-R100150	\$372.50	0.60"	B45CC-R100150	\$372.15	1.70"
2"	2.516"	1.300"	B45AB-R200	349.70	1.26"	B45BC-R200	379.20	0.60"	B45CC-R200	379.20	1.70"
2½"	3.047"	1.300"	B45AB-R250	459.20	1.26"	B45BC-R250	488.00	0.60"	B45CC-R250	488.00	1.70"
3"	3.579"	1.300"	B45AB-R300	566.30	1.26"	B45BC-R300	566.30	0.60"	B45CC-R300	566.30	1.70"
4"	4.682"	1.300"	B45AB-R400	643.70	1.26"	B45BC-R400	643.70	0.60"	B45CC-R400	643.70	1.70"

Repair Kit for Air Blow Check Valves

Repair kit contains:

- (1) EPDM / 316L stainless perforated disc
- (1) 304 stainless spring retainer
- (1) 304 stainless spring
- (1) nylon stem guide
- (1) EPDM / 316L stainless steel plug and stem

Part #	Price/E
B45AB-RK	\$110.10

When using air blow check valves with ball check valves, refer to the sizing chart below.

Sizing Chart

Ball Check Valve Size	Air Blow Check Valve Size
1½"	2"
2"	2½"
2½"	3"
3"	4"

Dixon™'s commitment to excellence and continuous research and development for improving product quality may warrant periodic changes in design and specification. We reserve the right to modify product design without prior notification and without incurring any liability to provide these modifications to products previously purchased.

Air & Vacuum Relief Tank Vent Valve

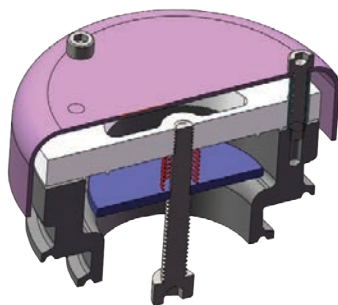
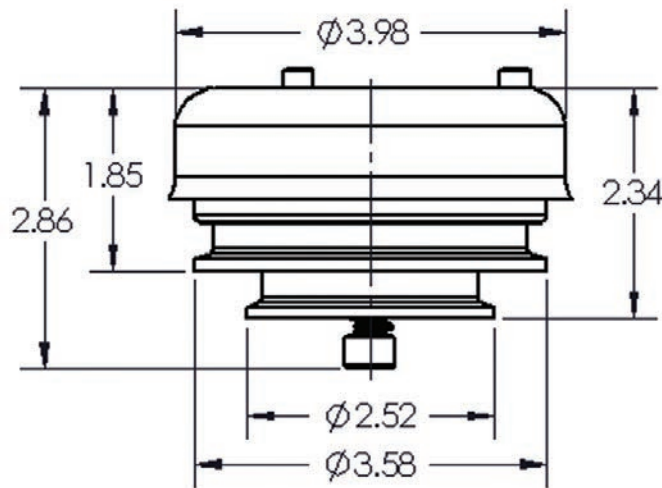
Features:

- valve relieves pressure as the fluid level rises while filling a tank
- valve relieves vacuum as the fluid level drops while emptying a tank
- 2" and 3" clamp connections on the same valve
- dome helps in preventing external contamination
- light weight, robust PVC and 304 stainless steel construction
- can use any clamp gasket
- maximum flow rate: 500 GPM
- vacuum break: .1 PSI
- pressure relief: .1 PSI

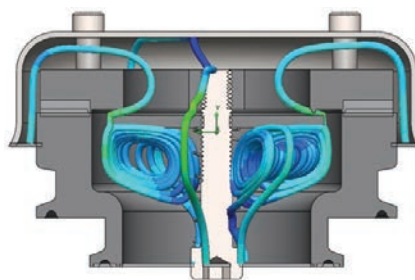


Size	304 Stainless Steel Part #	Price/E
2" - 3"	TVPC200-300	\$98.55

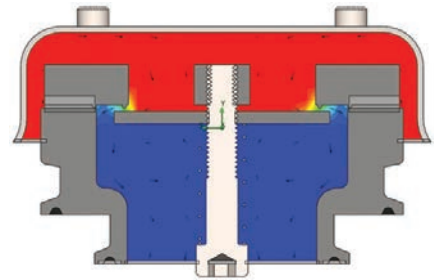
Dimensions



Assembly



Vent Flow Pipes



Pressure Analysis

N

Stainless Steel Air & Vacuum Relief Tank Vent Valve

NEW



Applications:

- used to relieve pressure or vacuum when product filling or evacuation in a tank

Features:

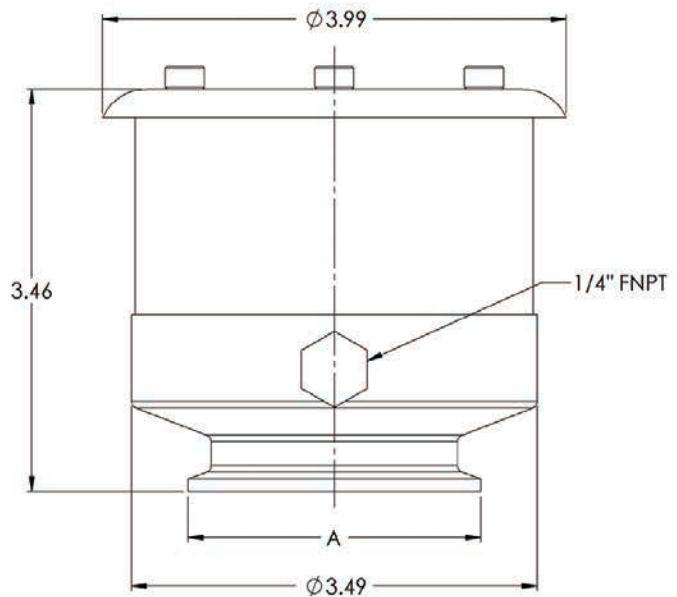
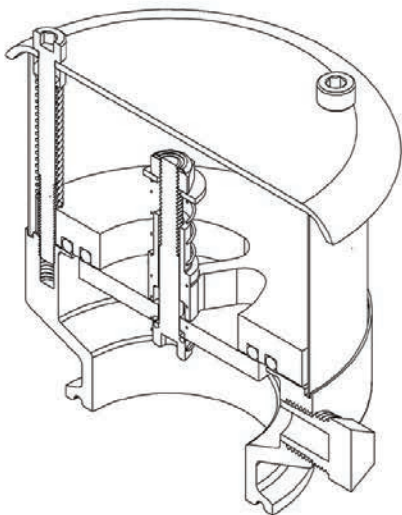
- triple action
 - valve relieves pressure as the fluid level rises while filling a tank
 - valve relieves vacuum as the fluid level drops while emptying a tank
 - seals under equal pressure
- stainless steel screen surrounds the entire vacuum and pressure flow area
- sizes: 2", 3" or 4" – clamp connection standard
- other sanitary connections optional
- ¼" FNPT connection for gas inlet, plug also supplied
- vacuum break: 2" water column, 0.1 PSI
- pressure relief: 22" water column, 0.8 PSI
- maximum temperature and pressure rating: **3 PSI @ 70°F**
- maximum flow rate: 500 GPM

Materials:

- 304 stainless steel, EPDM elastomer

Tube OD	304 Stainless Steel	
	Part Number	Price/E
2"	TVSEC-G200	\$682.45
3"	TVSEC-G300	682.45
4"	TVSEC-G400	770.15

N



Dixon™ Pump Line

Applications:

- used in food processing, beverage, dairy, pharmaceutical and chemical applications
- used in many industrial applications when cleanability is an important factor

Dixon™/JEC Positive Displacement Pumps



RZL-Series of Rotary Lobe Pumps

Features:

- sizes: 1" to 10"
- flow: 1.32 to 290 Gal / per 100 rev
- maximum working pressure: **435 PSI**
- maximum speed: 1,000 RPM
- 316L stainless steel and 25Ra standard
- 100% CIPable
- universal mounting
- rotors: single and bi-wing, bi-lobe, tri-lobe and 5-lobe, single and double heli-lobe, spur gear
- front loading seals: single and double O-ring, triple lip, single and double mechanical, flush
- stainless steel gear box standard
- for all other options – contact Dixon™'s Engineering Department 800.789.1718



RZP-Series of Circumferential Piston Pumps

Features:

- sizes: 1½" to 4"
- flow: 1.38 to 81.10 Gal/100rev
- maximum working pressure: **246 PSI**
- maximum speed: 800 RPM
- 316L stainless steel and 25Ra standard
- 100% CIPable
- universal mounting
- front loading seals: single and double O-ring, triple lip seal, single and double mechanical, flush
- stainless steel gear box standard
- for all other options – contact Dixon™'s Engineering Department 800.789.1718



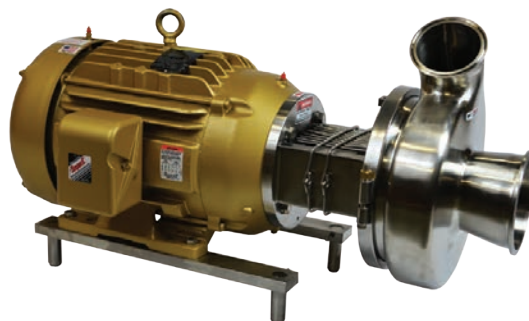
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Dixon™ BC-Series and BP-Series Sanitary Centrifugal Pumps



Features:

- sizes: 1½" to 6" inlet; 1½" to 4" outlet
- flow: up to 1200 GPM
- speed: up to 3500 RPM – 60 Hz
- 316L and 32Ra standard for wetted parts
- seals: D, DG and optional flush
- interchangeable with other C-Series pumps
- BC-Series features impeller retainer
- BP-Series features threaded impeller nut
- complete information is available in Dixon™'s Engineered Products Catalog





High Purity BioPharm Fittings

Specifications

- All fittings are manufactured to meet the latest edition of the ASME BPE International Standard, Bioprocessing Equipment.
- 316L stainless steel material and dimensions meet all orbital welding specifications with controlled sulphur.

Markets

- pharmaceutical
- bioprocessing
- semiconductor
- cosmetics
- food processing
- beverage

Packaging

Product markings per ASME BPE 2012 DT-10.1

- job number
- 316L
- Dixon™ part number
- heat number(s)
- surface finish code
- ASME BPE



Per the specification, the size of the fitting may limit the space available for markings. When this occurs, the markings starting at the bottom of the list are not applied. The Dixon™ part number will describe the part configuration and size.

MTR (material test report) certifications are included inside a resealable bag with each fitting. The MTRs are traceable through the job number found on each fitting. All fittings are capped to prevent damage and contamination. Material test reports are also available from the Dixon™ website dixonvalve.com; just enter the job number located on each fitting.

For easy identification each finish will have a different color cap.

- PL finish - SF1...blue caps
- PM finish - SF4...white caps

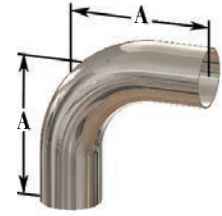
Example MTR

Dixon Sanitary High Purity BioPharm Fittings										
316L (S31603) Stainless Steel Material Test Report										
Job Number		AB242								
Bradford™ Part Number	Description	Size				Surface finish				
T7RWVW-100075PL	Automatic Weld Reducing Tee per Table DT-4.1.2-6	1"x¼"				SF1 (20Ra)				
Chemical analysis (%) per ASME BPE 2012 Table MM-2.1-1 and Section MM-5.1.1										
Item	Heat number	C	Mn	P	S	Si	Cr	Ni	Mo	N
		0.030	2.00	0.045	0.017	1.00	16.00	10.00	3.00	0.11
M	952862	0.018	1.53	0.032	0.012	0.42	16.80	10.10	2.03	0.06
B	H4V0	0.019	1.46	0.035	0.015	0.25	16.70	10.10	2.05	0.05
Mechanical Test Results										
Item	Yield Strength (0.2%), MPa	Tensile Strength, MPa	Elongation, %	Hardness, HRB	Specification					
	170 minimum	485 minimum	35 minimum	90 maximum						
M	330	600	62.0	84	ASTM A270/A270M S2					
B	387	621	50.0	85	ASTM A270/A270M S2					
<i>Product of Thailand</i>										
<p>We certify that the above is a true copy of the test results issued by the material supplier. This MTR conforms to EN10204-3.1. All fittings supplied by Dixon Sanitary conform to the requirements of the European Union Directive 2002/95/EC on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS).</p>										
 James G. LeClair VP / Division Manager										
Dixon Sanitary N25 W23040 Paul Rd. Pewaukee, WI 53072 USA 800-789-1718										
 The Right Connection®										

High Purity BioPharm Fittings

90° Weld Elbows - T2S

Size	Dimension A	PL finish - SF1		PM finish - SF4	
		Part #	Price/E	Part #	Price/E
1/2"	3.00"	T2S-050PL	\$50.30	T2S-050PM	\$80.30
3/4"	3.00"	T2S-075PL	50.30	T2S-075PM	80.30
1"	3.00"	T2S-100PL	46.25	T2S-100PM	73.50
1 1/2"	3.75"	T2S-150PL	46.35	T2S-150PM	82.45
2"	4.75"	T2S-200PL	55.45	T2S-200PM	97.40
2 1/2"	5.50"	T2S-250PL	105.60	T2S-250PM	145.10
3"	6.25"	T2S-300PL	132.15	T2S-300PM	193.15
4"	8.00"	T2S-400PL	253.75	T2S-400PM	319.55



BPE Table DT-4.1.1-1

90° Clamp x Weld Elbows - T2CM

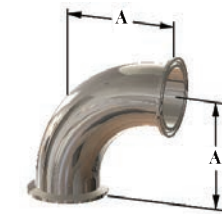
Size	Dimensions		PL finish - SF1		PM finish - SF4	
	A	B	Part #	Price/E	Part #	Price/E
1/2"	3.00"	1.625"	T2CM-050PL	\$91.30	T2CM-050PM	\$108.80
3/4"	3.00"	1.625"	T2CM-075PL	91.30	T2CM-075PM	108.80
1"	3.00"	2.000"	T2CM-100PL	80.75	T2CM-100PM	102.10
1 1/2"	3.75"	2.750"	T2CM-150PL	83.45	T2CM-150PM	103.40
2"	4.75"	3.500"	T2CM-200PL	105.60	T2CM-200PM	130.60
2 1/2"	5.50"	4.250"	T2CM-250PL	162.05	T2CM-250PM	196.80
3"	6.25"	5.000"	T2CM-300PL	211.40	T2CM-300PM	248.25
4"	8.00"	6.625"	T2CM-400PL	329.15	T2CM-400PM	377.60



BPE Table DT-4.1.1-2

90° Clamp x Clamp Elbows - T2CMP

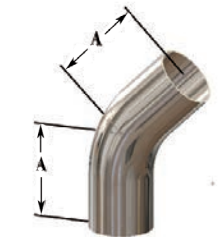
Size	Dimension A	PL finish - SF1		PM finish - SF4	
		Part #	Price/E	Part #	Price/E
1/2"	1.625"	T2CMP-050PL	\$87.35	T2CMP-050PM	\$106.10
3/4"	1.625"	T2CMP-075PL	87.35	T2CMP-075PM	106.10
1"	2.000"	T2CMP-100PL	74.55	T2CMP-100PM	93.95
1 1/2"	2.750"	T2CMP-150PL	77.05	T2CMP-150PM	106.20
2"	3.500"	T2CMP-200PL	103.10	T2CMP-200PM	139.20
2 1/2"	4.250"	T2CMP-250PL	169.65	T2CMP-250PM	200.75
3"	5.000"	T2CMP-300PL	192.40	T2CMP-300PM	228.45
4"	6.625"	T2CMP-400PL	394.95	T2CMP-400PM	493.70



BPE Table DT-4.11.1-3

45° Weld Elbows - T2KS

Size	Dimension A	PL finish - SF1		PM finish - SF4	
		Part #	Price/E	Part #	Price/E
1/2"	2.250"	T2KS-050PL	\$53.40	T2KS-050PM	\$82.95
3/4"	2.250"	T2KS-075PL	53.40	T2KS-075PM	82.95
1"	2.250"	T2KS-100PL	56.55	T2KS-100PM	74.95
1 1/2"	2.500"	T2KS-150PL	58.80	T2KS-150PM	77.55
2"	3.000"	T2KS-200PL	63.05	T2KS-200PM	97.40
2 1/2"	3.375"	T2KS-250PL	79.55	T2KS-250PM	115.25
3"	3.625"	T2KS-300PL	93.95	T2KS-300PM	153.15
4"	4.500"	T2KS-400PL	163.35	T2KS-400PM	237.75



BPE Table DT-4.1.1-4

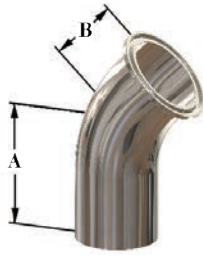
PL Finish – SF1
 OD = 32R_a Mechanically Polished
 ID = 20R_a Mechanically Polished

PM Finish – SF4
 OD = 32R_a Mechanically Polished
 ID = 15R_a Mechanically Polished and Electropolished



High Purity BioPharm Fittings

45° Clamp x Weld Elbows - T2KM



BPE Table DT-4.1.1-5

Size	Dimensions		PL finish - SF1		PM finish - SF4	
	A	B	Part #	Price/E	Part #	Price/E
1/2"	2.250"	1.000"	T2KM-050PL	\$86.15	T2KM-050PM	\$104.80
3/4"	2.250"	1.000"	T2KM-075PL	86.15	T2KM-075PM	104.80
1"	2.250"	1.125"	T2KM-100PL	80.75	T2KM-100PM	102.15
1 1/2"	2.500"	1.438"	T2KM-150PL	83.45	T2KM-150PM	103.40
2"	3.000"	1.750"	T2KM-200PL	95.25	T2KM-200PM	130.25
2 1/2"	3.375"	2.063"	T2KM-250PL	121.35	T2KM-250PM	167.05
3"	3.625"	2.380"	T2KM-300PL	162.05	T2KM-300PM	216.50
4"	4.500"	3.125"	T2KM-400PL	219.00	T2KM-400PM	289.05

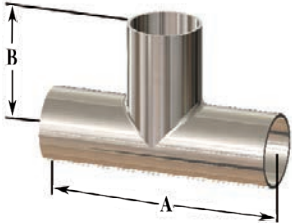
45° Clamp x Clamp Elbows - T2KMP



BPE Table DT-4.1.1-6

Size	Dimension A	PL finish - SF1		PM finish - SF4	
		Part #	Price/E	Part #	Price/E
1/2"	1.000"	T2KMP-050PL	\$104.30	T2KMP-050PM	\$123.80
3/4"	1.000"	T2KMP-075PL	104.30	T2KMP-075PM	123.80
1"	1.125"	T2KMP-100PL	90.90	T2KMP-100PM	111.65
1 1/2"	1.438"	T2KMP-150PL	94.55	T2KMP-150PM	112.90
2"	1.750"	T2KMP-200PL	108.30	T2KMP-200PM	145.10
2 1/2"	2.063"	T2KMP-250PL	167.10	T2KMP-250PM	200.75
3"	2.380"	T2KMP-300PL	211.40	T2KMP-300PM	248.25
4"	3.125"	T2KMP-400PL	474.70	T2KMP-400PM	534.60

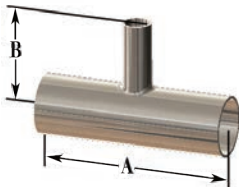
Weld x Weld x Weld Tees - T7WWW



BPE Table DT-4.1.2-1

Size	Dimensions		PL finish - SF1		PM finish - SF4	
	A	B	Part #	Price/E	Part #	Price/E
1/2"	3.750"	1.875"	T7WWW-050PL	\$78.40	T7WWW-050PM	\$110.15
3/4"	4.000"	2.000"	T7WWW-075PL	76.90	T7WWW-075PM	110.15
1"	4.250"	2.125"	T7WWW-100PL	58.85	T7WWW-100PM	100.65
1 1/2"	4.750"	2.375"	T7WWW-150PL	71.20	T7WWW-150PM	112.45
2"	5.750"	2.875"	T7WWW-200PL	87.85	T7WWW-200PM	136.70
2 1/2"	6.250"	3.125"	T7WWW-250PL	121.35	T7WWW-250PM	164.20
3"	6.750"	3.375"	T7WWW-300PL	168.40	T7WWW-300PM	216.50
4"	8.250"	4.125"	T7WWW-400PL	244.30	T7WWW-400PM	310.80

Weld x Weld x Weld Reducing Tees - T7RWWW



BPE Table DT-4.1.2-6

Size	Dimensions		PL finish - SF1		PM finish - SF4	
	A	B	Part #	Price/E	Part #	Price/E
3/4" x 1/2"	4.000"	2.000"	T7RWWW-075050PL	\$118.65	T7RWWW-075050PM	\$142.65
1" x 1/2"	4.250"	2.125"	T7RWWW-100050PL	122.40	T7RWWW-100050PM	147.95
1" x 3/4"	4.250"	2.125"	T7RWWW-100075PL	122.40	T7RWWW-100075PM	147.95
1 1/2" x 1/2"	4.750"	2.375"	T7RWWW-150050PL	128.70	T7RWWW-150050PM	172.85
1 1/2" x 3/4"	4.750"	2.375"	T7RWWW-150075PL	128.70	T7RWWW-150075PM	157.15
1 1/2" x 1"	4.750"	2.375"	T7RWWW-150100PL	128.70	T7RWWW-150100PM	157.15
2" x 1/2"	5.750"	2.625"	T7RWWW-200050PL	166.65	T7RWWW-200050PM	198.10
2" x 3/4"	5.750"	2.625"	T7RWWW-200075PL	166.65	T7RWWW-200075PM	198.10
2" x 1"	5.750"	2.625"	T7RWWW-200100PL	166.65	T7RWWW-200100PM	198.10
2" x 1 1/2"	5.750"	2.625"	T7RWWW-200150PL	166.65	T7RWWW-200150PM	198.10

PL Finish – SF1
 OD = 32R_a Mechanically Polished
 ID = 20R_a Mechanically Polished

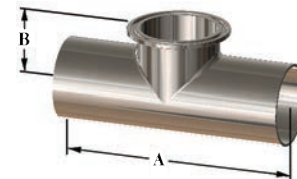
PM Finish – SF4
 OD = 32R_a Mechanically Polished
 ID = 15R_a Mechanically Polished and Electropolished

High Purity BioPharm Fittings



Weld x Weld x Clamp Short Outlet Tees - T7WWMS

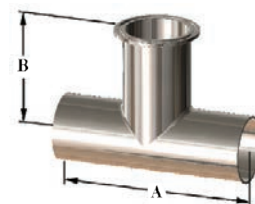
Size	Dimensions		PL finish - SF1		PM finish - SF4	
	A	B	Part #	Price/E	Part #	Price/E
1/2"	3.750"	1.000"	T7WWMS-050PL	\$109.55	T7WWMS-050PM	\$130.60
3/4"	4.000"	1.125"	T7WWMS-075PL	109.55	T7WWMS-075PM	130.60
1"	4.250"	1.125"	T7WWMS-100PL	97.85	T7WWMS-100PM	115.65
1 1/2"	4.750"	1.375"	T7WWMS-150PL	97.85	T7WWMS-150PM	119.65
2"	5.750"	1.625"	T7WWMS-200PL	117.40	T7WWMS-200PM	142.65
2 1/2"	6.250"	1.825"	T7WWMS-250PL	153.25	T7WWMS-250PM	188.80
3"	6.750"	2.125"	T7WWMS-300PL	199.45	T7WWMS-300PM	246.95
4"	8.250"	2.750"	T7WWMS-400PL	378.90	T7WWMS-400PM	496.35



BPE Table DT-4.1.2-2

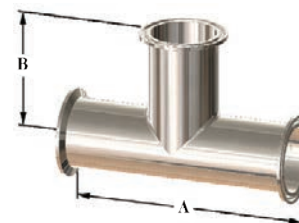
Weld x Weld x Clamp Tees - T7WWM

Size	Dimensions		PL finish - SF1		PM finish - SF4	
	A	B	Part #	Price/E	Part #	Price/E
1/2"	3.750"	2.250"	T7WWM-050PL	\$109.55	T7WWM-050PM	\$130.60
3/4"	4.000"	2.375"	T7WWM-075PL	109.55	T7WWM-075PM	130.60
1"	4.250"	2.625"	T7WWM-100PL	94.75	T7WWM-100PM	115.75
1 1/2"	4.750"	2.875"	T7WWM-150PL	97.85	T7WWM-150PM	131.60
2"	5.750"	3.375"	T7WWM-200PL	117.40	T7WWM-200PM	156.90
2 1/2"	6.250"	3.625"	T7WWM-250PL	153.25	T7WWM-250PM	207.80
3"	6.750"	3.875"	T7WWM-300PL	208.90	T7WWM-300PM	271.60
4"	8.250"	4.750"	T7WWM-400PL	426.30	T7WWM-400PM	496.35



Clamp x Clamp x Clamp Tees - T7MP

Size	Dimensions		PL finish - SF1		PM finish - SF4	
	A	B	Part #	Price/E	Part #	Price/E
1/2"	4.500"	2.250"	T7MP-050PL	\$140.50	T7MP-050PM	\$162.40
3/4"	4.750"	2.375"	T7MP-075PL	140.50	T7MP-075PM	162.40
1"	5.250"	2.625"	T7MP-100PL	122.40	T7MP-100PM	146.65
1 1/2"	5.750"	2.875"	T7MP-150PL	126.45	T7MP-150PM	165.65
2"	6.750"	3.375"	T7MP-200PL	143.00	T7MP-200PM	190.35
2 1/2"	7.250"	3.625"	T7MP-250PL	188.65	T7MP-250PM	251.30
3"	7.750"	3.875"	T7MP-300PL	405.05	T7MP-300PM	455.50
4"	9.500"	4.750"	T7MP-400PL	778.40	T7MP-400PM	860.70



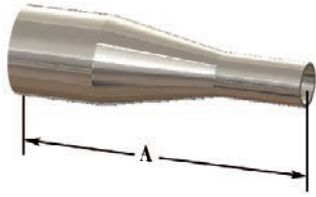
BPE Table DT-4.1.2-4

PL Finish – SF1
 OD = 32R_a Mechanically Polished
 ID = 20R_a Mechanically Polished

PM Finish – SF4
 OD = 32R_a Mechanically Polished
 ID = 15R_a Mechanically Polished and Electropolished



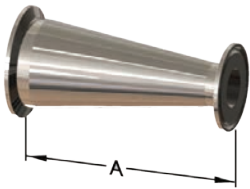
High Purity BioPharm Fittings Weld x Weld Concentric Reducers - T31W



BPE Table DT-4.1.3-1(a)

Size	Dimension A	PL finish - SF1		PM finish - SF4	
		Part #	Price/E	Part #	Price/E
¾" x ½"	4.00"	T31W-075050PL	\$96.20	T31W-075050PM	\$119.95
1" x ½"	4.50"	T31W-100050PL	118.70	T31W-100050PM	143.95
1" x ¾"	4.00"	T31W-100075PL	96.20	T31W-100075PM	119.95
1½" x ½"	5.50"	T31W-150050PL	247.50	T31W-150050PM	286.50
1½" x ¾"	5.00"	T31W-150075PL	247.50	T31W-150075PM	286.50
1½" x 1"	5.00"	T31W-150100PL	126.25	T31W-150100PM	151.85
2" x ½"	7.75"	T31W-200050PL	276.85	T31W-200050PM	413.70
2" x ¾"	7.25"	T31W-200075PL	246.60	T31W-200075PM	397.95
2" x 1"	7.25"	T31W-200100PL	139.65	T31W-200100PM	172.30
2" x 1½"	5.25"	T31W-200150PL	123.95	T31W-200150PM	155.85

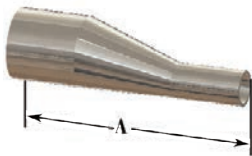
Clamp x Clamp Concentric Reducers - T3114MP



BPE Table DT-4.1.3-3(a)

Size	Dimension A	PL finish - SF1		PM finish - SF4	
		Part #	Price/E	Part #	Price/E
¾" x ½"	2.000"	T3114MP075050PL	\$189.90	T3114MP075050PM	\$221.85
1" x ½"	2.500"	T3114MP100050PL	227.85	T3114MP100050PM	265.40
1" x ¾"	2.000"	T3114MP100075PL	189.90	T3114MP100075PM	221.80
1½" x ½"	3.500"	T3114MP150050PL	319.70	T3114MP150050PM	368.30
1½" x ¾"	3.000"	T3114MP150075PL	319.70	T3114MP150075PM	368.30
1½" x 1"	3.000"	T3114MP150100PL	227.85	T3114MP150100PM	268.00
2" x ½"	5.500"	T3114MP200050PL	319.15	T3114MP200050PM	426.45
2" x ¾"	5.000"	T3114MP200075PL	463.00	T3114MP200075PM	525.45
2" x 1"	5.000"	T3114MP200100PL	280.55	T3114MP200100PM	322.15
2" x 1½"	3.000"	T3114MP200150PL	197.25	T3114MP200150PM	229.75

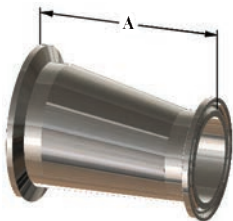
Weld x Weld Eccentric Reducers - T32W



BPE Table DT-4.1.3-1(a)

Size	Dimension A	PL finish - SF1		PM finish - SF4	
		Part #	Price/E	Part #	Price/E
¾" x ½"	4.00"	T32W-075050PL	\$153.15	T32W-075050PM	\$180.90
1" x ½"	4.50"	T32W-100050PL	155.60	T32W-100050PM	183.60
1" x ¾"	4.00"	T32W-100075PL	155.60	T32W-100075PM	180.90
1½" x ½"	5.50"	T32W-150050PL	316.05	T32W-150050PM	361.70
1½" x ¾"	5.00"	T32W-150075PL	316.05	T32W-150075PM	361.70
1½" x 1"	5.00"	T32W-150100PL	156.85	T32W-150100PM	188.90
2" x ½"	7.75"	T32W-200050PL	348.60	T32W-200050PM	440.65
2" x ¾"	7.25"	T32W-200075PL	330.05	T32W-200075PM	422.00
2" x 1"	7.25"	T32W-200100PL	173.95	T32W-200100PM	237.65
2" x 1½"	5.25"	T32W-200150PL	134.75	T32W-200150PM	190.10

Clamp x Clamp Eccentric Reducers - T3214MP



BPE Table DT-4.1.3-3(a)

Size	Dimension A	PL finish - SF1		PM finish - SF4	
		Part #	Price/E	Part #	Price/E
¾" x ½"	2.000"	T3214MP075050PL	\$204.70	T3214MP075050PM	\$273.30
1" x ½"	2.500"	T3214MP100050PL	245.60	T3214MP100050PM	273.30
1" x ¾"	2.000"	T3214MP100075PL	276.85	T3214MP100075PM	318.25
1½" x ½"	3.500"	T3214MP150050PL	384.65	T3214MP150050PM	407.05
1½" x ¾"	3.000"	T3214MP150075PL	384.65	T3214MP150075PM	407.05
1½" x 1"	3.000"	T3214MP150100PL	279.30	T3214MP150100PM	328.75
2" x ½"	5.500"	T3214MP200050PL	316.85	T3214MP200050PM	408.80
2" x ¾"	5.000"	T3214MP200075PL	300.25	T3214MP200075PM	392.15
2" x 1"	5.000"	T3214MP200100PL	358.85	T3214MP200100PM	411.95
2" x 1½"	3.000"	T3214MP200150PL	245.00	T3214MP200150PM	286.50

PL Finish – SF1
OD = 32R_a Mechanically Polished
ID = 20R_a Mechanically Polished

PM Finish – SF4
OD = 32R_a Mechanically Polished
ID = 15R_a Mechanically Polished and Electropolished

High Purity BioPharm Fittings



Solid End Caps - T16AMP

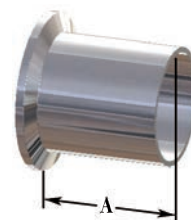
Size	Dimensions		PL finish - SF1		PM finish - SF4	
	A	B	Part #	Price/E	Part #	Price/E
1/2" - 3/4"	0.19"	1.00"	T16AMP-050075PL	\$13.05	T16AMP-050075PM	\$24.10
1" - 1 1/2"	0.25"	1.99"	T16AMP-100150PL	11.85	T16AMP-100150PM	22.70
2"	0.25"	2.52"	T16AMP-200PL	16.60	T16AMP-200PM	30.70
2 1/2"	0.25"	3.05"	T16AMP-250PL	22.70	T16AMP-250PM	41.75
3"	0.25"	3.58"	T16AMP-300PL	35.30	T16AMP-300PM	55.55
4"	0.31"	4.69"	T16AMP-400PL	92.20	T16AMP-400PM	114.85



BPE Table DT-4.1.5-2

Auto Weld Ferrules - TL14AM7

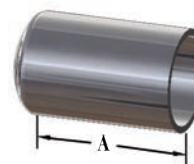
Size	Dimension A	PL finish - SF1		PM finish - SF4	
		Part #	Price/E	Part #	Price/E
1/2"	1.75"	TL14AM7-050PL	\$20.35	TL14AM7-050PM	\$39.05
3/4"	1.75"	TL14AM7-075PL	20.35	TL14AM7-075PM	39.05
1"	1.75"	TL14AM7-100PL	25.35	TL14AM7-100PM	46.35
1 1/2"	1.75"	TL14AM7-150PL	27.15	TL14AM7-150PM	59.30
2"	2.25"	TL14AM7-200PL	35.85	TL14AM7-200PM	76.30
2 1/2"	2.25"	TL14AM7-250PL	55.95	TL14AM7-250PM	106.20
3"	2.25"	TL14AM7-300PL	68.90	TL14AM7-300PM	128.00
4"	2.25"	TL14AM7-400PL	132.70	TL14AM7-400PM	174.15



BPE Table DT-4.1.4-1

Weld Caps - T16W

Size	Dimension A	PL finish - SF1		PM finish - SF4	
		Part #	Price/E	Part #	Price/E
1/2"	1.50"	T16W-050PL	\$45.70	T16W-050PM	\$61.35
3/4"	1.50"	T16W-075PL	43.10	T16W-075PM	59.00
1"	1.50"	T16W-100PL	41.95	T16W-100PM	57.30
1 1/2"	1.50"	T16W-150PL	53.40	T16W-150PM	82.70
2"	1.50"	T16W-200PL	70.35	T16W-200PM	90.80




BPE Table DT-4.1.5-1

PL Finish – SF1
 OD = 32R_a Mechanically Polished
 ID = 20R_a Mechanically Polished

PM Finish – SF4
 OD = 32R_a Mechanically Polished
 ID = 15R_a Mechanically Polished and Electropolished

ULC UL Factory Set Pressure Reducing (regulating) Valves

Features:

- true combination shut-off and pressure reducing valves
- 1½" reduces inlet pressure of 300 PSI (2069 kPa) or less to working pressures of **10** through **175 PSI** (69-1207 kPa); 2½" reduces inlet pressures of 400 PSI (2758 kPa) or less to working pressures of **20** through **175 PSI** (138-1207 kPa) under discharge or static conditions
- female x female valves have an open / closed indicator bonnet for confirmation of valve status
- valves are tamper resistant and automatic
- available with a tamper proof switch
- complete switch, with bracket and housing, available for field mounting, consult Dixon™ for price and availability
- all debris must be flushed from the system prior to being placed into service 
- other configurations are available, contact Dixon™ for additional information

Specifications:

- pressure reducing (regulating) valves are listed by:
 1. Underwriters Laboratories for Automatic Sprinkler Systems as floor or zone control valves
 2. Standpipe Systems, Class I, II and III
 3. Automatic Check Valve for Dual Riser Systems
 4. Approved by New York City Board of Standards and Appeals, approval # MEA 54-07-E
 5. Approved by City of Los Angeles and the City of San Francisco (ULC 2½")

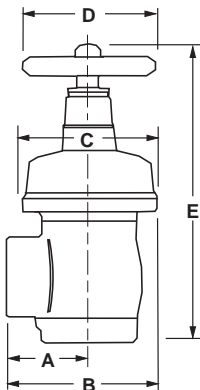


Inlet Female NPT	Outlet Male NST (NH)	Cast Brass Part #	Price/E
1½"	1½"	<i>NAPRAV150F-15</i>	\$720.00
		<i>NAPRAV150F-20</i>	720.00
		<i>NAPRAV150F-25</i>	720.00
		<i>NAPRAV150F-30</i>	720.00
		<i>NAPRAV150F-35</i>	720.00
2½"	2½"	<i>NAPRAV250F-55</i>	940.00
		<i>NAPRAV250F-60</i>	940.00
		<i>NAPRAV250F-65</i>	940.00
		<i>NAPRAV250F-70</i>	940.00
		<i>NAPRAV250F-75</i>	940.00
		<i>NAPRAV250F-80</i>	940.00
		<i>NAPRAV250F-90</i>	940.00



Inlet Female NPT	Outlet Female NPT	Cast Brass Part #	Price/E
1½"	1½"	<i>NAPRAVF150-15</i>	\$720.00
		<i>NAPRAVF150-20</i>	720.00
		<i>NAPRAVF150-25</i>	720.00
		<i>NAPRAVF150-30</i>	720.00
		<i>NAPRAVF150-50</i>	720.00
2½"	2½"	<i>NAPRAVF250-55</i>	940.00
		<i>NAPRAVF250-60</i>	940.00
		<i>NAPRAVF250-65</i>	940.00
		<i>NAPRAVF250-70</i>	940.00
		<i>NAPRAVF250-75</i>	940.00
		<i>NAPRAVF250-80</i>	940.00
		<i>NAPRAVF250-85</i>	940.00

Dimensions



Size	A	B	C	D	E closed	E open
1½"	2-7/32"	4-5/32"	3-7/8"	3-3/4"	9-25/64"	8-53/64"
2½"	3-7/32"	6-3/32"	5-3/4"	5-3/4"	11-3/8"	10-13/16"

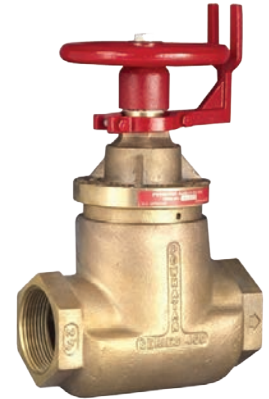
P

Factory Set Pressure Reducing (regulating) Valves



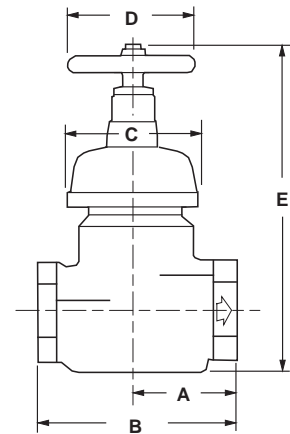
Inlet Female NPT	Outlet Female NPT	Cast Brass Part #	Price/E
2½"	2½"	NAPRVF250-55	\$940.00
		NAPRVF250-60	940.00
		NAPRVF250-65	940.00
		NAPRVF250-70	940.00
		NAPRVF250-75	940.00
		NAPRVF250-80	940.00
		NAPRVF250-85	940.00

Inlet Grooved	Outlet Grooved	Cast Brass Part #	Price/E
2½"	2½"	NAPRVG250-55	\$940.00
		NAPRVG250-60	940.00
		NAPRVG250-65	940.00
		NAPRVG250-70	940.00
		NAPRVG250-75	940.00
		NAPRVG250-85	940.00



Dimensions

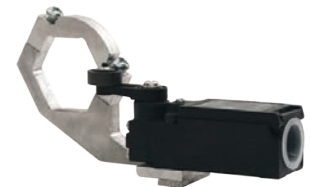
Size	Style	A	B	C	D	E closed	E open
2½"	NPT	3-7/8"	7-3/4"	5-3/4"	5-3/4"	12-3/4"	12-13/16"
2½"	grooved	4-3/8"	8-3/4"	5-3/4"	5-3/4"	12-3/4"	12-13/16"



Accessories for Pressure Reducing Brass Valves

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Description	Part #	Price/E
1½" tamper switch bracket kit (bonnet, nut, switch, bracket)	4201901588	\$271.55
2½" tamper switch bracket kit (bonnet, nut, switch, bracket)	4201901587	307.40
switch bracket only	18-458-00017	52.95
replacement handles for 1½" valves	AV150-W	17.45
replacement handles for 2½" valves	46-030-00025	26.00



UL **UL** Factory Set Pressure Reducing (regulating) Valves

Features:

- (4) drilled and tapped bosses:
 - two on each side for upstream and downstream pressure monitoring
 - saves installation time and provides a cleaner appearance
- 2½" size reduces inlet pressures of **400 PSI** (2758 kPa) or less to desired working pressures from **20** through **175 PSI** (138-1207 kPa) under discharge or static conditions
- tamper switch available

angle valves



grooved x grooved



grooved x female

Inlet Grooved	Outlet Grooved	Cast Brass Part #	Price/E
2½"	2½"	NAPRAVGT250-55	\$1181.10
		NAPRAVGT250-60	1181.10
		NAPRAVGT250-65	1181.10
		NAPRAVGT250-70	1181.10
		NAPRAVGT250-75	1181.10
		NAPRAVGT250-80	1181.10
		NAPRAVGT250-85	1181.10
		NAPRAVGT250-95	1181.10

Inlet Grooved	Outlet Female NPT	Cast Brass Part #	Price/E
2½"	2½"	NAPRAVGFT250-55	\$1181.10
		NAPRAVGFT250-60	1181.10
		NAPRAVGFT250-65	1181.10
		NAPRAVGFT250-70	1181.10
		NAPRAVGFT250-75	1181.10
		NAPRAVGFT250-80	1181.10
		NAPRAVGFT250-85	1181.10
		NAPRAVGFT250-95	1181.10

globe valves

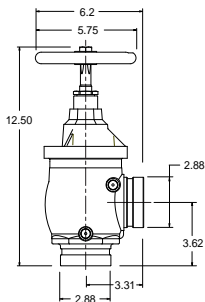


female x female

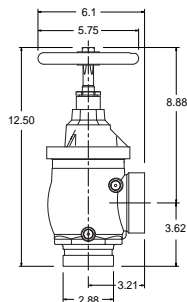
Inlet Female NPT	Outlet Female NPT	Cast Brass Part #	Price/E
2½"	2½"	NAPRVFT250-55	\$1181.10
		NAPRVFT250-60	1181.10
		NAPRVFT250-65	1181.10
		NAPRVFT250-70	1181.10
		NAPRVFT250-75	1181.10
		NAPRVFT250-80	1181.10
		NAPRVFT250-85	1181.10
		NAPRVFT250-95	1181.10

Inlet Grooved	Outlet Grooved	Cast Brass Part #	Price/E
2½"	2½"	NAPRVGT250-55	\$1181.10
		NAPRVGT250-60	1181.10
		NAPRVGT250-65	1181.10
		NAPRVGT250-70	1181.10
		NAPRVGT250-75	1181.10
		NAPRVGT250-80	1181.10
		NAPRVGT250-85	1181.10
		NAPRVGT250-95	1181.10

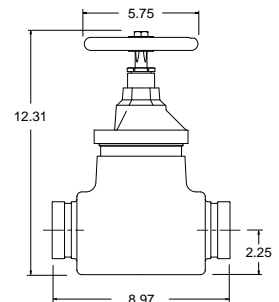
Dimensions



grooved x grooved angle valve



grooved x female angle valve



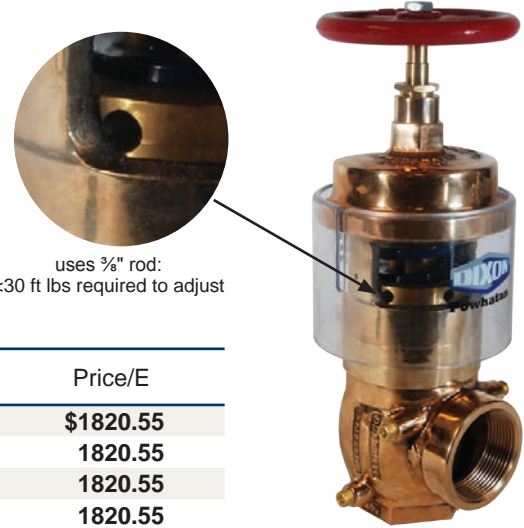
grooved x grooved globe valve

Field Adjustable Pressure Reducing Valves



Features:

- U/L listed
- allows flexibility during installation with the ability to adjust settings once installed as hydraulic conditions change
- used in applications where the inlet pressure is greater than 175 PSI
- ¼" NPT gauge ports - both sides, drilled and tapped standard
- ⅜" adjusting rod included
- available tamper switch (**42-019-01587**), consult Dixon™



angle valves ¹

Inlet	Outlet	Cast Brass Part #	Price/E
2½" FNPT	2½" MNST	FAPRAV250F	\$1820.55
2½" FNPT	2½" FNPT	FAPRAVF250	1820.55
2½" groove	2½" MNST	FAPRAVG250F	1820.55
2½" groove	2½" groove	FAPRAVG250G	1820.55

straight valves ²

Inlet	Outlet	Cast Brass Part #	Price/E
2½" groove	2½" groove	FAPRVG250	\$1820.55
2½" FNPT	2½" FNPT	FAPRVF250	1820.55

Replacement Parts

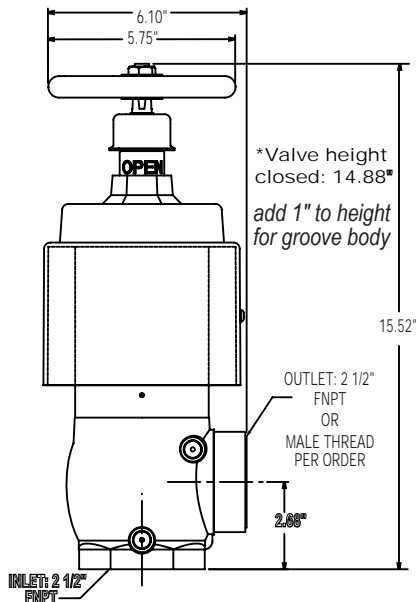
Description	Cast Iron Part #	Price/E
handwheel	46-030-00025	\$26.00



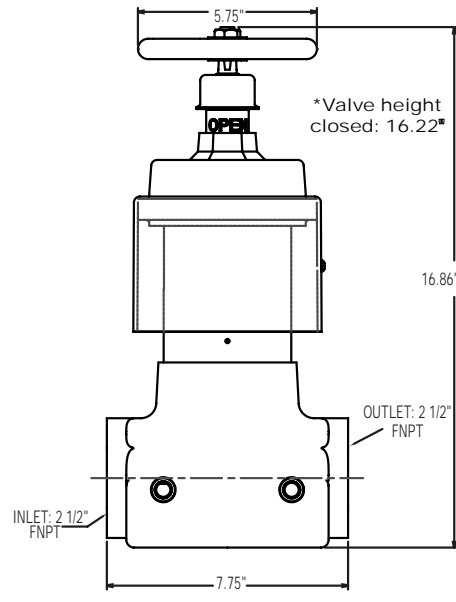
Setting Instructions:

1. Determine desired outlet pressure for known inlet pressure.
2. Remove the tamper-resistant screw and slide the plastic cover up to access the adjusting nut.
3. Use a ⅜" diameter rod in any one of the 6 holes in the adjusting nut and rotate counter clockwise to increase the pressure at the outlet.
4. Check valve under pressure under static and under the anticipated flowing conditions to ascertain that the setting produces the expected results.

Dimensions



angle valve ¹



add 2" to width for groove body
straight valve ²



UL ULC Global Adjustable Pressure Restricting Angle Valves



Application:

- used when flowing water pressure needs to be controlled

Features:

- preset orifices restrict the volume of water thereby lowering the pressure of the flowing water; NFPA requires restricting valves where inlet pressure exceeds 100 PSI
- restricting valve has no effect on the static pressure of a system
- restricting device can be manually by passed if required by opening the valve fully: pull the pin allowing the yoke to fall back from the valve stem which allows valve to be fully opened, when valve needs to be restricted again, slide the yoke back into place to be NFPA compliant

Inlet Female NPT	Outlet Male NST (NH)	Cast Brass Part #	Price/E
1½"	1½"	AVAPR150F-I	\$126.70
2½"	2½"	AVAPR250F-I	268.35

Inlet Female NPT	Outlet Female NPT	Cast Brass Part #	Price/E
1½"	1½"	AVAPRF150-I	\$126.70
2½"	2½"	AVAPRF250-I	268.35

UL ULC Domestic Adjustable Pressure Restricting Angle Valves



Application:

- used when flowing water pressure needs to be controlled

Features:

- preset orifices restrict the volume of water thereby lowering the pressure of the flowing water; NFPA requires restricting valves where inlet pressure exceeds 100 PSI
- restricting valve has no effect on the static pressure of a system
- can be manually by-passed if required by opening the valve fully, this is accomplished by breaking the breakable link, which allows the valve stem to rise to the full open position
- breakable link also serves as an indication of valve condition and status; if valve is opened without breaking the link it will resume its previous position and no resetting is necessary
- restricts inlet pressure from 70 PSI up to a maximum of 175 PSI
- restricts down to outlet pressures of 65, 80 or 100 PSI, outlet pressures may be set below 65 PSI when authorized by the local authority having jurisdiction
- restricts only under flow conditions
- setting charts are packed with valve
- U/L listed
- New York City Board of Standards and Appeals, approval # MEA 54-07-E
- maximum operating pressure: up to **175 PSI**
- aluminum handwheel
- other configurations are available, contact Dixon™ for additional information

Inlet Female NPT	Outlet Male NST (NH)	Cast Brass Part #	Price/E
1½"	1½"	AVAPR150F	\$568.95
2½"	2½"	AVAPR250F	802.85

Inlet Female NPT	Outlet Female NPT	Cast Brass Part #	Price/E
1½"	1½"	AVAPRF150	\$576.70
2½"	2½"	AVAPRF250	787.40

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Adjustable Pressure Restricting Device

Features:

- for installation on Class I or Class III standpipe system hose outlets
- device restricts pressure in the piping system to such a degree that hose lines can be handled by persons untrained in the handling of heavy fire streams
- New York City Board of Standards and Appeals, approval # MEA 54-07-E
- 2½" U/L listed
- working pressure: **175 PSI** at 70°F (21°C)



Female Thread	Male Thread	Cast Brass Part #	Price/E
1½" NST (NH)	1½" NST (NH)	APRD150F	\$350.00
2½" NST (NH)	2½" NST (NH)	APRD250F	397.00
2½" NYC	2½" NYC	APRD250NYC	397.00



Domestic Cast Angle Hose Valves



Features:

- U/L listed and FM approved
- aluminum hand wheel
- working pressure: **300 PSI** at 70°F (21°C)

Inlet Female NPT	Outlet Male Thread	Cast Brass Part #	Price/E
1½"	1½" NST (NH)	AV150	\$300.00
	1½" NYFD	AV150NYFD¹	330.00
	1½" NPSH	AV150S	316.75
	1½" NPT	AV150T	331.45
2½"	2½" NST (NH)	AV250	473.65
	2½" NYC	AV250NYC¹	473.65
	2½" NYFD	AV250NYFD¹	473.65
	2½" NPSH	AV250S	473.65

¹ supplied with red hand wheel



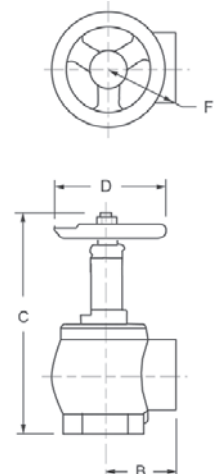
Inlet Female NPT	Outlet Female NPT	Cast Brass Part #	Price/E
1½"	1½"	AVF150	\$300.00
2½"	2½"	AVF250	473.65

Replacement Parts

Description	Part #	Price/E
aluminum handwheel for 1½" valve	AV150-W	\$17.45
aluminum handwheel for 2½" valve	AV250-W	26.00
handwheel nut for 1½" valve	AV150-N	1.55
handwheel nut for 2½" valve	AV250-N	1.50
valve seal rubber for 1½" valve	AV150-RBR	17.80
valve seal rubber for 2½" valve	AV250-RBR	18.70

Dimensions

Size	A	B	C closed	C open	D	F
1½"	2-11/64"	2-7/32"	6-5/8"	7-21/32"	3-3/4"	2-13/16"
2½"	3-3/16"	3-3/16"	9-1/4"	11"	5"	3-19/32"





Global Cast Angle Valves

Female Inlet



Features:

- NPT inlet thread only
 - aluminum handwheel
 - working pressure: **300 PSI** at 70°F (21°C)
 - New York City Board of Standards and Appeals, approval # MEA 54-07-E
 - available finishes:
 - cast (standard)
 - polished: -P
 - chrome: -C
- minimum quantity for special thread, consult Dixon™

Inlet Female NPT	Outlet	Cast Yellow DZR Brass Part #	Price/E
1½"	1½" male NST (NH)	AV150-I	\$108.80
2½"	2½" male NST (NH)	AV250-I	222.00
NEW 2½"	2½" MNYFD	AV250NYFD-I	222.00

Grooved Inlet



Inlet Grooved	Outlet Male NST (NH)	Cast Yellow DZR Brass Part #	Price/E
2½"	2½"	AVG250F-I	\$240.70

Inlet Grooved	Outlet Female NPT	Cast Yellow DZR Brass Part #	Price/E
2½"	2½"	AVGF250-I	\$240.70

Double Female

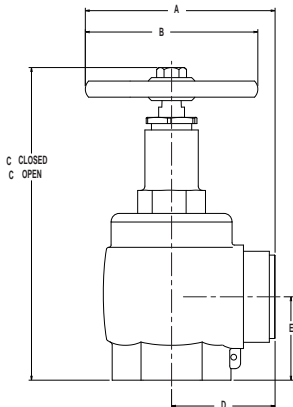
Features:

- NPT inlet and outlet only
- aluminum handwheel
- working pressure: **300 PSI** at 70°F (21°C)
- New York City Board of Standards and Appeals, approval # MEA 54-07-E
- available finish:
 - cast (standard)
 - polished = -P
 - chrome = -C



Inlet Female NPT	Outlet Female NPT	Cast Yellow DZR Brass Part #	Price/E
1½"	1½"	AVF150-I	\$108.80
2½"	2½"	AVF250-I	222.00

Dimensions



Size	A	B	C (closed)	C (open)	D	E	Wt. in Lbs.
1½"	4.13"	3.75"	6.80"	7.78"	2.25"	1.81"	4.4
2½"	5.69"	5.00"	9.00"	10.72"	3.19"	2.59"	9.5

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Global Forged Angle Hose Valves



Features:

- to be used with a fire hose rack assembly, or as a fire department outlet connection
- U/L listed and FM approved
- red steel handwheel
- maximum operating pressure: **300 PSI** at 70°F (21°C)
- polished or chrome plated parts with other outlet threads are also available, consult Dixon™ for information

Female x Male

Inlet Female NPT	Outlet Male Thread	Forged Brass Part #	Price/E
1½"	1½" NST (NH)	AV151	\$174.05
2½"	2½" NST (NH)	AV251	302.75
	2½" NYC	AV251NYC	302.75
	2½" NYFD	AV251NYFD	302.75
	3" NST	AV2531	414.00



Female x Female

Inlet Female NPT	Outlet Female NPT	Forged Brass Part #	Price/E
1½"	1½"	AVF151	\$174.05
2½"	2½"	AVF251	302.75

Replacement Parts

Description	Part #	Price/E
handwheel for 1½" valve	AV151-WR	\$32.90
handwheel for 2½" valve	AV251-WR	36.35
handwheel nut for 1½" valve	AV151-N	1.40
handwheel nut for 2½" valve	AV251-N	1.35
valve seal rubber for 1½" valve	AV151-RBR	16.95
valve seal rubber for 2½" valve	AV251-RBR	15.15



500# Angle Hose Valves



Applications:

- Typical applications are in fire department, gravity and pressure tank connections, test connections, and public water supplies to sprinkler and standpipe systems; designed and approved to manage 500 PSI pressures in piping systems where it is necessary to access the system for a fire hose connection.

Features:

- red handwheel
- FM approved
- New York City Board of Standards and Appeals, approval # MEA 54-07-E
- maximum operating pressure: **500 PSI** at 70°F (21°C)

Inlet Female NPT	Outlet Male Thread	Cast Brass Part #	Price/E
2½"	2½" NST (NH)	AV5-250F	\$711.25
2½"	2½" NYFD	AV5-250NYFD	711.25

Inlet Female NPT	Outlet Female NPT	Cast Brass Part #	Price/E
2½"	2½"	AVF5-250	\$711.25



AV5-250NYFD

AVF5-250



Male x Grooved Adapters with Internal Lugs



Feature:

- allows the conversion of a female NPT valve inlet to connect to grooved piping

Male NPT	Grooved Size	Length	Brass Part #	Price
2½"	2½"	2-3/64"	VMIL250	\$41.70
4"	4"	2-3/64"	VMIL400	66.50

Male x Male Adapters with Internal Lugs



Feature:

- allows the conversion of a female NPT valve inlet to connect to hose



Male NPT	Male NH (NST)	Length	Brass Part #	Price
2½"	2½"	1-29/64"	DMIL250F	\$36.10
2½"	3"	1-31/64"	DMIL2530F	45.25

- All adapters are made to approved Dixon™ specifications.

Straight Globe Valves

Features:

- ideal for wet and combination systems
- used with a fire hose rack assembly, or as a fire department outlet connection
- aluminum handwheel
- maximum operating pressure: **300 PSI** at 70°F (21°C)



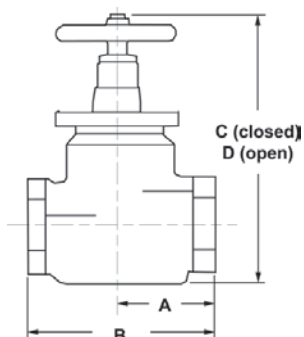
Female x Male

Inlet Female	Outlet Male	Cast Brass Part #	Price/E
1½" NPT	1½" NST (NH)	SGV150F	\$374.05
2½" NPT	2½" NST (NH)	SGV250F	566.70

Female x Female

Inlet Female NPT	Outlet Female NPT	Cast Brass Part #	Price/E
1½"	1½"	SGVF150	\$448.20
2½"	2½"	SGVF250	635.35

Dimensions



Size	A	B	C (closed)	D (open)
1½"	2-3/8"	4-3/4"	7-1/4"	8"
2½"	3-9/32"	6-9/16"	7-3/8"	8-1/8"

Straight Ball Drip Valves

Application:

- designed to drain the low point of a system this valve should be placed between a fire department connection and a swing check valve

Features:

- will seal automatically under pressure
- install horizontally
- working pressure: **175 PSI** at 70°F (21°C)

Male NPT	Male NPT	Brass Part #	Price/E
1/2"	1/2"	SBDV50	\$26.60
3/4"	3/4"	SBDV75	30.00

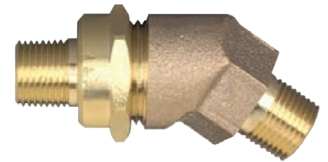


Angled Ball Drip Valves

Features:

- seals automatically under pressure
- installed horizontally, the ball seats at approximately 8-10 PSI
- working pressure: **175 PSI** at 70°F (21°C)

Male NPT	Male NPT	Brass Part #	Price/E
1/2"	1/2"	ASBDV50	\$161.00
3/4"	3/4"	ASBDV75	161.00



Groove x Groove Check Valves

Applications:

- Used in Fire Protection Systems to allow water flow in one direction only. Typical applications include: connections between public water supplies and private fire services systems; discharges from fire pumps; gravity tank connections; fire department pumper connections

Features:

- supplied with 1/4" and 1/2" tapped NPT ports below the clapper and a 1/4" tapped NPT port above the clapper
- supplied with a 1 1/2" NPT tapped boss below the clapper, boss above the clapper may be tapped for the addition of a 1/2" NPT drain
- for horizontal and vertical installation
- U/L listed
- maximum operating pressure: **250 PSI** working pressure at 70°F (21°C)

Description	Brass Part #	Price/E
4" groove x 4" groove	SCVV400	\$364.90



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Chicago Pattern Valves

Features:

- aluminum handwheel
- maximum operating pressure: **175 PSI** at 70°F (21°C)

Inlet Male NPT	Outlet Male	Cast Brass Part #	Price/E
1 1/2"	1 1/2" NST (NH)	CPV150F	\$363.65
1 1/2"	1 1/2" NPSH	CPV150S	379.35





Non-rising Stem Wedge Disc Gate Valves



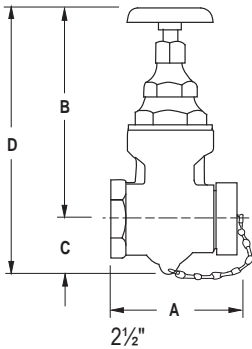
Features:

- red iron handwheel, with brass cap and chain
- cap not included on the NYFD threaded valve and special threaded valves
- solid wedge disc with tapered seats
- 2½" U/L listed and FM approved
- FM approved
- working pressure: **300 PSI** at 70°F (21°C)
- not recommended for wet standpipe systems, use AV250 (18-157) for this purpose, see page 545
- other configurations are available, contact Dixon™ for additional information



Inlet Female NPT	Outlet Male Thread	U/L	Cast Brass Part #	Price
1½"	1½" NST (NH)	no	WDGV150F	\$418.00
2½"	2½" NST (NH)	yes	WDGV250F	888.00
2½"	2½" NYFD	yes	WDGV250NYFD	888.00

Dimensions



Size	A	B	C	D
1½"	3-49/64"	5-5/8"	1-1/8"	6-3/8"
2½"	6"	10-3/4"	2-1/2"	13-1/4"



Global Non-rising Stem Wedge Disc Gate Valves

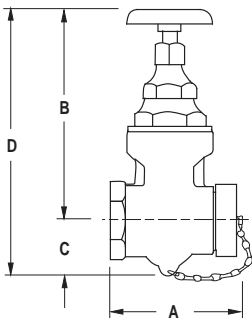


Features:

- working pressure: **300 PSI** (2069 kPa)
- custom male thread available
- non-rising stem
- cast brass with solid wedge disc and tapered seats
- red iron wheel handle with cap and chain (cap not supplied on non-standard threads)
- alloy = DZR brass
- furnished with 2½" NST brass cap and chain
- available finish:
 - cast (standard)
 - polished trim - P
 - cast chrome - RC
 - polished chrome trim - C

Inlet Female NPT	Outlet Male NST	U/L	Cast DZR Brass Part #	Price
2½"	2½"	no	GW DGV250F	\$280.40

Dimensions



Size	A	B	C	D
2½"	5"	7¾"	2½"	10"

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Non-rising Stem Wedge Disc Gate Valves



Applications:

- for use on standpipes, fire pumps and hydrants

Features:

- satin finish
- red handwheel
- solid wedge disc with tapered seats
- straightway pattern
- U/L listed and FM approved
- working pressure: **300 PSI** at 70°F (21°C)



Inlet Female NPT	Outlet Male NST (NH)	Forged Brass Part #	Price
2½"	2½"	WDGV251F	\$505.40
3"	2½"	WDGV3025F	610.75

Wedge Disc Gate Valves - Rising Stem

Features:

- red iron handwheel, with brass cap and chain
- solid wedge disc with tapered seats
- not recommended for wet standpipe systems, use AV250 (18-157) for this purpose, see page 545
- working pressure: see chart below
- other configurations are available, contact Dixon™ for additional information

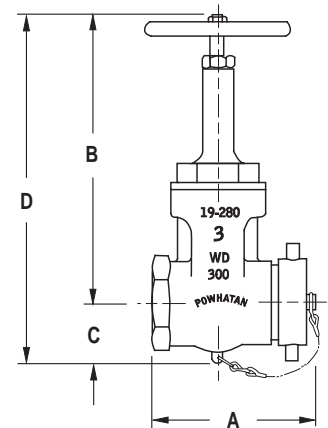


Inlet Female NPT	Outlet Male	WP PSI	Cast Brass Part #	Price
2½"	2½" NST (NH)	200	RWDGV250F	\$938.25
3"	2½" NST (NH)	300	RWDGV3025F¹	1032.50

¹ U/L listed

Dimensions

Size	A	B closed	C	D closed	D open
2½"	6-1/2"	11	2-1/2"	13-1/2"	16-1/4"
3" x 2½"	6-3/16"	11	2-1/2"	13-1/2"	16-1/4"



P

Plain Wye with Pin Lugs



Feature:

- divides one stream into two
- other configurations are available, contact Dixon™ for additional information

Inlet Female	(2) Outlets Male	Cast Brass Part #	Price
1½" NST (NH)	1½" NST (NH)	PW15F15F	\$125.00
1½" NPSH	1½" NPSH	PW15S15S	125.00
2½" NST (NH)	1½" NST (NH)	PW25F15F	190.00
2½" NST (NH)	2½" NST (NH)	PW25F25F	225.00

Hydrant Diffusers



Features:

- powder coated red finish
- brass swivels with full 360° rotation
- flow can be directed to your desired position while flushing the hydrant
- specially designed outlet reduces high velocity discharge to a slower diffused pattern protecting landscape and traffic

Female NST (NH)	Carbon Steel Part #	Price
2½"	HD250F	\$1492.00
4"	HD400F	4614.55
4½"	HD450F	4000.00

Single Hydrant Gate Valves with Handwheel



Application:

- protects fire hydrants from damage that can occur if they are used for throttling

Features:

- pin lug swivel, non-rising stem, red handwheel
- metal to metal seal
- U/L listed
- for use on hydrants, standpipes, and fire pumps
- maximum operating pressure: **300 PSI** (water only) at 70°F (21°C)

Inlet Female	Outlet Male	Forged Brass Part #	Price
2½" NST (NH)	2½" NST (NH)	HGVW250F	\$643.65
2½" NYFD	2½" NYFD	HGVW250NYFD	680.00

Replacement Part



Description	Part #	Price
handwheel	HGVW250-W	\$50.15

P

Single Hydrant Gate Valves with Hand Wheel



Application:

- used to throttle the flow from a fire hydrant preventing damage to the hydrant

Features:

- O-ring seal
- U/L listed
- for use on standpipes and fire pumps where U/L listing is required
- maximum operating pressure: **175 PSI** (water only) at 70°F (21°C)
- other configurations are available, contact Dixon™ for additional information

Inlet Female	Outlet Male	Cast Red Brass Part #	Price
2½" NST (NH)	2½" NST (NH)	UHGV250F	\$450.00
2½" NST (NH)	2½" NST (NH)	UHGV250F-D	\$595.70



Replacement Part

Description	Part #	Price
handwheel	UHGV250-W	\$23.00



Single Hydrant Gate Valves with Speed Handle

Application:

- used to throttle the flow from a fire hydrant preventing damage to the hydrant

Features:

- pin lug swivel, non-rising stem, aluminum speed handle
- rubber seal
- for use on hydrants, standpipes, and fire pumps
- maximum operating pressure: **175 PSI** (water only) at 70°F (21°C)
- other configurations are available, contact Dixon™ for additional information

Inlet Female	Outlet Male	Cast Brass Part #	Price
2½" NST (NH)	2½" NST (NH)	HGV250F	\$318.00
2½" NST (NH)	2½" NST (NH)	HGV250F-D	\$499.00
2½" NST (NH)	2½" NPSH	HGV250	\$318.00



Replacement Part

Description	Aluminum Part #	Price
speed handle	HGV250-H	\$18.00



P



Sprinkler Hose Valve



Features:

- aluminum wheel
- U/L listed and FM approved for automatic sprinkler and standpipe systems
- working pressure: **175 PSI** (water only) at 70°F (21°C)

Inlet Male NPT	Outlet Male NST (NH)	Cast Brass Part #	Price/E
1"	1½"	ASHV1015F	\$373.25

Push Pull Drain Valve



Features:

- direct mount
- 2½" handle length

Inlet	Outlet	Brass Part #	Price
¾" FNPT	¾" FNPT	PPDV75	\$88.00

Automatic Drain Vent Valve



Features:

- attaches to the hose end of a hose rack nipple keeping the hose free of moisture by draining water from a leaky valve; when the valve is opened for use a spring valve closes the drain and directs all water through the hose
- other threads and finishes are available, consult Dixon™ for more information

Female NH (NST)	Male NH (NST)	Working Pressure (PSI)	Cast Brass Part #	Price
¾" FNPT	¾" FNPT	175	ADV150F	\$427.45

P



Test and Drain Valves



Features:

- valve combines the function of testing and draining the system
- chrome plated ball with PTFE seats
- U/L listed and FM approved

NPT Thread	Port Orifice	Forged Brass Part #	Price
1"	½"	TDV100	\$416.80
1¼"	½"	TDV125	416.80
2"	½"	TDV200	675.15

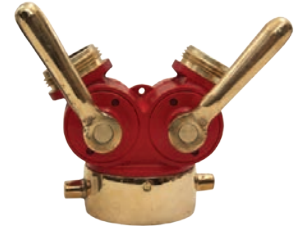
¼ Turn Plug Type Wye Valves

Features:

- pin lug swivel
- maximum operating pressure: **175 PSI** (water only) at 70°F (21°C)
- not recommended for charged pre-connected hose



Inlet Female NST (NH)	(2) Outlets Male	Cast Brass Part #	Price/E
2½"	1½" NST (NH)	S6175	\$748.75
2½"	1½" NPSH	S6175S	813.00



¼ Turn Ball Type Wye Valves

Features:

- rocker lug swivel
- operates easily under high pressure
- handles are not field replaceable
- maximum operating pressure: **175 PSI** (water only) at 70°F (21°C)

Specification:

- meets NSN specifications # 4210-00-255-0234

Inlet Female	(2) Outlets Male	Cast Brass Part #	Price/E
2½" NST (NH)	1½" NPSH	S7337S	\$1084.00



Full Flow ¼ Turn Ball Type Wye Valves

Features:

- recommended for charged pre-connected hose lines
- pin lug swivel
- maximum operating pressure: **175 PSI** (water only) at 70°F (21°C)
- other configurations are available, contact Dixon™ for additional information

Inlet Female Swivel	(2) Outlets Male	Cast Brass Part #	Price
1½" NPSH	1½" NPSH	S7100-15S	\$298.00
1½" NST (NH)	1½" NST (NH)	S7100-15	298.00
2½" NST (NH)	1½" NST (NH)	S7100	298.00



P

Leader Line ¼ Turn Ball Type Wye Valve

Features:

- body painted red with chrome trim
- maximum operating pressure: **400 PSI** (water only) at 70°F (21°C)

Inlet Female NST (NH)	(2) Outlets Male NST (NH)	Brass Part #	Price
2½"	1½"	LLBV2515F	\$934.25



Dixon™ Hydrant Gate Valves with Speed Handle



Application:

- protects fire hydrants from damage that can occur if they are used for throttling

Features:

- full 2½" waterway
- anodized throughout - minimum thickness 0.001"
- test pressure: **250 PSI**, working pressure: **100 PSI** at 70°F (21°C)

Inlet Female Swivel	Outlet Male	Aluminum Alloy, 356-T6 Part #	Price
2½" NPSH	2½" NPSH	AHGV250	\$656.25
2½" NST (NH)	2½" NST (NH)	AHGV250F	656.25

Replacement Parts



handwheel and knob

Description	Part #	Price
handwheel and knob	HGV-HDWHL	\$48.00
knob only	HGV-KNOB	14.00

Global Hydrant Gate Valves with Speed Handle



Application:

- protects fire hydrants from damage that can occur if they are used for throttling

Features:

- pin lug swivel, non-rising stem, aluminum speed handle
- non-metallic seal
- maximum operating pressure: **175 PSI** (water only) at 70°F (21°C)

Inlet Female NST (NH)	Outlet Male NST (NH)	Aluminum Part #	Price
2½"	2½"	AHGV250F-I	\$394.30

Replacement Part



Description	Aluminum Part #	Price
speed handle	AHGV250F-H	\$68.75

P

Dixon™ Large Diameter (LDH) Gate Valves

Application:

- used on the suction intake and discharge sides of a pumper or on a hydrant

Features:

- 30° elbow needs only 8 easy turns to open and close
- non-rising stem, with an air bleed off
- finish anodized throughout - minimum thickness 0.001"
- maximum operating pressure: **280 PSI** at 70°F (21°C), without relief valve
- 4½" minimum waterway

Storz x Storz

Inlet Storz	Outlet Storz	Alum. Alloy, 356-T6 Part #	Price	Length	Width	Height
4"	4"	SGV440	\$2190.80	9"	6¼"	19½"
4"	5"	SGV450	2468.20	9"	7¾"	19½"
5"	4"	SGV540	2503.35	9"	7¾"	19½"
5"	5"	SGV550	2375.65	9"	7¾"	19½"

- all measurements include handles



Storz x Storz 30° with PRV

Inlet Storz	Outlet Storz	Alum. Alloy, 356-T6 Part #	Price	Length	Width	Height
4"	4"	SGV30-440	\$2253.10	9"	6¼"	20.0"
4"	5"	SGV30-450	2572.55	9"	7¾"	20.0"
5"	4"	SGV30-540	2607.70	9"	7¾"	20.0"
5"	5"	SGV30-550	2705.90	9"	7¾"	20.0"

- all measurements include handles



Storz x Female Swivel

Inlet Storz	Outlet Female NST Swivel	Alum. Alloy, 356-T6 Part #	Price	Length	Width	Height
4"	4"	FSGV440F	\$2217.55	9"	6"	19½"
4"	4½"	FSGV445F	2222.40	9"	6½"	19½"
4"	5"	FSGV450F	2344.40	9"	7"	19½"
4"	6"	FSGV460F	2350.80	9"	8"	19½"
5"	4"	FSGV540F	2342.95	9"	6"	19½"
5"	4½"	FSGV545F	2347.75	9"	6½"	19½"
5"	5"	FSGV550F	2469.75	9"	7"	19½"
5"	6"	FSGV560F	2392.90	9"	8"	19½"

- all measurements include handles



P

Dixon™ Large Diameter (LDH) Gate Valves

Female x Male



Inlet Male	Outlet Female NST Swivel	Part #	Price	Length	Width	Height
4"	4"	FMGV40F40F	\$2066.60	9"	6¼"	19½"
4"	4½"	FMGV40F45F	2071.40	9"	6½"	19½"
4"	5"	FMGV40F50F	2193.45	9"	7¾"	19½"
4"	6"	FMGV40F60F	2199.85	9"	7¾"	19½"
4½"	4"	FMGV45F40F	2107.05	9"	7¾"	19½"
4½"	4½"	FMGV45F45F	2110.55	9"	7¾"	19½"
4½"	5"	FMGV45F50F	2232.85	9"	7¾"	19½"
4½"	6"	FMGV45F60F	2238.20	9"	7¾"	19½"
5"	4"	FMGV50F40F	2068.95	9"	7¾"	19½"
5"	4½"	FMGV50F45F	2073.75	9"	7¾"	19½"
5"	5"	FMGV50F50F	2195.80	9"	7¾"	19½"
5"	6"	FMGV50F60F	2202.20	9"	7¾"	19½"
6"	6"	FMGV60F60F	2266.80	9"	7¾"	19½"

- all measurements include handles

Storz x 30° Female Swivel



Inlet Storz	Outlet Female NST Swivel	Part #	Price	Length	Width	Height
4"	4"	FSGVR30-440F	\$2678.55	9"	6"	19½"
4"	4½"	FSGVR30-445F	2683.35	9"	6½"	19½"
4"	5"	FSGVR30-450F	2807.90	9"	7"	19½"
4"	6"	FSGVR30-460F	2811.80	9"	8"	19½"
5"	4"	FSGVR30-540F	2804.20	9"	6"	19½"
5"	4½"	FSGVR30-545F	2808.70	9"	6½"	19½"
5"	5"	FSGVR30-550F	2932.05	9"	7"	19½"
5"	6"	FSGVR30-560F	2937.15	9"	8"	19½"

- all measurements include handles
- order without "R" to purchase without a relief valve, consult Dixon™ for pricing



with pressure relief valve

Replacement Parts



GV-HDWHL

Description	Part #	Price
handwheel and knob	GV-HDWHL	\$154.55
knob only	GV-KNOB	61.85

Dixon™ Large Diameter (LDH) Gate Valves

Female x Male 30° Swivel

Female	Male	Part #	Price	Length	Width	Height
4"	4"	FMGV30-40F40F	\$2118.20	10"	6"	19½"
4"	4½"	FMGV30-40F45F	2056.30	10"	6½"	19½"
4"	5"	FMGV30-40F50F	2245.00	10"	7"	19½"
4"	6"	FMGV30-40F60F	2056.30	10"	8"	19½"
4½"	4"	FMGV30-45F40F	2093.20	10"	6"	19½"
4½"	4½"	FMGV30-45F45F	2163.40	10"	6½"	19½"
4½"	5"	FMGV30-45F50F	2284.15	10"	7"	19½"
4½"	6"	FMGV30-45F60F	2287.15	10"	8"	19½"
5"	4"	FMGV30-50F40F	2249.95	10"	6"	19½"
5"	4½"	FMGV30-50F45F	2249.95	10"	6½"	19½"
5"	5"	FMGV30-50F50F	2247.35	10"	7"	19½"
5"	6"	FMGV30-50F60F	2250.35	10"	7½"	19½"
6"	6"	FMGV30-60F60F	2319.95	10"	8"	19½"

- Note: all measurements include handles
- add "R" to above part number if pressure relief valve required - e.g. FMGVR30



Dixon™ Direct Mount Relief Valves

Feature:

- 0-200 PSI pressure relief valve

Description	Part #	Price
pressure relief valve only	RV250	\$508.20
pressure relief valve with 2½" male thread	MRV250	687.75
pressure relief valve with 2½" female swivel thread	FRV250	761.25



Dixon™ Hydrant Boosters

Application:

- can be used as a hydrant booster or for inline pumping

Features:

- maximum operating pressure: **280 PSI** at 70°F (21°C) without relief valve
- 4½" minimum waterway
- finish anodized throughout - minimum thickness 0.001"
- Initially the valve is connected to the hydrant and water can be pumped directly from the hydrant to the fire. If pressure is low, the valve can have a second pumper connected to it without interrupting flow, a third position allows emergency shut-down.

Storz	Female NST Swivel	Alum. Alloy, 356-T6 Part #	Price	Length	Width	Height
(3) 4" Storz	4½"	FSHV445F	\$3817.80	13½"	19½"	12¾"
(3) 4" Storz	5"	FSHV450F	3817.80	13½"	19½"	12¾"
(3) 5" Storz	4½"	FSHV545F	3817.80	13½"	19½"	12¾"
(3) 5" Storz	5"	FSHV550F	3817.80	13½"	19½"	12¾"

- all measurements include handles



P

Dixon™ Piston Intake Relief Valves

Features:

- standard with a 30° elbow (permitting smoother water flow), adjustable relief valve, retractable knob on hand wheel and air bleed off
- permits safe controlled flow to the intake pump and can also be used to draft
- available with Storz or threaded combination
- 9 easy turns open and close the valve
- without relief valve **280 PSI** at 70°F (21°C), without relief valve
- 4½" minimum waterway
- finish anodized throughout - minimum thickness 0.001"
- relief valve - double spring, cartridge type, adjustable from **50 to 200 PSI**



Storz	Female Swivel NST (NH)	Alum. Alloy, 356-T6 Part #	Price	Length	Width	Height
4"	4"	FSGR440F	\$3951.85	12"	8"	17"
4"	4½"	FSGR445F	3951.85	12"	8"	17"
4"	5"	FSGR450F	3951.85	12"	8"	17"
4"	6"	FSGR460F	3951.85	12"	8"	17"
5"	4"	FSGR540F	3951.85	12"	8"	17"
5"	4½"	FSGR545F	3951.85	12"	8"	17"
5"	5"	FSGR550F	3951.85	12"	8"	17"
5"	6"	FSGR560F	3951.85	12"	8"	17"



Male NST (NH)	(2)Female NST (NH) Swivel	Alum. Alloy, 356-T6 Part #	Price	Length	Width	Height
4"	4"	FMGR40F40F	\$3951.85	12"	8"	17"
4"	4½"	FMGR40F45F	2863.65	12"	8"	17"
4"	5"	FMGR40F50F	2863.65	12"	8"	17"
4"	6"	FMGR40F60F	3951.85	12"	8"	17"
4½"	4"	FMGR45F40F	3951.85	12"	8"	17"
4½"	4½"	FMGR45F45F	3951.85	12"	8"	17"
4½"	5"	FMGR45F50F	2863.65	12"	8"	17"
4½"	6"	FMGR45F60F	3951.85	12"	8"	17"
5"	4"	FMGR50F40F	2978.20	12"	8"	17"
5"	4½"	FMGR50F45F	2978.20	12"	8"	17"
5"	5"	FMGR50F50F	3951.85	12"	8"	17"
5"	6"	FMGR50F60F	3951.85	12"	8"	17"
6"	6"	FMGR60F60F	3951.85	12"	8"	17"

- all measurements include handles

Replacement Parts



PV-HDWHL

Description	Part #	Price
handwheel and knob	PV-HDWHL	\$255.00
knob only	PV-KNOB	177.75

P

Dixon™ 2-Way Ball Valves

Features:

- valve feeds two smaller attack lines from one large diameter supply line, 2½" outlet is a gated ball valve providing a safe controlled flow of water
- compact valve comes standard with a carrying handle
- maximum operating pressure: **280 PSI** at 70°F (21°C), without relief valve
- water way: inlet side - 4½" maximum, 2 outlets - 2½" maximum
- finish anodized throughout - minimum thickness 0.001"
- available with Storz or threaded combinations
- can be used to distribute water in the opposite direction

Inlet Storz	Outlet Male	Alum. Alloy, 356-T6 Part #	Price	Length	Width	Height
2½"	2½"	MSBV2525F	\$1918.55	9"	8"	7"
3"	2½"	MSBV325F	1871.25	9"	8½"	7"
4"	2½"	MSBV425F	1718.20	12"	9¾"	9"
5"	2½"	MSBV525F	1837.80	12½"	9¾"	9"
6"	2½"	MSBV625F	2061.85	12½"	10¼"	9"

Storz Inlet with (2) Outlets

Inlet Storz	(2) Outlet Storz	Alum. Alloy, 356-T6 Part #	Price	Length	Width	Height
2½"	2½"	SBV2525	\$1888.45	9"	8"	7"
3"	2½"	SBV325	1872.65	9"	8½"	7"
4"	2½"	SBV425	1858.10	12"	9¾"	9"
5"	2½"	SBV525	1983.50	12½"	12"	9"
6"	2½"	SBV625	1726.50	12½"	12"	9"

Inlet Storz	(2) Outlet Female	Alum. Alloy, 356-T6 Part #	Price	Length	Width	Height
2½"	2½"	FSBV2525F	\$1986.95	9"	8"	7"
3"	2½"	FSBV325F	1971.20	9"	8½"	7"
4"	2½"	FSBV425F	1922.50	12"	11½"	9"
5"	2½"	FSBV525F	2047.85	12½"	11½"	9"
6"	2½"	FSBV625F	1756.65	12½"	12"	9"

- all measurements include handles



Dixon™ 2-Way Ball Valves

Female Swivel Inlet with (2) Male Outlets



1 1/2"



2 1/2"



3" - 6"

Inlet Female Swivel	(2) Outlet Male	Part #	Price
1 1/2"	1 1/2"	FMBV15F15F	\$401.20
1 1/2"	1 1/2"	FMBV15S15S	401.20
2 1/2"	1 1/2"	FMBV25F15F	628.15
2 1/2"	2 1/2"	FMBV25F25F	1699.00
3"	2 1/2"	FMBV30F25F	1871.60
4"	2 1/2"	FMBV40F25F	1971.10
4 1/2"	2 1/2"	FMBV45F25F	2164.85
5"	2 1/2"	FMBV50F25F	1541.40
6"	2 1/2"	FMBV60F25F	1586.55

Forestry Grade Aluminum 1/4 Turn Ball Type Wye Valves



2 1/2"

Features:

- materials: swivel inlet and anodized body, hard-coated threads
- built to United States Forest Service specifications
- 1 1/2" maximum operating pressure: **600 PSI** (water/AFFF only) at 70°F (21°C)
- 2 1/2" maximum operating pressure: **400 PSI** (water/AFFF only) at 70°F (21°C)

Inlet Female Thread	(2) Outlets Male Thread	Cast Aluminum Part #	Price
1 1/2" NST (NH)	1 1/2" NST (NH)	FWV15F15F	\$763.80
1 1/2" NPSH	1 1/2" NPSH	FWV15S15S	763.80
2 1/2" NST (NH)	1 1/2" NST (NH)	FWV25F15F	763.65
2 1/2" NST (NH)	2 1/2" NST (NH)	FWV25F25F	2041.25

P

Plain Wye with Rocker Lugs



Features:

- divides one stream into two
- female swivel, two male outlets

Inlet Female Swivel	(2) Outlets Male Thread	Aluminum Part #	Price
1 1/2" NST (NH)	1" NPSH	ARPW15F10S	\$474.55
1 1/2" NPSH	1" NPSH	ARPW15S10S	474.55
2 1/2" NST (NH)	1 1/2" NST (NH)	ARPW25F15F	486.85
2 1/2" NST (NH)	2 1/2" NST (NH)	ARPW25F25F	522.10

Dixon™ 3-Way Ball Valves

Features:

- Valve will feed three smaller attack lines from one large diameter supply line. The three 2½" outlets are gated ball valves resulting in a safe controlled flow of water.
- equipped with an adjustable relief valve or can be capped off if a relief is not needed
- comes standard with a carrying handle
- maximum operating pressure: **280 PSI** at 70°F (21°C), without relief valve
- water way: inlet side - 4½" maximum, 3 outlets - 2½" maximum
- material: *high strength aluminum alloy, 356-T6*
- finish anodized throughout - minimum thickness 0.001"
- relief valve - double spring, cartridge type, adjustable from 50 to 200 PSI
- available with Storz fittings, male or female threads

Inlet Storz	(3) Outlets	Part #	Price	Length	Width	Height
4"	2½" Male	MSBVR3-425F	\$3060.60	16¼"	17"	11"
5"	2½" Male	MSBVR3-525F	3088.65	16¼"	17"	11"
6"	2½" Male	MSBVR3-625F	3342.95	16¼"	17"	11"
4"	2½" Female	FSBVR3-425F	3150.00	16¼"	17"	11"
5"	2½" Female	FSBVR3-525F	3150.00	16¼"	17"	11"
6"	2½" Female	FSBVR3-625F	3150.00	16¼"	17"	11"

- all measurements include handles



Dixon™ Jumbo Ball Valves

Features:

- Valve feeds multiple large diameter lines with one large diameter line. Two large gated outlets help control the flow of water and provide easy shutdown.
- equipped with a relief valve
- available with Storz fittings or threaded combinations
- up to **280 PSI** working pressure without relief valve at 70°F (21°C)
- water way: inlet side - 4½" maximum, 2 outlets - 2½" maximum
- material: *high strength aluminum alloy, 356-T6*
- finish anodized throughout - minimum thickness 0.001"
- relief valve - double spring, cartridge type, adjustable from 50 to 200 PSI

Inlet Storz	(2) Outlets Storz	Part #	Price	Length	Width	Height
4"	4"	SJBV440	\$7443.20	19½"	18"	11"
5"	4"	SJBV540	6999.70	19½"	18"	11"
5"	5"	SJBV550	7106.55	19½"	18"	11"



Dixon™ 5-Way Manifolds

Features:

- can be used to supply multiple attack lines with one large diameter line
- compact unit contains one large gated outlet, four 2½" gated outlets, pressure gauge, adjustable relief valve, and carrying handle built into the body
- maximum operating pressure: **280 PSI** at 70°F (21°C), without relief valve
- water way: inlet side - 4½" maximum, 1 outlet - 4½" maximum, 4 outlets - 2½" maximum
- finish anodized throughout: minimum thickness 0.001"
- pressure gauge: glycerine filled, PSI/KPA readings
- relief valve: double spring, cartridge type, adjustable from 50 to 200 PSI
- available with Storz fittings, male or female threads

Inlet Storz	(1) Outlet Storz	(4) Outlets Gated	Alum. Alloy, 356-T6 Part #	Price	Length	Width	Height
4"	4"	2½"	MSMG425F	\$6478.10	21"	25"	12½"
5"	5"	2½"	MSMG525F	6419.30	21"	25"	12½"
6"	6"	2½"	MSMG625F	6928.00	21"	25"	12½"

- all measurements include handles



Dixon™ **Butterfly Valves****Butterfly Valves - Storz x Female Swivel****Features:**

- permits safe controlled flow to the intake pump, can be used for draft situations
- pressure range: **150-300 PSI** working pressure at 70°F (21°C)
- water way: 4½", 5", and 6" maximum
- materials: body-ASTN A-126 cast iron, wafer-lightweight aluminum cast 356-T6, , seat - Buna
- ¾" push-pull drain valve
- standard 10-position locking style lever
- finish anodized cast aluminum bolt flanges - minimum thickness 0.001"
- lever handle to center valve is 10¼"
- can be used in either direction e.g. inlet/outlet



Storz	Female NST (NH) Swivel	Part #	Price	Length	Width	Height
4"	4"	SFBTFLY4040F	\$3234.80	9½"	11"	18"
4"	4½"	SFBTFLY4045F	3055.40	9½"	11"	18"
4"	5"	SFBTFLY4050F	3109.35	9½"	11"	18"
4"	6"	SFBTFLY4060F	2980.70	9½"	11"	18"
5"	4"	SFBTFLY5040F	3115.00	9½"	11"	18"
5"	4½"	SFBTFLY5045F	2945.00	9½"	11"	18"
5"	5"	SFBTFLY5050F	2997.10	9½"	11"	18"
5"	6"	SFBTFLY5060F	2868.50	9½"	11"	18"
6"	4"	SFBTFLY6040F	2958.70	9½"	13"	18"
6"	4½"	SFBTFLY6045F	2958.70	9½"	13"	18"
6"	5"	SFBTFLY6050F	2958.70	9½"	13"	18"
6"	6"	SFBTFLY6060F	3016.40	9½"	13"	18"

L/H Butterfly Valves - Male x Female Swivel**Features:**

- permits safe controlled flow to the intake pump, can be used for draft situations
- standard 10 position lever handle
- ¾" push-pull drain valve standard
- pressure range: **150-300 PSI** at 70°F (21°C)
- water way: 4½", 5", and 6" maximum
- seat: *Buna*
- finish: anodized cast aluminum bolt flanges (minimum thickness 0.001")
- lever handle to center valve is 10¼", unit can be used in either direction e.g. inlet/outlet



Male NST (NH)	Female NST (NH) Swivel	ASTN A-126 Cast Iron Part #	Price	Length	Width	Height
4"	4"	FMBTFLY40F40F	\$1920.50	9½"	11"	18"
4"	4½"	FMBTFLY40F45F	1920.50	9½"	11"	18"
4"	5"	FMBTFLY40F50F	2164.95	9½"	11"	18"
4"	6"	FMBTFLY40F60F	2839.05	9½"	11"	18"
4½"	4"	FMBTFLY45F40F	2549.80	9½"	11"	18"
4½"	4½"	FMBTFLY45F45F	2561.65	9½"	11"	18"
4½"	5"	FMBTFLY45F50F	2164.95	9½"	11"	18"
4½"	6"	FMBTFLY45F60F	2164.95	9½"	11"	18"
5"	4"	FMBTFLY50F40F	2549.80	9½"	11"	18"
5"	4½"	FMBTFLY50F45F	2809.40	9½"	11"	18"
5"	5"	FMBTFLY50F50F	2879.35	9½"	11"	18"
5"	6"	FMBTFLY50F60F	2731.05	9½"	11"	18"
6"	6"	FMBTFLY60F60F	2552.15	9½"	13"	18"

P

Dixon™ 2-Way Siamese

Features:

- used to supply large diameter hose from two smaller lines, can also be used to distribute water in the opposite direction
- standard with clapper (removable), swivel Storz connection and (2) 2½" female swivels
- hard coat anodized
- maximum operating pressure: **280 PSI** working pressure at 70°F (21°C), without relief valve
- water way: 2 inlet side - 2½" maximum, 1 outlet - 4½" maximum
- finish anodized throughout - minimum thickness 0.001"
- FSSV - siamese with clappers
MSSV - wyes without clappers
SSV - customer to specify if clappered or not

Outlet Storz	(2) Inlet	Alum. Alloy, 356-T6 Part #	Price	Length	Width	Height
4"	2½" fem. swivel	FSSV425F	\$945.00	9½"	9¼"	6"
5"	2½" fem. swivel	FSSV525F	1276.85	10"	9"	7½"
6"	2½" fem. swivel	FSSV625F	1097.25	10"	9"	8"
4"	2½" male	MSSV425F	861.10	9¼"	8"	6"
5"	2½" male	MSSV525F	1029.50	9½"	8"	7½"
6"	2½" male	MSSV625F	916.40	9½"	8"	8"
4"	2½" Storz	SSV425	1082.00	8¾"	9½"	6"
5"	2½" Storz	SSV525	1019.50	9½"	9½"	7½"
6"	2½" Storz	SSV625	1059.55	10¼"	9½"	9"



Dixon™ 3-Way Siamese

Features:

- used to supply large diameter hose from multiple smaller lines, can be used to distribute water in the opposite direction
- lightweight, compact
- convenient carrying handle built on the body
- maximum operating pressure: **280 PSI** at 70°F (21°C), without relief valve
- water way: 3 inlet side - 2½" maximum, 1 outlet 4½" maximum
- finish anodized throughout (minimum thickness 0.001")
- available with Storz connections or threaded combinations
- FSSV - siamese with clappers
MSSV - wyes without clappers
SSV - customer to specify if clappered or not

Outlet Storz	(3) Inlets	Alum. Alloy, 356-T6 Part #	Price	Length	Width	Height
4"	2½" fem. swivel	FSSV3-425F	\$1719.10	12½"	13¾"	7½"
5"	2½" fem. swivel	FSSV3-525F	1520.20	12½"	13¾"	8"
6"	2½" fem. swivel	FSSV3-625F	1667.80	12½"	13¾"	8"
4"	2½" Male	MSSV3-425F	1513.60	11¾"	13¼"	7½"
5"	2½" Male	MSSV3-525F	1295.25	11¾"	13¼"	8"
6"	2½" Male	MSSV3-625F	1675.80	11¾"	13¼"	8"
4"	2½" Storz	SSV3-425	1505.35	11½"	13¾"	7½"
5"	2½" Storz	SSV3-525	1452.35	11½"	13¾"	8"
6"	2½" Storz	SSV3-625	1730.40	11½"	13¾"	8½"



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Dixon™ 4-Way Siamese

Features:

- used to supply large diameter hose from multiple smaller lines, can be used to distribute water in the opposite direction
- lightweight and compact
- convenient carrying handle built on the body
- maximum operating pressure: **280 PSI** at 70°F (21°C), without relief valve
- water way: 4 inlet side - 2½" maximum, 1 outlet - 4½" maximum
- finish anodized throughout (minimum thickness 0.001")
- FSSV - siamese with clappers
MSSV - wyes without clappers
SSV - customer to specify if clappered or not



Outlet Storz	(4) Inlets	Alum. Alloy, 356-T6 Part #	Price	Length	Width	Height
4"	2½" fem. swivel	FSSV4-425F	\$2417.40	13½"	18"	7½"
5"	2½" fem. swivel	FSSV4-525F	2391.10	13½"	18"	8"
6"	2½" fem. swivel	FSSV4-625F	2250.20	13½"	18"	8"
4"	2½" male	MSSV4-425F	2222.10	12¾"	16¾"	7½"
5"	2½" male	MSSV4-525F	2109.90	12¾"	16¾"	8"
6"	2½" male	MSSV4-625F	2317.25	12¾"	16¾"	8"
4"	2½" Storz	SSV4-425	2050.40	12½"	17¼"	7½"
5"	2½" Storz	SSV4-525	2000.80	12½"	17¼"	8"
6"	2½" Storz	SSV4-625	2278.95	12½"	17¼"	8½"

Dixon™ Jumbo Siamese

Features:

- used to supply one large diameter hose from two large diameter hose lines, can be used to distribute water in the opposite direction
- hard coat anodized throughout
- maximum operating pressure: **280 PSI** at 70°F (21°C), without relief valve
- water way: 2 inlet side - 4" maximum, 1 outlet - 4½" maximum
- finish anodized throughout (minimum thickness 0.001")



Outlet Storz	(2) Inlets Storz	Alum. Alloy, 356-T6 Part #	Price	Length	Width	Height
4"	4"	SSVJ440	\$2400.35	12½"	13¼"	6½"
5"	4"	SSVJ540	2400.35	12¾"	13¼"	8"
5"	5"	SSVJ550	2400.35	13¾"	13¼"	8"

Single Inlet Residential Sprinkler Connections

Application:

- complete single inlet connection (exposed type) used on residential automatic sprinkler systems

Features:

- complete unit consists of: (1) 17-127 1½" pin lug plug with chain and (1) 24-209 4-7/16" OD round escutcheon plate with swivel



Inlet Female NST (NH)	Outlet Female NPT	Cast Brass Part #	Price
1½"	1½"	RIC150F	\$77.70

Single Inlet Connections

Features:

- provides a complete exposed single inlet connection
- finish: -P polished or -C polished chrome plated
- complete unit consists of: (1) 24-209 round plate branded 'Standpipe' or 'Auto-Sprk', (1) 23-270 double female or 09-215 male and female connection, (1) 17-127 pin lug plug with chain
- rigid hexagon end of either connection is 2½" NPT
- swivel end



Inlet Female NST (NH)	Outlet Female NPT	Cast Brass Part #	Price
2½"	2½"	SIC250F	\$256.00
2½"	2½"	SIC250F-P	268.30
2½"	2½"	SIC250F-C	327.85

Single Hydrant Connections

Features:

- finish: -P polished or -C polished chrome plated
- complete unit consists of: (1) 24-209 round plate branded 'Wall Hydrant', (1) 23-272: 2½" female and male connection, (1) 17-126 cap with chain



Inlet Female NPT	Outlet Male NST (NH)	Cast Brass Part #	Price
2½"	2½"	MOCA250F	\$272.00
2½"	2½"	MOCA250F-P	350.00
2½"	2½"	MOCA250F-C	472.40

P

Exposed Two Way Wall Hydrant

Features:

- finish: -P polished or -C polished chrome plated
- DMOCA40225F consists of: (1) REP400HY round plate branded 'Wall Hydrant', (1) FRC4025F: 2½" female and male connection, (2) FC250F cap with chain
- DMOCA60225F consists of: (1) REP600HY round plate branded 'Wall Hydrant', (1) FRC6025F: 2½" female and male connection, (2) FC250F cap with chain



Inlet Female NPT	(2) Outlets Male NST (NH)	Cast Brass Part #	Price
4"	2½"	DMOCA40225F	\$494.40
4"	2½"	DMOCA40225F-P	569.10
4"	2½"	DMOCA40225F-C NEW	589.25
6"	2½"	DMOCA60225F	864.50
6"	2½"	DMOCA60225F-P	980.40
6"	2½"	DMOCA60225F-C NEW	1080.25

Single Clapper Siamese Connections

Features:

- single swing clapper with (2) pin lug swivel inlets
- provides 500 GPM minimum to supplement the fire protection as an auxiliary inlet connection to the water supply (250 GPM minimum per inlet)
- design provides unobstructed waterway
- exposed Fire Department Connections (FDC) provide an economical method of satisfying local fire codes
- branding: Auto-Sprk
- finishes: -P polished or -C polished chrome plated
- maximum operating pressure: **250 PSI** at 70°F (21°C)
- replacement swivels can be ordered on page 581



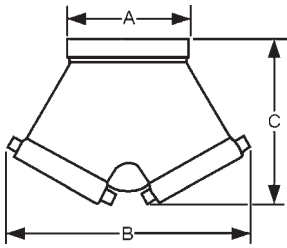
Feature:

- U/L listed and FM approved

Outlet Female NPT	(2) Inlets Female	Cast Brass Part #	Price
4"	2½" NST (NH)	SCS4025F	\$539.25
4"	2½" NYFD	SCS4025NYFD	595.90
4"	2½" NST (NH)	ISCS4025F ¹	224.25

¹ imported

Dimensions



Size	A	B	C
4" x 2½" x 2½"	5⅞"	9"	6-1/16"

- dimensions match SCS4025F and SCS4025NYFD



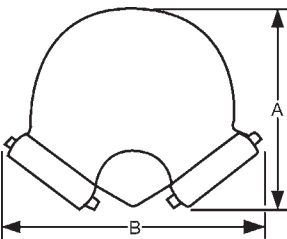
Feature:

- U/L listed

Outlet Female NPT	(2) Inlets Female	Cast Brass Part #	Price
4"	2½" NST (NH)	90SCS4025F	\$603.05
4"	2½" NYFD	90SCS4025NYFD	719.95
4"	2½" NST (NH)	90ISCS4025F ¹	239.40

¹ imported

Dimensions



Size	A	B
4" x 2½" x 2½"	6⅞"	9⅞"

- dimensions match 90SCS4025F, and 90SCS4025NYFD

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Double Clapper Siamese Connections



Features:

- double drop clapper with (2) pin lug swivel inlets provides required 500 GPM minimum to supplement the fire protection as an auxiliary inlet connection to the water supply (250 GPM minimum per inlet)
- exposed Fire Department Connections (FDC) provide an economical method of satisfying local fire codes
- maximum operating pressure: **175 PSI** at 70°F (21°C)
- finish: -P polished or -C polished chrome plated
- U/L listed and FM approved

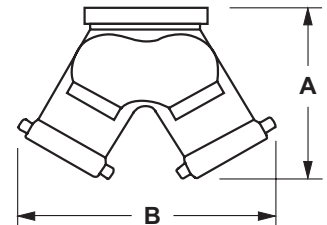
back outlet

Outlet Female NPT	(2) Inlets Female	Branding	Cast Brass Part #	Price
4"	2½" NST(NH)	AutoSprinkler	DCS4025F	\$855.70
		AutoSprinkler	DCS4025F-P	969.70
		AutoSprinkler	DCS4025F-C	1036.40
		StandPipe	DCS4025F-SP	855.70
		No Branding	DCS4025F-NB	855.70
4"	3" NST(NH)	AutoSprinkler	DCS4030F	878.80
	3" NST(NH)	AutoSprinkler	DCS4030NYFD	878.80
6"	2½" NYFD	AutoSprinkler	DCS6025F	1018.50
	2½" NST(NH)	StandPipe	DCS6025F-SP	1018.50



Dimensions

Size	A	B
4" x 2½" x 2½"	9⅝"	12¼"
6" x 2½" x 2½"	10¼"	11¾"
4" x 3" x 3"	10"	12½"
6" x 3" x 3"	10⅜"	12½"



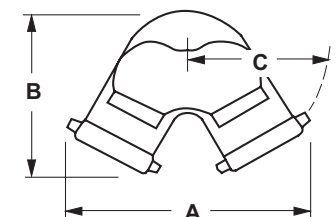
bottom outlet

Outlet Female NPT	(2) Inlets Female	Branding	Cast Brass Part #	Price
4"	2½" NST(NH)	AutoSprinkler	90DCS4025F	\$847.10
		AutoSprinkler	90DCS4025F-P	968.35
		AutoSprinkler	90DCS4025F-C	998.65
		StandPipe	90DCS4025F-SP	847.10
		No Branding	90DCS4025F-NB	847.10
4"	3" NST(NH)	AutoSprinkler	90DCS4030F	940.00
	3" NYFD	AutoSprinkler	90DCS4030NYFD	940.00
		StandPipe	90DCS4030NYFDSP	940.00
6"	2½" NST(NH)	AutoSprinkler	90DCS6025F	892.20
		StandPipe	90DCS6025F-SP	892.20
	3" NYFD	AutoSprinkler	90DCS6030NYFD	2072.35



Dimensions

Size	A	B	C
4" x 2½" x 2½"	11¾"	9⅝"	7¼"
6" x 2½" x 2½"	11¾"	10¾"	7¼"
4" x 3" x 3"	12½"	10⅞"	7½"
6" x 3" x 3"	12¼"	10⅞"	7¼"



- special threads, branding and finishes are available, consult Dixon™ for information
- replacement swivels can be ordered on page 581

Triple Clapper Siamese Connections

Features:

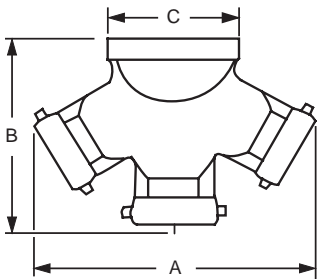
- branding: see below
- finishes: -P polished or -C polished chrome plated
- maximum operating pressure: **175 PSI** at 70°F (21°C)

back outlet



Outlet Female NPT	(3) Inlets Female NST (NH)	Branding	Cast Brass Part #	Price
4"	2½"	AutoSprinkler	TCS4025F	\$1833.40
		StandPipe	TCS4025F-SP	1833.40
		No Branding	TCS4025F-NB	1833.40
6"	2½"	AutoSprinkler	TCS6025F	2433.85
		StandPipe	TCS6025F-SP	2433.10
		No Branding	TCS6025F-NB	2176.00

Dimensions



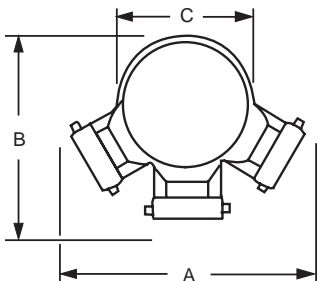
Size	A	B	C
4" x 2½" x 2½" x 2½"	13¾"	10½"	5"
6" x 2½" x 2½" x 2½"	13¾"	10½"	7½"

bottom outlet



Outlet Female NPT	(3) Inlets Female NST (NH)	Branding	Cast Brass Part #	Price
4"	2½"	AutoSprinkler	90TCS4025F	\$2927.95
		No Branding	90TCS4025F-NB	2919.50
6"	2½"	AutoSprinkler	90TCS6025F	2788.65
		No Branding	90TCS6025F-NB	2918.85

Dimensions



Size	A	B	C
4" x 2½" x 2½" x 2½"	14½"	11½"	7⅝"
6" x 2½" x 2½" x 2½"	14½"	11½"	7⅝"

- special threads, branding and finishes are available, consult Dixon™ for information
- replacement swivels can be ordered on page 581

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Double Clapper Concealed Type Siamese Assemblies

Features:

- fully reversible with a perpendicular trunnion allowing one body to be installed for top and bottom connections
- branded: 'standpipe', 'auto-sprkr', 'auto-sprkr.-standpipe'
- **-P** polished
- **-C** polished chrome plated
- finishes: cast, polished or polished chrome
- maximum operating pressure: **250 PSI**
- complete unit consisting of the following six parts: (1) 4025REV90, or 4030REV90, or 90CREV6025, (1) 24-385 plate, (2) 23-270 double female connections, (2) 17-127 plugs with chains

Outlet Female NPT	(2) Inlets Female NST (NH)	Branding	Cast Brass Part #	Price
4"	2½"	AutoSprinkler	2WCA4025F-P	\$1299.00
4"	2½"	StandPipe	2WCA4025F-SP-P	1299.00
4"	2½"	AutoSprinkler	2WCA4025F-C	1389.00
4"	2½"	StandPipe	2WCA4025F-SP-C	1389.00
4"	3"	AutoSprinkler	2WCA4030F-P	1780.00
6"	2½"	AutoSprinkler	2WCA6025F-P	1826.00
6"	2½"	StandPipe	2WCA6025F-SP-P	1826.00
6"	2½"	AutoSprinkler	2WCA6025F-C	1916.00
6"	2½"	StandPipe	2WCA6025F-SP-C	1916.00

- other branding and finishes are also available, consult Dixon™ for information



Two Way Sidewalk Siamese Assembly

Features:

- U/L listed, FM approved
- **-P** polished
- **-C** polished chrome plated
- complete unit consists of: (1) 21-133 90° Siamese body, double clapper, (2) 17-127 pin lug plugs with chains, (1) 23-404 sleeve, (1) 24-405 escutcheon plate

Outlet Female NPT	(2) Inlets Female NST (NH)	Cast Brass Part #	Price
4"	2½"	2WSA4025F	\$1467.30
4"	2½"	2WSA4025F-P	POR
4"	2½"	2WSA4025F-C	POR
4"	2½"	2WSA4025F-SP	1467.30
4"	2½"	2WSA4025F-SP-P	POR
4"	2½"	2WSA4025F-SP-C	POR
6"	2½"	2WSA6025F	1664.85
6"	2½"	2WSA6025F-P	POR
6"	2½"	2WSA6025F-C	POR
6"	2½"	2WSA6025F-SP	1664.85
6"	2½"	2WSA6025F-SP-P	POR
6"	2½"	2WSA6025F-SP-C	POR

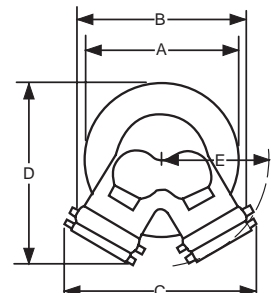


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Dimensions

Size	A	B	C	E	F
4" x 2½" x 2½"	9¼"	10⅜"	10¾"	10⅜"	6⅝"
6" x 2½" x 2½"	11¼"	10½"	11¾"	13"	7¼"

Note: some components UL listed/FM approved, not entire assembly



UL Two Way Male Outlet - Roof Connections

Features:

- Used to create roof connections, fire pump test connections, wall hydrants or sidewalk (free standing) hydrants
- provides 250 GPM minimum per outlet
- U/L listed
- maximum operating pressure: **175 PSI** at 70°F (21°C)
- other configurations are available, contact Dixon™ for additional information

back outlet

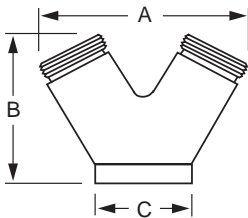


Pipe	(2) Outlets Male	Cast Brass Part #	Price
4"	2½" NPT	IRC4025	\$229.40
	2½" NPT	FRC4025	443.85
	NST (NH)	IRC4025F	229.40
	2½" NST (NH)	FRC4025F	No Match!
6"	2½" NPT	FRC6025	657.10
	2½" NST (NH)	FRC6025F	657.10
	2½" NYFD	FRC6025NYFD	690.00



Groove Size	(2) Outlets Male	Cast Brass Part #	Price
4"	2½" MNST	IRC4025GF	229.40

Dimensions



Size	A	B	C
4" x 2½" x 2½"	7-7/8"	5-3/16"	5-1/4"
6" x 2½" x 2½"	8-3/16"	6-3/8"	7-5/8"

Two Way Male Outlet - Roof Connections

Features:

- Used to create roof connections, fire pump test connections, wall hydrants or sidewalk (free standing) hydrants
- provides 250 GPM minimum per outlet
- U/L listed
- maximum operating pressure: **175 PSI** at 70°F (21°C)

90° bottom outlet

Pipe Size	(2) Outlets Male	Cast Brass Part #	Price
4"	2½" NPT	90IRC4025	\$269.95
	2½" NPT	90FRC4025	474.35
	2½" NST (NH)	90IRC4025F	269.95
	2½" NST (NH)	90FRC4025F	477.55
6"	2½" NPT	90FRC6025	656.30
	2½" NST (NH)	90FRC6025F	656.30

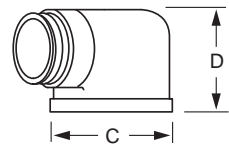
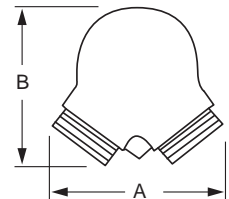


Groove Size	(2) Outlets Male	Cast Brass Part #	Price
4"	2½" MNPT	90IRC4025G	\$274.20
4"	2½" MNST	90IRC4025GF	274.20



Dimensions

Size	A	B	C	D
4" x 2½" x 2½"	7½"	6¾"	5⅝"	4½"
6" x 2½" x 2½"	9"	8½"	7½"	5"



Three Way Male Outlet - Roof Connections

Features:

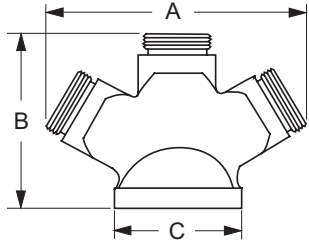
- used to create roof connections, or fire pump test connections
- provides 250 GPM minimum per outlet

back outlet



Pipe Size	(3) Outlets Male	Cast Brass Part #	Price
4"	2 1/2" NPT	FR3C4025	\$925.95
6"	2 1/2" NPT	FR3C6025	2072.55
	2 1/2" NST (NH)	FR3C6025F	2197.40

Dimensions



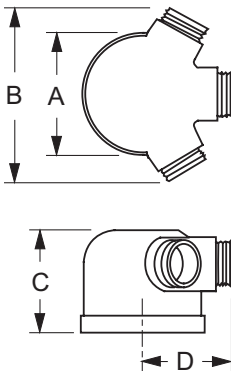
Size	A	B	C
4" x 2 1/2" x 2 1/2" x 2 1/2"	12 3/4"	8 3/4"	5 1/4"
6" x 2 1/2" x 2 1/2" x 2 1/2"	15 3/8"	9 3/4"	7 5/8"

bottom outlet



Pipe Size	(3) Outlets Male	Cast Brass Part #	Price
4"	2 1/2" NPT	90FR3C4025	\$2071.70
	2 1/2" NST (NH)	90FR3C4025F	2071.70
6"	2 1/2" NPT	90FR3C6025	1404.10
	2 1/2" NST (NH)	90FR3C6025F	1404.10

Dimensions



Size	A	B	C	D
4 x 2 1/2 x 2 1/2 x 2 1/2	7 3/4"	11 3/4"	4-7/16"	6 1/4"
6 x 2 1/2 x 2 1/2 x 2 1/2	7 3/4"	11 3/4"	4-7/16"	6 1/4"

P

Sleeve for Sidewalk (free standing) Connections

Features:

- used in conjunction with a sidewalk escutcheon and a 90° double clapper Siamese to create a sidewalk (free standing) fire department connection
- finishes: -P polished, -C polished chrome plated



Pipe Size	Length	Brass Part #	Price
4"	18"	SS418-P	\$589.95
	18"	SS418-C	652.95
	24"	SS424-P	538.40
	24"	SS424-C	630.00
6"	18"	SS618-P	589.95
	18"	SS618-C	813.30
	24"	SS624-P	893.50
	24"	SS624-C	1071.00



Rectangular Identification Plates

Feature:

- used to identify Fire Department Connections

Branding	Finish	Brass Part #	Price
AutoSprinkler	cast	RIDP412AS	\$131.75
	polish	RIDP412AS-P	204.15
	chrome	RIDP412AS-C	228.10
Standpipe	cast	RIDP412S	131.75
	polish	RIDP412S-P	204.15
	chrome	RIDP412S-C	228.10
Combination	cast	RIDP412ASSP	131.75
	polish	RIDP412ASSP-P	204.15
	chrome	RIDP412ASSP-C	228.10



Round Identification Plates

Features:

- used to trim out and identify exposed fire department connections
- for Siamese, made in 9 1/4" diameter for 4" pipe and 11 1/4" diameter for 6" pipe
- finishes: -P polished, -C polished chrome plated

Pipe Size	Branding	Cast Brass Part #	Price
2 1/2"	Auto-Sprinkler	REP250AS	\$90.45
	Auto-Sprinkler	REP250AS-P	132.95
	Auto-Sprinkler	REP250AS-C	183.30
	Wall Hydrant	REP250HY	90.45
	Pump Test	REP250PT	90.45
	Standpipe	REP250SP	90.45
	Standpipe	REP250SP-P	115.35
	Standpipe	REP250SP-C	162.70
4"	Auto-Sprinkler	AREP400AS ¹	30.50
	Auto-Sprinkler	REP400AS	181.80
	Auto-Sprinkler	REP400AS-P	209.30
	Auto-Sprinkler	REP400AS-C	268.55
	Wall Hydrant	REP400HY	181.80
	Standpipe	REP400SP	181.80
	Standpipe	REP400SP-P	210.95
	Standpipe	REP400SP-C	268.55
	Auto-Sprinkler & Standpipe	REP400AS/SP	210.95
6"	Auto-Sprinkler	REP600AS	231.40
	Auto-Sprinkler	REP600AS-P	246.85
	Auto-Sprinkler	REP600AS-C	320.75
	Standpipe	REP600SP	231.40
	Standpipe	REP600SP-P	287.95
	Standpipe	REP600SP-C	320.75

¹ aluminum



REP250AS-C



REP250AS-P



REP400AS



Dimensions

Size	OD	Hole Size
2 1/2"	7 5/8"	3 1/4"
4"	9 1/4"	4 5/8"
6"	11 1/4"	6 3/4"

UL Concealed Two Way Wall Hydrant Body

Application:

- connections supplement the fire protection water supply

Features:

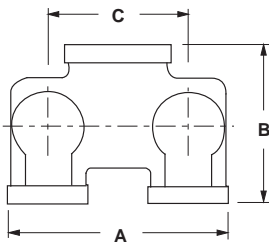
- provides 500 GPM minimums at 250 GPM per inlet (ref NFPA 14)
- drop clappers provide unobstructed waterway
- flush design is desirable when appearance is a factor
- U/L listed
- double clapper
- 7⁵/₈" center-line
- bodies require wall plate WP2 (24-385), see page 578

back outlet



Outlet Female NPT	(2) Inlets Female NPT	Brass Part #	Price
4"	2½"	CDMHCB40225	\$803.95
4"	3"	CDMHCB40230	1135.95
5"	3"	CDMHCB50230	2190.95
6"	2½"	CDMHCB60225	918.70
6"	3"	CDMHCB60230	2909.15

Dimensions



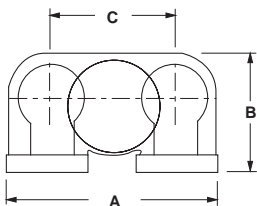
Size	A	B	C
4" x 2½" x 2½"	11-1/8"	6"	7 ⁵ / ₈ "
4" x 3" x 3"	12-1/4"	8-1/8"	7 ⁵ / ₈ "
5" x 3" x 3"	11-13/16"	7-5/16"	7 ⁵ / ₈ "
6" x 2½" x 2½"	11-1/8"	7-3/8"	7 ⁵ / ₈ "
6" x 3" x 3"	12-1/4"	8-1/4"	7 ⁵ / ₈ "

bottom outlet



Outlet Female NPT	(2) Inlets Female NPT	Brass Part #	Price
5"	3"	90CDMHCB50230	\$3276.20
6"	2½"	90CDMHCB60225	3089.10
6"	3"	90CDMHCB60230	3087.20

Dimensions



Size	A	B	C
5" x 3" x 3"	12"	9½"	7 ⁵ / ₈ "
6" x 2½" x 2½"	12"	7¼"	7 ⁵ / ₈ "
6" x 3" x 3"	12"	9½"	7 ⁵ / ₈ "

P

Reversible Concealed Angle Siamese Body

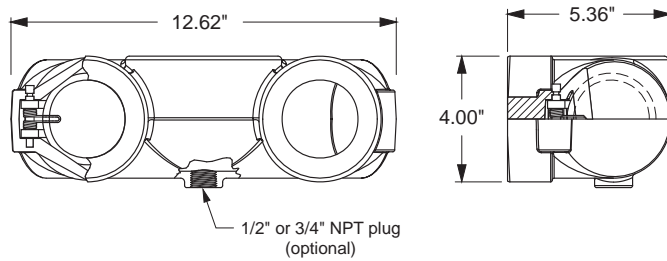
Features:

- design is fully reversible with a perpendicular trunnion allowing one body to be installed for top and bottom connections
- U/L listed
- approved by New York City Board of Standards and Appeals
- maximum operating pressure: **250 PSI** at 70°F (21°C)
- bodies require wall plate **WP2** see page 578

Outlet Female NPT	(2) Inlets Female NPT	Brass Part #	Price
4"	2½"	4025REV90	\$844.35
4"	3"	4030REV90	766.70



Dimensions



Reversible Concealed Angle Siamese Body

Features:

- design is fully reversible with a perpendicular trunnion allowing one body to be installed for top and bottom connections
- replaces 23-391 bodies
- maximum operating pressure: **250 PSI** at 70°F (21°C)

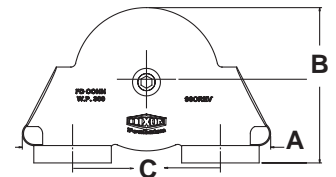
Outlet Female NPT	(2) Inlets Female NPT	Brass Part #	Price
5"	2½"	90CREV5025	\$1321.00
5"	3"	90CREV5030	1575.00
6"	2½"	90CREV6025	1321.00
6"	3"	90CREV6030	1321.00



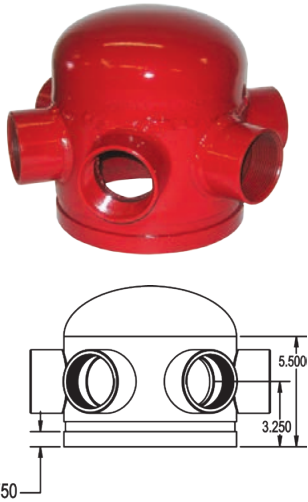
P

Dimensions

Size	A	B	C
5" x 3" x 3"	12"	9½"	7⅝"
6" x 2½" x 2½"	12"	7¼"	7⅝"
6" x 3" x 3"	12"	9½"	7⅝"



Pump Test Headers



Features:

- available connections: grooved, flanged and threaded
- certified D1, G1, G6
- other sizes, configurations available, consult Dixon™ for information

End Connection	End Size	# of Outlets	Pump Size Maximum GPM	Part #	Price	Wt. Lbs.
150# flanged	3"	1	300	HVF0301-25	\$454.35	15.0
150# flanged	4"	2	500	HVF0402-25	749.15	20.8
150# flanged	6"	3	750	HVF0603-25	1126.80	34.9
150# flanged	6"	4	1000	HVF0604-25	1263.50	35.9
150# flanged	6"	6	1000	HVF0606-25	1537.05	37.9
150# flanged	8"	6	2000	HVF0806-25	1966.25	57.8
grooved	6"	3	750	HVG0603-25	808.15	18.6
grooved	6"	4	1000	HVG0604-25	945.00	19.6
grooved	8"	3	750	HVG0803-25	1008.30	28.0
grooved	8"	6	2000	HVG0806-25	1453.80	30.9

Wall Plate for Double Clapper Siamese Assemblies

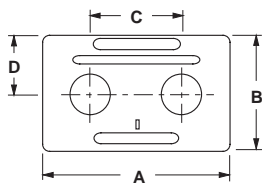
Features:

- finishes: -P polished, -C polished chrome plated
- 4-hole and 6-hole wall plates available, consult Dixon™ for information



Hole Size	Branding	Brass Part #	Price
3 3/8"	AutoSprinkler	WP2HAS-P	\$240.90
	AutoSprinkler	WP2HAS-C	287.15
3 3/8"	StandPipe	WP2HSP-P	240.90
	StandPipe	WP2HSP-C	287.15
3 3/8"	AutoSprinkler StandPipe Combo	WP2H-ASSP-P	240.90
	AutoSprinkler StandPipe Combo	WP2H-ASSP-C	287.15
3 3/8"	Hydrant	WP2H-HY-P	240.95
	Hydrant	WP2H-HY-C	287.15
3 3/8"	PumpTest	WP2H-PT-P	240.90
	PumpTest	WP2H-PT-C	287.15

Dimensions

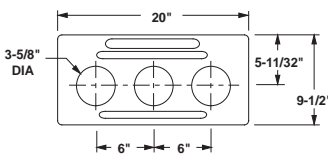


Hole Size	A	B	C	D
3-3/8"	14"	8"	7 5/8"	4-15/16"

Wall Plate for Concealed Three Way Bodies

Features:

- finishes: -P polished, -C polished chrome plated
- 4-hole and 6-hole wall plates available, consult Dixon™ for information



Hole Size	Positioned	Branding	Brass Part #	Price
3 5/8"	Horizontal	AutoSprinkler	WP3HAS-P	\$377.30
	Horizontal	AutoSprinkler	WP3HAS-C	446.10
3 5/8"	Horizontal	StandPipe	WP3HSP-P	377.30
	Horizontal	StandPipe	WP3HSP-C	446.10
3 5/8"	Horizontal	PumpTest	WP3HH-PT-P	377.30
	Horizontal	AutoSprinkler StandPipe Combo	WP3HH-ASSP-C	446.10
3 5/8"	Vertical	AutoSprinkler StandPipe Combo	WP3HV-ASSP-P	377.30
	Horizontal	PumpTest	WP3HH-PT-C	446.10
3 5/8"	Vertical	PumpTest	WP3HV-PT-P	377.30
	Vertical	PumpTest	WP3HV-PT-C	No Match!

Spring Check Type Snoots - Pin Lug

Features:

- finishes: -P polished, -C polished chrome plated
- other configurations are also available, consult Dixon™ for information
- maximum operating pressure: **175 PSI** at 70°F (21°C)

female outlet

Features:

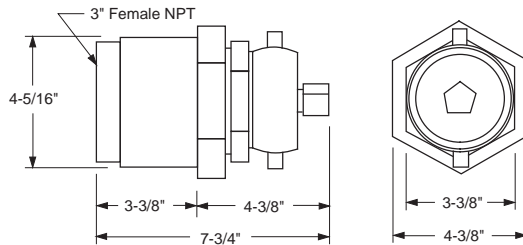
- female NPT rigid with hexagon by female hose thread to swivel
- connections are attached to the 25-416 or 25-417 bodies with pipe nipples (not included)

Outlet Female NPT	Inlet Female NST (NH)	Cast Brass Part #	Price
3"	2½"	CSSTF25F30T-P	\$448.30
3"	2½"	CSSTF25F30T-C	630.95
3"	3"	CSSTF30F30T-P	542.45



polished chrome plated

Dimensions



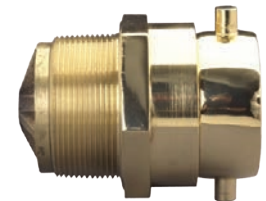
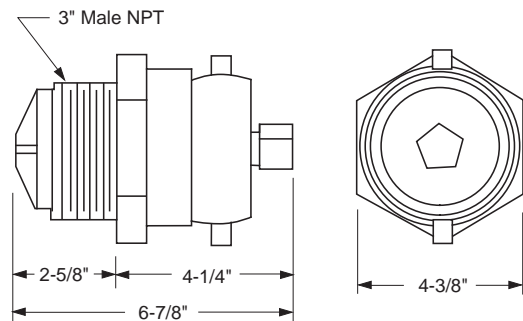
male outlet

Features:

- male NPT x 2½" female hose thread to swivel
- used when a direct connection to 25-416 or 25-417 bodies is desired

Outlet Male NPT	Inlet Female NST (NH)	Cast Brass Part #	Price
3"	2½"	CSSTM25F30T-P	\$527.20
3"	2½"	CSSTM25F30T-C	567.65

Dimensions



polished



- Under no circumstances should a 25-289 check snoot be installed directly into a pipe, as this may prevent the snoot from opening. Install directly into the appropriate standpipe body only.



UL Clapper Type Snoots - Pin Lug

Features:

- finishes: -P polished, -C polished chrome plated
- other sizes and threads are available, consult Dixon™ for information



polished

Outlet Female NPT	Inlet Female NST (NH)	Cast Brass Part #	Price
3"	2½"	CSCTF25F30T-P	\$270.05
3"	2½"	CSCTF25F30T-C	282.40



polished chrome plated

Outlet Male NPT	Inlet Female NST (NH)	Cast Brass Part #	Price
3"	2½"	CSCTM25F30T-P	\$270.05
3"	2½"	CSCTM25F30T-C	282.40

Single Male Outlet with Hex (open snoot)

Application:

- used to connect fire hose to a standpipe or sprinkler system

Features:

- finishes: -P polished, -C polished chrome plated
- other sizes and threads are available, consult Dixon™ for information
- other configurations are available, contact Dixon™ for information



polished

Female NPT	Male	Cast Brass Part #	Price
2½"	2½" NST (NH)	MOC250F-P	\$149.85
	2½" NST (NH)	MOC250F-C	170.00
3"	2½" NST (NH)	MOC3025F-P	204.55
	2½" NST (NH)	MOC3025F-C	219.70
	3" NST (NH)	MOC300F-P	174.75



polished chrome plated

Female NPT	Male Thread	Cast Brass Part #	Price
2½"	2½" NYC	MOC250NYC-P	\$149.85
2½"	2½" NYFD	MOC250NYFD-P	149.85

P

Brass Replacement Swivels and Accessories

Features:

- replacement brass swivels for Dixon™ fire department connections
- finish: -P polished, -C polished chrome plated
- swivel comes with gasket, set screw and ball bearings needed to install on FDC
- other configurations are available, contact Dixon™ for information

Size	Female Thread	Brass Part #	Price
2½"	NPSH (2.84x8)	PSNP250S	\$103.25
2½"	NST (NH) (3.07x7.5)	PSNP250NST	103.25
2½"	NYC/BA (3.00x8)	PSNP250NYC	103.25
2½"	NYFD (3.03x8)	PSNP250NYFD	103.25
2½"	CSA (3.125x5)	PSNP2503.125x5	POR
2½"	QST (3.031x7)	PSNP2503.03x7	POR
2½"	WCT (3.25x6)	PSNP2503.25x6	POR
2½"	PITT 6 (3.06X6)	PSNP2503.06x6	POR
3"	NST (NH)	PSNP300NST	132.10
3"	NYFD	PSNP300NYFD	132.10



- 2½" requires 50 ball bearings, 3" requires 58 ball bearings

Replacement Parts

Description	Part #	Price
2½" gasket	SW250	\$3.25
3" gasket	SW300F	6.85
ball bearings	46-003-00001	0.35
set screw	46-011-00418	2.15

Screw Pitch Gauge

Features:

- used to determine threads per inch
- 30 leaves

Stainless Steel Part #	Price
TPG	\$224.25



Brass Double Male Hex Nipples

Feature:

- other configurations are also available, consult Dixon™ for information



reducer



same size



increaser

Male Thread	Male Thread	Cast Brass Part #	Price
¾" NPT	1½" NPSH	DMH7515	\$61.25
¾" NPT	1½" NST (NH)	DMH7515F	66.55
1" NPT	¾" GHT	DMH1076	13.15
1" NPT	1" NPSH	DMH1010	12.50
1" NPT	1" NST (NH)	DMH1010F	12.50
1" NPT	1" NPT	DMH1010T	56.95
1" NPT	1½" NPSH	DMH1015	69.65
1" NPT	1½" NST (NH)	DMH1015F	69.65
1" NPT	2½" NST (NH)	DMH1025F	161.80
1½" NPSH	1½" NPSH	DMH15S15S	81.50
1½" NPT	1" NPSH	DMH1510	75.25
1½" NPT	1" NST (NH)	DMH1510F	75.25
1½" NPT	1¼" NPSH	DMH1512	121.70
1½" NPT	1½" NPT	DMH1515	20.70
1½" NPT	1½" NPT	DMH1515T	37.30
1½" NPT	1½" NST (NH)	DMH1515F	18.95
1½" NPT	2" NPSH	DMH1520	61.15
1½" NPT	2½" NST (NH)	DMH1525F	63.00
1½" NST (NH)	1½" NPSH	DMH15F15S	23.15
1½" NST (NH)	1½" NST (NH)	DMH15F15F	23.15
1½" NST (NH)	2½" NST (NH)	DMH15F25F	63.00
2" NPT	1½" NPSH	DMH2015	46.00
2" NPT	1½" NST (NH)	DMH2015F	39.30
2" NPT	2" NPSH	DMH2020	43.35
2" NPT	2½" NPSH	DMH2025	63.25
2" NPT	2" NPT	DMH2020T	123.05
2" NPT	2½" NST (NH)	DMH2025F	50.60
2½" NPT	1½" NPSH	DMH2515	168.40
2½" NPT	1½" NST (NH)	DMH2515F	85.25
2½" NPT	2" NPSH	DMH2520	113.00
2½" NPT	2½" NPSH	DMH2525	54.15
2½" NPT	2½" NST (NH)	DMH2525F	53.60
2½" NPT	2½" NPT	DMH2525T	118.20
2½" NPT	3" NPSH	DMH2530	208.95
2½" NPT	3" NPT	DMH2530T	215.00
2½" NPT	3" NST (NH)	DMH2530F	208.95
2½" NST (NH)	2½" NST (NH)	DMH25F25F	52.40
2½" NST (NH)	3" NST (NH)	DMH25F30F	215.00
3" NPT	2½" NPSH	DMH3025	105.00
3" NPT	2½" NST (NH)	DMH3025F	99.00
3" NPT	3" NPSH	DMH3030	144.00
3" NPT	3" NST (NH)	DMH3030F	144.00
3" NPT	3" NPT	DMH3030T	170.25
4" NPT	4" NPSH	DMH4040	231.00
4" NST (NH)	4" NST	DMH40F40F	313.90
4" NPT	4" NST (NH)	DMH4040F	219.00
4" NPT	4½" NST (NH)	DMH4045F	235.45
4" NPT	4" NPT	DMH4040T	332.45
5" NPT	5" NST (NH)	DMH5050F	590.00
6" NPT	4½" NST (NH)	DMH6045F	447.00
6" NPT	6" NST (NH)	DMH6060F	482.00
6" NPT	6" NPSH	DMH6060	994.00
6" NPT	6" NPT	DMH6060T	589.25

- All adapters are made to approved Dixon™ specifications.

Brass Double Male Adapters Pin Lug

Feature:

- other configurations are also available, consult Dixon™ for information

Male Thread	Male Thread	Cast Brass Part #	Price
1½" NST (NH)	1½" NST (NH)	DMP1515F	\$88.05
1½" NST (NH)	1½" NPT	DMP15F15T	88.05
1½" NPSH	1½" NPSH	DMP1515	88.05
1½" NPSH	1½" NPT	DMP15S15T	88.05
1½" NST (NH)	1½" NPSH	DMP15F15S	88.05
2½" NST (NH)	2½" NST (NH)	DMP2525F	159.60
2½" NST (NH)	2½" NPSH	DMP25F25S	159.60
2½" NST (NH)	2½" NPT	DMP25F25T	159.60
2½" NPSH	2½" NPSH	DMP2525	159.60



Rocker Lug

Feature:

- other configurations are also available, consult Dixon™ for information

Male Thread	Male Thread	Cast Brass Part #	Price
1½" NST (NH)	1½" NST (NH)	DMR1515F	\$65.40
1½" NST (NH)	1½" NPT	DMR15F15T	65.40
1½" NST (NH)	1½" NPSH	DMR15F15S	65.40
1½" NPSH	1½" NPSH	DMR1515	65.40
1½" NPSH	1½" NPT	DMR15S15T	65.40
2½" NST (NH)	2½" NST (NH)	DMR2525F	168.00
2½" NPSH	2½" NPSH	DMR2525	168.00



Domestic Brass Adapters - Hex Double Male Hex

Feature:

- other configurations are also available, consult Dixon™ for information

Male Thread	Male Thread	Cast Brass Part #	Price
1" NPT	1" NST (NH)	DMH1010F-D	\$54.30
1" NPT	1½" NST (NH)	DMH1015F-D	69.65
1½" NPT	1½" NPSH	DMH1515-D	74.10
1½" NPT	1½" NST (NH)	DMH1515F-D	74.10
1½" NPT	2½" NST (NH)	DMH1525F-D	134.75
1½" NST (NH)	1½" NST (NH)	DMH15F15F-D	77.35
1½" NST (NH)	1½" NPSH	DMH15F15S-D	78.95
1½" NST (NH)	2½" NST (NH)	DMH15F25F-D	149.85
2" NPT	1½" NST (NH)	DMH2015F-D	59.85
2" NPT	2" NPSH	DMH2020-D	85.00
2" NPT	2½" NST (NH)	DMH2025F-D	110.75
2½" NPT	1½" NST (NH)	DMH2515F-D	145.85
2½" NPT	2½" NST (NH)	DMH2525F-D	145.85
2½" NST (NH)	2½" NST (NH)	DMH25F25F-D	145.85
3" NPT	2½" NST (NH)	DMH3025F-D	237.90
3" NPT	3" NST (NH)	DMH3030F-D	243.20
4" NPT	4½" NST (NH)	DMH4045F-D	435.00
6" NPT	6" NST (NH)	DMH6060F-D	994.00



reducer



same size



increaser

- All adapters are made to approved Dixon™ specifications.

Brass Double Male Hex Adapters (New York Threads)

Feature:

- other configurations are also available, consult Dixon™ for information



reducer

Male	Male NYC	Cast Brass Part #	Price
1½" NPT	1½"	<i>DMH1515NYC</i>	\$54.70
2" NPT	2½"	<i>DMH2025NYC</i> NEW	98.80
2½" NPT	2½"	<i>DMH2525NYC</i>	53.60
2½" NST	2½"	<i>DMH25F25NYC</i>	116.85
2½" NYC	2½"	<i>DMH25NYC25NYC</i> NEW	104.50



same size

Male	Male NYFD	Cast Brass Part #	Price
1½" NPT	1½"	<i>DMH1515NYFD</i>	\$26.15
1½" NST	1½"	<i>DMH15F15NYFD</i>	57.30
1½" NPT	2½"	<i>DMH1525NYFD</i> NEW	124.10
2" NPT	2½"	<i>DMH2025NYFD</i>	111.20
2½" NPT	1½"	<i>DMH2515NYFD</i>	137.50
2½" NYFD	1½"	<i>DMH25NYFD15NYFD</i> NEW	49.45
2½" NPT	2½"	<i>DMH2525NYFD</i>	53.60



increaser

Male NYFD	Male NPT	Cast Brass Part #	Price
2½"	2"	<i>DMH25NYFD20T</i>	\$32.60

Male NST (NH)	Male NYFD	Cast Brass Part #	Price
2½"	2½"	<i>DMH25F25NYFD</i>	\$118.00

Male NYFD	Male NYFD	Cast Brass Part #	Price
1½"	1½"	<i>DMH15NYFD15NYFD</i>	\$81.50
2½"	2½"	<i>DMH25NYFD25NYFD</i>	118.00

- NYFD thread: 3.031 x 8 TPI
- NYC thread: 3.00 x 8 TPI

- All adapters are made to approved Dixon™ specifications.

Aluminum Double Male Northline Adapters - Rocker Lug Style N36

Male NST x Male

Male NST Thread	Male Thread	Aluminum Extrusion - Anodized Part #	Price
1"	1" NST	N36-10F10F	\$76.40
1½"	1½" NST	N36-15F15F	74.20
1½"	2" NPT	N36-15F20T	79.25
1½"	2½" NST	N36-15F25F	85.50
2½"	2½" NST	N36-25F25F	82.00
2½"	3" NST	N36-25F30F	113.10
2½"	3" NPT	N36-25F30T	113.10
2½"	4" NST	N36-25F40F	212.05
2½"	4" NPT	N36-25F40T	214.90
2½"	4½" NST	N36-25F45F	230.10
3"	3" NST	N36-30F30F	129.85
4"	4" NST	N36-40F40F	219.40
4½"	4½" NST	N36-45F45F	224.80
6"	6" NST	N36-60F60F	349.40



same size

Male NPT x Male

Male NPT Thread	Male Thread	Aluminum Extrusion - Anodized Part #	Price
1½"	1½" NST	N36-15T15F	\$78.15
1½"	2½" NST	N36-15T25F	101.00
2"	2" NPT	N36-20T20T	88.05
2"	2½" NST	N36-20T25F	116.50
2½"	2½" NST	N36-25T25F	108.10
2½"	3" NPT	N36-25T30T	108.10
2½"	4" NPT	N36-25T40T	212.85
3"	3" NST	N36-30T30F	129.85
4"	4" NST	N36-40T40F	219.40
4"	4½" NST	N36-40T45F	223.65
5"	6" NPT	N36-50T60T	345.90
6"	6" NST	N36-60T60F	349.40



increaser

Male NPSH x Male

Male NPSH Thread	Male Thread	Aluminum Extrusion - Anodized Part #	Price
1"	1" NPSH	N36-10S10S	\$76.40
1½"	1½" NST	N36-15S15F	108.60
1½"	1½" NPSH	N36-15S15S	80.00
1½"	1½" NPT	N36-15S15T	87.35
1½"	2" NPSH	N36-15S20S	93.15
2½"	2½" NST	N36-25S25F	108.10
2½"	2½" NPSH	N36-25S25S	108.10

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- All adapters are made to approved Dixon™ specifications.

Brass Hydrant Adapters - Pin Lug

Feature:

- other configurations are also available, consult Dixon™ for information

Female Thread	Male Thread	Cast Brass Part #	Price
1½" NPSH	¾" GHT	HA15S76	\$23.70
1½" NPSH	¾" NPSH	HA15S75	84.30
1½" NPSH	¾" NPT	HA15S75T	84.30
1½" NPSH	1" NPSH	HA15S10S	85.85
1½" NPSH	1" NPT	HA15S10T	85.85
1½" NPSH	1½" NPT	HA15S15T	40.75
1½" NPSH	1½" NST (NH)	HA15S15F	40.75
1½" NPT	1½" NPSH	HA15T15S	74.50
1½" NPT	1½" NST (NH)	HA15T15F	6.20
1½" NST (NH)	¾" GHT	HA1576	20.60
1½" NST (NH)	¾" NPSH	HA1575	85.65
1½" NST (NH)	¾" NPT	HA1575T	33.50
1½" NST (NH)	1" NPSH	HA1510	43.25
1½" NST (NH)	1" NST (NH)	HA1510F	40.75
1½" NST (NH)	1" NPT	HA1510T	40.75
1½" NST (NH)	1½" NPSH	HA1515	40.75
1½" NST (NH)	1½" NPT	HA1515T	40.75
1½" NST (NH)	1½" NST (NH)	HA1515F	40.75
1½" NST (NH)	2½" NST (NH)	HA1525F	142.45
2" NPSH	1½" NPSH	HA20S15S	101.35
2" NPSH	1½" NPT	HA20S15T	101.35
2" NPSH	1½" NST (NH)	HA20S15F	36.40
2" NPSH	2½" NST (NH)	HA20S25F	80.10
2" NPT	2½" NST (NH)	HA20T25F	80.10
2" NST (NH)	2½" NST (NH)	HA2025F	132.00
2½" NPSH	1" NPT	HA25S10T	36.40
2½" NPSH	1½" NPSH	HA25S15S	115.00
2½" NPSH	1½" NPT	HA25S15T	115.00
2½" NPSH	1½" NST (NH)	HA25S15F	37.90
2½" NPSH	2½" NST (NH)	HA25S25F	72.85
2½" NST (NH)	¾" GHT	HA2576	29.35
2½" NST (NH)	¾" NPT	HA2575T	29.35
2½" NST (NH)	1" NPSH	HA2510	32.35
2½" NST (NH)	1" NST (NH)	HA2510F	32.35
2½" NST (NH)	1" NPT	HA2510T	30.35
2½" NST (NH)	1½" NPSH	HA2515	30.00
2½" NST (NH)	1½" NST (NH)	HA2515F	29.70
2½" NST (NH)	1½" NPT	HA2515T	30.00
2½" NST (NH)	2" NPSH	HA2520	50.95
2½" NST (NH)	2" NST (NH)	HA2520F	50.95
2½" NST (NH)	2" NPT	HA2520T	28.80
2½" NST (NH)	2½" NPSH	HA2525	69.85
2½" NST (NH)	2½" NST (NH)	HA2525F	69.85
2½" NST (NH)	2½" NPT	HA2525T	69.85
2½" NST (NH)	3" NPSH	HA2530	108.00
2½" NST (NH)	3" NST (NH)	HA2530F	108.00
2½" NST (NH)	3" NPT	HA2530T	108.00
3" NPSH	2½" NST (NH)	HA30S25F	82.10
3" NPSH	2½" NPSH	HA30S25S	212.20
3" NPSH	2½" NPT	HA30S25T	178.10
3" NST (NH)	1½" NPSH	HA3015S	181.00
3" NST (NH)	1½" NST (NH)	HA3015F	196.20
4" NST (NH)	2½" NST (NH)	HA4025F	145.35
4½" NST (NH)	2½" NST (NH)	HA4525F	218.50



reducer



same size



increaser

P

- All adapters are made to approved Dixon™ specifications.

Brass Hydrant Adapters - Pin Lugs (New York Threads)

Features:

- NYFD thread = 3.031 x 8 TPI
- NYC thread = 3.00 x 8 TPI
- other configurations are also available, consult Dixon™ for information

Female NYFD	Male Thread	Cast Brass Part #	Price
1½"	¾" GHT	HA15NYFD76	\$46.85
1½"	1½" NPT	HA15NYFD15T	107.55
2½"	¾" NPT	HA25NYFD75T	107.55
2½"	¾" GHT	HA25NYFD76	34.15
2½"	1½" NPSH	HA25NYFD15S	39.75
2½"	1½" NST (NH)	HA25NYFD15F	39.75
2½"	1½" NPT	HA25NYFD15T	129.15
2½"	1½" NYFD	HA25NYFD15NYFD	39.75
2½"	2" NPT	HA25NYFD20T	35.75
2½"	2½" NST (NH)	HA25NYFD25F	58.90



reducer



same size



increaser

Female NYC	Male Thread	Cast Brass Part #	Price
2½"	¾" NPT	HA25NYC75T	\$109.60
2½"	¾" GHT	HA25NYC76	118.20
2½"	1" NPT	HA25NYC10T	125.85
2½"	1½" NPT	HA25NYC15T	129.15
2½"	1½" NST (NH)	HA25NYC15F	129.15
2½"	2" NPT	HA25NYC20T	35.75

Brass Hazmat Adapters - Pin Lugs

Feature:

- divides single stream into double stream

Female NST	Male Thread	Cast Brass Part #	Price
1½"	(2) GHT	HHA1576	\$47.70
2½"	(2) GHT	HHA2576	56.45



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Brass Hydrant Adapters - Rocker Lug

Features:

- finishes: -C polished chrome plated
- other configurations are also available, consult Dixon™ for information



reducer



reducer - chrome plated



same size

Female Thread	Male Thread	Cast Brass Part #	Price
1½"NH	¾" GHT	RHA1576	\$79.90
1½" NPSH	¾" NPT	RHA15S75T	81.85
1½"NH	1" NPSH	RHA1510	46.60
1½" NST (NH)	1" NST (NH)	RHA1510F	46.60
1½" NST (NH)	1" NPT	RHA1510T	46.60
1½" NPSH	1" NPSH	RHA15S10	47.50
1½" NPSH	1" NPT	RHA15S10T	49.90
1½" NST (NH)	1½" NPSH	RHA1515	55.80
1½" NST (NH)	1½" NST (NH)	RHA1515F	55.80
1½" NST (NH)	1½" NPT	RHA1515T	55.80
1½" NPSH	1½" NST (NH)	RHA15S15F	55.80
1½" NPSH	1½" NPT	RHA15S15T	113.00
1½" NPT	1½" NST (NH)	RHA15T15F	55.80
1½" NST (NH)	2" NPSH	RHA1520	113.00
1½" NST (NH)	2½" NST (NH)	RHA1525F	76.80
2" NST (NH)	2½" NST (NH)	RHA2025F	132.30
2½" NST (NH)	¾" GHT	RHA2576	36.85
2½" NST (NH)	1" NPSH	RHA2510	49.15
2½" NST (NH)	1" NST (NH)	RHA2510F	49.15
2½" NST (NH)	1" NPT	RHA2510T	49.15
2½" NST (NH)	1½" NPSH	RHA2515	35.50
2½" NST (NH)	1½" NST (NH)	RHA2515F	35.50
2½" NST (NH)	1½" NST (NH)	RHA2515F-C	14.80
2½" NST (NH)	1½" NPT	RHA2515T	75.85
2½" NPSH	1½" NPSH	RHA25S15	40.25
2½" NPSH	1½" NST (NH)	RHA25S15F	40.25
2½" NST (NH)	2" NST (NH)	RHA2520F	144.90
2½" NST (NH)	2" NPT	RHA2520T	51.25
2½" NST (NH)	2½" NPT	RHA2525T	130.00
2½" NPSH	2½" NST (NH)	RHA25S25F	130.00
2½" NPT	2½" NST (NH)	RHA25T25F	130.00
2½" NST (NH)	3" NPT	RHA2530T	159.80
3" NST (NH)	2½" NST (NH)	RHA3025F	160.00

- All adapters are made to approved Dixon™ specifications.

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Aluminum Female x Male Adapters - Long Handle

Style N56



Female NST Thread	Male NST Thread	Aluminum Extrusion - Anodized Part #	Price
4"	2½"	N56-40F25F	\$261.65
4"	4½"	N56-40F45F	272.10
4½"	4"	N56-45F40F	364.05
5"	2½"	N56-50F25F	412.95
6"	4½"	N56-60F45F	435.30
6"	5"	N56-60F50F	465.15
6"	6"	N56-60F60T	498.75

Aluminum Female x Male Adapters - Rocker Lug Style N37

Female Thread	Male Thread	Aluminum Extrusion - Anodized Part #	Price
3/4" GHT	1" NST	N37-07G10F	\$86.45
3/4" GHT	1" NPSH	N37-07G10S	86.45
3/4" GHT	1" NPT	N37-07G10T	86.45
3/4" GHT	1 1/2" NST	N37-07G15F	104.40
3/4" GHT	1 1/2" NPSH	N37-07G15S	104.40
1" NST	3/4" GHT	N37-10F07G	71.90
1" NST	1" NPSH	N37-10F10S	71.90
1" NST	1" NPT	N37-10F10T	71.90
1" NST	1 1/2" NST	N37-10F15F	95.15
1" NST	1 1/2" NPSH	N37-10F15S	95.15
1" NST	2 1/2" NST	N37-10F25F	151.70
1" NPSH	3/4" GHT	N37-10S07G	78.50
1" NPSH	3/4" NPSH	N37-10S07S	78.50
1" NPSH	1" NST	N37-10S10F	78.50
1" NPSH	1" NPSH	N37-10S10T	78.50
1" NPSH	1 1/2" NST	N37-10S15F	78.50
1" NPSH	1 1/2" NPSH	N37-10S15S	78.50
1" NPSH	2 1/2" NST	N37-10S25F	105.00
1" NPT	1" NST	N37-10T10F	71.90
1 1/2" NST	3/4" GHT	N37-15F07G	104.40
1 1/2" NST	3/4" NPT	N37-15F07T	104.40
1 1/2" NST	1" NST	N37-15F10F	127.00
1 1/2" NST	1" NPSH	N37-15F10S	127.00
1 1/2" NST	1" NPT	N37-15F10T	127.00
1 1/2" NST	1 1/2" NST	N37-15F15F	127.00
1 1/2" NST	1 1/2" NPSH	N37-15F15S	127.00
1 1/2" NST	1 1/2" NPT	N37-15F15T	127.00
1 1/2" NST	2" NPT	N37-15F20T	127.00
1 1/2" NST	2 1/2" NST	N37-15F25F	104.60
1 1/2" NPSH	3/4" GHT	N37-15S07G	127.00
1 1/2" NPSH	1" NST	N37-15S10F	127.00
1 1/2" NPSH	1 1/2" NST	N37-15S15F	127.00
1 1/2" NPSH	1 1/2" NPT	N37-15S15T	127.00
1 1/2" NPSH	2" NPT	N37-15S20T	127.00
1 1/2" NPT	1 1/2" NST	N37-15T15F	127.00
1 1/2" NPT	1 1/2" NPSH	N37-15T15S	127.00
1 1/2" NPT	2 1/2" NST	N37-15T25F	145.35
2" NPSH	3/4" GHT	N37-20S07G	185.35
2" NPSH	1 1/2" NST	N37-20S15F	127.00
2" NPSH	1 1/2" NPSH	N37-20S15S	127.00
2" NPSH	2" NPT	N37-20S20T	127.00
2" NPSH	2 1/2" NST	N37-20S25F	127.00
2" NPT	1 1/2" NST	N37-20T15F	127.00
2" NPT	1 1/2" NPSH	N37-20T15S	127.00
2" NPT	1 1/2" NPT	N37-20T15T	127.00
2" NPT	2 1/2" NST	N37-20T25F	127.00



reducer



same size



increaser

- All adapters are made to approved Dixon™ specifications.

Aluminum Female x Male Adapters - Rocker Lug (continued) Style N37

Female Thread	Male Thread	Aluminum Extrusion - Anodized Part #	Price
2½" NST	¾"	N37-25F07G	\$127.00
2½" NST	¾"	N37-25F07T	127.00
2½" NST	1"	N37-25F10T	145.35
2½" NST	1½"	N37-25F15F	127.00
2½" NST	1½"	N37-25F15S	127.00
2½" NST	1½"	N37-25F15T	127.00
2½" NST	2"	N37-25F20T	127.00
2½" NST	2½"	N37-25F25F	127.00
2½" NST	2½"	N37-25F25S	127.00
2½" NST	2½"	N37-25F25T	127.00
2½" NST	3"	N37-25F30F	127.00
2½" NST	3"	N37-25F30T	127.00
2½" NPSH	1½"	N37-25S15F	127.00
2½" NPSH	1½"	N37-25S15S	145.35
2½" NPSH	2½"	N37-25S25F	127.00
2½" NPSH	2½"	N37-25S25T	127.00
2½" NPT	1½"	N37-25T15S	145.35
2½" NPT	2½"	N37-25T25F	127.00
2½" NPT	3"	N37-25T30T	144.30
3" NST	1½"	N37-30F15F	160.95
3" NST	2"	N37-30F20T	160.95
3" NST	2½"	N37-30F25F	160.95
3" NST	3"	N37-30F30T	129.25
3" NPSH	1½"	N37-30S15S	132.25
3" NPSH	2½"	N37-30S25F	144.30
3" NPT	2½"	N37-30T25F	144.30
3" NPT	2½"	N37-30T25T	144.30
4" NST	2½"	N37-40F25F	284.15
4" NST	4"	N37-40F40F	212.40
4" NST	4"	N37-40F40S	212.40
4" NST	4"	N37-40F40T	212.40
4" NST	6"	N37-40F60F	237.80
4" NPT	2½"	N37-40T25F	284.15
4" NPT	2½"	N37-40T25T	284.15
4" NPT	4"	N37-40T40F	212.40
4" NPT	4½"	N37-40T45F	212.40
4" NST	2½"	N37-45F25F	254.85
4" NST	4"	N37-45F40F	236.70
4" NST	4"	N37-45F40T	236.70
4" NST	5"	N37-45F50F	236.70
4" NST	4½"	N37-50F45F	285.50
4" NST	5"	N37-50F50T	297.85
4" NST	6"	N37-50F60F	305.00
4" NPSH	6"	N37-50S60F	305.00
4" NPT	5"	N37-50T50F	351.00
4" NST	4"	N37-60F40T	351.00
4" NST	5"	N37-60F50F	351.00
4" NST	6"	N37-60F60T	290.20
4" NPT	4"	N37-60T40F	270.00
4" NPT	6"	N37-60T60F	315.00



P

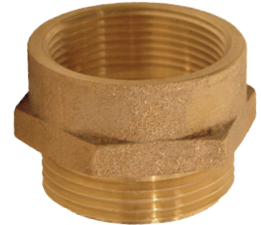
- All adapters are made to approved Dixon™ specifications.

Brass Female to Male Hex Nipples

Feature:

- other configurations are also available, consult Dixon™ for information

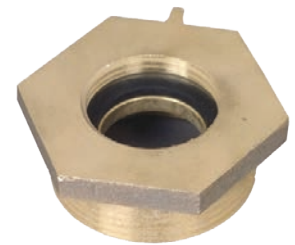
Female Thread	Male Thread	Cast Brass Part #	Price
¾" GHT	1" NPT	FM7610T	\$53.35
1" NPSH	¾" GHT	FM10S76	23.40
1" NPT	¾" GHT	FM1076	20.55
1" NPT	1" NPSH	FM1010	36.60
1" NPT	1" NST (NH)	FM1010F	33.50
1" NST (NH)	1" NPT	FM10F10T	33.50
1" NPT	1½" NPSH	FM1015	69.00
1" NPT	1½" NST (NH)	FM1015F	41.75
1" NPSH	1½" NPT	FM10S15T	69.00
1½" NPT	1½" NPSH	FM1515	21.25
1½" NPT	1½" NST (NH)	FM1515F	20.60
1½" NST (NH)	1½" NPSH	FM15F15S	26.05
1½" NST (NH)	1½" NPT	FM15F15T	18.40
1½" NPSH	1½" NST (NH)	FM15S15F	22.85
1½" NST (NH)	1½" NST (NH)	FM15F15F	26.05
1½" NPSH	1½" NPT	FM15S15T	22.85
1½" NPSH	2" NPT	FM15S20T	74.50
1½" NST (NH)	2" NPT	FM15F20T	37.50
1½" NPT	2½" NST (NH)	FM1525F	67.75
1½" NST (NH)	2½" NPT	FM15F25T	64.15
1½" NST (NH)	2½" NST (NH)	FM15F25F	64.15
1½" NST (NH)	3" NST (NH)	FM15F30F	122.60
1½" NPT	3" NST (NH)	FM1530F	80.00
2" NPSH	1½" NPSH	FM20S15	64.40
2" NPT	1½" NPSH	FM2015	89.25
2" NPSH	1½" NST	FM20S15F	64.40
2" NPT	1½" NST (NH)	FM2015F	28.15
2" NPSH	1½" NPT	FM20S15T	30.60
2" NPSH	2" NPT	FM20S20T	27.35
2" NPT	2" NPSH	FM2020	140.00
2" NPSH	2½" NPT	FM20S25T	55.70
2" NPSH	2½" NST (NH)	FM20S25F	91.10
2" NPT	2½" NST (NH)	FM2025F	81.40
2½" NST (NH)	¾" NPT	FM25F75T	144.55
2½" NST (NH)	1" NPT	FM25F10T	138.05
2½" NPT	1½" NST (NH)	FM2515F	139.00
2½" NST (NH)	1½" NST (NH)	FM25F15F	80.05
2½" NST (NH)	1½" NPT	FM25F15T	80.05
2½" NST (NH)	2" NPT	FM25F20T	52.05
2½" NPT	2½" NPSH	FM2525	63.15
2½" NPT	2½" NST (NH)	FM2525F	53.75



reducer



same size



increaser

- table continued on next page
- All adapters are made to approved Dixon™ specifications.

Brass Female to Male Hex Nipples

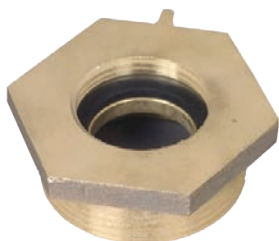
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reducer



same size



increaser

Female Thread	Male Thread	Cast Brass Part #	Price
2½" NST (NH)	2½" NST (NH)	FM25F25F	\$62.15
2½" NST (NH)	2½" NPT	FM25F25T	53.80
2½" NPT	2½" NPT	FM2525T	102.80
2½" NST (NH)	2½" NPSH	FM25F25S	144.55
2½" NPSH	2½" NST (NH)	FM25S25F	62.15
2½" NPSH	2½" NPT	FM25S25T	62.15
2½" NST (NH)	3" NST (NH)	FM25F30F	89.80
2½" NST (NH)	3" NPT	FM25F30T	89.80
3" NPT	2½" NST (NH)	FM3025F	86.05
3" NST (NH)	2½" NST (NH)	FM30F25F	98.85
3" NST (NH)	2½" NPT	FM30F25T	98.85
3" NPT	2½" NPT	FM3025T	98.85
3" NPSH	2½" NST (NH)	FM30S25F	201.20
3" NST (NH)	3" NPT	FM30F30T	144.65
3" NPT	3" NST (NH)	FM3030F	144.65
4" NPT	2½" NST (NH)	FM4025F	387.30
4" NPT	4" NST (NH)	FM4040F	366.40
4" NST (NH)	4" NPT	FM40F40T	287.40
4" NPT	4½" NST (NH)	FM4045F	273.55
4½" NST (NH)	4" NPT	FM45F40T	454.25
6" NPT	6" NST (NH)	FM6060F	618.00
6" NST (NH)	6" NPT	FM60F60T	618.00

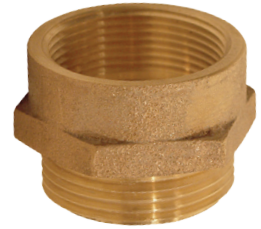
- All adapters are made to approved Dixon™ specifications.

Brass Female to Male Hex Nipples (New York Threads)

Features:

- NYFD thread = 3.031 x 8 TPI
- NYC thread = 3.00 x 8 TPI
- other configurations are also available, consult Dixon™ for information

Female	Male	Cast Brass Part #	Price
1½" NPT	1½" NYFD	FM1515NYFD	\$32.00
1½" NST (NH)	1½" NYFD	FM15F15NYFD	32.00
1½" NYFD	1½" NST (NH)	FM15NYFD15F	32.00
1½" NYFD	1½" NPT	FM15NYFD15T	32.00



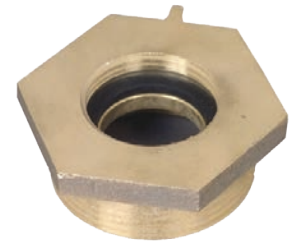
reducer

Female	Male	Cast Brass Part #	Price
2½" NPT	2½" NYC	FM2525NYC	\$136.00
2½" NPT	2½" NYFD	FM2525NYFD	65.00
2½" NST (NH)	2½" NYC	FM25F25NYC	136.00
2½" NST (NH)	2½" NYFD	FM25F25NYFD	136.00
2½" NYC	2½" NST (NH)	FM25NYC25F	142.05
2½" NYC	2½" NPT	FM25NYC25T	153.15
2½" NYFD	2½" NST (NH)	FM25NYFD25F	67.30
2½" NYFD	2½" NPT	FM25NYFD25T	136.00
2½" NYFD	2½" NYFD	FM25NYFD25NYFD	136.00



same size

Female	Male	Cast Brass Part #	Price
2½" NYFD	1½" NPT	FM25NYFD15T	\$120.00
2½" NYFD	2" NPT	FM25NYFD20T	83.40
2½" NYFD	3" NYFD	FM25NYFD30NYFD	142.00
2½" NYFD	3" NPT	FM25NYFD30T	142.00



increaser

- All adapters are made to approved Dixon™ specifications.

Domestic Brass Hydrant Adapters - Pin Lug


Feature:

- other configurations are also available, consult Dixon™ for information

Female Thread	Male Thread	Cast Brass Part #	Price
1½" NST (NH)	¾" GHT	HA1576-D	\$68.75
2½" NST (NH)	1" NPT	HA2510T-D	123.00
2½" NST (NH)	1½" NST (NH)	HA2515F-D	109.60
2½" NST (NH)	1½" NPT	HA2515T-D	125.55
2½" NST (NH)	¾" GHT	HA2576-D	135.10

Domestic Brass Female to Male Hex Nipples



reducer



same size



increaser

Feature:

- other configurations are also available, consult Dixon™ for information

Female Thread	Male Thread	Cast Brass Part #	Price
1" NPT	1½" NST (NH)	FM1015F-D	\$71.10
1½" NPT	1½" NST (NH)	FM1515F-D	72.55
1½" NPT	2½" NST (NH)	FM1525F-D	128.00
1½" NST (NH)	1½" NPSH	FM15F15S-D	72.55
1½" NST (NH)	1½" NPT	FM15F15T-D	72.55
1½" NST (NH)	2½" NST (NH)	FM15F25F-D	128.75
1½" NPSH	1½" NST (NH)	FM15S15F-D	72.55
1½" NPSH	1½" NPT	FM15S15T-D	72.55
2" NPT	1½" NST (NH)	FM2015F-D	89.25
2½" NPT	2½" NST (NH)	FM2525F-D	126.40
2½" NST (NH)	1½" NST (NH)	FM25F15F-D	128.20
2½" NST (NH)	1½" NPT	FM25F15T-D	128.20
2½" NST (NH)	2½" NPT	FM25F25T-D	126.40

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Polycarbonate Hydrant Adapters - Rocker Lug


Features:

- use with water
- maximum working pressure: **100 PSI** at 70°F (21°C)

Female Thread	Male Thread	Polycarbonate Part #	Price
1½" NPSH	1½" NST (NH)	POLYHA15S15F	\$16.35
2½" NST (NH)	¾" GHT	POLYHA2576	19.80
2½" NST (NH)	1½" NPSH	POLYHA2515	23.80
2½" NST (NH)	1½" NST (NH)	POLYHA2515F	23.80
2½" NST (NH)	2" NPT	POLYHA2520T	19.80

- All adapters are made to approved Dixon™ specifications.

Brass Double Female Swivels Pin Lug

Female NPSH	Female NPSH	Cast Brass Part #	Price
1½"	1½"	DFP1515	\$86.25
2½"	2½"	DFP2525	190.70

Female NST (NH)	Female NST (NH)	Cast Brass Part #	Price
1½"	1½"	DFP1515F	\$80.90
2½"	2½"	DFP2525F	175.10

Female NST (NH)	Female NPSH	Cast Brass Part #	Price
1½"	1½"	DFP15F15S	\$86.25
2½"	2½"	DFP25F25S	190.70

Female NYFD	Female NYFD	Cast Brass Part #	Price
1½"	1½"	DFP15NYFD15NYFD	\$147.05
2½"	2½"	DFP25NYFD25NYFD	306.45



Rocker Lug

Female NPSH	Female NPSH	Cast Brass Part #	Price
1½"	1½"	DFR1515	\$86.25
2½"	2½"	DFR2525	183.05

Female NST (NH)	Female NST (NH)	Cast Brass Part #	Price
1½"	1½"	DFR1515F	\$86.25
2½"	2½"	DFR2525F	183.05



Domestic Brass Double Female Swivels - Pin Lug

Female Thread	Female Thread	Cast Brass Part #	Price
1½" NST (NH)	1½" NST (NH)	DFP1515F-D	\$215.00
2½" NST (NH)	2½" NST (NH)	DFP2525F-D	265.00



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- All adapters are made to approved Dixon™ specifications.

Aluminum Double Swivel Female Adapters - Rocker Lug Style N35

Female NPSH Swivel x Female NPSH Swivel



Female NPSH Swivel Thread	Female NPSH Swivel Thread	Aluminum Extrusion - Anodized Part #	Price
1" NPSH	1" NPSH	N35-10S10S	\$169.00
1" NPSH	1½" NPSH	N35-10S15S	198.50
1½" NPSH	1½" NPSH	N35-15S15S	140.00
1½" NPSH	2½" NPSH	N35-15S25S	160.50
2" NPSH	2" NPSH	N35-20S20S	140.00
2½" NPSH	2½" NPSH	N35-25S25S	167.50
3" NPSH	3" NPSH	N35-30S30S	312.50

Female NST Swivel x Female NST Swivel



Female NST Swivel Thread	Female NST Swivel Thread	Aluminum Extrusion - Anodized Part #	Price
1" NST	1" NST	N35-10F10F	\$169.00
1½" NST	1½" NST	N35-15F15F	169.00
1½" NST	2½" NST	N35-15F25F	140.00
2½" NST	2½" NST	N35-25F25F	136.35
4" NST	4" NST	N35-40F40F	436.45
4" NST	5" NST	N35-40F50F	436.45
4½" NST	4½" NST	N35-45F45F	436.45
4½" NST	6" NST	N35-45F60F	433.00
5" NST	5" NST	N35-50F50F	528.20
6" NST	6" NST	N35-60F60F	893.70

Female NPSH Swivel x Female NST Swivel



Female NPSH Swivel Thread	Female NST Swivel Thread	Aluminum Extrusion - Anodized Part #	Price
1" NPSH	1" NST	N35-10S10F	\$169.00
1" NPSH	1½" NST	N35-10S15F	169.00
1½" NPSH	1½" NST	N35-15S15F	140.00
2" NPSH	2½" NST	N35-20S25F	140.00
2½" NPSH	2½" NST	N35-25S25F	167.50
6" NPSH	6" NST	N35-60S60F	893.70

Aluminum Double Female Swivel Adapters - Long Handle Style N57



Female NST Thread	Male NST Thread	Aluminum Extrusion - Anodized Part #	Price
2½"	2½"	N57-25F25F	\$202.60
4½"	6"	N57-45F60F	492.55
5"	5"	N57-50F50F	564.15
5"	6"	N57-50F60F	624.80
6"	6"	N57-60F60F	606.75

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(Open Snoot) Brass Female Swivel Adapters - Pin Lug

Features:

- double female rigid hexagon to swivel connection, rigid end thread is always NPT, hose thread is on swivel end
- finishes: -P polished, -C polished chrome plated
- other configurations are also available, consult Dixon™ for information

Female Swivel Thread	Female Rigid Thread	Cast Brass Part #	Price
1½" NST (NH)	1½" NPT	SF150F	\$91.70
1½" NPSH	1½" NPT	SF150S	118.20
2½" NST (NH)	1½" NPT	SF25F15T	225.30
2½" NST (NH)	2" NPT	SF25F20T	160.30
2½" NYFD	2" NPT	SF25NYFD20T	186.30
2½" NYFD	2½" NPT	SF250NYFD	181.30
2½" NST (NH)	2½" NPT	SF250F	107.60
2½" NST (NH)	2½" NPT	SF250F-P	136.00
2½" NST (NH)	2½" NPT	SF250F-C	35.05
2½" NPSH	2½" NPT	SF250S	181.30
2½" NST (NH)	3" NPT	SF25F30T	167.65
2½" NYFD	3" NPT	SF25NYFD30T	232.35
3" NST (NH)	3" NPT	SF300F	292.55
3" NST (NH)	3" NPT	SF300F-P	332.70
3" NST (NH)	3" NPT	SF300F-C	350.20
3" NYFD	3" NPT	SF300NYFD	185.40
3" NYFD	3" NPT	SF300NYFD-C	267.80
3" NYFD	3" NPT	SF300NYFD-P	209.00
4" NST (NH)	4" NPT	SF400F	643.20



Domestic Brass Female Swivel Adapters - Pin Lug

Feature:

- other configurations are also available, consult Dixon™ for information

Female NST (NH) Swivel	Female Rigid NPT	Cast Brass Part #	Price
1½"	1½"	SF150F-D	\$115.85
2½"	2½"	SF250F-D	178.10
2½"	2"	SF25F20T-D	194.30



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(Open Snoot) Female Swivel Adapters - Rocker Lug

Feature:

- other configurations are also available, consult Dixon™ for information

Female Threads	Female Threads	Cast Brass Part #	Price
1½" NST (NH)	1½" NPT	RSF150F	\$91.70
2½" NST (NH)	1½" NPT	RSF25F15T	262.65
2½" NST (NH)	2" NPT	RSF25F20T	160.30
2½" NST (NH)	2½" NPT	RSF250F	149.25
2½" NST (NH)	3" NPT	RSF25F30T	272.60



- All adapters are made to approved Dixon™ specifications.

Aluminum Swivel Female x Rigid Female Adapters - Rocker Lug Style N53

Female NPSH Swivel x Female Rigid NPT



Female NPSH Swivel Thread	Female Rigid NPT	Aluminum Extrusion - Anodized Part #	Price
1½"	1½"	N53-15S15T	\$118.10
2"	2"	N53-20S20T	128.90
3"	3"	N53-30S30T	162.90
4"	4"	N53-40S40T	309.55
6"	6"	N53-60S60T	430.15

Female NPSH Swivel x Female Rigid NPSH



Female NPSH Swivel Thread	Female Rigid NPSH	Aluminum Extrusion - Anodized Part #	Price
1½"	1½"	N53-15S15S	\$118.10
1½"	2"	N53-15S20S	128.90
2½"	2½"	N53-25S25S	142.05

Female NST Swivel x Female Rigid NPT



Female NST Swivel Thread	Female Rigid NPT	Aluminum Extrusion - Anodized Part #	Price
1½"	1½"	N53-15F15T	\$118.10
2½"	2"	N53-25F20T	134.15
2½"	2½"	N53-25F25T	136.40
2½"	3"	N53-25F30T	228.70
2½"	4"	N53-25F40T	269.65
4"	4"	N53-40F40T	309.55
4½"	4"	N53-45F40T	331.45
4½"	6"	N53-45F60T	331.45
5"	6"	N53-50F60T	362.40
6"	6"	N53-60F60T	430.15

Female NST Swivel x Female Rigid NST



Female NST Swivel Thread	Female Rigid NST	Aluminum Extrusion - Anodized Part #	Price
1½"	1½"	N53-15F15F	\$85.00
2½"	1½"	N53-25F15F	146.30
2½"	2½"	N53-25F25F	134.15
2½"	6"	N53-25F60F	290.20
3"	3"	N53-30F30F	149.65
4"	4"	N53-40F40F	309.55
6"	4½"	N53-60F45F	438.00
6"	6"	N53-60F60F	430.15

- All adapters are made to approved Dixon™ specifications.

Brass Double Female Hex Adapters

Feature:

- other configurations are also available, consult Dixon™ for information

Female Thread	Female NST (NH)	Cast Brass Part #	Price
1½" NPT	1½"	FFH1515F	\$26.20
2½" NPT	2½"	FFH2525F	59.75
1½" NST (NH)	1½"	FFH15F15F	26.20
2½" NST (NH)	2½"	FFH25F25F	59.75

Female Thread	Female NYFD	Cast Brass Part #	Price
1½" NYFD	1½"	FFH15NYFD15NYFD	\$87.45
1½" NPT	1½"	FFH1515NYFD	87.45
2½" NPT	2½"	FFH2525NYFD	120.00

Female Thread	Female Thread	Cast Brass Part #	Price
1½" NPT	1½" NPSH	FFH15T15S	\$26.20



Brass Female Rocker Lug - Suction with Poly Screen

Feature:

- suction intake with strainer screen

Female Thread	Female NPT	Cast Brass Part #	Price
2½" NST (NH)	1½"	RSFSA25F15T	\$360.75
2½" NST (NH)	2"	RSFSA25F20T	360.75
2½" NST (NH)	2½"	RSFSA250F	345.50
2½" NST (NH)	3"	RSFSA25F30T	398.55



Brass Male Rocker Lug - Suction with Poly Screen

Feature:

- suction intake with strainer screen

Female NST (NH) Thread	Male NPT Thread	Cast Brass Part #	Price
2½"	1½"	RSMSA25F15T	\$322.20
2½"	2"	RSMSA25F20T	337.20
2½"	2½"	RSMSA250F	340.80
2½"	3"	RSMSA25F30T	382.60



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Brass Male Rocker Lug - Suction with Zinc Screen

Feature:

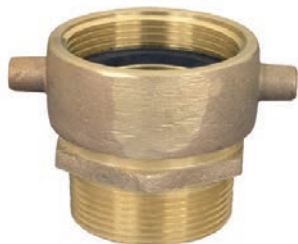
- suction intake with zinc strainer screen - excellent to use before backflow preventers

Female NST (NH) Thread	Male NPT Thread	Cast Brass Part #	Price
2½"	1½"	RSMSA25F15T-Z	\$355.10
2½"	2"	RSMSA25F20T-Z	374.85
2½"	2½"	RSMSA250F-Z	378.95
2½"	3"	RSMSA25F30T-Z	425.35



- All adapters are made to approved Dixon™ specifications.

Brass Female Swivel to Male Adapters Pin Lug



Female NST (NH)	Male NPT	Cast Brass Part #	Price
1½"	1½"	SM150F	\$74.30
2½"	1½"	SM25F15T	159.40
2½"	2"	SM25F20T	150.40
2½"	2½"	SM250F	94.15
2½"	3"	SM25F30T	179.55
4"	4"	SM400F	574.25

Female NPSH	Male NPT	Cast Brass Part #	Price
1½"	1½"	SM150S	\$93.30
2"	2"	SM200S	141.60
2½"	2½"	SM250S	185.40

Female	Male NST (NH)	Cast Brass Part #	Price
1½" NPSH	1½"	SM15S15F	\$166.10
2½" NST (NH)	3"	SM25F30F	271.10

Female	Male NPT	Cast Brass Part #	Price
1½" NYFD	1½"	SM150NYFD	\$130.85
2½" NYC	2½"	SM250NYC	195.00
2½" NYFD	2½"	SM250NYFD	195.00

Rocker Lug



Female Thread	Male NPT	Cast Brass Part #	Price
1½" NST (NH)	1½"	RSM150F	\$93.30
1½" NST (NPSH)	1½"	RSM150S	90.70
2½" NST (NH)	2"	RSM25F20T	150.40
2½" NST (NH)	2½"	RSM250F	108.15
2½" NST (NH)	3"	RSM25F30T	179.55

Domestic Brass Male Swivel Adapters - Pin Lug



Female NST Swivel	Male NPT	Brass Part #	Price
1½"	1½"	SM150F-D	\$108.35
2½"	2½"	SM250F-D	185.40
2½"	2"	SM25F20T-D	195.75
2½"	3"	SM25F30T-D	350.20

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Aluminum Male Rocker Lug - Suction with Poly Screen



Feature:

- suction intake with strainer screen

Female NST (NH) Thread	Male NPT Thread	Cast Brass Part #	Price
2½"	1½"	ARSMSA25F15T	\$167.45
2½"	2"	ARSMSA25F20T	222.95
2½"	2½"	ARSMSA250F	218.00
2½"	3"	ARSMSA25F30T	303.70

- All adapters are made to approved Dixon™ specifications.

Aluminum Female Swivel to Male Adapters - Rocker Lug Style N54

Female Swivel Thread	Male Rigid Thread	Aluminum Extrusion - Anodized Part #	Price
1½" NST	1½" NST	N54-15F15F	\$112.45
1½" NST	1½" NPT	N54-15F15T	145.20
1½" NST	2½" NST	N54-15F25F	115.95
1½" NPSH	1½" NPSH	N54-15S15S	121.35
1½" NPSH	1½" NPT	N54-15S15T	146.35
2½" NST	1½" NST	N54-25F15F	152.35
2½" NST	1½" NPT	N54-25F15T	155.70
2½" NST	2" NPT	N54-25F20T	163.40
2½" NST	2½" NST	N54-25F25F	123.20
2½" NST	2½" NPT	N54-25F25T	133.95
2½" NST	3" NPT	N54-25F30T	137.30
2½" NPSH	2" NPT	N54-25S20T	178.15
3" NPSH	3" NPT	N54-30S30T	214.80
4" NST	4" NST	N54-40F40F	228.10
4" NST	4" NPT	N54-40F40T	308.85
4" NST	6" NST	N54-40F60F	394.00
4½" NST	4" NPT	N54-45F40T	321.25
4½" NST	5" NST	N54-45F50F	305.65
4½" NST	6" NPT	N54-45F60T	343.00
6" NST	4" NST	N54-60F40F	413.60
6" NST	6" NPT	N54-60F60T	454.60



Aluminum Female Swivel to Male Adapters - Long Handle Style N54L

Female Thread	Male Thread	Aluminum Extrusion - Anodized Part #	Price
2½" NST	2½" NST	N54L-25F25F	\$156.45
4" NST	6" NST	N54L-40F60F	475.95
4½" NST	4" NPT	N54L-45F40T	349.00
6" NST	4" NPT	N54L-60F40T	443.00
6" NST	4½" NST	N54L-60F45F	389.35
6" NST	5" NST	N54L-60F50F	451.20
6" NST	6" NPT	N54L-60F60T	466.80



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- All adapters are made to approved Dixon™ specifications.

British Instantaneous Fittings

Features:

- polished finish
- meets BS336 specifications

Adapters

British Instantaneous female x female threads



Size		Brass Part #	Price/E
Female	Female		
2½" BRIT	2½" NST (NH)	BID250F	\$139.00
2½" BRIT	2½" NPSH	BID250S	139.00
2½" BRIT	2½" NPT	BID250T	139.00
2½" BRIT	2½" BSP	BID250B	139.00

British Instantaneous female x male threads



Size		Brass Part #	Price/E
Female	Male		
2½" BRIT	2½" NST (NH)	BIB250F	\$129.00
2½" BRIT	2½" NPSH	BIB250S	129.00
2½" BRIT	2½" NPT	BIB250T	129.00
2½" BRIT	2½" BSP	BIB250B	129.00

British Instantaneous male x female threads



Size		Brass Part #	Price/E
Male	Female		
2½" BRIT	2½" NST (NH)	BIA250F	\$102.00
2½" BRIT	2½" NPSH	BIA250S	102.00
2½" BRIT	2½" NPT	BIA250T	102.00
2½" BRIT	2½" BSP	BIA250B	102.00

British Instantaneous male x male threads



Size		Brass Part #	Price/E
Male	Male		
2½" BRIT	2½" NST (NH)	BIF250F	\$97.95
2½" BRIT	2½" NPSH	BIF250S	97.95
2½" BRIT	2½" NPT	BIF250T	97.95
2½" BRIT	2½" BSP	BIF250B	97.95

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British Instantaneous Fittings

Plug

Size	Brass Part #	Price/E
2½"	BIDP250	\$61.65



Cap

Size	Brass Part #	Price/E
2½"	BIDC250	\$126.00



Hose Shanks

Size	Brass Part #	Price/E
2½" male BRIT x 1½" hose shank	BIE150	\$118.00
2½" male BRIT x 2½" hose shank	BIE250 NEW	125.00
2½" female BRIT x 1½" hose shank	BIC150	130.00
2½" female BRIT x 2½" hose shank	BIC250 NEW	143.00



BIE150



BIC150

Long Handle Short Shank Suction Hose Females

Features:

- powder coated aluminum swivel nut
- for suction and low pressure discharge only

Female Swivel NST (NH)	Hose Size	Part #	Price
4"	4"	LHFS400F	\$140.00
4½"	4"	LHFS4045F	297.25



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Cam and Groove Adapters - Pin Lug



Features:

- pin lugs allow for easy connection using standard spanner and hydrant wrenches
- supplied with Buna-N washer in the threaded end
- see page 634 for lug wrenches

Female NST (NH)	Male Adapter	Aluminum Part #	Price
1½"	1½"	AHA1515ADP	\$56.05
2½"	2½"	AHA2525ADP	52.50



Female NST (NH)	Male Adapter	Brass Part #	Price
1½"	1½"	HA1515ADP	\$75.50
2½"	2½"	HA2525ADP	83.30

Cam and Groove x NST (NH) Adapters

Features:

- powder coated aluminum swivel nut
- for suction and low pressure discharge only
- other sizes, configurations and materials available, contact Dixon™ for information

Type D



Coupler	Female NST (NH) Thread	Aluminum Part #	Price
1½"	1½"	G150-D-ALNST	\$90.40
2"	2½"	2025-D-ALNST	110.10
2½"	2½"	G250-D-ALNST	116.75
3"	2½"	3025-D-ALNST	136.40

Type A



Adapter	Female NST (NH) Thread	Aluminum Part #	Price
1½"	1½"	G150-A-ALNST	\$80.00
2½"	2½"	G250-A-ALNST	103.75
3"	2½"	3025-A-ALNST	116.75

Type B



Coupler	Male NST (NH) Thread	Aluminum Part #	Price
1½"	1½"	G150-B-ALNST	\$85.85
2"	1½"	2015-B-ALNST	112.65
2½"	2½"	G250-B-ALNST	138.80
3"	2½"	3025-B-ALNST	155.80

Type F



Adapter	Male NST (NH) Thread	Aluminum Part #	Price
1½"	1½"	G150-F-ALNST	\$77.50
2"	2½"	2025-F-ALNST	139.95
2½"	2½"	G250-F-ALNST	125.80
3"	2½"	3025-F-ALNST	143.70

P

Dixon™ Storz Fittings

FSA-Storz x Rigid Female

Features:

- for use wherever a non-valved, locking coupling is required
- anodized components per MIL-A-8625 Type III Class 1
- Buna-N gaskets
- working pressure: **150 PSI** at 70°F (21°C)
- cast aluminum lock lever assembly on 4", 5" and 6"

Storz x NST Female

Storz Size	NST Female Thread	Forged 6061-T6 Alumium Part #	Price
1½"	1½"	FSA1515F	\$98.80
2"	1½"	FSA2015F	161.70
2"	2½"	FSA2025F	137.95
2½"	2½"	FSA2525F	148.50
3"	2½"	FSA3025F	168.75
4"	2½"	FSA4025F	223.25
4"	3"	FSA4030F	278.10
4"	4"	FSA4040F	316.00
4"	4½"	FSA4045F	336.65
4"	5"	FSA4050F	336.65
4"	6"	FSA4060F	361.85
5"	2½"	FSA5025F	412.40
5"	3"	FSA5030F	412.40
5"	4"	FSA5040F	412.40
5"	4½"	FSA5045F	430.95
5"	5"	FSA5050F	441.00
5"	6"	FSA5060F	452.50
6"	6"	FSA6060F	581.35

**Storz x NPT Female**

Storz Size	NPT Female Thread	Forged 6061-T6 Alumium Part #	Price
1½"	1"	FSA1510T	\$98.80
1½"	1½"	FSA1515T	102.95
1½"	2½"	FSA1525T	209.00
2"	1½"	FSA2015T	161.70
2"	2"	FSA2020T	119.00
2½"	1½"	FSA2515T	137.95
2½"	2"	FSA2520T	156.45
2½"	2½"	FSA2525T	173.70
2½"	3"	FSA2530T	170.65
3"	3"	FSA3030T	269.85
4"	3"	FSA4030T	317.80
4"	4"	FSA4040T	344.95
4"	5"	FSA4050T	336.65
4"	6"	FSA4060T	361.85
5"	3"	FSA5030T	412.40
5"	4"	FSA5040T	412.40
5"	5"	FSA5050T	441.00
5"	6"	FSA5060T	452.50
6"	4"	FSA6040T	554.40
6"	6"	FSA6060T	617.80

**Storz x NPS Female**

Storz Size	NPS Female Thread	Forged 6061-T6 Alumium Part #	Price
1½"	1½"	FSA1515S	\$98.80
2"	1½"	FSA2015S	161.70
2½"	2½"	FSA2525S	148.50
4"	4"	FSA4040S	344.95



Dixon™ Storz Fittings

SFSA - Storz x Swivel Female Adapter - Rocker Lug / Long Handle

Features:

- anodized components per MIL-A-8625 Type III Class 1
- Buna-N gaskets
- working pressure: **150 PSI** at 70°F (21°C)
- cast aluminum lock lever assembly on 4", 5" and 6"

Storz x NST Female Swivel

Storz Size	NST Female Swivel Thread	Forged 6061-T6 Aluminum Part #	Price
2½"	2½"	SFSA2525F	\$194.25
3"	2½"	SFSA3025F	211.95
4"	2½"	SFSA4025F	1515.45
4"	3"	SFSA4030F	407.25
4"	4"	SFSA4040F	412.65
4"	4½"	SFSA4045F	458.20
4"	5"	SFSA4050F	592.65
4"	6"	SFSA4060F	573.35
5"	2½"	SFSA5025F	518.45
5"	4"	SFSA5040F	526.95
5"	4½"	SFSA5045F	531.70
5"	6"	SFSA5060F	620.95
6"	5"	SFSA6050F	796.70
6"	6"	SFSA6060F	664.40

**Storz x NPSH Female**

Storz Size	NPSH Female Thread	Forged 6061-T6 Aluminum Part #	Price
2½"	2½"	SFSA2525S	\$199.20
3"	3"	SFSA3030S	231.95
4"	4"	SFSA4040S	412.65
5"	6"	SFSA5060S	620.95

**Storz x NST Female Swivel - Long Handle**

Storz Size	NST Female Swivel Thread	Forged 6061-T6 Aluminum Part #	Price
4"	4½"	SFSA4045F-LH	\$486.85
5"	4"	SFSA5040F-LH	562.45
5"	4½"	SFSA5045F-LH	543.85
6"	6"	SFSA6060F-LH	681.55



P

Dixon™ Storz Fittings

SFSA30 - Storz x Female Swivel 30° Elbow - Rocker Lug

Features:

- anodized components per MIL-A-8625 Type III Class 1
- Buna-N gaskets
- working pressure: **150 PSI** at 70°F (21°C)
- cast aluminum lock lever assembly on 4", 5" and 6"
- screens available for 4" and 5" heads, consult Dixon™ for information

Storz Size	NST Female Swivel Thread	Forged 6061-T6 Alumium Part #	Price
4"	4"	SFSA30-4040F	\$412.40
4"	5"	SFSA30-4050F	704.50
4"	6"	SFSA30-4060F	725.25
5"	3"	SFSA30-5030F	725.40
5"	4"	SFSA30-5040F	2617.40
5"	4½"	SFSA30-5045F	2699.00
5"	6"	SFSA30-5060F	3046.55



SFSA30 - Storz x Female Swivel 30° Elbow - Long Handle

Features:

- anodized components per MIL-A-8625 Type III Class 1
- Buna-N gaskets
- working pressure: **150 PSI** at 70°F (21°C)
- cast aluminum lock lever assembly on 4", 5" and 6"

Storz Size	NST Female Swivel Thread	Forged 6061-T6 Alumium Part #	Price
4"	4½"	SFSA30-4045F-LH	\$458.20
4"	5"	SFSA30-4050F-LH	738.85
4"	6"	SFSA30-4060F-LH	761.75



Dixon™ Storz Fittings

NCS-CSF - 150 lbs. Carbon Steel Flange x Storz



150# Flange	Storz	Carbon Steel Part #	Price
4"	5"	NCS-CSF-STZ450	\$557.55
4"	6"	NCS-CSF-STZ460	735.55
5"	4"	NCS-CSF-STZ540	559.95
5"	5"	NCS-CSF-STZ550	605.75
5"	6"	NCS-CSF-STZ560	781.40
6"	4"	NCS-CSF-STZ640	495.00
6"	5"	NCS-CSF-STZ650	495.00
6"	6"	NCS-CSF-STZ660	495.00

NCS-CSF - 150 lbs. Carbon Steel Flange x Storz with Cap



Storz	150# Flange	Carbon Steel Part #	Price
5"	6"	NCS-CSF-STZ650C	\$669.95
6"	6"	NCS-CSF-STZ660C	669.95

NEW

MSA - Storz x Rigid Male

Storz x NST Male



Storz Size	NST Male Thread	Forged 6061-T6 Alumium Part #	Price
1½"	1½"	MSA1515F	\$95.10
2"	1½"	MSA2015F	115.85
2½"	2½"	MSA2525F	142.25
3"	2½"	MSA3025F	191.20
4"	2½"	MSA4025F	284.55
4"	4"	MSA4040F	287.30
4"	4½"	MSA4045F	355.80
5"	2½"	MSA5025F	355.80
5"	5"	MSA5050F	418.10

Storz x NPT Male



Storz Size	NPT Male Thread	Forged 6061-T6 Alumium Part #	Price
1½"	1½"	MSA1515T	\$109.50
2"	1½"	MSA2015T	115.85
2½"	2"	MSA2520T	142.25
2½"	2½"	MSA2525T	166.80
2½"	3"	MSA2530T	191.20
3"	3"	MSA3030T	191.20
4"	4½"	MSA4025T	261.35
4"	4"	MSA4040T	256.20
5"	4"	MSA5040T	372.70
6"	6"	MSA6060T	500.65

Storz x NPS Male



Storz Size	NPS Male Thread	Forged 6061-T6 Alumium Part #	Price
1½"	1½"	MSA1515S	\$100.60
2"	1½"	MSA2015S	115.85
2½"	3"	MSA2530S	191.20

1½" x 1½"

P

Dixon™ Storz Fittings

SSA - Storz x Storz Adapter

Features:

- anodized components per MIL-A-8625 Type III Class 1
- Buna-N gaskets
- working pressure: **150 PSI** at 70°F (21°C)
- cast aluminum lock lever assembly on 4", 5" and 6"

Storz Size	Storz Size	Forged 6061-T6 Aluminum Part #	Price
1½"	2"	SSA1520	\$192.65
1½"	2½"	SSA1525	281.10
2"	2½"	SSA2025	238.55
2"	3"	SSA2030	186.50
2½"	3"	SSA2530	198.75
2½"	4"	SSA2540	566.95
2½"	5"	SSA2550	464.90
3"	4"	SSA3040	235.45
3"	5"	SSA3050	557.85
4"	5"	SSA4050	649.50
4"	6"	SSA4060	899.60
5"	6"	SSA5060	940.60



SSA30 - Storz x Storz 30° Elbow Adapters

Features:

- anodized components per MIL-A-8625 Type III Class 1
- Buna-N gaskets
- working pressure: **150 PSI** at 70°F (21°C)
- cast aluminum lock lever assembly on 4", 5" and 6"

Storz Size	Storz Size	Forged 6061-T6 Aluminum Part #	Price
4"	4"	SSA30-440	\$595.80
4"	5"	SSA30-450	834.20
4"	6"	SSA30-460	1061.00
5"	5"	SSA30-550	812.75
5"	6"	SSA30-560	1328.60
6"	6"	SSA30-660	1533.40



Dixon™ Storz Accessories

Threaded Storz Mounting Plates (Bracket)



Storz Size	Anodized Aluminum Part #	Price
1½" - 2½"	SMB1525	\$54.05
4" - 5"	SMB450	77.60

Storz Caps

Feature:

- 4", 5", 6" supplied with cables, 1½", 2", 2½", 3" supplied with chains




Storz Cap	Aluminum Part #	Price
1½"	SC150-NL	\$111.75
2"	SC200-NL	111.75
2½"	SC250-NL	115.75
3"	SC300-NL	158.85
4"	SC400-NL	178.80
4" ABS	SC400ABS¹	220.50
5"	SC500-NL	270.15
5" ABS	SC500ABS¹	300.00
6"	SC600-NL	437.10

¹ ABS includes airbleeder/petcock

Storz Gaskets

Features:

- gasket faces should be kept free of sand, grit, etc. and lubricated with O-ring grease or silicone 
- pressure seals have a flat face
- suction seals have a beaded face



Storz Size	Buna-N Pressure Part #	Price	Buna-N Suction Part #	Price
1½"	SGS150-NL¹	\$15.10	SGS150-NL	\$15.10
2"	SGP200	9.20	SGS200-NL	12.70
2½"	SGP250	9.20	SGS250-NL	19.70
3"	SGP300	9.20	SGS300-NL	20.50
4"	SGP400	13.80	SGS400-NL	47.25
5"	SGP500	21.25	SGS500-NL	53.40
6"	SGS600-NL¹	51.25	SGS600-NL	51.25

¹ gasket can be used for both pressure and suction service


Storz Locking Device



Description	Part #	Price
metal locking device used on 4" and 5" Storz heads with spring, screw and washer	LOCKINGDEVICE	\$31.50
metal locking device used on 6" Storz heads with spring, screw and washer	LOCKINGDEVICE6	60.00

Brass Caps Pin Lug

Features:

- finishes: -P polished, -C polished chrome plated
- NOT intended for pressure applications - for debris and thread protection only 

NST (NH) Thread	Cast Brass Part #	Price/E
1½"	<i>FC150F</i>	\$21.40
	<i>FC150F-P</i>	28.15
	<i>FC150F-C</i>	32.50
2"	<i>FC200</i> NEW	55.50
	<i>FC250F</i>	32.00
2½"	<i>FC250F-P</i>	38.40
	<i>FC250F-C</i>	40.70
	<i>FC300F</i>	153.50
3"	<i>FC300F-C</i>	176.00
	<i>FC400F</i>	201.35
4½"	<i>FC450F</i>	201.35
	<i>FC600F</i>	308.25

NPSH Thread	Cast Brass Part #	Price/E
1½"	<i>FC150</i>	\$24.45
2½"	<i>FC250</i>	43.70
3"	<i>FC300</i>	153.50
4"	<i>FC400</i>	249.40
6"	<i>FC600</i>	308.25



Rocker Lug

Feature:

- finishes: -P polished, -C polished chrome plated

NST (NH) Thread	Cast Brass Part #	Price/E
1"	<i>RFC100F</i>	\$55.20
1½"	<i>RFC150F</i>	25.15
	<i>RFC150F-P</i>	40.30
1½"	<i>RFC150F-C</i>	48.75
	<i>RFC250F</i>	33.40
2½"	<i>RFC250F-P</i>	48.55
	<i>RFC250F-C</i>	68.70
3"	<i>RFC300F</i>	173.30

NPSH Thread	Cast Brass Part #	Price/E
¾"	<i>RFC075</i>	\$46.15
1"	<i>RFC100</i>	57.10
1½"	<i>RFC150</i>	28.80
2"	<i>RFC200</i>	85.80
2½"	<i>RFC250</i>	112.30



P

Brass Hose Test Caps

Features:

- pet cock port supplied with ⅛" NPT
- drain cock port supplied with ¼" NPT

NST (NH) Thread	Brass Part #	Price/E
1½"	<i>NST150TC</i>	\$220.00
2½"	<i>NST250TC</i>	275.80



Aluminum Caps with Cable

Rocker Lug

Features:

- other configurations are available, consult Dixon™ for information, not all configurations are stocked
- aircraft cable (coated) included



Size	Thread	Extruded Hardcoated Aluminum Part #	Price/E
1"	NST (NH)	CAP100F-C	\$65.80
1½"		CAP150F-C	57.60
2"		CAP200F-C	66.70
2½"		CAP250F-C	89.35
3"		CAP300F-C	146.65
4"		CAP400F-C	193.95
4½"		CAP450F-C	269.70
5"		CAP500F-C	345.85
6"		CAP600F-C	365.85
1"	NPSH	CAP100S-C	57.60
1½"		CAP150S-C	57.60
2"		CAP200S-C	60.60
2½"		CAP250S-C	84.00

Long Handle



NST (NH) Thread	Extruded Hardcoated Aluminum Part #	Price/E
4"	CAP400F-C-LH	\$262.85
4½"	CAP450F-C-LH	310.00
5"	CAP500F-C-LH	332.20
6"	CAP600F-C-LH	453.65

Aluminum Test Caps

Feature:

- supplied with ¼" NPT drill and tap



Size	Thread	Aluminum Part #	Price/E
1"	NST	CAP100FABS	\$56.70
1½"		CAP150FABS	64.75
2"		CAP200FABS	137.85
2½"		CAP250FABS	106.10
3"		CAP300FABS	130.80
4"		CAP400FABS	267.05
4½"		CAP450FABS	314.85
5"		CAP500FABS	169.05
6"		CAP600FABS	244.65
1"	NPSH	CAP100SABS	58.45
1½"		CAP150SABS	81.25
2"		CAP200SABS	105.10
2½"		CAP250SABS	146.75
3"		CAP300SABS	112.25
4"		CAP400SABS	233.10
4½"		CAP450SABS	314.85
5"		CAP500SABS	166.80
6"		CAP600SABS	279.00

Brass Plugs Pin Lug

Features:

- finishes: -P polished, -C polished chrome plated
- NOT intended for pressure applications - for debris and thread protection only



NST (NH) Thread	Cast Brass Part #	Price/E
1½"	FP150F	\$40.10
1½"	FP150F-P	50.75
1½"	FP150F-C	53.30
2½"	FP250F	55.40
2½"	FP250F-P	68.60
2½"	FP250F-C	71.25
3"	FP300F	95.10
3"	FP300F-P	89.30
3"	FP300F-C	91.85
4"	FP400F	175.10
4½"	FP450F	420.25



Thread NPSH Thread	Cast Brass Part #	Price/E
1½"	FP150	\$40.10
2½"	FP250	63.15
3"	FP300	148.50
4"	FP400	175.10

Rocker Lug

Feature:

- finishes: -P polished, -C polished chrome plated

Thread NST (NH)	Cast Brass Part #	Price/E
1½"	RFP150F	\$82.55
1½"	RFP150F-C	94.50
2½"	RFP250F	126.35
2½"	RFP250F-C	153.50



P

Domestic Brass Plugs

Size	Brass Part #	Price/E
1½" NST (NH)	FP150F-D	\$67.10
2½" NST (NH)	FP250F-D	122.00



Specialty Caps

Stainless Steel Cap with Chain



Size	Thread	Stainless Steel Part #	Price/E
2½"	NST (NH)	RFC250F-SS	\$176.70

Domestic Brass Caps

Feature:

- other sizes, threads, and finishes available, call Dixon™ for information



Size	Brass Part #	Price/E
1½" NST (NH)	FC150F-D	\$67.45
2½" NST (NH)	FC250F-D	88.65

Iron Hydrant Caps

Features:

- pentagon fire hydrant cap
- red painted iron
- supplied with chain and ring



IHC250F



IHC450F

Size	Iron Part #	Price/E
2½" NST (NH)	IHC250F	\$56.70
2½" NYFD	IHC250NYFD	56.70
4½" NST (NH)	IHC450F	84.20

Jack Chains with S-Hooks



Length	Material	Part #	Price/E	Opt Qty
6"	brass	CH-B-6	\$8.25	10
12"	brass	CH-B-12	9.25	10
6"	stainless	CH-SS-6	9.00	10
12"	stainless	CH-SS-12	11.95	10

Aluminum Plugs with Cable

Feature:

- -NC: no cable



Size	Extruded Hardcoated Aluminum		Price/E
	NST (NH) Part #	NPSH Part #	
1½"	PLUG150F-C	PLUG150S-C	\$67.85
2½"	PLUG250F-C	PLUG250S-C	90.90
3"	PLUG300F-C	PLUG300S-C	112.95
4"	PLUG400F-C	PLUG400S-C	148.50
4½"	PLUG450F-C	PLUG450S-C	241.20
5"	PLUG500F-C	PLUG500S-C	257.70
6"	PLUG600F-C	PLUG600S-C	331.30

Cap Test Gauges

Application:

Used for testing hose or static pressure on hydrants or trucks

Features:

- rocker lug swivel
- petcock to release pressure
- supplied with a 0-300 PSI glycerine 3½" diameter gauge




NH (NST) Thread	Hardcoated Aluminum Part #	Price/E
1½"	AFC150F-TGWP	\$385.15
2½"	AFC250F-TGWP	422.40

Plastic Caps Caps with Chain

Application:

- prevents entry of foreign material and protects male outlet threads on valves and hydrants

Feature:

- NOT intended to be pressurized 

Size	Thread	Polycarbonate Part #	Price/E
1½"	NPSH	PFCW150	\$15.10
1½"	NST (NH)	PFCW150F	15.10
2"	NPSH	PFCW200	23.20
2½"	NST (NH)	PFCW250F	15.95
2½"	NYC / BAT	PFCW250NYC	15.15
2½"	NYFD	PFCW250NYF	15.15
3"	NST	PFCW300F	30.30



Pressurizable Caps with Chains

Feature:

- can be pressurized to **300 PSI**

NST (NH) Thread	Polycarbonate Part #	Price/E
2½"	PFC250F	\$39.40



Hydrant Caps

Features:

- 1⅝" pentagonal nut with weep hole
- with chain
- gasket not included

NST (NH) Thread	Polycarbonate Part #	Price/E
4½"	PFCW450F-Y	\$45.25



Features:

- 1⅝" pentagonal nut with weep hole
- gasket not included


NST (NH) Thread	Polycarbonate Part #	Price/E
2½"	PFCW250F-Y	\$12.30
4"	PFCW400F-Y	16.70



P

Universal Hose Cap

Features:

- universal push on - pull off cap protects all threads by gripping the valve or outlet on the inside of the waterway
- NOT intended to be pressurized 

Size	Polycarbonate Part #	Price/E
2½"	PFC250U	\$19.00



Caps and Plugs

Polycarbonate Breakable Cap



Application:

- prevents entry of foreign material and protects female threads on pin lug fire department inlet connections

Feature:

- used on pin lug females

Size	Polycarbonate Part #	Price/E
2½"	PBC250	\$8.00

Aluminum Breakable Cap



Features:

- for use on fire department inlet connections
- prevents entry of foreign matter and protects female threads
- breakable ears feature permits fast hose connection
- two eyebolts with nuts for attachment to female pin lug swivel
- painted red finish

Size	Aluminum Part #	Price/E
2½"	ABC250	\$10.90

FDC Plug



Features:

- fits standard 2½" NST female swivel
- withstands wide range of temperatures from **-4°F to 200°F (-20°C to 93°C)**
- 1⅞" pentagonal nut with weep hole to allow for drainage
- removed from FDC with adjustable hydrant wrench

NST (NH) Thread	Polycarbonate Part #	Price/E
2½"	PP250F	\$12.00

Adjust-A-Plug



front



back

Features:

- molded red polycarbonate protective plug for swivel connections up to 2½"
- two adjustable metal plates installed in the back of the plug can be mated with your local thread
- plug can be easily removed with a fire department spanner wrench

Polycarbonate Part #	Price/E
PAP250	\$8.00

P

Industrial Fog Nozzles

Features:

- maximum operating pressure: **175 PSI** (water only) at 70°F (21°C)
- delivers 30° - 60° - 90° fog pattern - shut-off - straight stream - fog
- U/L listed and Factory Mutual approved for class A and B fires (except noted ¹)
- supplied with bumper

Size	Thread	90° Spray GPM @ 100 PSI	Brass Part #	Price/E
¾"	GHT	---	BFN75GHT ¹	\$186.30
¾"	NPSH	---	BFN75	186.30
1"	NPSH	32	BFN100	221.80
1½"	NPSH	85	BFN150	144.75
2"	NPSH	108	BFN200 ¹	334.35
1"	NST (NH)	32	BFN100NST	221.80
1½"	NST (NH)	85	BFN150NST	144.75
2½"	NST (NH)	205	BFN250NST ¹	309.00



¹ not U/L Listed or Factory Mutual approved

Heavy Duty Industrial Fog Nozzles

Features:

- maximum operating pressure: **175 PSI** (water only) at 70°F (21°C)
- delivers 30° - 60° - 90° fog pattern - shut-off - straight stream - fog
- U/L listed and Factory Mutual approved
- supplied with bumper

Size	Thread	90° Spray GPM @ 100 PSI	Brass Part #	Price/E
1"	NPSH	---	HFN100	\$212.40
1½"	NPSH	88 (+/-12)	HFN150	179.00
1"	NST (NH)	---	HFN100NST	212.40
1½"	NST (NH)	88 (+/-12)	HFN150NST	179.00
1½"	NYFD	---	HFN150NYFD	189.00



Higher Pressure Industrial Fog Nozzles

Features:

- working pressure: **25 to 300 PSI** (water only) at 70°F (21°C)
- combination straight stream and fog - shut-off - straight stream - fog
- Factory Mutual approved
- large one-piece rubber bumper with molded teeth
- knurled base

Size	Thread	90° Spray GPM @ 100 PSI	Brass Part #	Price/E
1½"	NPSH	117	HPFN150	\$224.40
1½"	NST (NH)	117	HPFN150NST	224.40



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Industrial Washdown Nozzles

Features:

- maximum operating pressure: **100 PSI** (water only) at 70°F (21°C)
- delivers 30° - 60° - 90° fog pattern
- shut off - straight stream - fog
- supplied with bumper


Size	Thread	90° Spray GPM @ 100 PSI	Brass Part #	Price/E
1½"	NPSH	88 (+/-12)	WDN150	\$74.25
1½"	NST (NH)	88 (+/-12)	WDN150NST	74.25





Brass Electrical Fire All-Fog Nozzles

**Features:**

- maximum operating pressure: **100 PSI** (water only) at 70°F (21°C)
- delivers 30° - 60° - 90° fog pattern - shutoff to 30° fog, adjustable to 90° fog
- U/L listed and Factory Mutual approved for class C fires
- supplied with bumper
- Use of this nozzle is not likely to prove hazardous when nozzle is held in excess of 10 feet from electrical apparatus and circuits not involving more than 250,000 volts. 

Size	Thread	90° Spray GPM @ 100 PSI	Brass Part #	Price/E
1½"	NST (NH)	90	BFNE150NST	\$234.30
1½"	NPSH	90	BFNE150	234.30

Ball Shutoffs

Features:

- full time swivel base ensures the durable rubber-like handle can be positioned for easy operation
- maximum operating pressure: **100 PSI** (water only) at 70°F (21°C)



Thread	Length	Waterway	Cast Brass Part #	Price/E
1½" NST (NH)	4¾"	1-3/8"	BSO150NST	\$1363.75
1½" NPSH	4¾"	1-3/8"	BSO150S	1363.75

Replacement Part

Description	Composite Part #	Price/E
replacement handle	BSO150-H	\$81.95

Nozzle Tips

Features:

- straight stream only
- maximum operating pressure: **100 PSI** (water only) at 70°F (21°C)
- 74 GPM @ 100 PSI



Thread	Length	Orifice	Satin Brass Part #	Price/E
1" NST (NH)	4-3/4"	1/2"	BNT100F	\$154.15
1" NPSH	4-3/4"	1/2"	BNT100S	154.15
1½" NST (NH)	4-3/8"	1/2"	BNT150F	181.15
1½" NPSH	4-3/8"	1/2"	BNT150S	222.25

Domestic Rack Nozzles

Features:

- maximum operating pressure: **100 PSI** (water only) at 70°F (21°C)
- U/L listed and Factory Mutual approved for class A and B fires
- delivers 30° - 60° - 90° fog pattern - shut-off - straight stream - fog
- supplied without bumper

Size	Thread	90° Spray GPM @ 100 PSI	Brass Part #	Price/E
1½"	NST (NH)	80	BRN150NST	\$152.60
1½"	NPSH	80	BRN150	208.70



Global Rack Nozzles

Features:

- maximum operating pressure: **100 PSI** (water only) at 70°F (21°C)
- U/L listed and Factory Mutual approved for class A and B fires
- delivers 30° - 60° - 90° fog pattern - shut-off - straight stream - fog
- supplied without bumper

Size	Thread	90° Spray GPM @ 100 PSI	Brass Part #	Price/E
1½"	NST (NH)	80	BRN150NST-I	\$86.40
1½"	NPSH	93	BRN150S-I	86.40



Plain Hose Nozzles

Features:

- finish: satin
- maximum operating pressure: **100 PSI** (water only) at 70°F (21°C)

Size	Thread	ID	OD	Brass Part #	Price/E
¾"	GHT	6"	1/4"	BN6	\$41.75
¾"	NPSH	6"	1/4"	BN7	41.75
1"	NPSH	8"	5/16"	BN10	48.40
1¼"	NPSH	10"	3/8"	BN12	73.00
1½"	NPSH	10"	1/2"	BN15	59.40
2"	NPSH	12"	9/16"	BN20	106.40
2½"	NPSH	12"	1"	BN25	153.10
1"	NST (NH)	8"	5/16"	BN10F	48.40
1½"	NST (NH)	10"	1/2"	BN15F	59.40
2½"	NST (NH)	12"	1"	BN25F	153.10
1½"	NYFD	10"	1/2"	BN15NYFD	60.00
2½"	NYFD	12"	1"	BN25NYFD	175.00



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- All nozzles are made to approved Dixon™ specifications.



U/L Play Pipes with Tip



Application:

- often required in hydrant houses by Insurance Underwriters

Features:

- swivel handle, red marlin trim
- maximum operating pressure: **100 PSI** (water only) at 70°F (21°C)
- U/L listed and Factory Mutual approved
- ULT male thread specification: 2-3/16" ODM x 12 TPI
- comes standard with 1 1/8" orifice tip

Size	Female	Male	OAL	Brass Part #	Price/E
2 1/2"	NST (NH)	ULT	30"	UPP250F	\$718.35
2 1/2"	NPSH	ULT	30"	UPP250S	718.35
playpipe only				UPP250F-SPEC	585.35



Tips for U/L Play Pipe

Features:

- finish: satin
- maximum operating pressure: **100 PSI** (water only) at 70°F (21°C)
- ULT male thread specification: 2-3/16" ODM x 12 TPI



Orifice	Cast Brass Part #	Price/E
1 1/8"	UPPT	\$133.00
1 1/4"	UPPT125	175.00
1 1/2"	UPPT150	175.00
1 3/4"	UPPT175	175.00

Adjust-A-Power Nozzle



Application:

- ideal for patio, auto and boat, driveway and garden, can be used as a mop-up nozzle as it produces 50% more power than twist nozzles

Features:

- gasketed from inlet to tip it does not leak like conventional nozzles and does not require a washer
- three stainless steel ball bearings in the adjustable tip offer complete shut off, to ultra powerful pinpoint stream, to heavy spray pattern, to a solid jet stream or any setting in between
- leave nozzle in the open position when not in use
- design minimizes water usage and maximizes water velocity
- maximum operating pressure: **100 PSI** (water only) at 70°F (21°C)

Size	Thread	Brass Part #	Price/E
3/4"	GHT	AAPN75GHT	\$24.00

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Garden Hose Twist Nozzles

Feature:

- maximum operating pressure: **150 PSI** (water only)



Size	Thread	Length	Brass Part #	Price/E
3/4"	GHT	4"	BTN75	\$21.80
3/4"	GHT	7"	500-AN7	37.98

U.S. Coast Guard Approved AFFF / Water Fog Nozzles

Application:

- designed for maximum efficiency with AFFF (Aqueous Film Forming Foams) or water on shipboard, offshore rigs and industrial applications

Features:

- corrosion resistant brass construction
- rubber-like bumper and handle for added protection
- Zytel (nylon) horseshoe handle
- double row of molded teeth for excellent fog pattern
- flush without shutting down
- constant gallonage in all fog and straight stream patterns
- combination fog and straight stream
- maximum operating pressure: **100 PSI** (water/AFFF only) at 70°F (21°C)



CGSN150F



CGSN151F

Thread NST (NH)	Description	Fog Flow @100 PSI	Approval #	Brass Part #	Price/E
1½"	nozzle	95 GPM	162.027/13/0	CGSN150F	\$1789.20
1½"	nozzle w/pistol grip	95 GPM	162.027/14/0	CGSN151F¹	1962.45

Thread NPSH	Description	Fog Flow @100 PSI	Approval #	Brass Part #	Price/E
1½"	nozzle	95 GPM	---	CGSN150S	\$1789.20
1½"	nozzle w/pistol grip	95 GPM	---	CGSN151S¹	1962.45

¹ supplied with pistol grip

U.S. Coast Guard Approved Fog Nozzles

Application:

- designed to US Coast Guard specifications for fighting fires with drafted water, required equipment for all commercial vessels under US registry

Features:

- maximum operating pressure: **100 PSI** (water/AFFF only) at 70°F (21°C)
- corrosion resistant brass construction
- combination fog and straight stream for shipboard fire fighting
- applicator tips are available, consult Dixon™ for pricing and availability



Thread	Fog Flow GPM @100 PSI	Cast Brass Part #	Price/E
1½" NST	55	CGN150NST	\$1854.30
2½" NST	108	CGN250NST	2190.30
1½" NPSH	55	CGN150S	1854.30

Size	Description	Cast Brass Part #	Price/E
1½"	replacement tip	CGN150-TIP	\$375.90
2½"	replacement tip	CGN250-TIP	430.50



4AN Military Nozzle with Fog Tip

Features:

- length: 8¾"
- combination fog and straight stream to military specifications (Army, Air Force, Corps of Engineers) to former MIL-N-12314 Type II Class B
- fog tips are available, consult Dixon™ for pricing and availability



Thread	Fog Flow GPM @100 PSI	Brass	Price/E
1½" NH	65 ¹	AK2079NST	\$2415.45
1½" NST	65	AK2079S	2616.50

¹ fog flow only

FM Omega™ Monitor



Features:

- cast-in turning vanes for a more efficient flow
- 360° horizontal and 150° vertical travel
- friction loss: 10 PSI at 800 GPM (.7 bar at 3030 LPM)
- 4 bolt hole pattern on flange
- Factory Mutual approved

Size	Inlet	Outlet	Waterway	Flow	Brass Part #	Price/E
17" x 11½"	3" flange	2½" MNST	3"	1250 GPM	AK3526-300FL	\$7073.15

Brass Monitor Nozzle



Features:

- fixed teeth
- combination Straight, Stream and Fog - no shutoff
- fixed gallonage master stream nozzle
- factory set at 500 GPM (1900 lpm) field changeable to 300 or 700 GPM (1140 or 2660 LPM)
- maximum operating pressure: **100 PSI** (water only)

Size	Thread	90° Spray GPM @100 PSI	Brass Part #	Price/E
2½"	NST (NH)	NST (NH)	AK4450NST	\$2428.95

FM Steel FirePro™ Monitor



Features:

- seamless 2½" monitor - rated at 750 GPM
- carbon steel construction, stainless steel discharge tip and ball bearings
- 360° horizontal and 140° vertical travel
- red epoxy finish standard
- 150# ASA raised face 4" flange
- Factory Mutual approved

Size	Inlet	Outlet	Waterway	Flow	Carbon Steel Part #	Price/E
22" x 13"	4" flange	2½" MNST	2½"	750 GPM	FP475S	\$3780.00

FM Master Stream Nozzles



Features:

- factory set at 500 GPM
- featuring a straight stream to fog 'quick throw' pattern change
- constant gallonage
- Factory Mutual approved

Size	Thread	Material	Part #	Price/E
2½"	NST (NH)	brass	FP500B	\$2749.10
2½"	NST (NH)	aluminum	FP500A	2285.20

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Street Cleaning Nozzles



Feature:

- welded fabrication

Size	Connection	Aluminum Part #	Price/E
2"	female cam	200DBAL	\$264.05
3"	female cam	300DBAL	276.10

Street Cleaning Nozzles

Features:

- delivers a flat, centered spray pattern for flushing or street cleaning apparatus
- length: 6¾", width: 8½"
- maximum operating pressure: **100 PSI** (water only)
- flows 300 GPM @ 100 PSI



Thread	Spray Direction	Brass Part #	Price/E
2½" NPSH	center	BFSCN250C	\$1701.00
2½" NPSH	left	BFSCN250L	1701.00
2½" NPSH	right	BFSCN250R	1701.00

Heavy Duty Constant Flow Fog Nozzles

Features:

- 95 GPM constant flow
- 5" long

Size	Thread	GPM @ 100 PSI	Fiberglass Reinforced Composite Part #	Price/E
1½"	NPSH	95	CFFR150	\$117.00
1½"	NST (NH)	95	CFFR150NST	117.00



Global Forestry Fog Nozzles

Size	Thread	GPM @100 PSI Straight Stream		Anodized Aluminum Part #	Price/E
		1st	2nd		
1½"	NPSH	23.8	73.9	GFN150	\$84.85
1½"	NST (NH)	37.6	95.0	GFN150NST	84.85



Forestry Fog Nozzles

Features:

- maroon hard-coated barrel allows for easy identification
- corrosion resistant plated
- dual flow rate nozzles offer two straight stream and two fog patterns
- combination fog and straight stream
- maximum operating pressure: **600 PSI** (water only) at 70°F (21°C)

Size	Thread	GPM @100 PSI Straight Stream		6061-T6 Aluminum Part #	Price/E
		1st	2nd		
¾"	GHT	1-2 ¹	3-4 ¹	FFN75GHT	\$209.10
1"	NPSH	12	25	FFN100²	219.65
1½"	NPSH	25	70	FFN150	294.60
1"	NST (NH)	12	25	FFN100NST	219.65
1½"	NST (NH)	25	70	FFN150NST³	294.60



FFN75GHT



FFN100

¹ GPM @ 40 PSI

² FFN100 meets USFS 5100-239A and NSN 4210-01-165-6603

³ FFN150NST meets USFS 5100-107A and NSN 4210-01-167-1123

• both nozzles conform to Forestry Service specification 5100-239C and 5100-107a

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Fog Nozzles

Features:

- without bumper
- adjustable fog or straight stream
- color: black
- weight: 12 oz.
- Federal Supply Schedule certified

Size	Thread	60° Spray GPM @ 100 PSI at 21°C (70°F)	Anodized Aluminum Part #	Price/E
1"	NPSH	30	AFN100 NEW	\$238.20
1½"	NPSH	52	AFN150	299.40
1"	NST (NH)	30	AFN100NST	238.20
1½"	NST (NH)	52	AFN150NST	299.40



NEW

TriFlow Fog Nozzles

Features:

- corrosion resistant plated aluminum
- combination 170° fog and straight stream
- Venturi flow improves straight stream and gallonage
- no nozzle teeth eliminates fingers and voids in the spray pattern thus producing a dense fog



Size	Thread	Straight Stream @ 100 PSI	6061 T-6 Aluminum Part #	Price/E
1½"	NST	60-100-140	TFN150NST-140	\$434.60
1½"	NPSH	60-100-140	TFN150-140	434.60
1½"	NST	75-150-200	TFN150NST-200	434.60
1½"	NPSH	75-150-200	TFN150-200	434.60

NEW

Econo Fog Nozzles

Features:

- rugged, lightweight, corrosion resistant
- supplied without bumper
- for cabinet use, discourages theft
- for use up to 100 PSI (water only)



Size	Thread	Straight Stream @ 100 PSI	6061 T-6 Aluminum Part #	Price/E
1"	NPSH	56	EFN100	\$233.25
1"	NST	56	EFN100NST	233.25
1½"	NPSH	56	EFN150	283.35
1½"	NST	56	EFN150NST	283.35

NEW

Garden Hose Nozzles

Features:

- offers two straight streams and one fog pattern ¹
- massive bumper specially formulated to resist damage and aging
- corrosion resistant hard coat



Size	Thread	Straight Stream @ 40 PSI		6061 T-6 Aluminum Part #	Price/E
		1st	2nd		
¾"	GHT (without bumper)	1-2	3-4	GHN75	\$186.20
¾"	GHT (with bumper)	1-2	3-4	GHN75-B	233.25

¹ fog pattern is 4-5 GPM @ 40 PSI

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NEW

Industrial Pistol Grip Nozzles

Features:

- all the performance of a regular fog nozzle plus a large, comfortable pistol grip for better balance and easy control of the line
- full-time ball bearing swivel base
- corrosion resistant hard coat
- also available with 56 and 125 GPM as special order



Size	Thread	GPM @ 60 PSI	6061 T-6 Aluminum Part #	Price/E
1½"	NST	56	MFPG150NST	\$916.40
1½"	NPSH	56	MFPG150	916.40

Forestry Grade Ball Shut-Off Nozzles

Features:

- NFPA1964 compliant
- hardcoated threads, and acetal ball, rigid inlet
- maximum operating pressure: **600 PSI** at ambient temperature (70°F)
- FSS specification 5100-238

Size	Thread	Waterway	Anodized Aluminum Part #	Price/E
1"	NPSH	¾"	FBSO100S	\$384.00
1½"	NPSH	1"	FBSO150S	394.10
1"	NST (NH)	¾"	FBSO100F	398.95
1½"	NST (NH)	1"	FBSO150F	350.00



Forestry Grade Ball Shut-Off Nozzle with Pistol Grip

Features:

- NFPA1964 compliant
- hardcoated threads, and acetal ball, full time live swivel inlet
- maximum operating pressure: **600 PSI** at ambient temperature (70°F)
- FSS specification 5100-238

Size	Thread	Waterway	Anodized Aluminum Part #	Price/E
1"	NPSH	¾"	FBSO100S-PG	\$564.25
1½"	NPSH	1"	FBSO150S-PG	596.50
1"	NST (NH)	¾"	FBSO100F-PG	520.70
1½"	NST (NH)	1"	FBSO150F-PG	596.50



Break Apart Attack Nozzles

Application:

- low-cost, versatile, and easy-to-use nozzle for first responders in rural and suburban fire departments

Features:

- minimal training is required to connect and operate the nozzle
- nozzle uses a 1½" coupler, provides 20-90 GPM fog or straight stream flows at **100 PSI**
- nozzle can be separated from the shut off valve for extended hose lays and other uses
- this product meets or exceeds USDA Forestry Service standards

Size	Thread	Aluminum Part #	Price/E
1"	NPSH	ABN100S	\$807.85
1"	NST (NH)	ABN100F	807.85
1½"	NPSH	ABN150S	897.85
1½"	NST (NH)	ABN150F	897.85



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Tip for Ball Shut-Off Nozzles

Features:

- lightweight
- maximum operating pressure: **200 PSI** (water only) at ambient temperature (70°F)

Size	Thread	Orifice ¹	Length	Anodized Aluminum Part #	Price/E
1"	NPSH	½"	4"	ANT100	\$261.60
1½"	NPSH	½"	4¾"	ANT150	238.55
1"	NST (NH)	½"	4"	ANT100F	271.80
1½"	NST (NH)	½"	4¾"	ANT150F	238.55



¹ other orifice sizes available, contact Dixon™

Single Gallonage Constant Flow Nozzles



Features:

- for use up to **100 PSI** (water only)
- live swivel inlet
- spinning teeth

Size	Thread	Constant GPM @ 100 PSI	Aluminum Part #	Price/E
1"	NST (NH)	40	AK4802F ¹	\$2065.95
1½"	NST (NH)	125	AK4820F ¹	2100.00
2½"	NST (NH)	200	AK4825F	2430.90

¹ supplied with pistol grip

Adjustable Constant Gallonage Constant Flow Nozzles



Features:

- for use up to **100 PSI** (water or foam only)
- live swivel inlet
- multiple flow settings for a combination of flow and control, tight, straight stream and wide, dense fog pattern
- quality flow performance as low as 50 PSI

Size	Thread	Constant GPM @ 100 PSI	Aluminum Part #	Price/E
1"	NST (NH)	13-25-40-60	AK1702F ¹	\$3315.40
1½"	NST (NH)	30-60-95-125	AK1720F ¹	2993.80
2½"	NST (NH)	125-150-200-250	AK1725F	3423.65

¹ supplied with pistol grip

Ball Shutoff Nozzles - Bolted Style



Features:

- rugged and lightweight
- cast aluminum body with pistol grip
- hardcoated female swivel inlet and male outlet
- maximum operating pressure: **200 PSI** (water only) at 70°F (21°C)

Size	Thread	Waterway	Cast Aluminum Part #	Price/E
1½"	NST (NH)	1⅜"	ACPSO150F	\$355.00
1½"	NPSH	1⅜"	ACPSO150	355.00

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Pistol Grip Adapters



Features:

- converts any standard fog nozzle to a well-balanced, easy to hold pistol grip fog nozzle making the job of holding high pressure lines easier
- full-time ball bearing swivel base
- corrosion resistant
- heat treated aluminum construction for minimum weight
- hardcoated per MIL-A-8625-F TYPE 111, (Polylube 1)

Size	Thread	6061 T-6 Aluminum Part #	Price/E
1"	NST	PGA100NST	\$463.95
1½"	NST	PGA150NST	463.95
1½"	NPSH	PGA150NPSH	463.95
2½"	NST	PGA250NST	601.40

Single Gallonage Shut-off Nozzles



Features:

- PTFE hard-coated for greater corrosion resistance and durability
- lightweight and easily maneuvered
- full-time ball bearing swivel base
- metal ball with non-stick Delrin® seats
- 1-1/16" waterway

Size	Thread	GPM @ 100 PSI	Aluminum Part #	Price/E
1"	NST	95	BVSO100NST	\$1648.00
1"	NPSH	95	BVSO100	1648.00
1½"	NST	95	BVSO150NST	1648.00
1½"	NPSH	95	BVSO150	1648.00
1½"	NST	125	BVSO150NST-125	1648.00
1½"	NPSH	125	BVSO150-125	1882.25



Dual Gallonage Shut-off Nozzles



Features:

- PTFE hard-coated for greater corrosion resistance and durability
- lightweight and easily maneuvered
- full-time ball bearing swivel base
- metal ball with non-stick Delrin® seats
- 1-1/16" waterway

Size	Thread	GPM @ 100 PSI	Aluminum Part #	Price/E
1"	NST	25 - 70	BVDSO100NST	\$1648.00
1"	NPSH	25 - 70	BVDSO100	1648.00
1½"	NST	25 - 70	BVDSO150NST	1648.00
1½"	NPSH	25 - 70	BVDSO150	1648.00



Adjustable Tri-Flo Selectable Gallonage Nozzles



Features:

- corrosion resistant plated with Neoprene bumper
- full-time ball bearing swivel base
- dense fog delivery with no voids or fingers in pattern
- metal ball with non-stick Delrin® seats

Size	Thread	Straight Stream GPM @ 100 PSI	Aluminum Part #	Price/E
1½"	NST	60 - 100 - 140	BVTSO150NST	\$1648.00
1½"	NPSH	60 - 100 - 140	BVTSO150	1648.00
1½"	NST	75 - 150 - 200	BVTSO150NST-200	1846.00
1½"	NPSH	75 - 150 - 200	BVTSO150-200	1846.00
2½"	NST	100 - 200 - 300	BVTSO250NST	1882.25



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Full Flow Industrial Shut-Off / Nozzles



Features:

- metal bail and handle (no plastic)
- full 1½" waterway
- rubber pistol grip
- maximum operating pressure: **200 PSI** (water only) at 70°F (21°C)

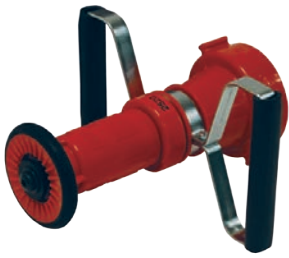
Size	Description	NPSH Aluminum Part #	Price/E	NST Aluminum Part #	Price/E
1½"	shut-off only	FFBSO150	\$334.55	FFBSO150NST	\$334.55
1½"	shut-off with integral fog nozzle	FFBSO150	480.00	FFBSO150NST	480.00



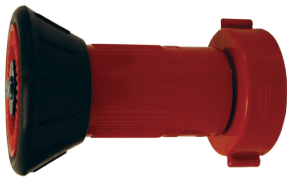
Constant Flow Fog Nozzles

Features:

- red polycarbonate with bumper and black plastic and steel stem
- provides consistent volume at any spray angle
- adjusts from straight stream to fog
- 1" and 1½" are ULC listed
- maximum operating pressure: **100 PSI** (water only) at 70°F (21°C)



2½" nozzle with handles
CFB250NST



2½" nozzle without handles
HGCFB250NST




1½" nozzle

Size	Thread	90° Spray GPM @ 100 PSI	Polycarbonate Part #	Price/E
¾"	GHT	8	CFB75GHT	\$30.00
1"	SIPT	22	CFB100S	32.70
1½"	SIPT	75	CFB150S ¹	28.05
1½"	SIPT	150	HGCFB150S ²	98.20
2"	SIPT	75	CFB2015S ¹	63.85
2"	SIPT	150	CFB200S ²	89.60
1"	NST (NH)	22	CFB100NST	32.70
1½"	NST (NH)	75	CFB150NST ¹	28.05
1½"	NST (NH)	150	HGCFB150NST ²	98.20
2½"	NST (NH)	150	CFB250NST ³	178.80
2½"	NST (NH)	215	HGCFB250NST ^{2,4}	229.10
1½"	NYF	75	CFB150NYF ¹	28.05
2½"	NYF	150	CFB250NYF ³	202.20
1½"	CF	75	CFB150CF ¹	31.25
2½"	CF	150	CFB250CF ³	202.20
2½"	NYC	150	CFB250NYC ³	202.20

¹ standard flow

² high flow

³ provided with handles

⁴ intended for firefighting use only - nozzle will shut off automatically if not fully manned (both hands) 

- NYF – New York Fire Dept. Thread 1½" (2.100 ODM X 8 TPI) — 2½" (3.030 ODM X 8 TPI)
- CF – Chicago Fire Dept. Thread 1½" (1.933 ODM X 11.5 TPI) — 2½" (2.990 ODM X 7.5 TPI)
- NYC – New York Corporation Thread 1½" (2.093 ODM X 11 TPI) — 2½" (3.000 ODM X 8 TPI)
- Also available CSA, BAT, NSS

Blue Refinery Fog Nozzles

Features:

- blue polycarbonate with bumper and black plastic and steel stem
- glass-filled
- provides consistent volume at any spray angle
- adjusts from Straight Stream to Fog
- resistant to petrochemicals
- maximum operating pressure: **100 PSI** (water only) at 70°F (21°C)



P

Size	Thread	90° Spray GPM @ 100 PSI	Polycarbonate Part #	Price/E
1½"	SIPT	75	RNB150S	\$34.50
1½"	NST (NH)	75	RNB150NST	34.50

Gaskets

Feature:

- used on constant flow and refinery fog nozzles



Size	Thread	ID	OD	Thickness	Buna-N Part #	Price/E
1"	SIPT	0.900"	1.270"	0.125"	CFG100S	\$2.65
1½"	SIPT	1.510"	1.878"	0.125"	CFG150S	2.70
2"	SIPT	1.680"	2.340"	0.156"	CFG200S	2.80
1"	NST (NH)	0.900"	1.270"	0.125"	CFG100NST	2.65
1½"	NST (NH)	1.510"	1.906"	0.125"	CFG150NST	2.70
2½"	NST (NH)	2.250"	3.000"	0.187"	CFG250NST	2.95

- dimensions are nominal

Fog Nozzles

Features:

- shutoff - straight stream - fog
- maximum operating pressure: **100 PSI** (water only) at 70°F (21°C)

Size	Thread	90° Spray GPM @ 100 PSI	Polycarbonate w/ Brass Stem with Bumper		Polycarbonate w/ Brass Stem without Bumper	
			Part #	Price/E	Part #	Price/E
¾"	GHT	8 ^{1,2}	FNB75GHT	\$40.80	---	---
¾"	NPS	30.9 ²	FNB75S	40.80	---	---
1"	NPS	11.4 ²	FNB100S	48.50	FN100S	\$48.35
1"	NPS	30.9	HGB100S	63.25	---	---
1½"	NPS	83.6	FNB150S	45.35	FN150S	41.50
1"	NST (NH)	11.4	FNB100NST	48.50	FN100NST	48.35
1"	NST (NH)	30.9	HGB100NST	63.25	---	---
1½"	NST (NH)	83.6	FNB150NST	45.35	FN150NST	41.50

¹ standard flow

² 120° spray GPM @100 PSI




nozzle with bumper
FNB150NST



nozzle without bumper
FN150NST

Factory Mutual Approved Fog Nozzles

Features:

- brass stem with locking nut
- shutoff-straight-stream-fog
- wings on sleeve for ease of adjustment
- maximum operating pressure: **100 PSI** (water only) at 70°F (21°C)
- SL series nozzles are Factory Mutual approved 

Size	Thread	90° Spray GPM @ 100 PSI	Factory Mutual approved		Factory Mutual approved Global	
			Polycarbonate with Bumper Part #	Price/E	Polycarbonate without Bumper Part #	Price/E
¾"	GHT	30.9 ¹	SL075GHT	\$49.15	---	---
¾"	NPSH	30.9 ¹	SL075	48.20	---	---
1"	NPSH	30.9 ¹	SL100	51.25	PFNB100S	\$21.65
1½"	NPSH	75	SL150	70.45	PFNB150S	30.65
1½"	NST (NH)	75	SL150NST	70.45	PFNB150NST	27.00

¹ 120° spray on ¾" and 1"



Polycarbonate Electrical Fire All-Fog Nozzles

Features:

- opens and closes in a 30° fog pattern up to 120°- no straight stream
- maximum operating pressure: **100 PSI** (water only) at 70°F (21°C)

Size	Thread	75° Spray GPM @ 100 PSI	Polycarbonate with Brass Stem Part #	Price/E
1½"	NPS	92	FNBE150S	\$46.10
1½"	NST (NH)	92	FNBE150NST	46.10



P

Gaskets for Fog Nozzles

Size	Thread	ID	OD	Thickness	Buna-N Part #	Price/E
1"	NPSH	0.937"	1.234"	0.125"	FNG100S	\$4.25
1"	NPSH	1.000"	1.375"	0.125"	HGG100S	4.55
1½"	NPSH	1.500"	1.827"	0.125"	FNG150S	3.25
1"	NST (NH)	0.937"	1.281"	0.125"	FNG100NST	4.25
1"	NST (NH)	1.000"	1.375"	0.125"	HGG100NST	4.55
1½"	NST (NH)	1.510"	1.906"	0.125"	FNG150NST	3.25

- dimensions are nominal



Constant Flow Nozzles



Features:

- shatterproof and UV resistant polycarbonate withstands tough environmental conditions
- seals used for true water shut off
- easy twist spray pattern adjustment
- sold in case quantity only, with display
- 25 nozzles per case

Thread	45° Spray GPM @ 100 PSI	Color	Global Part #	Price/E
3/4" GHT	25.1	green	FNB75GHT-GD	\$493.00
3/4" GHT	25.1	clear	CNB75GHT-GD	493.00



Constant Flow Nozzles with Bumper



Feature:

- can be used as a replacement nozzle in the display case GNB75GHT-GD

Thread	45° Spray GPM @ 100 PSI	Color	Plastic Part #	Price/E
3/4" GHT	8	green	GNB75GHT (domestic)	\$26.20
3/4" GHT	25.1	clear	CNB75GHT (global)	21.20



Red Plain Hose Nozzles

Feature:

- maximum operating pressure: **100 PSI** (water only) at 70°F (21°C)



Size	Thread	Length	Orifice	Red Polycarbonate Part #	Price/E
1 1/2"	NPSH	10"	1/2"	PN15	\$18.00
1 1/2"	NPSH	10"	1/2"	PN15CF	18.00
1 1/2"	NST (NH)	10"	1/2"	PN15F	18.00
1 1/2"	NST (NH)	10"	1/2"	PN15NYFD	18.00

Penetrator Nozzles

Features:

- designed with standard 1 1/2" NPSH male hose threads that are converted to female thread for connection to the hose using a double female rigid connector
- 1/4" discharge orifice generates a high velocity water jet that is effective against deep seated wildland fires
- maximum operating pressure: **200 PSI** (water only) at ambient temperature (70°F)



Size	Thread	Length	Orifice	Polycarbonate Part #	Price/E
1 1/2"	NPSH	5 1/2"	1/4"	PFN4005S	\$51.55
1 1/2"	NST (NH)	5 1/2"	1/4"	PFN4005F	51.55

Twin Tip Straight Stream Forestry Nozzles

Features:

- molded high strength red polycarbonate
- solid, one-piece reversible twin tip has 1/4" and 3/8" orifices
- maximum operating pressure: **100 PSI** (water only) at ambient temperature (70°F)



Size	Thread	Length with tip	Length without tip	Orifice of base nozzle	Polycarbonate Part #	Price/E
1 1/2"	NPSH	9"	7 1/2"	1/2"	PTTF150S	\$32.10
1 1/2"	NST (NH)	9"	7 1/2"	1/2"	PTTF150F	32.10

Spanner and Hydrant Wrenches Universal Spanner Wrench

Features:

- for ¾" to 3" pin lug and rocker lug couplings
- includes gas cock shutoff, pry bar and belt hook eye
- overall length 11 7/8"

Aluminum Part #	Price/E	Pkg Qty
USW	\$24.70	25



Universal Wrench

Features:

- for pin lug or rocker lug couplings 1" - 4 1/2"
- a gas cock shutoff is provided in the handle
- red epoxy painted
- overall length 11 3/4"

Iron Part #	Price/E
233	\$43.20



Hole Type Spanner Wrench

Features:

- designed for use on ¾" and 1" booster hose couplings
- overall length is 7 1/2"

AL-MAG 35 Part #	Price/E
HTSW	\$15.00



Storz Hydrant Wrench

Features:

- fits 4" and 5" Storz
- ductile iron head
- knurled chrome plated handle
- manganese bronze adjustable jaw
- includes adjustable hydrant nut wrench

Part #	Price/E
SAHW	\$100.00



Folding Pocket Spanner Wrenches

Features:

- for pentagon nuts up to 1 3/4"
- built-in spanner for pin or rocker lug couplings
- overall length 16 1/4"

Material	Part #	Price/E
aluminum	PSW	\$43.00
brass	PSW-B	171.10
die cast zinc	PSW-Z	41.35
yellow plastic	PSW-Y	86.65



P

Adjustable Hydrant Wrench

Features:

- fits ¾" to 3" rocker lug and pin lug couplings
- a compact wrench easily carried in your jacket pocket

Part #	Price/E	Pkg Qty
AHW	\$40.20	20



Spanner and Hydrant Wrenches

Pigtail Adjustable Hydrant Wrench

Feature:

- double spanner head fits pin lug or rocker (sensible) lug couplings, pentagon nuts up to 1½" from point to flat, 1½" - 6" rocker lug caps, 2" - 4½" pin lug caps, and square nuts up to 1½"



Part #	Price/E
AHWPT	\$69.25

Heavy Duty Adjustable Hydrant Wrench

Features:

- for pentagon hydrant nuts up to 1¾" from point to flat
- notched to fit 1¼" square hydrant nut
- spanner for pin lug and sensible (rocker) lug couplings, 1½" thru 6"
- plated iron head, ⅞" plated steel handle
- overall length 18"



Part #	Price/E	Pkg Qty
189	\$38.70	15

Double Head Adjustable Hydrant Wrench

Features:

- for pentagon hydrant nuts up to 1⅞" and square heads up to 1½"
- fits ¾" - 6" rocker lug or pin lug couplings, can also be used for long handle couplings
- ductile iron head with a deeply knurled chrome plated steel handle
- replaceable adjustable jaw is made of manganese bronze
- overall length 19½"



Part #	Price/E
189DH	\$86.25

5 Hole Hydrant Wrench

Features:

- 5 pentagon holes designed to fit common hydrant nut sizes
- built-in spanner for pin or rocker lug couplings
- overall length: 14¼"



Plated Iron Part #	Price/E	Pkg Qty
PHW	\$24.00	25

Grip-All Spanner Wrench

Features:

- fits ¾" - 6" split lug, rocker lug and pin lug couplings
- can be operated in tight quarters
- gas cock shutoff is provided in the handle, handle is shaped to fit your hand allowing a positive grip on the coupling



Aluminum Part #	Price/E
GAW	\$23.25

Additional spanner wrenches on pages 631-634

Spanner and Hydrant Wrenches

Hydrant Wrenches



Application:

- used for hydrant work by water works companies and on construction sites

Feature:

- overall length 15"

Features:

- fits up to 4" pin lug or rocker lug couplings
- complete with pry bar

Description	A356 Aluminum Part #	Price/E
1¼" square hydrant wrench	DF16-180	\$38.00



Features:

- fits up to 2½" pin lug or rocker lug couplings
- complete with pry bar and 1¼" nut wrench

Description	A356 Aluminum Part #	Price/E
lug / drum wrench	DF16-181	\$37.00



Long Handle Suction Spanner Wrench

Features:

- use on long handle, rocker lug, or pin lug couplings from 2½" - 6"
- open end slips over long handles for additional leverage, the claw fits rocker lugs or pin lugs, the other end can be used as a pry or crowbar
- inverted "T" body construction for lighter weight and improved strength
- can be used on Dixon™'s cam and groove pin lug or trapezoidal lug tank car adapters or 8" pin lug couplings
- overall length 18¾"

Plated Iron Part #	Price/E
LHW	\$439.95



Forestry Hose Clamp and Spanner

Features:

- material: cast aluminum and brass
- off-set handle enables the user to easily operate the clamp while wearing gloves
- to be used with lightweight 1" and 1½" hoses for pressures up to 200 PSI
- when clamped onto the hose the brass locking device safely holds the clamp in position, a spanner is an integral part of the clamp
- overall length 10"

Cast Aluminum Part #	Price/E
FHCS150	\$199.55



Forestry Pocket Spanner Wrenches

Features:

- FSW1: for use on 1" hoses only
- FSW2: for 1" and 1½" hose couplings
- overall length 5"
- meets USFDA specification 5100-101C

Aluminum Part #	Price/E
FSW1	\$47.25
FSW2	47.25



Storz Wrenches

Pin Lug Spanner Wrenches - Single End



Size	Plated Iron Part #	Price/E
2"	SW20	\$10.15
2½"	SW25	11.55
3"	SW30	13.25
4"	SW40	13.85
6"	SW60	84.85

Pin Lug Spanner Wrenches - Double End



Size	Plated Iron Part #	Price/E
1½", 2" x 2½", 3"	SW153	\$25.50

Storz Spanner Wrench - Single End



SZW2

Features:

- SW1530 fits 1½" - 3" Storz
- SZW2 for use on 4" and 6" Storz



SW1530

Storz Size	Material	Part #	Price/E
1½" - 3"	AL-MAG 35	SW1530	\$66.00
4" - 6"	AL-MAG 35	SZW2	23.23

Storz Spanner Wrenches - Double End



SZW2-NL



SW-S400

Used On	Material	Part #	Price/E
2" - 5"	aluminum	SZW2-NL	\$61.20
2" - 5"	steel	SW-S400	50.00

Holder with (2) Wrenches - Double Ended



Part #	Description	Price/E
SWB-2	2 Storz aluminum wrenches (2½" - 5") with bracket	\$181.30
SWB-S-2	2 Storz steel wrenches (2½" - 5") with bracket	175.70
SWB-S-4	4 Storz steel wrenches (2½" - 5") with bracket	261.60

P

Synthetic Single Jacket Mill Hose

Application:

- Used in open end water discharge applications only. Not intended for fire fighting service.



Features:

- outer construction: single jacket, all polyester
- tube construction: black, PVC rubber
- rated pressure: **250 PSI** at ambient temperature (70°F)
- working pressure: **112 PSI** at ambient temperature (70°F)
- Consult Dixon™ for pricing and availability on 75' lengths and other threads and configurations.

Uncoupled

Size	Bowl	Length	Part #	Price/E
1"	1-1/4"	50'	<i>M10-50UC</i>	\$91.55
1"	1-1/4"	100'	<i>M10-100UC</i>	183.00
1"	1-1/4"	300'	<i>M10-300UC</i>	480.10
1½"	1-11/16"	25'	<i>M15-25UC</i>	50.45
1½"	1-11/16"	50'	<i>M15-50UC</i>	101.00
1½"	1-11/16"	100'	<i>M15-100UC</i>	202.00
2"	2-3/8"	25'	<i>M20-25UC</i>	58.30
2"	2-3/8"	50'	<i>M20-50UC</i>	117.00
2"	2-3/8"	100'	<i>M20-100UC</i>	234.00
2½"	2-11/16"	25'	<i>M25-25UC</i>	80.75
2½"	2-11/16"	50'	<i>M25-50UC</i>	161.00
2½"	2-11/16"	100'	<i>M25-100UC</i>	323.00
3"	3-3/8"	25'	<i>M30-25UC</i>	96.60
3"	3-3/8"	50'	<i>M30-50UC</i>	193.00
3"	3-3/8"	100'	<i>M30-100UC</i>	387.00
4"	4-3/8"	25'	<i>M40-25UC</i>	147.00
4"	4-3/8"	50'	<i>M40-50UC</i>	294.00
4"	4-3/8"	100'	<i>M40-100UC</i>	588.00
6"	6-3/8"	25'	<i>M60-25UC</i>	259.00
6"	6-3/8"	50'	<i>M60-50UC</i>	518.00

NEW



Synthetic Single Jacket Mill Hose

Application:

- Used in open end water discharge applications only. Not intended for fire fighting service.



Features:

- outer construction: single jacket, all polyester
- tube construction: black, PVC rubber
- rated pressure: **250 PSI** at ambient temperature (70°F)
- working pressure: **112 PSI** at ambient temperature (70°F)
- Consult Dixon™ for pricing and availability on 75' lengths and other threads and configurations.

Coupled with NPSH female and male expansion ring couplings



Size	Length	Part #	Price
1½"	50'	M15-50RAS	\$204.50
1½"	100'	M15100RAS	284.40
2"	50'	M20-50RAS	284.40
2"	100'	M20100RAS	383.30
2½"	50'	M25-50RAS	315.30
2½"	100'	M25100RAS	474.50

Coupled with NST female and male expansion ring couplings



Size	Length	Part #	Price
1½"	50'	M15-50RAF	\$194.75
1½"	100'	M15100RAF	284.40
2½"	25'	M25-25RAF	225.25
2½"	50'	M25-50RAF	315.30
2½"	100'	M25100RAF	474.50

Coupled with MNPT x MNPT male expansion ring couplings



Size	Length	Part #	Price
1½"	50'	M15-50RAT	\$234.40
1½"	100'	M15100RAT	329.90
2"	50'	M20-50RAT	284.40
2"	100'	M20100RAT	393.80

- 75' lengths and other threads and configurations are available, contact Dixon™

Synthetic Single Jacket Mill Hose

Application:

- used in open end water discharge applications only, not intended for fire fighting service



Features:

- outer construction: single jacket, all polyester
- tube construction: black, PVC rubber
- Consult Dixon™ for pricing and availability of additional lengths and other configurations.

Coupled with NPSH female and male King™ short shank couplings, crimp sleeve, Aluminum shank with brass pin lug swivel nut

Size	Length	Working Pressure PSI at 70°F	Part #	Price/E
1½"	25'	75	<i>M15-25KAS</i>	\$98.85
1½"	50'	75	<i>M15-50KAS</i>	159.50
2"	25'	75	<i>M20-25KAS</i>	115.00
2"	50'	75	<i>M20-50KAS</i>	179.30
2½"	25'	50	<i>M25-25KAS</i>	148.00
2½"	50'	50	<i>M25-50KAS</i>	230.30
3"	25'	50	<i>M30-25KAS</i>	203.75
3"	50'	50	<i>M30-50KAS</i>	291.10



Coupled with NST (NH) female and male King™ short shank couplings, crimp sleeve, Aluminum shank with brass pin lug swivel nut

Size	Length	Working Pressure PSI at 70°F	Part #	Price/E
1½"	25'	75	<i>M15-25KAF</i>	\$113.35
1½"	50'	75	<i>M15-50KAF</i>	160.35
2½"	25'	50	<i>M25-25KAF</i>	177.90
2½"	50'	50	<i>M25-50KAF</i>	254.70



Coupled with female and male (C & E) global aluminum cam and groove, crimp sleeve

Size	Length	Working Pressure PSI at 70°F	Part #	Price/E
1½"	25'	112	<i>M15-25GAX</i>	\$124.75
1½"	50'	112	<i>M15-50GAX</i>	185.25
2"	25'	112	<i>M20-25GAX</i>	142.35
2"	50'	112	<i>M20-50GAX</i>	199.40
2½"	25'	112	<i>M25-25GAX</i>	174.45
2½"	50'	112	<i>M25-50GAX</i>	245.75
3"	25'	112	<i>M30-25GAX</i>	217.30
3"	50'	112	<i>M30-50GAX</i>	272.30
4"	25'	112	<i>M40-25GAX</i>	275.10
4"	50'	112	<i>M40-50GAX</i>	448.35




- additional lengths and configurations are available, contact Dixon™


P

Synthetic Double Jacket Mill Hose

Application:

- ideal for open end discharge applications, not intended for fire fighting service 

Features:

- outer construction: double jacket, all polyester
- tube construction: black, PVC rubber
- rated pressure: **250 PSI** at 70°F
- working pressure: **200 PSI** at 70°F
- double jacket hoses are **not** recommended for use with field reattachable couplings 



Uncoupled


Size	Bowl	Length	Part #	Price/E
1½"	1-13/16"	50'	DM15-50UC	\$181.00
1½"	1-13/16"	100'	DM15-100UC	363.00
2"	2-5/16"	50'	DM20-50UC	223.00
2"	2-5/16"	100'	DM20-100UC	445.00
2½"	2-7/8"	50'	DM25-50UC	268.00
2½"	2-7/8"	100'	DM25-100UC	537.00

Coupled with female and male NST (NH) thread, rocker lug, aluminum expansion ring couplings

Size	Bowl	Length	Part #	Price/E
1½"	1-13/16"	50'	DM15-50RAF	\$275.85
1½"	1-13/16"	100'	DM15100RAF	435.85
2½"	2-7/8"	50'	DM25-50RAF	376.70
2½"	2-7/8"	100'	DM25100RAF	647.55



Coupled with female and male NPSH thread, rocker lug, aluminum expansion ring couplings

Size	Bowl	Length	Part #	Price/E
1½"	1-13/16"	50'	DM15-50RAS	\$236.50
1½"	1-13/16"	100'	DM15100RAS	435.85
2"	2-5/16"	50'	DM20-50RAS	314.40
2"	2-5/16"	100'	DM20100RAS 	480.25
2½"	2-7/8"	50'	DM25-50RAS	371.55
2½"	2-7/8"	100'	DM25100RAS	647.55

P



Coupled with male (NPT) x male (NPT) thread, rocker lug, aluminum expansion ring couplings

Size	Bowl	Length	Part #	Price/E
1½"	1-13/16"	50'	DM15-50RAT	\$296.75
1½"	1-13/16"	100'	DM15100RAT	435.85
2"	2-5/16"	50'	DM20-50RAT	372.50
2"	2-5/16"	100'	DM20100RAT	573.40
2½"	2-7/8"	50'	DM25-50RAT	434.30
2½"	2-7/8"	100'	DM25100RAT	663.00

- 75' lengths and other threads and configurations are available, consult Dixon™

Nitrile Washdown Hose

Application:

- ideal for industrial, agricultural and construction washdown and discharge applications, not for firefighting



Features:

- resistant to weather and abrasion
- working pressure: see chart below

Uncoupled

Size	Color	Bowl	Length	Working Pressure	Part #	Price/E	
1"	black	1¼"	50'	200 PSI	<i>WDH10BK50UC</i>	\$334.60	
1"	black	1¼"	100'		<i>WDH10BK100UC</i>	669.20	
1"	yellow	1¼"	50'		<i>WDH10Y50UC</i>	334.60	
1"	yellow	1¼"	100'		<i>WDH10Y100UC</i>	669.20	
1"	blue	1¼"	50'		<i>WDH10BL50UC</i>	334.60	
1"	blue	1¼"	100'		<i>WDH10BL100UC</i>	669.20	
1½"	black	1-13/16"	50'		<i>WDH15BK50UC</i>	225.95	
1½"	black	1-13/16"	100'		<i>WDH15BK100UC</i>	451.90	
2"	black	2-5/16"	50'		<i>WDH20BK50UC</i>	251.40	
2"	black	2-5/16"	100'		<i>WDH20BK100UC</i>	502.80	
2½"	black	2-13/16"	50'		<i>WDH25BK50UC</i>	352.15	
2½"	black	2-13/16"	100'		<i>WDH25BK100UC</i>	704.30	
3"	black	3¾"	50'		150 PSI	<i>WDH30BK50UC</i>	601.80
3"	black	3¾"	100'			<i>WDH30BK100UC</i>	1203.60
4"	black	4¾"	50'	<i>WDH40BK50UC</i>		742.10	
4"	black	4¾"	100'	<i>WDH40BK100UC</i>		1484.20	
6"	black	6¾"	50'	<i>WDH60BK50UC</i>		977.45	
6"	black	6¾"	100'	<i>WDH60BK100UC</i>		1954.90	



NEW

Nitrile Washdown Hose

Application:

- ideal for industrial, agricultural and construction washdown and discharge applications, not for firefighting



Features:

- resistant to weather and abrasion
- working pressure: 200 PSI

Coupled with NPSH female and male expansion ring couplings



Size	Length	Part #	Price
1½"	50'	<i>WDH15BK50RAS</i>	\$325.10
1½"	100'	<i>WDH15BK100RAS</i>	548.45
2"	50'	<i>WDH20BK50RAS</i>	394.60
2"	100'	<i>WDH20BK100RAS</i>	646.60
2½"	50'	<i>WDH25BK50RAS</i>	394.60
2½"	100'	<i>WDH25BK100RAS</i>	646.60

Coupled with NST female and male expansion ring couplings



Size	Length	Part #	Price
1½"	50'	<i>WDH15BK50RAF</i>	\$325.10
1½"	100'	<i>WDH15BK100RAF</i>	855.65
2½"	25'	<i>WDH25BK25RAF</i>	327.30
2½"	50'	<i>WDH25BK50RAF</i>	503.45
2½"	100'	<i>WDH25BK100RAF</i>	486.85

Coupled with MNPT x MNPT male expansion ring couplings




Size	Length	Part #	Price
1½"	50'	<i>WDH15BK50RAT</i>	\$325.10
1½"	100'	<i>WDH15BK100RAT</i>	548.45
2"	50'	<i>WDH20BK50RAT</i>	418.10
2"	100'	<i>WDH20BK100RAT</i>	670.10

P

Nitrile Washdown Hose

NEW**Application:**

- ideal for industrial, agricultural, chemical and construction washdown and discharge applications, not for firefighting 

Feature:

- resistant to weather and abrasion

Coupled with NPSH female and male King™ short shank couplings, crimp sleeve, aluminum shank with brass pin lug swivel nut

Size	Length	Part #	Price
1½"	25'	<i>WDH15BK25KAS</i>	\$207.35
1½"	50'	<i>WDH15BK50KAS</i>	257.75
2"	25'	<i>WDH20BK25KAS</i>	227.90
2"	50'	<i>WDH20BK50KAS</i>	353.90
2½"	25'	<i>WDH25BK25KAS</i>	310.70
2½"	50'	<i>WDH25BK50KAS</i>	486.85
3"	25'	<i>WDH30BK25KAS</i>	408.95
3"	50'	<i>WDH30BK50KAS</i>	635.15



Coupled with NST (NH) female and male King™ short shank couplings, crimp sleeve, aluminum shank with brass pin lug swivel nut

Size	Length	Part #	Price
1½"	25'	<i>WDH15BK25KAF</i>	\$220.85
1½"	50'	<i>WDH15BK50KAF</i>	332.50
2½"	25'	<i>WDH25BK25KAF</i>	328.50
2½"	50'	<i>WDH25BK50KAF</i>	504.60



Coupled with female and male (C & E) global aluminum cam and groove, crimp sleeve

Size	Length	Part #	Price
1½"	25'	<i>WDH15BK25GAX</i>	\$187.60
1½"	50'	<i>WDH15BK50GAX</i>	269.20
2"	25'	<i>WDH20BK25GAX</i>	255.55
2"	50'	<i>WDH20BK50GAX</i>	381.55
2½"	25'	<i>WDH25BK25GAX</i>	278.50
2½"	50'	<i>WDH25BK50GAX</i>	454.65
3"	25'	<i>WDH30BK25GAX</i>	342.65
3"	50'	<i>WDH30BK50GAX</i>	568.90
4"	25'	<i>WDH40BK25GAX</i>	484.30
4"	50'	<i>WDH40BK50GAX</i>	777.85



300# Single Jacket All Polyester Fire Hose

Features:

- outer construction: single jacket, all polyester
- tube construction: EPDM rubber lining
- proof pressure: **300 PSI**
- service test pressure: **150 PSI** at ambient temperature (70°F)
- working pressure: **135 PSI** at ambient temperature (70°F)
- 25' and 75' lengths, U/L labeled hoses and other threads and configurations are available, contact Dixon™



Uncoupled

Size	Bowl	Length	Part #	Price/E
1½"	1-3/4"	50'	A315-50UC	\$174.80
1½"	1-3/4"	100'	A315-100UC	349.60
2"	2-1/4"	50'	A320-50UC	296.80
2"	2-1/4"	100'	A320-100UC	593.55
2½"	2-13/16"	50'	A325-50UC	369.85
2½"	2-13/16"	100'	A325-100UC	612.50
3"	3-3/8"	50'	A330-50UC	498.85
3"	3-3/8"	100'	A330-100UC	997.70

Coupled with female and male expansion ring couplings



Size	Length	Part #	Rocker Lug	Rocker Lug	Pin Lug	Rocker Lug
			Aluminum NST (NH) RAF	Brass NST (NH) RBF	Brass NST (NH) PBF	Aluminum NPSH RAS
1½"	50'	A315-50	\$266.25	\$336.80	\$321.25	\$279.10
1½"	100'	A315100	484.00	530.35	562.30	460.95
2"	50'	A320-50	---	---	---	566.60
2"	100'	A320100	---	---	---	901.70
2½"	50'	A325-50	430.10	664.55	742.70	430.10
2½"	100'	A325100	828.75	1001.30	1002.50	828.75
3"	50'	A330-50	---	---	---	841.95
3"	100'	A330100	---	---	---	1365.85

- other threads and configurations available, contact Dixon™

500# Single Jacket All Polyester Fire Hose

Features:

- outer construction: single jacket, all polyester
- tube construction: EPDM rubber lining
- proof pressure: **500 PSI**
- service test pressure: **250 PSI** at ambient temperature (70°F)
- working pressure: **225 PSI** at ambient temperature (70°F)
- 75' lengths, U/L labeled hoses and other threads and configurations are available, contact Dixon™

Uncoupled

Size	Bowl	Length	Part #	Price/E
1"	1-1/4"	50'	A510-50UC	\$173.65
1"	1-1/4"	100'	A510-100UC	330.80
1½"	1-3/4"	50'	A515-50UC	204.50
1½"	1-3/4"	100'	A515-100UC	382.10
2½"	2-13/16"	50'	A525-50UC	369.85
2½"	2-13/16"	100'	A525-100UC	644.80



Coupled with female and male expansion ring couplings

Size	Length	Part #	Rocker Lug Aluminum NST (NH) RAF	Rocker Lug Brass NST (NH) RBF	Pin Lug Brass NST (NH) PBF	Rocker Lug Aluminum NPSH RAS
1"	50'	A510-50	---	---	---	\$287.35
1"	100'	A510100	---	---	---	484.00
1½"	25'	A515-25	\$213.80	---	---	213.80
1½"	50'	A515-50	281.45	\$337.65	\$377.30	293.05
1½"	75'	A515-75	382.35	---	---	---
1½"	100'	A515100	462.10	525.15	559.30	470.20
2½"	25'	A525-25	353.10	---	---	353.10
2½"	50'	A525-50	472.15	664.55	742.70	472.15
2½"	75'	A525-75	542.65	---	---	542.65
2½"	100'	A525100	828.75	1001.30	1050.65	828.75



- other threads and configurations available, contact Dixon™

500# Single Jacket All-Polyester Fire Hose - U/L labeled

Features:

- outer construction: single jacket, all polyester
- tube construction: EPDM rubber lining
- proof pressure: **500 PSI**
- service test pressure: **250 PSI** at ambient temperature (70°F)
- working pressure: **225 PSI** at ambient temperature (70°F)
- Underwriters Listed
- impregnated hose and other lengths threads and configurations are available, contact Dixon™

Coupled with female and male expansion ring couplings

Size	Bowl	Length	NST Thread Part #	NPSH Thread Part #	Price/E
1½"	combo lug, brass	50'	A515U50CBF	A515U50CBS	\$378.60
1½"	combo lug, brass	75'	A515U75CBF	A515U75CBS	448.75
1½"	combo lug, brass	100'	A515U100CBF	A515U100CBS	593.20
2½"	combo lug, brass	50'	A525U50CBF	---	610.00



P

500# Single Jacket All-Polyester Fire Hose - Color Impregnated



orange



red

Features:

- outer construction: single jacket, all polyester
- tube construction: EPDM rubber lining
- proof pressure: **500 PSI**
- service test pressure: **250 PSI**
- working pressure: **225 PSI** at ambient temperature (70°F)
- consult Dixon™ for pricing and availability of other colors, lengths, threads and configurations

Coupled with female and male expansion ring couplings

Size	Coupling Type	Length	Color	Part #	Price/E
1½"	rocker lug, aluminum, NST (NH)	50'	yellow	A515Y50RAF	\$368.00
1½"	rocker lug, aluminum, NPSH	50'	yellow	A515Y50RAS NEW	368.00
1½"	rocker lug, aluminum, NST (NH)	50'	red	A515R50RAF	368.00
1½"	rocker lug, aluminum, NPSH	50'	red	A515R50RAS NEW	368.00
1½"	rocker lug, aluminum, NST (NH)	50'	orange	A515OR50RAF	368.00
1½"	rocker lug, aluminum, NPSH	50'	orange	A515OR50RAS	368.00

800# Double Jacket All Polyester Fire Hose

Features:

- outer construction: double jacket, all polyester
- tube construction: EPDM rubber lining
- proof pressure: **800 PSI**
- service test pressure: **400 PSI**
- working pressure: **360 PSI** at ambient temperature (70°F)
- consult Dixon™ for pricing and availability of 75' lengths and other threads and configurations



Coupled with female and male expansion ring couplings

Size	Length	Part #	Rocker Lug Aluminum NST (NH) RAF	Rocker Lug Brass NST (NH) RBF	Pin Lug Brass NST (NH) PBF	Rocker Lug Aluminum NPSH RAS
1½"	25'	D815-25	\$249.50	---	---	---
1½"	50'	D815-50	349.90	\$390.95	\$445.40	\$385.20
1½"	75'	D815-75 NEW	536.95	---	---	516.90
1½"	100'	D815100	656.70	633.35	733.70	656.70
2½"	25'	D825-25	419.95	---	---	---
2½"	50'	D825-50	635.95	784.65	841.10	635.95
2½"	75'	D825-75 NEW	707.05	---	---	713.05
2½"	100'	D825100	1094.50	1232.80	1324.95	958.15

P

800# Double Jacket All-Polyester Fire Hose - Impregnated

Features:

- outer construction: double jacket, all polyester
- tube construction: black, synthetic rubber liner
- proof pressure: **800 PSI** at 70°F (21°C)
- service test pressure: **400 PSI** at 70°F (21°C)
- working pressure: **360 PSI** at 70°F (21°C)
- other lengths, threads and couplings and colors (yellow, red, blue, tan, orange, green, black) are available, contact Dixon™



Coupled with female & male NST (NH) thread, rocker lug, AL expansion ring couplings

Size	Length	Part #	Price/E
1½"	50'	D815Y50RAF	\$413.00
1½"	100'	D815Y100RAF	722.70
2½"	50'	D825Y50RAF	715.65
2½"	100'	D825Y100RAF	1298.95

Coupled with female and male thread, rocker lug, AL expansion ring couplings

Size	Thread	Length	Part #	Price/E
1½"	NPSH	50'	D815Y50RAS	\$413.00
1½"	NPSH	100'	D815Y100RAS	722.70

MSHA Approved Mine Fire Hose

Specifications:

- approved by MSHA : **M**ine **S**afety and **H**ealth **A**dministration for all mine fire protection applications

Single Jacket

Features:

- outer construction: single jacket, synthetic flame resistant
- tube construction: flame resistant lining
- proof pressure: **500 PSI** at 70°F (21°C)
- service test pressure: **250 PSI** at 70°F (21°C)
- working pressure: **225 PSI** at 70°F (21°C)

Coupled with female and male aluminum rocker lug expansion ring couplings

Size	Length	Thread	Part #	Price
1½"	50'	NST (NH)	SM515W50RAF	\$561.05
1½"	50'	NPSH	SM515W50RAS	561.05



Double Jacket

Features:

- outer construction: double jacket, synthetic flame resistant
- tube construction: flame resistant lining
- proof pressure: **800 PSI** at 70°F (21°C)
- service test pressure: **400 PSI** at 70°F (21°C)
- working pressure: **360 PSI** at 70°F (21°C)

Coupled with female and male aluminum rocker lug expansion ring couplings

Size	Length	Thread	Part #	Price
1½"	50'	NST (NH)	DM815W50RAF	\$660.00
1½"	50'	NPSH	DM815W50RAS	660.00



Double Jacket Potable Water Hose - Blue

Features:

- outer construction: double jacket, all polyester
- tube construction: thermoplastic
- NSF approved liner for potable water
- proof pressure: **600 PSI** at 70°F (21°C)
- service test pressure: **300 PSI** at 70°F (21°C)
- working pressure: **270 PSI** at 70°F (21°C)

Coupled with female and male thread, rocker lug, expansion ring couplings

Size	Length	Thread	Brass Part #	Price/E	Aluminum Part #	Price/E
1½"	50'	NPSH	PW615B50RBS	\$514.75	PW615B50RAS	\$484.00
1½"	100'	NPSH	PW615B100RBS	959.20	PW615B100RAS	859.10
1½"	50'	NST (NH)	PW615B50RBF	565.30	PW615B50RAF	484.00
1½"	100'	NST (NH)	PW615B100RBF	959.20	PW615B100RAF	859.10
2½"	50'	NPSH	PW625B50RBS	1019.35	PW625B50RAS	761.75
2½"	100'	NPSH	PW625B100RBS	1647.75	PW625B100RAS	1363.10
2½"	50'	NST (NH)	PW625B50RBF	1019.35	PW625B50RAF	761.75
2½"	100'	NST (NH)	PW625B100RBF	1647.75	PW625B100RAF	1363.10



P

UL 500# All Polyester Rack Hose - Brass Couplings U/L Labeled



folded



coiled

Application:

- for pin rack service / emergency fire fighting only, not to be used for washdown



Features:

- outer construction: single jacket, all polyester
- tube construction: clear thermoplastic
- proof pressure: **300 PSI** at ambient temperature (70°F)
- service test pressure: **150 PSI** at ambient temperature (70°F)
- working pressure: **135 PSI** at ambient temperature (70°F)
- Underwriters Listed

Coupled with female and male brass combo lug expansion ring couplings

Size	Length	Thread	Folded Part #	Price	Coiled Part #	Price
1½"	50'	NST (NH)	R515U50CBF/F	\$274.95	R515U50CBF	\$274.95
1½"	100'	NST (NH)	R515U100CBF/F	486.85	R515U100CBF	486.85

UL 500# All Polyester Rack Hose - Aluminum Couplings U/L Labeled



folded

Coupled with female and male aluminum rocker lug expansion ring couplings

Size	Length	Thread	Folded Part #	Price	Coiled Part #	Price
1½"	50'	NST (NH)	R515U50RAF/F	\$258.60	R515U50RAF	\$258.60
1½"	100'	NST (NH)	R515U100RAF/F	458.20	R515U100RAF	458.20

500# All Polyester Rack Hose - Brass Couplings non-U/L Labeled



folded



coiled

Application:

- for pin rack service / emergency fire fighting only, not to be used for washdown



Features:

- outer construction: single jacket, all polyester
- tube construction: clear thermoplastic
- proof pressure: **500 PSI** at ambient temperature (70°F)
- service test pressure: **250 PSI** at ambient temperature (70°F)
- working pressure: **225 PSI** at ambient temperature (70°F)

Coupled with female and male brass combo lug expansion ring couplings

Size	Length	Thread	Folded Part #	Price	Coiled Part #	Price
1½"	50'	NST (NH)	R515-50CBF/F	\$252.35	R515-50CBF	\$252.35
1½"	100'	NST (NH)	R515100CBF/F	402.35	R515100CBF	413.45

P

500# All Polyester Rack Hose - Aluminum Couplings non-U/L Labeled



coiled

Coupled with female and male aluminum rocker lug expansion ring couplings

Size	Length	Thread	Folded Part #	Price	Coiled Part #	Price
1½"	50'	NST (NH)	R515-50RAF/F	\$227.90	R515-50RAF	\$239.30
1½"	100'	NST (NH)	R515100RAF/F	378.00	R515100RAF	355.95

400# Nitrile Covered Fire Hose - Light Duty Red

Application:

- ideal for industrial and construction washdown and discharge applications

Features:

- synthetic rubber compound formulated for flexibility and abrasion and chemical resistance
- ribbed for hose protection and easy handling
- outer construction: thin ribbed nitrile
- tube construction: nitrile
- proof pressure: **400 PSI** at ambient temperature (70°F)
- service test pressure: **200 PSI** at ambient temperature (70°F)
- working pressure: **180 PSI** at ambient temperature (70°F)

Uncoupled

Size	Bowl	Length	Part #	Price/E
2"	2¼"	50'	H420R50UC	\$545.30



Coupled with Female and Male NPSH brass rocker lug expansion ring couplings

Size	Length	Part #	Price/E
2"	50'	H420R50RBS	\$871.40



- other lengths, threads and couplings are available, contact Dixon™

500# Nitrile Covered Fire Hose - Light Duty Red

Application:

- ideal for industrial and construction washdown and discharge applications

Features:

- outer construction: thin ribbed nitrile
- tube construction: nitrile
- proof pressure: **500 PSI** at ambient temperature (70°F)
- service test pressure: **250 PSI** at ambient temperature (70°F)
- working pressure: **225 PSI** at ambient temperature (70°F)
- 25' lengths, other colors, threads and configurations are available, consult Dixon™

Uncoupled

Size	Bowl	Length	Part #	Price/E
1½"	1-13/16"	50'	H515R50UC	\$429.70
2½"	2-13/16"	50'	H525R50UC	663.00
1½"	1-13/16"	100'	H515R100UC	781.20
2½"	2-13/16"	100'	H525R100UC	1147.25



P

Coupled with female and male expansion ring couplings

Size	Length	Part #	Rocker Lug Aluminum NST (NH) RAF	Rocker Lug Brass NST (NH) RBF	Pin Lug Brass NST (NH) PBF	Rocker Lug Aluminum NPSH RAS
1½"	50'	H515R50	\$488.95	\$540.80	\$661.55	\$538.25
2½"	50'	H525R50	799.85	876.70	965.20	799.85
1½"	100'	H515R100	1016.65	---	---	1144.20
2½"	100'	H525R100	1386.00	---	---	1363.10



- other lengths, threads and couplings and other colors (yellow, red, blue and black) are available, contact Dixon™

Nitrile Covered Fire Hose - Heavy Duty - Yellow

Application:

- ideal for heavy-duty washdown, refineries and power plants

Features:

- Extruded interlocking matrix fire hose with 100% synthetic circular woven polyester reinforcement.
- heavy ribbed for severe service
- outer construction: thick ribbed nitrile
- tube construction: nitrile
- proof pressure at ambient temperature (70°F):
 - 1½" - 3": **600 PSI**
 - 4": **450 PSI**
 - 5": **400 PSI**
 - 6": **300 PSI**
- service test pressure at ambient temperature (70°F):
 - 1½" - 3": **300 PSI**
 - 4": **225 PSI**
 - 5": **200 PSI**
 - 6": **150 PSI**
- working pressure at ambient temperature (70°F):
 - 1½" - 3": **270 PSI**
 - 4": **200 PSI**
 - 5": **180 PSI**
 - 6": **135 PSI**
- 25' lengths, other colors, threads and configurations are available, contact Dixon™

Uncoupled



Size	Bowl	Length	Part #	Price/E
1"	1-1/4"	50'	NEW H610Y50UC	\$332.20
1½"	1-13/16"	50'	H615Y50UC	499.15
2"	2-1/4"	50'	H620Y50UC	622.45
2½"	2-13/16"	50'	H625Y50UC	751.70
3"	3-3/8"	50'	H630Y50UC	844.95
4"	4-3/8"	50'	H440Y50UC	1108.85
5"	5-3/8"	50'	H450Y50UC	1111.10
6"	6-3/8"	50'	H360Y50UC	1786.10

Coupled with female and male expansion ring couplings



Size	Length	Part #	Rocker Lug Aluminum NST (NH) RAF	Rocker Lug Brass NST (NH) RBF	Pin Lug Brass NST (NH) PBF	Rocker Lug Aluminum NPSH RAS
NEW 1"	50'	H610Y50	\$410.55	---	---	\$498.30
1½"	50'	H615Y50	572.75	\$631.45	\$730.70	572.75
2½"	50'	H625Y50	920.10	982.20	1052.40	920.10
1½"	100'	H615Y100	1106.55	---	---	918.50
2½"	100'	H625Y100	1534.95	---	---	1534.95

Coupled with female and male segmented collar style couplings



Size	Length	Storz size	Part #	Price/E
4"	50'	4"	H440Y50SZ	\$1575.60
5"	50'	5"	H450Y50SZ	1858.25
6"	50'	6"	H360Y50SZ	3181.55
4"	100'	4"	H440Y100SZ	2459.50
5"	100'	5"	H450Y100SZ	3154.05

Features:

- working pressures can be achieved using appropriate expansion ring couplings
- under no circumstance should the hose be used beyond the working pressure of the fittings to which it is coupled
- assembled hose should be hydrostatically proof tested before use, and thereafter in accordance with NFPA 1962



Non-collapsible Chemical Booster Hose - Red

Features:

- outer cover material: specially compounded red EPDM tough cover
- inner tube material: smooth black synthetic EPDM rubber
- reinforced with multiple plies of high tensile Aramid yarn providing flexible strength
- ¾" diameter hose is coupled with 1" threaded couplings
- meets and exceeds NFPA standard 1961
- working pressure: **800 PSI**

Coupled with female and male NST (NH) thread, chromed brass hole type couplings

Size	Length	Part #	Price/E
¾"	50'	80B07-50HCF	\$1191.30
¾"	100'	80B07-100HCF	1901.50
1"	50'	80B10-50HCF	1431.85
1"	100'	80B10-100HCF	2348.20



Coupled with female and male NST (NH) thread, rocker lug, aluminum expansion ring couplings

NEW

Size	Length	Part #	Price/E
¾"	50'	80B07-50HAF	\$896.25
¾"	100'	80B07-100HAF	1701.00
1"	50'	80B10-50HAF	1096.80
1"	100'	80B10-100HAF	2147.75

Lightweight Non-collapsible Chemical Booster Hose - Red

Features:

- single jacket construction, abrasion resistant cover
- rigid helical reinforcement
- lightweight, kink, ozone and chemical resistant
- 10" minimum bend radius
- **-30°F to 112°F**
- working pressure: **300 PSI**
- lengths up to 200' available as special order

Coupled with female and male aluminum

Size	Thread	Length	Part #	Price/E
1"	NPSH	50'	BL810R50RAS	\$744.55
1"	NPSH	100'	BL810R100RAS	1317.30
1"	NH (NST)	50'	BL810R50RAF	744.55
1"	NH (NST)	100'	BL810R100RAF	1353.10

NEW



P

Non-collapsible Fire and Utility Hose - Red

Features:

- outer construction is designed to withstand abrasion
- working pressure: **200 PSI** at ambient temperature (70°F)
- burst pressure: **600PSI** at ambient temperature (70°F)
- consult Dixon™ for pricing and availability of other lengths, threads and configurations
- also available with chrome brass fittings

Coupled with female and male NST (NH) thread, rocker lug, brass expansion ring couplings

Size	Length	Part #	List Price
1½"	50'	15B15-50RBF	\$1173.10
1½"	75'	15B15-75RBF	1632.30
1½"	100'	15B15-100RBF	1953.70



Coupled with female and male NPSH thread, rocker lug, brass expansion ring couplings

Size	Length	Part #	List Price
1½"	50'	15B15-50RBS	\$1173.10
1½"	75'	15B15-75RBS	1632.30
1½"	100'	15B15-100RBS	1953.70



Coupled with female and male NST (NH) thread, rocker lug, aluminum expansion ring couplings

Size	Length	Part #	List Price
1½"	50'	15B15-50RAF	\$864.85
1½"	75'	15B15-75RAF	1106.00
1½"	100'	15B15-100RAF	1450.00



Coupled with female and male NPSH thread, rocker lug, aluminum expansion ring couplings

Size	Length	Part #	List Price
1½"	50'	15B15-50RAS	\$864.85
1½"	75'	15B15-75RAS	1106.00
1½"	100'	15B15-100RAS	1450.00

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Brass Female to Male Hex Nipples

Feature:

- required to switch hose from NPT to NST, or NST to NPT for continuous flow reels



Female Thread	Male Thread	Cast Brass Part #	Price
1½" NPT	1½" NST (NH)	FM1515F	\$20.60
1½" NST (NH)	1½" NPT	FM15F15T	18.40

- All adapters are made to approved Dixon™ specifications.

Style Brute Expanders Model 2 Bench Model Electric/Hydraulic

Features:

- designed for hose manufacturers and higher volume
- may be used to attach 1" thru 6" couplings
- 3,000 lb pump, 2,500 lb. workable
- 3,450 RPM, 1½ horsepower, single phase, 220 volt motor
- cylinder has 6" stroke, 4" bore, and 38,000 lbs of total thrust
- oil capacity: 9 gallons
- manually set external pressure relief valve
- size: 22" wide x 22" deep x 16" high



Part #	Price/E
Brute2	\$29203.10

X-Pander Compact Hand Pump

Features:

- designed for forestry service, fire departments, small distributors and ski areas
- all-in-one design means fewer parts and no hydraulic connections making the X-Pander reliable and service free
- may be used to attached 1" thru 3" couplings
- ideal for in-house use or mounted in a service van for field repairs
- size: 13" wide x 17" deep x 10" high



Part #	Price/E
BruteXpand	\$11943.10

Expansion Unit Assemblies

Size	Steel Part #	Price/E
1½"	16154	\$1557.85
1½" rack	16101-RH	1477.65
1¾"	16167	1557.85
2½" (Storz also)	16171	1555.85

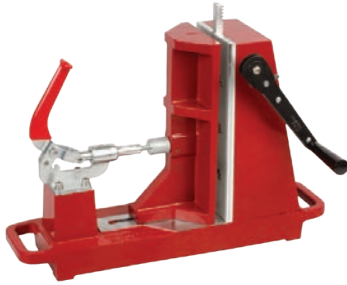


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- expansion ring and gasket guide can be found on page 654

NEW

Layflat Hose Cutter



Features:

- heavy duty, powder coated construction for a durable finish
- easy and safe to use
- makes clean, straight cuts on hose up to 6"
- ratchet handle raises and lowers steel blade
- handgrips for easy transporting

Aluminum Part #	Price
HOSECUTTER	\$5290.60

NEW



Threaded Couplings

Features:

- for use on any 1½" single jacket hose when the OD is not larger than 1¾"
- completely reusable, may be permanently installed by hand without the use of tools
- Factory Mutual approved
- lightweight




Size	Material	Part #	Price
1½" NST	aluminum	HC15F-A	\$473.10
1½" NPSH	aluminum	HC15S-A	473.10
1½" NST	brass	HC15F-B	570.65
1½" NPSH	brass	HC15S-B	570.65

NEW



One Minute Fire Hose Menders

Features:

- easy, quick, economical way to make emergency repairs of any single jacket fire hose of 1½" to 1¾" maximum OD, installed in 1 minute without tools
- Factory Mutual approved for temporary emergency use only 
- easily removed for repeated use
- withstands 800 PSI
- lightweight
- brushed aluminum finish



Size	Brushed Aluminum Part #	Price
1"	HOSEMEND1	\$179.40
1½"	HOSEMEND15	190.55

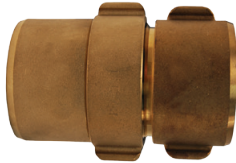
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Expansion Ring Fire Hose Couplings

Features:

- special tooling is required to attach these couplings to hose (see page 651 for machine)
- all couplings come complete with expansion rings, swivel and tail washers
- for females only, use 2/3 set price, for males only, use 1/2 set price, both shipped from the factory only
- aluminum expansion ring couplings have 3 rocker lugs on the male and female
- now stocking popular sizes in male and female only

Brass Rocker Lug



Complete Set

Rack Hose

(no lugs on male)

Size	Thread	Bowl	Brass Part #	Price/E
1½"	NPSH	1-11/16"	RRH15168	\$102.55
1½"	NST (NH)	1-11/16"	RRH15168F	102.55

Single Jacket

Size	Thread	Bowl	Brass Part #	Price/E
1½"	NPSH	1-3/4"	RS15175	\$141.95
1½"	NPSH	1-13/16"	RS15181	135.20
2½"	NPSH	2-13/16"	RS25281	263.50
1½"	NST (NH)	1-3/4"	RS15175F	135.20
1½"	NST (NH)	1-13/16"	RS15181F	135.20
2½"	NST (NH)	2-13/16"	RS25281F	263.50

Double Jacket

Size	Thread	Bowl	Brass Part #	Price/E
1½"	NPSH	1-15/16"	RD15193	\$127.35
1½"	NPSH	2-1/16"	RD15206	128.90
2½"	NPSH	3"	RD253	274.95
1½"	NST (NH)	1-15/16"	RD15193F	127.35
2½"	NST (NH)	3"	RD253F	274.95

Aluminum Rocker Lug



Complete Set

Single Jacket

Size	Thread	Bowl	Aluminum Part #	Price/E
1"	NPSH	1-1/4"	S10125	\$51.55
1½"	NPSH	1-3/4"	S16175	55.00
1½"	NPSH	1-11/16"	S16168	54.90
1½"	NPSH	1-13/16"	S16181	55.00
2"	NPSH	2-1/4"	S20225	96.80
2"	NPSH	2-3/8"	S20375	97.85
2½"	NPSH	2-13/16"	S26281	102.50
1½"	NST (NH)	1-11/16"	S16168F	54.90
1½"	NST (NH)	1-3/4"	S16175F	55.00
1½"	NST (NH)	1-13/16"	S16181F	54.90
2½"	NST (NH)	2-11/16"	S26268F	107.40
2½"	NST (NH)	2-13/16"	S26281F	102.50
1½"	MNPT	1-11/16"	MS16168T¹	47.55
1½"	MNPT	1-3/4"	MS16175T¹	41.50
2"	MNPT	2-1/4"	MS20225T¹	60.20
2½"	MNPT	2-11/16"	MS26268T¹	75.65

¹ male fitting only

Double Jacket

Size	Thread	Bowl	Aluminum Part #	Price/E
1½"	NPSH	1-13/16"	D16181	\$55.00
1½"	NPSH	1-15/16"	D16193	59.85
1½"	NPSH	2-1/16"	D16206	62.35
2"	NPSH	2-5/16"	D20231	96.95
2½"	NPSH	3"	D263	107.60
1½"	NST (NH)	1-13/16"	D16181F	54.90
1½"	NST (NH)	1-15/16"	D16193F	59.85
1½"	NST (NH)	2-1/16"	D16206F	62.35
2½"	NST (NH)	2-7/8"	D26287F	111.15
2½"	NST (NH)	3"	D263F	110.95
1½"	MNPT	1-13/16"	MD16181T¹	47.55
2"	MNPT	2-5/16"	MD20231T¹	61.60
2½"	MNPT	2-7/8"	MD26287T¹	75.65

¹ male fitting only

Expansion Rings

Feature:

- used with the fire hose couplings listed on page 653



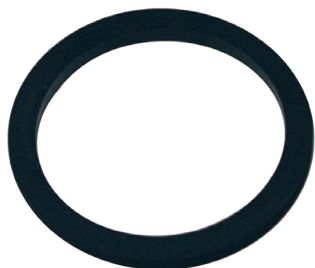
OD	Length	Wall Thickness	85/15 red brass Part #	Price/E
1"	1¼"	.05	ER10125	\$8.50
1½"	¾"	.05	ER1575	8.40
1½"	⅞"	.05	ER1587	9.55
1½"	1"	.05	ER1510	9.85
1½"	1¼"	.05	ER15125	9.85
1¾"	1¼"	.05	ER17125	13.45
2½"	1¼"	.062	ER27125	17.80
2½"	1½"	.062	ER27150	17.80
3"	2"	.07	ER3020	29.90
4"	2"	.092	ER4020	48.85

Fire Hose Coupling Washers

Swivel Washers

Feature:

- used on the swivel end of the fire hose couplings listed on page 653



ID	OD	Thickness	Buna-N Part #	Price/E
1-1/16"	1-7/16"	1/8"	SW100F	\$2.00
1-9/16"	2-1/16"	1/8"	SW150	2.00
2-1/16"	2½"	1/8"	SW200	8.65
2-9/16"	3-3/16"	3/16"	SW250	3.25
3-1/16"	3-3/4"	1/4"	SW300F	6.85
4-1/16"	5-1/8"	1/4"	SW400F	9.20
4-9/16"	5-7/8"	1/4"	SW450F	10.25
5-1/16"	6-3/8"	1/4"	SW500F	15.20
6-1/16"	7-1/8"	1/4"	SW600F	19.75

Tail Washers

Feature:

- used on the tail end of the fire hose couplings listed on page 653



ID	OD	Thickness	Buna-N Part #	Price/E
1-1/32"	1-5/16"	3/16"	STW100	\$2.90
1-9/16"	1-3/4"	3/16"	RTW150	1.95
1-9/16"	1-15/16"	3/16"	STW150	1.85
1-5/8"	2-1/8"	3/16"	DTW150	1.95
2-9/16"	3"	1/4"	STW250	4.00
2-5/8"	3-1/4"	1/4"	DTW250	3.25
3-1/8"	3-25/32"	1/4"	DTW300	6.80

Aluminum Hose Type Booster Hose Couplings

Features:

- special tooling is required to attach these couplings to hose
- hardcoat finish
- complete set
- working pressure: **800 PSI** at ambient temperature (70°F)
- ¾" and 1" NST threads are the same size; also known as **Chemical Hose Thread (CHT)** or **Booster Hose Thread**



Hose Size	Thread Type	Bowl Size	Aluminum Hardcoat Part #	Price/E
¾"	1" NPSH	1-3/16"	ABH08118	\$213.35
¾"	1" NPSH	1-1/4"	ABH08125	213.35
1"	1" NST (NH)	1-7/16"	ABH10143F	226.25
1"	1" NST (NH)	1-1/2"	ABH10150F	226.25
1"	1" NPSH	1-1/2"	ABH10150S	210.00
1"	1" NST (NH)	1-9/16"	ABH10156F	226.25

Brass Hole Type Booster Hose Couplings

Features:

- special tooling is required to attach these couplings to hose
- polished chrome plated
- complete set
- working pressure: **800 PSI** at ambient temperature (70°F)
- ¾" and 1" NST threads are the same size; also known as **Chemical Hose Thread (CHT)** or **Booster Hose Thread**



Hose Size	Thread Type	Bowl Size	Brass Part #	Price/E
¾"	¾" NST (NH)	1-3/16"	BW07118F-PC	\$390.65
¾"	¾" NST (NH)	1-1/4"	BW07125F-PC	390.65
1"	1" NST (NH)	1-7/16"	BW10143F-PC	452.20
1"	1" NST (NH)	1-1/2"	BW10150F-PC	438.10
1"	1" NPSH	1-1/2"	BW10150S-PC	438.10
1"	1" NST (NH)	1-9/16"	BW10156F-PC	452.20

Booster Hose Installation Kit

Feature:

- set includes: 2 aluminum clamps, key, wrench and a half pint of tar lube

Hose Size	Brass Part #	Price/E
¾"	BW75AT	\$767.75
1"	BW10AT	966.20



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Pin Rack Hose Assembly



Features:

- components include: rack nipple, U/L **300 PSI** angle valve, semi-automatic fire hose pin rack, brass rack nozzle, and a length of 1½" pin rack hose
- U/L listed and Factory Mutual approved
- Per NFPA 1962, Chap. 4, in-service hose shall be un-racked and physically inspected at least annually.



NST (NH) Thread	Hose	Part #	Price/E
1½"	50'	FHPR150-50CBF	\$973.65
1½"	75'	FHPR150-75CBF	1071.00
1½"	100'	FHPR150-100CBF	1088.20

Semi Automatic Fire Hose Pin Racks



Features:

- red steel enameled
- holds up to 100' of either 1½" or 2½" rack hose
- 1½" is U/L listed and Factory Mutual approved

Hose Size	For use with:		Steel Part #	Price/E
	Valve	Nipple		
1½"	AVF150	PRN150F	FHPR150	\$151.50
2½"	AVF250	PRN250F	FHPR2515	183.30

Pin Rack Covers



Features:

- 10 oz. red vinyl with Velcro™ closures
- used on FHPR150, FHPR150-50CBF, FHPR150-75CBF, FHPR150-100CBF

Size	Vinyl Part #	Price/E
25" x 30" x 6"	PRC	\$57.30
25" x 30" x 6"	PRC-SPANISH	57.30

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Pin Rack Nipples



Feature:

- finishes: -C polished chrome plated

Male NPT	Male	Brass Part #	Price/E
1½"	1½" NST (NH)	PRN150F	\$36.60
1½"	1½" NST (NH)	PRN150F-C	51.25
2½"	2½" NST (NH)	PRN250F	120.55
2½"	2½" NST (NH)	PRN250F-C	202.00

Pin Rack Wall Bracket



Application:


- used to support hose rack independent of a stand pipe valve

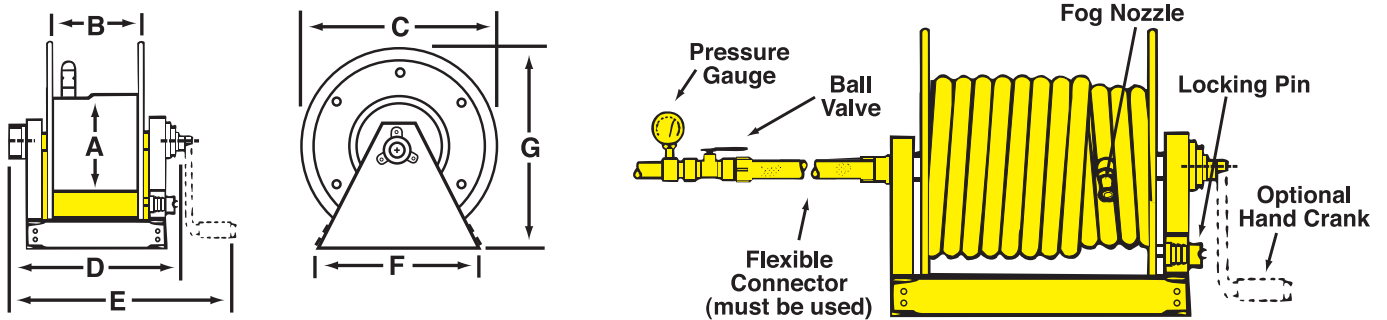
Aluminum Part #	Price/E
PRWB	\$107.25

Continuous Flow Reels

Features:

- allows immediate and continuous flow of water at all times during deployment of hose
- one-person operation
- use with non-collapsible hose shown on page 650
- powder coated with an electrostatically-applied, thermally-fused, red polyester finish steel drum
- rims and universal mounting stand
- female NPT inlet with male NST (NH) hose thread outlet

A flexible connector assembly must be installed directly between the hose reel inlet hub and the water supply. 
Failure to use the flexible connector assembly shall void the warranty.



Dimensions

Part #	Hose Size and Capacity			A	B	C	D	E	F	G	Inlet Size (inches)	Outlet Size (inches)	Price/E
	¾"	1"	1½"										
CFR47-1-100	150	125	---	10½	11½	24	19¼	24	21¾	26	1	1	\$2130.55
CFR47-150-100	250	150	100	10½	20½	24	28¾	33	21¾	26	1½	1½	2130.55
CFR47-1-200	400	300	150	10½	28	24	35¾	40½	21¾	26	1½	1½	2205.00
CFR47-150-200	---	---	200	10½	34	24	41¾	46½	21¾	26	1½	1½	2233.65

Optional Accessories

Description	Part #	Price/E
1" x 18" flexible connector (male NPT x male NPT)	DX2836	\$189.00
1½" x 18" flexible connector (male NPT x male NPT)	DX2839	189.00
hand crank	CFR-HC	150.00
repair kit: contains O-ring, PTFE retaining ring for the inlet casting, spacer washer, and 2 steel retaining rings for the manifold	CFR-RK	128.00

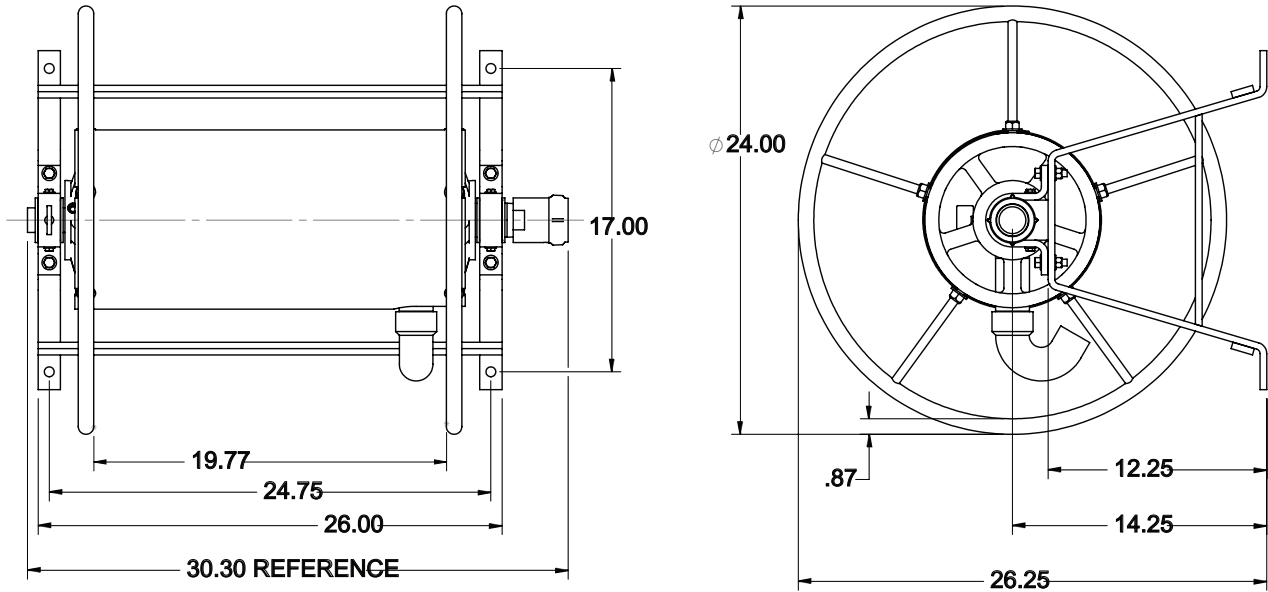
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Continuous Flow Hose Reel Covers

Cover for	Dimensions H x W x D	Vinyl Part #	Price/E
CFR47-1-100	26" x 20" x 26"	CFR47-C1	\$136.90
CFR47-1-200	26" x 36" x 26"	CFR47-C2	186.45
CFR47-150-100	26" x 29" x 26"	CFR47-C3	182.00
CFR47-150-200	26" x 42" x 26"	CFR47-C4	202.80



Global Continuous Flow Reels (re-designed Wirt & Knox reel)



Features:

- newly re-designed with greaseless swivel and reel bearings for improved performance
- optional adapters (order separately):
 Factory Mutual15S15F = 1½" FNPSH x 1½" MNST brass
 Factory Mutual15I15F = 1½" FNPT x 1½" MNST brass



Steel Part #	Hose Size and Capacity			Inlet Size (inches)	Outlet Size (inches)	Price/E
	¾"	1"	1½"			
FD47IR-150-100	250'	150'	100'	1½ NPT	1½ NPT	\$967.95

Global Continuous Flow Hose Reel Covers



Cover for	Dimensions	Vinyl Part #	Price/E
FD47IR-150-100	22" x 24" x 24"	FD47-C2	\$195.00

Replacement Inlet Swivel Joints for FD47I-150-100 (old Wirt & Knox design) Continuous Flow Reels

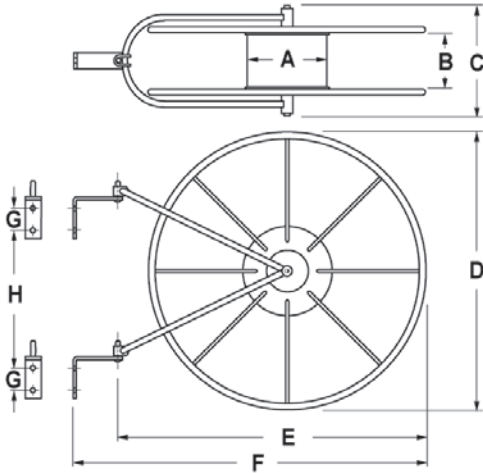


Size	Steel Part #	List Price
1"	1212-0534-4	\$458.20
1½"	1212-0540-4	378.00

Style V Swing Type Hose Storage Reels

Features:

- drum storage of collapsible hose prevents damaging kinks allowing longer hose life
- pivot mounting permits reel to swing to the proper angle preventing twists and kinks
- open sides allow faster hose drying, to prevent mold and mildew
- red polyester powder coat finish
- wall mounting is standard, 2 wall mounting brackets included
- style V5 (when used with 1½" hose only), has a space between the reel sides to accommodate two widths of hose side by side, for maximum capacity in minimum space



Swing Wall Reels

Size	Steel Part #	Hose Capacity			A	B	C	D	E	F	G	H	Price/E
		Rack	Single	Double									
1½" - 1¾"	FHR-V1	100'	75'	50'	8"	3"	7½"	21"	23"	27"	2"	11-3/8"	\$250.00
1½" - 1¾"	FHR-V2	150'	100'	75'	8"	3"	7½"	26"	29"	33"	2"	15"	250.00
1½"	FHR-V5	300'	200'	150'	8"	5½"	9½"	26"	30"	34"	2"	13"	282.00
2" - 2½"	FHR-V5	150'	100'	75'	8"	5½"	9½"	26"	30"	34"	2"	13"	282.00

- replacement brackets for above reels - **1212-0930-4**, 2 per set

Style V Swing Type Hose Storage Reel Covers

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Features:

- fluorescent red vinyl coated nylon with Velcro™ closures
- printed on both sides

Cover for	Fits Hose Reel Dimensions	Vinyl Part #	Price/E
FHR-V2	26"	FHR-C	\$69.60
FHR-V1	21"	FHR-C1	62.50
FHR-V5	26"	HSRC26	69.60



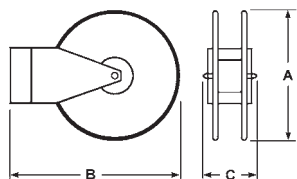
Swing Type Hose Storage Reels

Features:

- one piece wall bracket (14 gauge), for easier mounting
- 180° swing will also take pipe clamps to 3"
- compact size - smaller reel hub to allow more hose storage
- baked red enamel finish
- solid steel (14 gauge) support arms
- welded construction - rim (18 gauge) hub cap, welded spokes form solid wheels, separated by a molded poly hub and bolted together to form a sturdy unit
- hose is double rolled from the center of length coupled to valve and nozzle
- hose is ready for action when completely removed and valve is open



Hose Size	Part #	Hose Capacity		Price/E
		Lightweight	Rubber Lined	
1½"	HSR18	150'	50' - 75'	\$276.95
1½"	HSR24	250'	100'	332.50
2½"	HSR25-24	100'	100'	502.85



Dimensions

Cover for	A	B	C
HSR18	18"	23-1/2"	6-1/4"
HSR24	24"	29"	6-1/4"
HSR25-24	24"	29"	8-1/4"

Swing Type Hose Storage Reel Covers

Features:

- to be used with hose storage reels, bright red fabric reinforced PVC with Velcro™ closures for quick release
- "Fire Hose / Keep Clear" printed on one side



Cover for	Fits Hose Reel Dimensions	Vinyl Part #	Price/E
HSR18	16" - 18"	HSRC18	\$51.85
HSR24	24"	HSRC24	62.75
HSR25-24	24" - 25"	HSRC25-24	60.45

Heavy Duty, High Capacity Swing Type Hose Storage Reel

Features:

- 16 gauge steel sides and hubs
- welded steel wall bracket swings 180°
- wall bracket adapts to pipes (1½" - 3") with an optional pipe bracket kit
- red baked enamel finish
- supplied with hook-and-loop back strap to keep hose securely wound



Size	16-gauge steel Part #	Hose Capacity		Price/E
		Single Jacket	Double Jacket	
1½"	DXHDR25HC	200'	150'	\$1023.20
2½"		100'	75'	

Heavy Duty Swing Type Hose Storage Reel Cover

Features:

- to be used with hose storage reels
- "Fire Hose / Keep Clear" printed on one side



Cover for	Fits Hose Reel Dimensions	Vinyl Part #	Price/E
DXHDR25HC	length: 26", ht: 25", width: 8"	DXHDRC25HC	\$145.35

Pipe Brackets for Heavy Duty Swing Type Hose Storage Reel

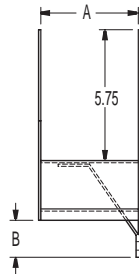
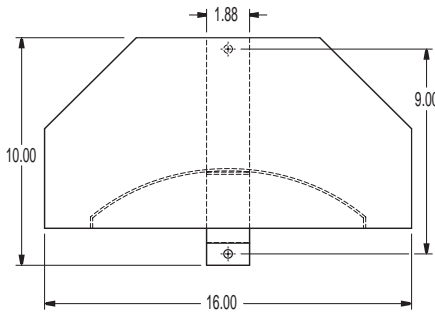
Description	Part #	Price/E
pipe bracket set	DXHDR25PB	\$81.85

Saddle Hose Racks

Features:

- provides compact and economical hose storage for all types of hose
- can be used for fire or water hose
- overall width 16", height 10"
- fabricated of heavy 12 gauge sheet steel for rugged industrial and shipboard use
- curved saddle design avoids sharp bends in the hose to prolong hose life
- red enamel finish

Hose Size	Rack Capacity		Wt. Lbs.	Steel Part #	Price/E
	Rack	Single Jacket				Double Jacket
1½" - 1¾"	100'	75'	50'	HR1610-3	\$110.65
2" - 2½"	100'	75'	50'	HR1610-4	119.45
1½" - 1¾"	200'	150'	100'	HR1610-6	130.15
1½" - 2½"	200'	150'	100'	HR1610	162.80



Model	Dimensions	
	A	B
HR1610-3	3⅛"	¾"
HR1610-4	4¼"	1⅝"
HR1610-6	6¼"	1⅝"
HR1610	9"	3"

Hump Racks

Features:

- compact, neat and economical method of storing collapsible hose
- pivot mounting permits rack to swing, preventing kinks and twists
- rugged steel construction provides long, dependable service
- red enamel finish for protection and appearance
- open sides allow faster drying to prevent mold and mildew
- wall mounting brackets are standard

Hose Size	Hose Capacity		Steel Part #	Price/E
	Synthetic	Single Jacket		
1½" - 1¾"	100'	50'	---	FHHR-1 \$220.00
1½" - 1¾"	150'	100'	50'	FHHR-3 321.25
2" - 2½"	100'	50'	---	FHHR-2 220.00
2" - 2½"	150'	100'	50'	FHHR-4 327.30
1½" - 1¾"	200'	150'	100'	FHHR-5 340.65



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Cover for Hump Racks

Cover for	Fits Hose Reel Dimensions	Vinyl Part #	Price/E
FHHR-1 or FHHR-2	16" x 25½" x 6"	FHHR-C	\$118.90
FHHR-3 or FHHR-4	24" x 29½" x 6"	FHHR-C4	139.30
FHHR-5	33½" x 35½" x 6"	FHHR-C5	148.15



Ball Shutoff with Nozzle



Features:

- flexible design allows nozzle tip to be detached so a mating foam inductor can be inserted between the tip and shut-off valve
- lightweight
- glass-filled nylon
- black pistol grip shutoff with nozzle
- maximum operating pressure: **150 PSI** (water / AFFF only) at 70°F (21°C)

Size	Body Color	Thread	GPM	Polycarbonate Part #	Price/E
1½"	red	NPSH	30	<i>FNPSO150S-30</i>	\$403.10
1½"	orange	NST (NH)	30	<i>FNPSO150F-30</i>	403.10
1½"	red	NPSH	70	<i>FNPSO150S-70</i>	403.10
1½"	orange	NST (NH)	70	<i>FNPSO150F-70</i>	403.10

Ball Shutoff



Features:

- lightweight
- glass-filled nylon
- maximum operating pressure: **150 PSI** (water or AFFF only) at ambient temperature (70°F)

Size	Thread	Polycarbonate Part #	Price/E
1½"	NPSH	<i>PPSO150S</i>	\$412.40
1½"	NST (NH)	<i>PPSO150F</i>	412.40

Forestry Grade ¼ Turn Ball Type Wye Valves

Features:

- cast aluminum swivel inlet, anodized body, hard-coated threads
- built to US Forest Service specifications
- 1" and 1½" for use up to **600 PSI** (water/AFFF only); 2½" for use up to **400 PSI** (water/AFFF only)

Female Thread	(2) Male Threads	Cast Aluminum Part #	Price/E
1" NPSH	1" NPSH	FWV10S10S	\$661.95
1½" NPSH	1" NPSH	FWV15S10S	686.80
1½" NPSH	1½" NPSH	FWV15S15S	763.80
1½" NST (NH)	1" NPSH	FWV15F10S	706.40
1½" NST (NH)	1½" NST (NH)	FWV15F15F	763.80
2½" NST (NH)	1½" NST (NH)	FWV25F15F	763.65
2½" NST (NH)	2½" NST (NH)	FWV25F25F	2041.25



1" - 1½"



2½"

Pick Head Fire Axe

Features:

- red trim
- 36" hickory handle
- listed in the minimum requirements approval guides for outfitting hose houses and hose cabinets by insurance underwriters

Description	Part #	Price/E
6 lb. axe	PHFA6	\$220.00
axe brackets	PHFA-B-A	59.10



Forestry Pocket Spanner Wrenches

Features:

- FSW1: for use on 1" hoses only
- FSW2: for 1" and 1½" hose couplings
- meets USFDA specification 5100-101C
- overall length 5"

Aluminum Part #	Price/E
FSW1	\$47.25
FSW2	47.25



FSW1




FSW2

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Foot Valve Strainers

Features:

- rocker lug
- brass poppet
- for water use only 

Size	Thread	Anodized Aluminum Part #	Price/E
2"	NST (NH)	N-FTVLST-20F	\$72.50
2"	NPSH	N-FTVLST-20S	69.70



Forestry Non Weeping Fire Hose

Features:

- outer construction: single jacket, all polyester
- tube construction: thermoplastic
- impregnation: yellow
- proof pressure: **600 PSI** at ambient temperature (70°F)
- service test pressure: **300 PSI** at ambient temperature (70°F)
- working pressure: **270 PSI** at ambient temperature (70°F)
- consult Dixon™ for pricing and availability of 25' lengths, other threads and configurations



Coupled with female and male expansion ring couplings

Size	Length	Part #	Rocker Lug Aluminum NST (NH) RAF	Rocker Lug Aluminum NPSH RAS
1"	50'	NF610Y50	---	\$470.00
1"	100'	NF610Y100	---	517.20
1½"	50'	NF615Y50	\$372.85	372.85
1½"	100'	NF615Y100	625.00	625.00

Forestry Mop Up Hose

Application:

- used on mop-up and low volume hand lines, filling pump cans, supplying sprinklers and remote fire line protection

Features:

- 50' coil diameter is 9"
- outer construction: single jacket, synthetic
- tube construction: thermoplastic
- impregnation: yellow
- proof pressure: **300 PSI** at ambient temperature (70°F)
- service test pressure: **150 PSI** at ambient temperature (70°F)
- working pressure: **135 PSI** at ambient temperature (70°F)
- consult Dixon™ for pricing and availability of other threads and configurations



Coupled with female and male brass ferrule type garden hose couplings

Size	Length	Part #	Price/E
¾"	50'	NF307Y50GHT	\$221.25
1½"	50'	NF615-50RAQT¹	360.85
1½"	100'	NF615100RAQT¹	589.95

¹ coupled with quarter turn forestry couplings

Forestry Mop Up Hose Kit



Description	Part #	Price/E
kit contains: hose, pouch and nozzle	NF307Y50GHT-KIT	\$355.10

¼ Turn Forestry Adapters

Features:

- maximum operating pressure: **300 PSI** at ambient temperature (70°F)
- adapters have a common quarter turn sexless head (a 1½" QT fitting will mate with a ¾" QT or 1" QT)
- replacement gaskets: **QTG-F \$7.00**

Thread	Forged Aluminum Male Part #	Price/E	Forged Aluminum Female Part #	Price/E
¾" GHT	QTM75GHT-F	\$74.25	QTF75GHT-F	\$79.80
1" NPSH	QTM100S-F	71.05	QTF100S-F	89.10
1" NPT	QTM100T-F	71.05	QTF100T-F	89.10
1½" NST (NH)	QTM150F-F	42.45	QTF150F-F	57.60
1½" NPT	QTM150T-F	68.40	QTF150T-F	81.90
1½" NPSH	QTM150S-F	54.55	QTF150S-F	57.60



Quick-Connect Forestry Expansion Ring Couplings

Feature:

- sold in sets of (2) with expansion ring

Hose Size	Bowl Size	Forged Aluminum Part #	Price/E
1½"	1-11/16"	QTX150-F	\$95.30



Forestry Hose Expansion Ring Rocker Lug Couplings

Features:

- lugs on female only
- working pressure: **270 PSI**
- under no circumstances should the fittings be used beyond the working pressure of the hose
- Assembled hose should be hydrostatically proof tested before use, and thereafter in accordance with NFPA 1962.
- special tooling is required to attach these couplings to hose
- shipped with expansion rings, a swivel washer and tail washers
- for females or males only, consult Dixon™ for pricing and availability



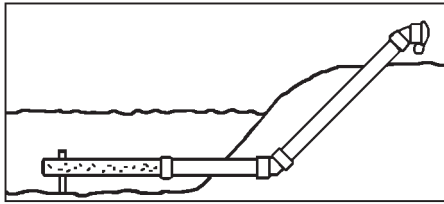
Hose Size	Thread Type	Bowl Size	Aluminum Part #	Price/E
1"	NPSH	1-3/16"	EF11118	\$70.30
1"	NPSH	1-1/4"	EF11125	70.30
1½"	NH (NST)	1-13/16"	EF16168F	91.15
1½"	NH (NST)	2-11/16"	EF16175F	91.15



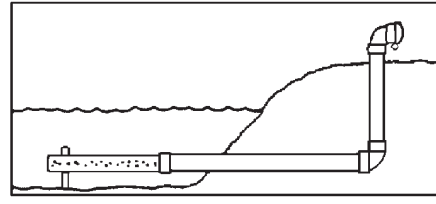
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Dry Hydrants

Typical Dry Hydrant Installations



45°
(preferred)



90°

Underwater Strainer Support



Description	Part #	Price/E
underwater strainer support	DHSSC6	\$154.40

Back Flushing Strainers



Feature:

- length: 37"

Size	Schedule 40 PVC Part #	Price/E
6"	DHS6BF	\$397.85
8"	DHS8BF¹	767.25

¹ includes 8" x 6" reducer

Male Adapters and Caps



90° Male Adapters

45° Male Adapters

Male NST (NH)	Hardcoated		Hardcoated	
	Part #	Price/E	Part #	Price/E
4½"	ADH90M45F	\$519.10	ADH45M45F	\$519.10
6"	ADH90M60F	553.45	ADH45M60F	553.45

Rocker Lug Caps with Cable

Female NST (NH)	Hardcoated Part #	Price/E
4½"	ADHC450F	\$306.60
6"	ADHC600F	365.80

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adapters and caps sold separately

Female Adapters and Plugs



90° Female Adapters

45° Female Adapters

Female NST (NH)	Hardcoated		Hardcoated	
	Part #	Price/E	Part #	Price/E
4½"	ADH90F45F	\$652.35	ADH45F45F	\$652.95
6"	ADH90F60F	890.60	ADH45F60F	890.60

Rocker Lug Plugs with Cable

Male NST (NH)	Hardcoated Part #	Price/E
4½"	ADHP450F	\$306.60
6"	ADHP600F	365.80

adapters and caps sold separately

Dixon™ 6" Low Level Strainer with Siphon Jet

Application:

- can be used as a low level strainer and as a water transfer device

Features:

- pivoting elbow enables the base to sit flat on the bottom of a portable tank
- base: 1/8" thick 5052 H32 marine grade aluminum, powder coated red with 45° angled edges, carrying handle mounted to base
- allows the user to draft within 2" of the bottom of the tank without whirlpooling
- jet is constructed from 3/4" pipe
- supplied with 304 stainless steel mesh strainer for fast fill flowing
- shipped with 1 1/2" male NPSH plug with wire cable attached to base
- elbow: 6" aluminum tube 6061-T6, powder coated red
- posts: welded between upper and lower base, 6061-T6 aluminum
- siphon jet: 3/4" ID 6061-T6 aluminum pipe, powder coated red
- elbow pivot rod: 1/4" thick, 304 stainless steel
- washers: polypropylene used for ease of elbow pivot and longer wear
- pivot bracket: 3/16" thick x 1 1/2" x 1 1/2", angle 6061-T6 aluminum
- 6" swivel: long handle, black anodized, 6061-T6 aluminum



Low Level Strainers - Threaded Female Swivel with and without Jet Siphon

Thread	1 1/2" NPSH Jet Siphon Part #	Price/E	1 1/2" NST (NH) Jet Siphon Part #	Price/E	without Jet Siphon Part #	Price/E
3" NST	NCS-LLSJ-30FS	\$611.10	NCS-LLSJ-30FF	\$859.10	NCS-LL-30F	\$728.35
4" NST (NH)	NCS-LLSJ-40FS	726.45	NCS-LLSJ-40FF	1395.00	NCS-LL-40F	563.00
4 1/2" NST (NH)	NCS-LLSJ-45FS	971.95	NCS-LLSJ-45FF	1403.20	NCS-LL-45F	774.70
5" NST (NH)	NCS-LLSJ-50FS	1101.25	NCS-LLSJ-50FF	1431.85	NCS-LL-50F	891.35
6" NST (NH)	NCS-LLSJ-60FS	856.25	NCS-LLSJ-60FF	863.20	NCS-LL-60F	774.00

Low Level Strainers - Storz Adapter with and without Jet Siphon

Thread Size	1 1/2" NPSH Jet Siphon Part #	Price/E	1 1/2" NST (NH) Jet Siphon Part #	Price/E	without Jet Siphon Part #	Price/E
2 1/2"	NCS-LLSJ-25SZS	\$641.50	NCS-LLSJ-25SZF	\$945.00	NCS-LL-25SZ	\$745.80
3"	NCS-LLSJ-30SZS	630.00	NCS-LLSJ-30SZF	973.65	NCS-LL-30SZ	809.50
4"	NCS-LLSJ-40SZS	757.95	NCS-LLSJ-40SZF	1575.00	NCS-LL-40SZ	624.00
5"	NCS-LLSJ-50SZS	1172.95	NCS-LLSJ-50SZF	1546.40	NCS-LL-50SZ	722.30
6"	NCS-LLSJ-60SZS	1106.95	NCS-LLSJ-60SZF	1088.20	NCS-LL-60SZ	925.00

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Aluminum Barrel Strainers



Features:

- lightweight
- anodized aluminum finish
- full-flow design
- rocker lugs
- tie off hook for drafting placement

Female Barrel Strainers



Size	NST (NH) Part #	Price/E	NPSH Part #	Price/E
2½"	FST250F	\$321.90	FST250S	\$321.10
3"	FST300F	340.30	FST300S	341.90
4"	FST400F	385.00	FST400S	384.95
4½"	FST450F	468.95	---	---
5"	FST500F	482.40	FST500S	482.40
6"	FST600F	454.40	FST600S	454.35

Storz Barrel Strainers



Storz	Part #	Price/E
2½"	ST250	\$257.30
3"	ST300	254.55
4"	ST400	434.45
5"	ST500	960.65
6"	ST600	787.50

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Basket Strainers - Female Threaded



Size	NST (NH) Part #	Price/E	NPSH Part #	Price/E
2½"	BSKTST250F	\$372.30	BSKTST250S	\$185.50
3"	BSKTST300F	389.50	BSKTST300S	190.75
4"	BSKTST400F	515.50	BSKTST400S	285.00
5"	BSKTST500F	630.00	BSKTST500S	330.00
6"	BSKTST600F	601.40	BSKTST600S	357.70

Floating Strainers

Feature:

- steel screen

Floating Strainers - Female Swivel

Female Inlet	Aluminum NST (NH) Part #	Price/E	Aluminum NPSH Part #	Price/E
2½"	NCS-FDFS-25F	\$814.50	NCS-FDFS-25S	\$839.50
3"	NCS-FDFS-30F	837.00	NCS-FDFS-30S	681.85
3"	NCS-FDFS-30F	837.00	NCS-FDFS-30S	681.85
4"	NCS-FDFS-40F	874.40	NCS-FDFS-40S	874.35
4½"	NCS-FDFS-45F	1400.40	---	---
5"	NCS-FDFS-50F	1549.00	NCS-FDFS-50S	1548.95
6"	NCS-FDFS-60F	1632.30	NCS-FDFS-60S	1253.95



Floating Strainers - Storz

Storz Inlet	Aluminum Part #	Price/E
2½"	NCS-FDSTZ-25	\$810.55
3"	NCS-FDSTZ-30	831.10
4"	NCS-FDSTZ-40	914.10
5"	NCS-FDSTZ-50	1689.55
6"	NCS-FDSTZ-60	1522.15



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Dixon™ Polypropylene Strainers

Features:

- prevents debris larger than 1 mm such as leaves, vegetation or fish, from entering your pump system, therefore reducing costly pump and equipment damage and down time
- designed and manufactured to meet the capacities of all major pump manufacturers from 25 GPM to 2000 GPM

Single Layer (Short Style 8" Lg plus fitting)

Size	Female Thread	Polypropylene Part #	Price/E
2½"	NST (NH)	FSTP-SS-25F	\$602.35
3"		FSTP-SS-30F	767.70
4"		FSTP-SS-40F	930.15
4½"		FSTP-SS-45F	1008.00
5"		FSTP-SS-50F	1065.30
6"		FSTP-SS-60F	1139.75

Single Layer (Long Style 13" Lg plus fitting)

Size	Female Thread	Polypropylene Part #	Price/E
2½"	NST (NH)	FSTP-LS-25F	\$721.65
3"		FSTP-LS-30F	933.55
4"		FSTP-LS-40F	1122.55
4½"		FSTP-LS-45F	1214.20
5"		FSTP-LS-50F	1294.40
6"		FSTP-LS-60F	1363.10



short style

Dual Layer (Short Style 8" Lg plus fitting)

Size	Female Thread	Polypropylene Part #	Price/E
2½"	NST (NH)	FSTP-SD-25F	\$843.55
3"		FSTP-SD-30F	1025.00
4"		FSTP-SD-40F	1197.50
4½"		FSTP-SD-45F	1306.20
5"		FSTP-SD-50F	1361.85
6"		FSTP-SD-60F	1450.95

Dual Layer (Long Style 13" Lg plus fitting)

Size	Female Thread	Polypropylene Part #	Price/E
2½"	NST (NH)	FSTP-LD-25F	\$1065.00
3"		FSTP-LD-30F	1319.30
4"		FSTP-LD-40F	1524.55
4½"		FSTP-LD-45F	1674.55
5"		FSTP-LD-50F	1754.85
6"		FSTP-LD-60F	1849.10



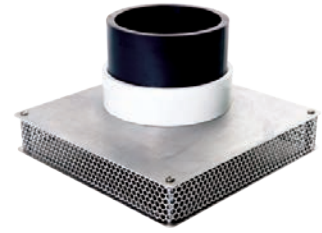
long style

Dixon™ Strainers

Dry Fire Hydrant - Low Level Strainer

Features:

- aluminum base
- low level design allows for vertical bridge or cistern installations
- repels water born debris flowing downstream
- 6" male PVC coupling for easy connection to PVC pipe



Pipe Size	Housing Material	Dimensions	Aluminum Part #	Price/E
6" male PVC	aluminum	12" x 12" x 2"	DFH-9283-100	\$1120.25

Stream Strainer

Features:

- aluminum base
- low level design allows for shallow stream installations
- repels water born debris flowing downstream
- 6" male PVC coupling for easy connection to PVC pipe



Pipe Size	Housing Material	Dimensions	Aluminum Part #	Price/E
6" male PVC	aluminum	24" x 16" x 8"	DFH-9292-001	\$979.00

Dixon™ Strainers

Foot Valve Strainers

Feature:

- rocker lug
- brass poppet
- for water use only



Size	Thread	Anodized Aluminum Part #	Price/E
2"	NST (NH)	N-FTVLST-20F	\$72.50
2"	NPSH	N-FTVLST-20S	69.70

Brass Tanks

Female NPT	Cast Brass Part #	Price/E
4"	BS400	\$673.50
5"	BS500	621.05
6"	BS600	1726.85
8"	BS800	2459.70

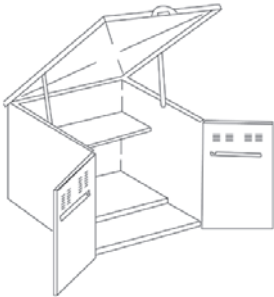


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FM Steel Hydrant House

Features:

- red polyester coated finish
- Factory Mutual approved
- heavy 16-gauge steel throughout, including the shelves
- one-piece roof construction, sloped to the rear for adequate drainage and hinged at the rear with arms on both sides and a front hasp
- doors are fitted with a full-length latch and cross brace to ensure firm closing
- provides adequate space to store all equipment specified by both Factory Mutual and NFPA standards, plus room for additional equipment
- "FIRE HOSE" decal is provided for the cabinet front
- hose or accessories not included
- accessory hardware required but not included
- concrete base is to be supplied by a contractor
- shipped unassembled with instructions



Steel Part #	Price/E
HH30145	\$2468.50

Dimensions		
width	depth	height
45½"	45½"	34½"

FM Steel Hose Cabinet

Features:

- red polyester coated finish on heavy 18-gauge steel
- wall type hose cabinet used for storage for industrial fire protection equipment
- designed for wall installation, with or without legs, or free standing
- supplied with holes in the back for wall mounting and 1" pipe couplings on the bottom for adding legs
- Factory Mutual approved
- hose or accessories not included
- accessory hardware required but not included
- furnished without legs - if legs required - contact Dixon™
- concrete base is to be supplied by a contractor



Steel Part #	Price/E
HC30143	\$2319.55

Dimensions		
width	depth	height
60"	15"	48"

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Basic Approved Equipment for house/cabinet

Examples				Quantity Required		
Part #	Price/E	Description	Page #	Factory Mutual	UL & FIA	ISO
A525-50RAF ¹	\$472.15	2½" x 50' single jacket hose	627	4	5	5
A515-50RAF ¹	281.45	1½" x 50' single jacket hose	627	2	0	0
UPP250F ¹	718.35	Underwriters play pipe	614	0	2	2
BFN250NST ¹	309.00	2½" adjustable fog nozzle	608	2	0	0
BFN150NST ¹	144.75	1½" adjustable fog nozzle	608	1	0	0
HA2515F ¹	29.70	2½" x 1½" pin lug adapter	572	1	0	0
233	43.20	universal spanner	618	4	5	5
189	38.70	adjustable hydrant wrench	619	2	2	2
PHFA6	220.00	6 lb. fire axe	652	0	1	1
FCB48	142.35	crowbar	---	0	1	1
SW150 ¹	2.00	2½" hose coupling gasket	639	4	5	5
SW250 ¹	3.25	1½" hose coupling gasket	639	2	0	0

¹ threads must be appropriate to the authority having jurisdiction

Sprinkler System Gauges (UL-393)



Features:

- specifically designed for the fire sprinkler industry
- Bourdon tube pressure gauges with black polycarbonate case
- snap-in clear polycarbonate window, 4" face
- white aluminum dial with stop pin, black and red markings
- black aluminum non-adjustable pointer
- ¼" NPT lower mount
- ASME B40.1 Grade B (+ 3/2/3% accuracy)
- U/L Listed (U/L-393) and Factory Mutual Approved for fire sprinkler service
- temperature range: **-40°F to 140°F** (-40°C to 60°C)



Type	Part #	Price/E
water (0-300 PSI)	SWG300-4	\$38.40
water retard (0-80 PSI) to (0-250 PSI) air	SWRG80-250-4	38.40

Line Test Gauges

Features:

- rocker lug swivel
- used for testing static or flowing pressures in hoses or nozzles
- supplied with **0-300 PSI** glycerine filled 3½" diameter gauge
- freeze proof to **-40°F** (-40°C)
- other sizes and threads are also available, contact Dixon™

NH (NST) Thread	Hardcoated Aluminum Part #	Price/E
1½"	ALTG150F	\$300.00
2½"	ALTG250F	330.00



Three Way Gauge Valve

Features:

- permits the checking or replacing of a gauge without shutting down the whole line
- body: brass, disc: rubber

NPT Thread	Working Pressure PSI	Part #	Price/E
¼"	175	TWGV25	\$22.10



PITOT Gauge

Features:

- liquid filled gauge 0-160 PSI is standard, other pressures available, contact Dixon™
- supplied with handle grip, case and fire stream/friction loss data

Part #	Price/E
PG8083	\$536.80



Sprinkler Line Tester

Features:

- installs on the last sprinkler head on system branch lines and controls water flow for flushing or testing the system

NPT Thread	Brass Part #	Price/E
1"	SLT10050	\$112.75

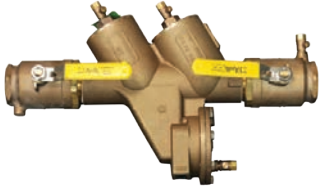




Backflow Preventer

Features:

- provides maximum protection against backflow caused by back-pressure or back-siphonage from a cross-connection wherein a contaminant hazard exists
- consists of two spring-loaded poppet type check valves and a mechanically independent, hydraulically dependent pressure differential relief valve
- three top mounted test cocks ensure easy access during repair and maintenance
- working pressure: to **175 PSIG**
- temperature range: **33°F to 180°F**
- meets Foundation for Cross Connection Control and Hydraulic Research at University of Southern California Manual Section 10, ASSE 1015, AWWA C-510 and CSA B64.4 specifications
- Underwriters Listed and Factory Mutual approved
- create a Fire Hydrant Backflow Preventer by using the **RSMSA25F20T** (page 599) and the **DMH2025F** (page 582)



NPT Thread	Brass Part #	Price/E
2"	BFP200	\$1793.75

Hand Hydrotest Pump

Features:

- designed for use in testing pipe lines, pressure tanks and pressure vessels
- uses check valves which are more efficient and longer lasting than old poppet system
- cylinder displacement: 1.37 cu. in.
- 0 -1000 PSI pressure gauge, 10' high pressure hose and quick disconnect coupler included
- piston: 7/8" with 2" stroke
- stainless steel piston
- working pressure: **1000 PSI** at 70°F (21°C)



NPT Inlet	NPT Outlet	Aluminum Part #	Price/E
1/2"	1/2"	HHTP	\$2233.60

Large Diameter Hose Roller

Features:

- ABS rollers
- two man operation



Steel Part #	Price/E
FHR	\$606.90

P

Elbows Angle and Suction

Features:

- for use on pump discharge valves, or suction inlets to minimize hose kinking
- rocker lug swivel
- satin brass finish
- -C polished chrome plated

Male NST (NH)	Female NST (NH)	Angle	Brass Part #	Price/E
2½"	2½"	30°	RSE30250F-C	\$358.10
2½"	2½"	45°	RSE45250F	209.10
2½"	2½"	45°	RSE45250F-C	298.00
2½"	2½"	90°	RSE90250F	216.00
2½"	2½"	90°	RSE90250F-C	242.00



30° elbow



45° elbow

Continuous Swivel

Features:

- allows hose to swing when connected
- full waterway reduces friction loss
- short style radius is 2½" measured from the center of the waterway to the end of the discharge thread

Female NPT	Male Thread	Length	Cast Brass Part #	Price/E
1½"	1½" NST (NH)	2½"	CSES150F	\$180.00
2"	1½" NST (NH)	2½"	CSES2015F	180.00
1½"	1½" NPT	2½"	CSES150T	180.00



Dixon™ Adapters N54 - Angle and Suction Elbows

Features:

- ideal for fire apparatus with front suction connections
- anodized, powder coated aluminum, extruded
- anodized female swivel connections

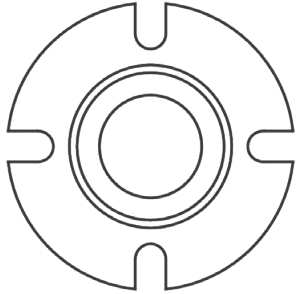
Angle	Male NST (NH)	Female NST (NH) Swivel	Aluminum Part #	Price/E
30°	2½"	2½"	N5430-25F25F	\$318.70
45°	2½"	2½"	N5445-25F25F	262.50
60°	2½"	2½"	N5460-25F25F	330.90
90°	2½"	2½"	N5490-25F25F	332.80



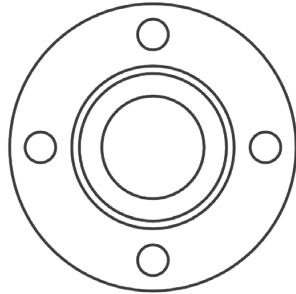
90° elbow

P

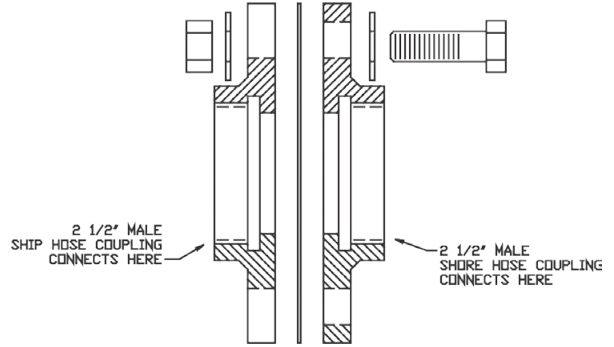
Brass International Shore Connections



shore connection
09-319



shore connection
09-318



shore side



ship side

Features:

- meets US Coast Guard specifications for vessels 1000 gross tons or more
- makes possible the connection of two different threads between ship and shore or between ships
- 7" OD brass flange with 4 3/4" holes
- includes 8 washers, 4 hexagon brass nuts, 4 hex head bolts, 1 washer, 1 fiber gasket
- working pressure: **300 PSI**
- standardly supplied with NST threads, also available in NPT and NYFD threads

Description	Brass Part #	Price
shore side	09-318-00001	\$353.10
ship side	09-319-00001	353.10

Wharf Hydrants



Features:

- used to provide a fire department outlet connection
- pentagon nut at top of spindle discourages unauthorized use
- hydrostatically tested
- maximum operating pressure: **300 PSI** at 70°F (21°C)

Inlet Female NPT	Outlet Male NST (NH)	Height Open	Height Closed	Cast Brass Part #	Price/E
3"	2 1/2"	16.38	14.25	WHYD3025F	\$932.15
4"	2 1/2"	16.38	14.25	WHYD4025F	1053.70
4"	4 1/2"	18.13	15.63	WHYD4045F	1310.00

Replacement Parts



hand wheel



pentagon hex nut

Description	Part #	Price/E
hand wheel	46-030-00025	\$26.00
pentagon hex nut	44-251-00006	16.20

P

Threaded Mounting Plates (Brackets)

Size Chart

Size #	Male Threaded Mounting Plate Part #	Price/E	Female Threaded Mounting Plate Part #	Price/E
1½" NST (NH)	TMPM15F	\$67.90	TMPF15F	\$67.90
1½" NPSH	TMPM15S	64.75	TMPF15S	64.75
2½" NST (NH)	TMPM25F	77.05	TMPF25F	83.65
3" NST (NH)	TMPM30F	92.65	TMPF30F	97.75
4" NST (NH)	TMPM40F	121.15	TMPF40F	146.20
4½" NST (NH)	TMPM45F	143.20	TMPF45F	140.75
5" NST (NH)	TMPM50F	166.10	TMPF50F	159.25
6" NST (NH)	TMPM60F	184.45	TMPF60F	176.40

Replacement Parts and Repair Kits

Decription	Part #	Price/E
retractable knob for piston valve handwheel	PV-KNOB	\$177.75
complete handwheel for piston valve	PV-HDWHL	255.00
knob for gate valve handwheel	GV-KNOB	61.85
complete handwheel for gate valve	GV-HDWHL	154.55
knob for 2½" hydrant gate valve	HGV-KNOB	14.00
complete handwheel for hydrant gate valve	HGV-HDWHL	48.00
piston intake relief valve gasket repair kit (aluminum)	FSGR-RK	81.20
gate valve gasket repair kit	FSGV-RK	151.50
gate valve with PRV gasket repair kit	FSGVR-RK	144.25
hydrant booster valve gasket repair kit	FSHV-RK	57.30
2-way ball valve gasket repair kit	MSBV-RK	70.70
3-way ball valve gasket repair kit	MSBVR(3)-RK	74.60
large gated wye gasket repair kit	SJBV-RK	57.30
5-way manifold gasket repair kit	MSMG-RK	57.30
jumbo siamese gasket repair kit	SSVJ-RK	68.00

Domestic Bronze Ball Valves

Application:

- for control of air, water, oil and gas in hose or pipe lines. For other services, please contact Dixon™

Features:

- pressure rating: **600 PSI** WOG; **150 PSI** saturated steam
- bronze valve bodies, balls and stems
- blow-out proof stems
- glass-filled reinforced PTFE seats and stuffing box ring; stem seals and washers
- plated steel handles and nuts with vinyl sleeves replacements available, consult Dixon™ for pricing
- full and standard port valves are repairable
- meets WW-V 35C, Type II Composition



female NPT x female NPT

Size	Port	Bronze	
		Part #	Price/E
1/4"	full	BBV25	\$36.00
3/8"	full	BBV38	36.00
1/2"	full	BBV50	36.00
3/4"	standard	BBV75	59.30
1"	standard	BBV100	74.80
1 1/4"	standard	BBV125	125.40
1 1/2"	standard	BBV150	160.25
2"	standard	BBV200	200.75
2 1/2"	standard	BBV250	990.00
3"	standard	BBV300	1160.00

Domestic Full Port Ball Valves

Features:

- machined solid chrome-plated ball
- multi-fill PTFE seats and seals
- adjustable packing
- blow-out proof stem design
- bronze castings
- vacuum service to 29 inches Hg
- pressure rating: **600 PSI** WOG; **150 PSI** saturated steam



female NPT x female NPT

Size	Port	Bronze	
		Part #	Price/E
3/4"	full	BBV75FP	\$55.75
1"	full	BBV100FP	70.55
1 1/4"	full	BBV125FP	164.50
1 1/2"	full	BBV150FP	218.15
2"	full	BBV200FP	375.85

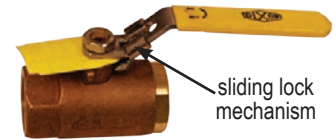
Locking Handle Bronze Ball Valves

Application:

- for control of air, water, oil and gas in hose or pipe lines for other services, please contact Dixon™

Features:

- pressure rating: **600 PSI** WOG; **150 PSI** saturated steam
- blow-out proof RPTFE stem
- chrome-plated bronze ball
- Stainless steel sliding lock mechanism secures handle in open or closed position; can be padlocked opened or closed.
- plated steel handles and nuts with vinyl sleeves
- full and standard port valves are repairable



female NPT x female NPT

Size	Port	Bronze	
		Part #	Price/E
¼"	full	BBLV25	\$47.25
⅜"	full	BBLV38	47.25
½"	full	BBLV50	47.25
¾"	standard	BBLV75	70.40
1"	standard	BBLV100	85.90
1¼"	standard	BBLV125	136.50
1½"	standard	BBLV150	171.25
2"	standard	BBLV200	211.75

Bronze Ball Valves

Application:

- for air, water, oil and gas service

Features:

- pressure rating: **600 PSI**, cold non-shock
pressure rating: **150 PSI** saturated steam
- chromium plated ball
- RTFE seats and stuffing box ring
- blow-out proof stem
- adjustable packing gland



female NPT x male NPT

Size	Port	Bronze	
		Part #	Price/E
½"	full	BMV50	\$44.00
¾"	standard	BMV75	70.00
1"	standard	BMV100	100.00

"Deadman" Spring Return Handle Bronze Ball Valves

Features:

- pressure rating: **600 PSI** WOG; **150 PSI** saturated steam
- vacuum service to 29 inches Hg
- stainless steel lever
- chromium plated ball
- RTFE seats and stuffing box ring
- blow-out proof stem design
- adjustable packing gland
- spring return closes valve when not held open
- operating torque approximately three times standard valve torque



female NPT x female NPT

Size	Port	Bronze	
		Part #	Price/E
½"	full	BBV50SR	\$264.25
¾"	standard	BBV75SR	300.00
1"	standard	BBV100SR	313.55
1½"	standard	BBV150SR	505.00
2"	standard	BBV200SR	595.00

250 Lb. Steam Ball Valves

Application:

- recommended for use with fluids with widely varying temperatures and/or thermal expansion rates

Features:

- pressure rating: **600 PSI**; **250 PSI** saturated steam
- vacuum service to 29 inches Hg
- bronze body
- 316 stainless steel ball and stem
- blow-out proof stem design
- multi-fill RPTFE seats
- multi-fill stuffing box ring
- high temperature MTFE stem packing
- adjustable packing gland
- maximum temperature: **450°F**



female NPT x female NPT

Size	Port	Bronze	
		Part #	Price/E
1/2"	full	BBV50ST	\$80.00
3/4"	standard	BBV75ST	128.00
1"	standard	BBV100ST	155.00
2"	standard	BBV200ST	430.00

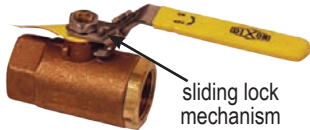
Safety Vented Ball Valves

Applications:

- for air service only
- vent downstream air in accordance with OSHA regulation 1910.147 for pneumatic systems

Features:

- pressure rating: **600 PSI**
- bronze valve
- chromium plated ball
- RPTFE seats and stuffing box ring
- blow-out proof stem design
- adjustable packing gland



sliding lock mechanism

female NPT x female NPT

Size	Port	Bronze	
		Part #	Price/E
1/4"	full	BBV25LV	\$52.90
3/8"	full	BBV38LV	52.90
1/2"	full	BBV50LV	52.90
3/4"	standard	BBV75LV	76.25
1"	standard	BBV100LV	97.40
1 1/4"	standard	BBV125LV	154.00
1 1/2"	standard	BBV150LV	188.80
2"	standard	BBV200LV	229.25

Bronze Ball Valves with NPT Tap for Drain

Application:

- recommended for water and air service

Features:

- pressure rating: **125 PSI** WOG
- vent downstream air in accordance with OSHA regulations for pneumatic systems
- chromium plated ball
- RPTFE seats and stuffing box ring
- blow-out proof stem
- adjustable packing gland
- auto-drain / auto-vent
- 1/4" NPT tapped port provides additional options such as an air venting elbow or noise muffler



female NPT x female NPT

Size	Port	Bronze	
		Part #	Price/E
1/4"	full	BBV25VT	\$58.00
3/8"	full	BBV38VT	58.00
1/2"	full	BBV50VT	57.00
3/4"	full	BBV75VT	115.00
1"	full	BBV100VT	165.00

Imported Brass Ball Valves

Applications:

- for control of air, water, oil and gas in hose or pipe lines, for other services, please contact Dixon™

Features:

- pressure rating: **600 PSI WOG**; **150 PSI** Working Steam Pressure
- forged brass body
- blow-out proof stems
- PTFE seat, seal and thrust washer
- chrome-plated brass ball and plated steel handle
- maximum temperature: **366°F**
- Underwriters Listed

female NPT x female NPT

Size	Port	Part #	Brass	Price/E
1/4"	full	FBV25		\$18.30
3/8"	full	FBV38		18.90
1/2"	full	FBV50		22.25
3/4"	full	FBV75		31.70
1"	full	FBV100		47.15
1 1/4"	full	FBV125		82.10
1 1/2"	full	FBV150		121.45
2"	full	FBV200		172.20



female NPT x female NPT

Size	Port	Part #	Brass	Price/E
2 1/2"	full	FBV250		\$379.55
3"	full	FBV300		543.20
4"	full	FBV400		897.60

Locking Handle Imported Brass Ball Valves

Applications:

- for control of air, water, oil and gas in hose or pipe lines, for other services, please contact Dixon™

Features:

- pressure ratings: **600 PSI WOG**; **150 PSI** Working Steam Pressure
- forged brass body
- blow-out proof stem
- PTFE seat, seal and thrust washer
- chrome-plated brass ball and plated steel handle
- maximum temperature: **366°F**

female NPT x female NPT

Size	Port	Part #	Brass	Price/E
1/2"	full	FBVL50		\$36.00
3/4"	full	FBVL75		47.00
1"	full	FBVL100		64.50
1 1/4"	full	FBVL125		106.70
1 1/2"	full	FBVL150		150.50
2"	full	FBVL200		205.90
2 1/2"	full	FBVL250		446.25
3"	full	FBVL300		654.40
4"	full	FBVL400		1084.50



Q

Global Brass Ball Valves

Applications:

- for water and air only

Features:

- pressure ratings:
 - 1/4" - 3/8" rated to **365 PSI**
 - 1/2" - 2" rated to **600 PSI**
- forged brass body
- maximum temperature: **248°F** (120°C)



female NPT x female NPT

Size	Port	Brass	
		Part #	Price/E
1/4"	full	FBVG25	\$7.50
3/8"	full	FBVG38	7.50
1/2"	full	FBVG50	11.80
3/4"	full	FBVG75	16.60
1"	full	FBVG100	27.25
1 1/4"	full	FBVG125	42.00
1 1/2"	full	FBVG150	59.00
2"	full	FBVG200	90.00

Solder End Brass Ball Valves

Application:

- designed to provide the best protection against potential gas leakage under extreme duty or low pressure applications

Features:

- pressure rating: **600 PSI** WOG; **150 PSI** working steam pressure
- maximum temperature: **366°F**
- brass body
- blow-out proof stem
- chrome-plated brass ball
- adjustable stem packing nut
- PTFE seat, seal, and thrust washer



Size	Port	Brass	
		Part #	Price/E
1/2"	full	FBV50SE	\$23.95
3/4"	full	FBV75SE	32.65
1"	full	FBV100SE	48.15
1 1/4"	full	FBV125SE	86.80
1 1/2"	full	FBV150SE	125.55
2"	full	FBV200SE	178.15

Lead Free Brass Ball Valves

Features:

- lead free refers to the wetted surface of pipes, fittings and fixtures in potable water systems that have a weighted average lead content = 0.25%. Source: California Health & Safety Code (116875). Vermont Act 193*171NLF
- pressure rating: 600 WOG - 150 WSP
- maximum temperature: **366°F**
- PTFE seat and double O-ring stem packing

female NPT x female NPT



Size	Port	Brass	
		Part #	Price/E
1/2"	full	LFV50	\$26.75
3/4"	full	LFV75	38.00
1"	full	LFV100	57.00
1 1/4"	full	LFV125	99.00
1 1/2"	full	LFV150	146.00
2"	full	LFV200	214.00

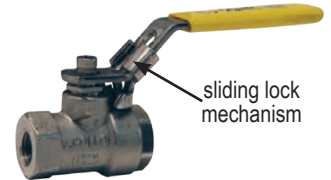
316 Stainless Steel 2-Piece Domestic Ball Valves Full Port

Features:

- pressure rating: **1,000 PSI** Cold Working Pressure
- pressure rating: **150 PSI** saturated steam
- vacuum service to 29 inches Hg
- 316 stainless body, ball and stem
- PTFE seal
- blow-out proof stem
- vinyl handle cover
- temperature range: **-40°F to 400°F**

female NPT x female NPT

Size	Port	316 Stainless Steel	
		Part #	Price/E
1/4"	full	DSBV25	\$95.50
3/8"	full	DSBV38	95.50
1/2"	full	DSBV50	100.25
3/4"	full	DSBV75	131.50
1"	full	DSBV100	185.25
1 1/4"	full	DSBV125	234.50
1 1/2"	full	DSBV150	367.50
2"	full	DSBV200	457.00



Stainless Steel Ball Valves Full Port

Application:

- for use with water, oil and gas

Features:

- pressure rating: 1/4" - 2" rated to **1000 PSI** WOG (CWP)
2 1/2" - 3" rated to **800 PSI** WOG (CWP)
100 PSI saturated steam
- 316 stainless steel body, ball and stem
- R-PTFE seat, joint gasket and thrust washer
- plastic cover on handle
- blow-out proof stem design
- temperature range: **-20°F to 450°F**

female NPT x female NPT

Size	Port	316 Stainless Steel	
		Part #	Price/E
1/4"	full	SSBV25	\$39.50
3/8"	full	SSBV38	42.00
1/2"	full	SSBV50	44.00
3/4"	full	SSBV75	63.00
1"	full	SSBV100	84.00
1 1/4"	full	SSBV125	121.00
1 1/2"	full	SSBV150	166.00
2"	full	SSBV200	232.00
2 1/2"	full	SSBV250	495.00
3"	full	SSBV300	690.00



Q

Stainless Steel Ball Valves

Full Port, Locking Handle

Application:

- for use with water, oil and gas

Features:

- pressure rating: ¼" - 2" rated to **1000 PSI** WOG (CWP)
2½" - 3" rated to **800 PSI** WOG (CWP)
100 PSI saturated steam
- 316 stainless steel body, ball and stem
- R-PTFE seat, joint gasket and thrust washer
- plastic cover on handle
- blow-out proof stem design
- temperature range: **-20°F to 450°F**
- lockable

**female NPT x female NPT**

Size	Port	316 Stainless Steel	
		Part #	Price/E
¼"	full	SSLBV25	\$43.00
⅜"	full	SSLBV38	44.00
½"	full	SSLBV50	48.00
¾"	full	SSLBV75	70.00
1"	full	SSLBV100	90.00
1¼"	full	SSLBV125	129.00
1½"	full	SSLBV150	171.00
2"	full	SSLBV200	236.00
2½"	full	SSLBV250	510.00
3"	full	SSLBV300	750.00

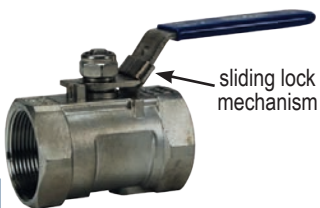
Reduced Port, Locking Handle

Application:

- for use with water, oil and gas

Features:

- pressure rating: **800 PSI** WOG; **100 PSI** saturated steam
- 316 stainless steel body, ball and stem
- R-PTFE seat, joint gasket and thrust washer
- plastic cover on handle
- blow-out proof stem design
- temperature range: **-20°F to 450°F**
- lockable

**female NPT x female NPT**

Size	Port	316 Stainless Steel	
		Part #	Price/E
¼"	reduced	SSLBV25SP	\$28.50
⅜"	reduced	SSLBV38SP	30.50
½"	reduced	SSLBV50SP	32.50
¾"	reduced	SSLBV75SP	44.00
1"	reduced	SSLBV100SP	63.00
1¼"	reduced	SSLBV125SP	84.00
1½"	reduced	SSLBV150SP	115.00
2"	reduced	SSLBV200SP	162.00

3-Piece Industrial Stainless Steel Ball Valves

Features:

- blow out proof stem
- live-loaded stem packing
- swing out design for easy maintenance
- ISO 5211 mounting pad
- RTFE seat and seals
- maximum temperature: **400°F**

Size	Port	PSI @ 65°F	Body Length	Female NPT CF8M Stainless Steel		Socket Weld CF8M Stainless Steel	
				Part #	Price/E	Part #	Price/E
½"	full	1000	2.5"	BV2IG-05011-A	\$105.00	BV2IG-05033-A	\$105.00
¾"	full	1000	3.1"	BV2IG-07511-A	131.45	BV2IG-07533-A	131.45
1"	full	1000	3.3"	BV2IG-10011-A	171.45	BV2IG-10033-A	171.45
1¼"	full	1000	4.1"	BV2IG-12511-A	227.70	BV2IG-12533-A	227.70
1½"	full	1000	4.4"	BV2IG-15011-A	311.60	BV2IG-15033-A	311.60
2"	full	1000	5.1"	BV2IG-20011-A	443.95	BV2IG-20033-A	443.95
2½"	full	800	6.6"	BV2IG-25011-A	887.55	BV2IG-25033-A	887.55
3"	full	800	7.3"	BV2IG-30011-A	1260.00	BV2IG-30033-A	1260.00
4"	full	600	8.9"	BV2IG-40011-A	2178.85	BV2IG-40033-A	2178.85



Domestic "Deadman" Spring Return Handle Ball Valves

Features:

- pressure rating: **2000 PSI WOG** ½" to 1"; **1500 PSI WOG** 1¼" to 2"
- **150 PSI** saturated steam, all sizes
- vacuum service to 29 inches Hg, all sizes
- PTFE seal
- blow-out proof stem design
- adjustable packing gland
- spring return closes valve when not held open
- operating torque approximately three times standard valve torque

female NPT x female NPT

Size	Port	316 Stainless Steel	
		Part #	Price/E
½"	full	SSBV50SR	\$280.20
¾"	standard	SSBV75SR	362.75
1"	standard	SSBV100SR	407.70
1¼"	standard	SSBV125SR	663.75
1½"	standard	SSBV150SR	715.00
2"	standard	SSBV200SR	888.75



Industrial Wafer Ball Valves

Features:

- ANSI Class 150 wafer style ball valve
- full port, sizes 1" to 4"
- blow out proof stem
- ideal option to high performance butterflies
- space saving, anti-static stem design
- locking plate included

Materials:

- body – CF8M
- ball and end connection – 316 stainless steel
- elastomers – FKM
- stem seal – PTFE

Size	Stainless Steel	
	Part #	Price/E
1"	BV2IC-100WW-A	\$662.10
1¼"	BV2IC-125WW-A	755.05
1½"	BV2IC-150WW-A	859.00
2"	BV2IC-200WW-A	1069.70
2½"	BV2IC-250WW-A	1707.20
3"	BV2IC-300WW-A	2320.00
4"	BV2IC-400WW-A	3436.20



Full Flow Ball Valves

Features:

- high flow rate; low pressure drop
- wetted parts are aluminum and stainless steel
- FPM seals
- spindle can be disassembled even when ball valve is installed
- working pressure: **150 PSI** at ambient temperature (70°F)
- standard valve ports - female NPT, socket weld for Schedule 40 pipe and grooved
- optional ports include DN flange, butt weld and 150# flange, contact Dixon™ for details
- two ports - one inlet and one outlet

One-Way with Female NPT ends



Size	Aluminum	
	Part #	Price/E
2"	1WAYBV200	\$790.00
3"	1WAYBV300	1050.00
4"	1WAYBV400	1520.00

One-Way with Socket Weld End to Schedule 40 Pipe



Size	Bore	Aluminum	
		Part #	Price/E
2"	2.390"	1WAYBV200SW	\$816.50
3"	3.530"	1WAYBV300SW	1085.75

One-Way with Grooved Ends



Size	Aluminum	
	Part #	Price/E
2"	1WAYBV200VIC	\$1080.00
3"	1WAYBV300VIC	1699.00

Full Flow Ball Valves

Features:

- high flow rate; low pressure drop
- wetted parts are aluminum and stainless steel
- FPM seals
- spindle can be disassembled even when ball valve is installed
- working pressure: **150 PSI** at ambient temperature (70°F)
- standard valve ports - female NPT, socket weld for Schedule 40 pipe and grooved
- optional ports include DN flange, butt weld and 150# flange, contact Dixon™ for details
- three ports - one inlet and two outlets, valve directs the flow from the inlet to either of the two outlets
- commonly used for switching compartments or tanks

Two-Way with Female NPT ends

Size	Aluminum	
	Part #	Price/E
2"	2WAYBV200	\$1100.00
3"	2WAYBV300	1370.00
4"	2WAYBV400	3070.00



Two-Way with Socket Weld End to Schedule 40 Pipe

Size	Bore	Aluminum	
		Part #	Price/E
2"	2.390"	2WAYBV200SW	\$1140.00
3"	3.530"	2WAYBV300SW	1464.25



Two-Way with Grooved Ends

Size	Aluminum	
	Part #	Price/E
2"	2WAYBV200VIC3	\$1490.00
3"	2WAYBV300VIC3	2495.00



Q

Carbon Steel Ball Valves

Application:

- for control of air, water, oil and gas in hose or pipe lines, for other services, please contact Dixon™

Features:

- pressure rating: **150 PSI** saturated steam
- carbon steel body
- chromium plated ball
- RPTFE seat and seal
- blow-out proof stem
- adjustable packing gland



female NPT x female NPT

Size	PSI	Port	Carbon Steel	
			Part #	Price/E
¼"	2000	full	IBV25	\$64.00
⅜"	2000	full	IBV38	64.00
½"	2000	standard	IBV50	64.00
¾"	2000	standard	IBV75	74.00
1"	2000	standard	IBV100	98.50
1¼"	1500	standard	IBV125	150.00
1½"	1500	standard	IBV150	208.00
2"	1500	standard	IBV200	270.00

High Pressure Full-Bore Ball Valves

Features:

- blow-out proof stem
- rugged construction
- FKM/FPM seals
- POM (Polyacetal) ball seats



female NPT x female NPT

Size	PSI	Carbon Steel				PSI	316 Stainless Steel	
		NPTF Part #	Price/E	SAE Part #	Price/E		NPTF Part #	Price/E
¼"	7350	HPBV25	\$63.90	HPBV25SAE	\$71.65	5880	HPBV25SS	\$427.50
⅜"	7350	HPBV38	67.80	HPBV38SAE	80.70	5880	HPBV38SS	497.50
½"	7350	HPBV12	73.70	HPBV12SAE	87.10	5880	HPBV12SS	595.00
¾"	6000	HPBV34	145.05	HPBV34SAE	162.20	5145	HPBV34SS	1027.90
1"	6000	HPBV10	173.10	HPBV10SAE	190.00	5145	HPBV10SS	1212.80
1¼"	6000	HPBV125	452.90	HPBV125SAE	490.20	---	---	---
1½"	6000	HPBV150	548.90	HPBV150SAE	583.00	---	---	---
2"	6000	HPBV200	831.00	HPBV200SAE	870.00	---	---	---

High Pressure Full-Bore 3-Way Ball Valves

NEW

Q

Features:

- temperature range: **-20°F to 215° F**
- rugged construction
- FKM seals
- POM (polyacetal) ball seats
- black oxide coating
- nickel plated ball



female NPT x female NPT x female NPT

Size	PSI	Carbon Steel NPTF Part #	Price/E
½"	5145	HPBV12-3WAY	\$163.00
¾"	5145	HPBV34-3WAY	204.00
1"	5145	HPBV10-3WAY	218.00

150# Flanged Ball Valves

NEW**Applications:**

- suitable for air, water, oil and gas

Features:

- product approvals include: LP gas shut-off valves, flammable liquid shut-off valves, gas shut-off valves, compressed gas shut-off valves, and anhydrous ammonia shut-off valves
- Body: ASTM A216 WCB
- RPTFE seat
- vacuum service to 29 inches of Hg
- pressure rating: **150 PSIG** saturated steam
- temperature up to **400°F**
- PSI rating up to **280 PSI**
- four point ISO 5211 mounting pad bolt pattern
- anti-static grounded ball and stem
- blow-out proof stem design
- bleed/drain port (cast) ½" NPT
- fire safe (graphite packing and seal)
- adjustable packing gland



Size	Port	Carbon Steel	
		Part #	Price/E
2"	full	FLBV200CS	\$1260.00
2½"	full	FLBV250CS	2125.00
3"	full	FLBV300CS	2205.00
4"	full	FLBV400CS	3370.00
6"	full	FLBV600CS	7642.00
8"	full	FLBV800CS	15526.00

Polypropylene Bolted Ball Valves

Features:

- pressure rating: ½" - 3" is rated to **125 PSI** at 70°F
4" is rated to **90 PSI** at 70°F
- chemically-resistant, reinforced polypropylene
- PTFE ball seat
- EPDM O-ring body seal, FKM O-ring stem seal
- 304 stainless steel nuts and bolts
- FDA approved material

4-bolt valve design

female NPT x female NPT

Size	Port	Polypropylene		Opt Qty
		Part #	Price/E	
½"	full	PVFP50	\$48.50	24
¾"	full	PVFP75	48.50	24
1"	full	PVFP100	56.50	24
1½"	full	PVFP150	72.25	24
1"	standard	PV100	48.50	24
2"	standard	PV200	70.00	24



Q

6-bolt valve design

female NPT x female NPT

Size	Port	Polypropylene		Opt Qty
		Part #	Price/E	
2"	full	PVFP200	\$102.00	12
3"	full	PVFP300	246.75	8
4"	full	PVFP400	520.00	4



Polypropylene Compact Bolted Ball Valves

Features:

- pressure rating: **125 PSI** at 70°F
- chemically-resistant, reinforced polypropylene body, PTFE ball seat
- EPDM O-ring body seal, FKM O-ring stem seals
- 304 stainless steel nuts and bolts
- FDA approved material


female NPT x female NPT

Size	Port	Body Length	Polypropylene	
			Part #	Price/E
2"	full	4-7/8"	PVFP200	\$80.75

female NPT x male adapter

Size	Port	Body Length	Polypropylene	
			Part #	Price/E
2"	full	6-7/8"	PVFP200	\$80.75

Polypropylene 45° Single Union Nozzle Valve

Features:

- pressure rating: **125 PSI** at 70°F
- corrosion resistant polypropylene body, PTFE ball seats
- EPDM O-ring
- FDA approved material


female NPT x nozzle

Size	Port	Polypropylene		Pkg Qty
		Part #	Price/E	
1"	full	SUBVN100	\$29.50	24

Polypropylene Bolted Ball Valves with Nozzle

Features:

- pressure rating: **125 PSI** at 70°F
- chemically-resistant, reinforced polypropylene body, PTFE ball seat
- EPDM O-ring body seals, FKM O-ring stem seals
- 304 stainless steel nuts and bolts
- FDA approved material
- body-to-flange design allows for low torque operation


female NPT x nozzle

Size	Port	Polypropylene		Opt Qty
		Part #	Price/E	
1½"	full	PVFPN150	\$98.75	12
2"	full	PVFPN200	142.50	9
2"	standard	PVN200	101.75	12

Polypropylene Single Union Ball Valves

Features:

- pressure rating: **125 PSI** at 70°F
- corrosion resistant polypropylene body, PTFE ball seat
- EPDM O-ring
- FDA approved material


female NPT x female NPT

Size	Port	Polypropylene		Pkg Qty
		Part #	Price/E	
½"	full	SUBV50	\$20.50	24
¾"	full	SUBV75	22.25	24
1"	full	SUBV100	28.25	24
1¼"	full	SUBV125	47.25	12
1½"	full	SUBV150	57.75	12
2"	full	SUBV200	74.00	12
3"	full	SUBV300	219.00	4

Domestic Gate Valves

Features:

- Class 150
- pressure rating: **300 PSI** cold working pressure, **150 PSI** steam working pressure
- union bonnet
- ASME B1.20.1
- Grafoil® packing
- rising stem
- solid disc
- malleable iron handwheel
- 100% factory tested
- temperature range: -20°F to 406°F

Female NPT	Bronze	
	Part #	Price/E
½"	DBGV50	\$119.30
¾"	DBGV75	141.70
1"	DBGV100	178.95
1¼"	DBGV125	275.90
1½"	DBGV150	340.00
2"	DBGV200	413.05



Gate Valves

Features:

- pressure rating: **200 PSI** non-shock cold water, oil, gas
- threaded bonnet
- integral seat
- adjustable packing nut
- non-rising stem
- solid wedge disc
- iron handwheel
- 100% factory tested

Female NPT	Brass		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
¼"	BGV25	\$19.60	---	---
⅜"	BGV38	19.60	---	---
½"	BGV50	19.60	SSGV50	\$136.75
¾"	BGV75	26.60	SSGV75	162.75
1"	BGV100	39.75	SSGV100	204.00
1¼"	BGV125	56.00	SSGV125	279.10
1½"	BGV150	71.20	SSGV150	371.50
2"	BGV200	106.00	SSGV200	458.30
2½"	BGV250	202.00	---	---
3"	BGV300	270.00	---	---
4"	BGV400	430.00	---	---



Application:

- can be used for steam service

Features:

- Class 800
- ASTM A105, ANSI B120.1
- bolted bonnet
- pressure rating: **1975 PSI**
- maximum temperature: **800°F**

Female NPT	Forged Steel	
	Part #	Price/E
½"	FSGV50	\$114.35
¾"	FSGV75	120.35
1"	FSGV100	166.55
1¼"	FSGV125	300.90
1½"	FSGV150	311.50
2"	FSGV200	395.20



Domestic Globe Valves



Features:

- Class 150
- pressure rating: **300 PSI** cold working pressure, **150 PSI** steam working pressure
- union bonnet
- ASME B1.20.1
- Grafoil® packing
- PTFE disc
- malleable iron handwheel
- 100% factory tested

Female NPT	Part #	Bronze	Price/E
½"	DGLBV50		\$172.00
¾"	DGLBV75		230.00
1"	DGLBV100		360.00
1¼"	DGLBV125		573.00
1½"	DGLBV150		696.00
2"	DGLBV200		1044.00

Globe Valves



Features:

- Class 800
- ASTM A105, ANSI B120.1
- bolted bonnet
- pressure rating: **1975 PSI**
- maximum temperature: **800°F**
- can be used for steam service

Female NPT	Part #	Forged Steel	Price/E
½"	FSGLBV50		\$158.50
¾"	FSGLBV75		172.55
1"	FSGLBV100		228.70
1¼"	FSGLBV125		413.25
1½"	FSGLBV150		423.25
2"	FSGLBV200		523.55

Dual Y Valves



Vented

Female NPT Inlet (1)	Female NPT Outlets (2)	Part #	Price/E
1"	¾"	BBV100DWV	\$167.00
1¼"	¾"	BBV125DWV	167.00

Non-Vented

Female NPT Inlet (1)	Female NPT Outlets (2)	Part #	Price/E
1"	¾"	BBV100DW	\$167.00
1¼"	¾"	BBV125DW	167.00

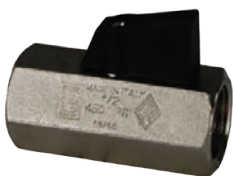
Application:

- dual action valve, ideal for compressor applications

Features:

- non-vented pressure rating: **600 PSI** WOG
- vented pressure rating: **125 PSI** Cold Working Pressure

Mini Ball Valves



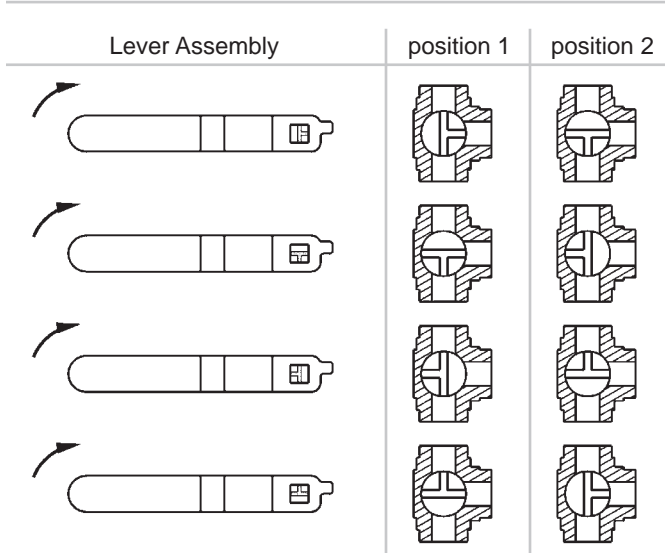
Features:

- pressure rating: **450 PSI**
- nickel plated brass body
- PTFE seats and FKM stem seal
- blow-out proof stem
- maximum temperature **330°F**
- Canadian Standard Association approved

female NPT x female NPT

Size	Port	Part #	Price/E
⅛"	standard	MBV12	\$13.40
¼"	standard	MBV25	13.40
⅜"	standard	MBV38	12.45
½"	standard	MBV50	18.30

3-Way Diverting Ball Valves T Flow Pattern



Note: ¼ turn handle can be adjusted to any orientation. Notches on the valve stem reflect the three openings on the ball.



Features:

- pressure rating: **400 PSI** WOG; **100 PSI** saturated steam
- chrome plated brass ball
- PTFE seats, seals, and thrust washer
- brass body
- adjustable stem packing
- blow-out proof stem
- maximum temperature: **366°F**

female NPT x female NPT x female NPT

Size	Port	Brass	
		Part #	Price/E
½"	standard	BBV50DTW	\$108.50
¾"	standard	BBV75DTW	119.80
1"	standard	BBV100DTW	183.65
1¼"	standard	BBV125DTW	269.10
1½"	standard	BBV150DTW	409.35
2"	standard	BBV200DTW	668.55

L Flow Pattern

Features:

- can be used with gasoline and diesel fuel
- pressure rating: **400 PSI** WOG
- bronze body
- blow-out proof stem
- chromium-plated ball
- RPTFE seats and stuffing box ring
- stainless steel handle and nut with vinyl sleeve
- adjustable packing gland

female NPT x female NPT x female NPT

Size	Port	Bronze	
		Part #	Price/E
½"	full	BBV50TW ¹	\$72.90
¾"	standard	BBV75TW	100.75
1"	standard	BBV100TW	133.50

¹ carbon steel handle and nut with vinyl sleeve

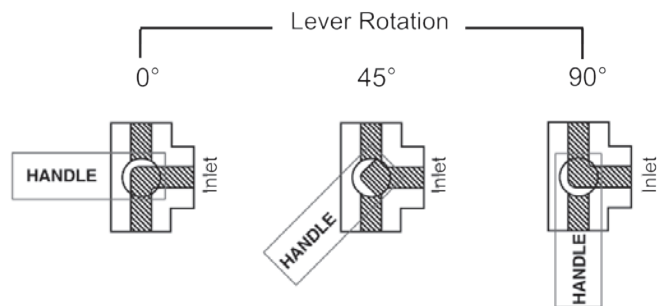


Features:

- rated to **800 PSI** WOG
- stainless steel body and ball
- blow-out proof stem
- RPTFE seats and stuffing box ring
- stainless steel handle and nut with vinyl sleeve
- adjustable packing gland
- meets NACE MR-01-75

female NPT x female NPT x female NPT

Size	Port	Stainless Steel	
		Part #	Price/E
½"	full	SSBV50TW	\$302.00
¾"	standard	SSBV75TW	400.00
1"	standard	SSBV100TW	503.00



Drum Plug Wrenches



DPW



ADPW

Features:

- sparkproof, natural finish is safe around flammables
- offset handle design reduces user stress and minimizes knuckle injury

Bronze		Aluminum	
Part #	Price/E	Part #	Price/E
DPW	\$106.50	ADPW	\$42.50

Drum Faucets

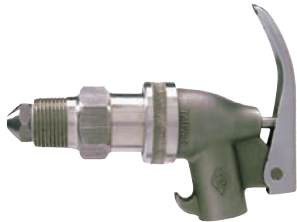
Polyethylene Drum Faucets


Features:

- Faucets are *not* to be used in applications where temperatures exceed **140°F (60°C)**.
- no wrench needed for screwing into drum opening
- 2" faucet is shipped with a gasket; the ¾" does not require a gasket

NPT Thread	Part #	Gold Polyethylene	Price/E
¾"	PEDF75		\$10.80
2"	PEDF200		56.75

Stainless Heavy Duty Adjustable Drum Faucet


Features:

- ¾" NPT connection
- adjustable shank is designed to easily adjust to proper drain position after installing in drum
- PTFE gasket
- FM approved for use with oils and non-flammables

Part #	Stainless Steel	Price/E
HDSSF75		\$565.00

Brass Heavy Duty Adjustable Drum Faucet


Features:

- ¾" NPT connection
- easy to use, self-closing design
- FM approved for use with oils and non-corrosive flammables

Part #	Brass	Price/E
AHDBF75		\$229.25

Brass Heavy Duty Drum Faucet with Rigid Shank


Features:

- ¾" NPT connection
- easy to use, self-closing design
- PTFE gasket
- FM approved for use with oils and non-corrosive flammables

Part #	Brass	Price/E
HDBF75		\$183.50

Compression Bibb Faucets


Application:

- *for water use only*

Features:

- rough brass finish
- nozzle end is GHT

Male NPT Inlet	Part #	Brass	Price/E
½"	35-201-10		\$32.50
¾"	35-202-10		32.50

Drum Thread Adapter

Application:

- for use in gravity discharge from drums

Features:

- male NPSH thread with gasket on the drum side allows for a connection to drums with female NPSH thread
- male NPT end allows for a connection with the female NPT found on most ball valves



Size	Part #	Cast Brass	Price/E
2" x 2"	DMH20DR20		\$68.00

Drum Gate Valves

Application:

- ideal for drawing non-flammable liquids from drums and tanks

Features:

- iron body
- manually operated
- machined and lapped brass faceplate designed for oval discharge, ensures no splashing and a smooth operation
- black Japanned finish
- can be padlocked



Male NPT	Part #	Iron	Price/E
3/4"	D71		\$87.00
2"	D75		117.00

Features:

- lightweight, durable aluminum body provides improved corrosion resistance for certain fluids
- sturdy 2" handle is stamped metal with black enamel finish
- can be padlocked



Male NPT	Part #	Aluminum	Price/E
2"	D75AL		\$169.00

Self-Closing Gate Valves

Application:

- ideal for dispensing viscous liquids such as oil, grease, paint, varnish and syrups from drums and tanks

Features:

- gray iron body, brass sliding gate and machine lapped sealing surface
- gate closes automatically when handle is released, cleaning discharge surface
- can be padlocked



Male NPT	Part #	Iron	Price/E
3/4"	D71SC		\$137.00
2"	D75SC		340.00

Q

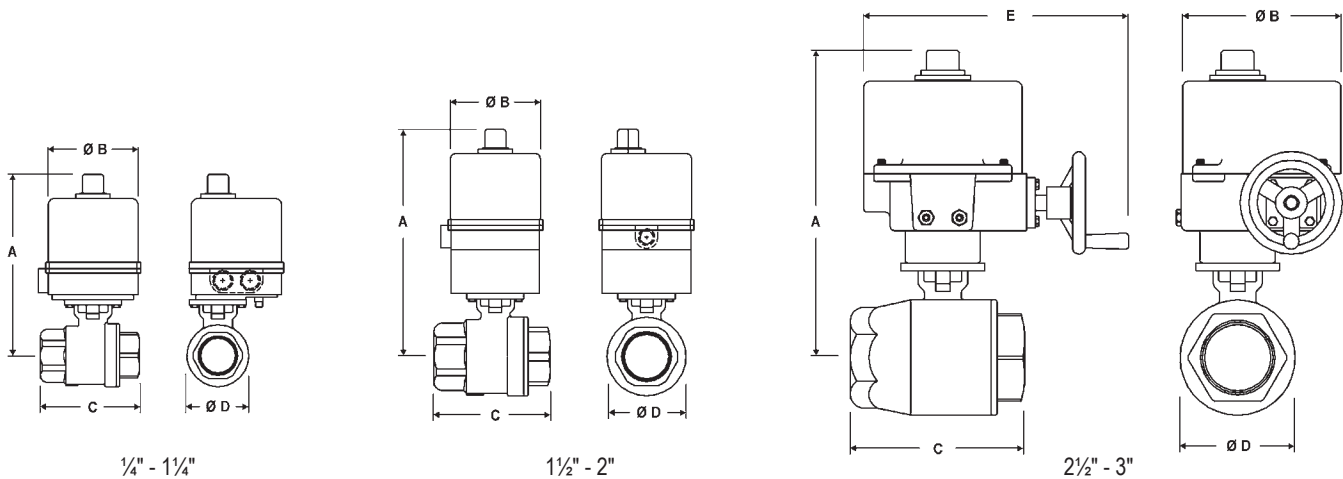
Electrically Actuated 2-Piece Stainless Ball Valves

**Features:****2-Piece Stainless Ball Valve**

- RTFE seats and seals
- blow-out proof stem
- live-loaded stem packing
- ISO 5211 mounting pad
- pressure rating: ¼" - 2" **1000 PSI WOG**, ½" - 3" **800 PSI WOG**
- temperature range: **-40°F to 450°F**

Electric Actuator

- lightweight powder coated aluminum alloy housing
- NEMA 4/4X waterproof and dustproof
- extended duty cycle induction motor
- high alloy steel gear train
- H-insulation class
- visual position indication
- space heater is standard
- manual override standard: ½" - 1½"
- temperature range: **-41°F to 140°F**
- ISO 9001, CS, CE and CSA-C US Certified
- RoHS compliant



¼" - 1¼"

1½" - 2"

2½" - 3"

*Dimensions are approximate.**Engineering dimensions are available upon request. Specifications are subject to change without notice.*

Size	Dimensions					Override	316 Stainless Steel Part #	Voltage				
	A	B	C	D	E			110VAC -EA	24VDC -EG	12VDC -ET	220VAC -EK	24VAC -ES
¼"	7.79	4.50	2.56	1.40	NA	standard	BV2HG-02511	\$879.70	\$879.70	\$879.70	\$879.70	\$879.70
⅜"	7.79	4.50	2.56	1.40	NA	standard	BV2HG-03811	897.70	897.70	897.70	897.70	897.70
½"	7.74	4.50	2.95	1.40	NA	standard	BV2HG-05011	903.60	903.60	903.60	903.60	903.60
¾"	7.84	4.50	3.15	1.75	NA	standard	BV2HG-07511	904.15	904.15	904.15	904.15	904.15
1"	8.09	4.50	3.54	1.75	NA	standard	BV2HG-10011	954.20	954.20	954.20	954.20	954.20
1¼"	8.29	4.50	4.33	2.58	NA	standard	BV2HG-12511	998.85	998.85	998.85	998.85	998.85
1½"	8.69	4.50	4.72	2.97	NA	N/A	BV2HG-15011	1083.35	1083.35	1083.35	1083.35	1083.35
2"	11.13	4.50	5.51	2.73	NA	N/A	BV2HG-20011	1548.35	1548.35	1548.35	1548.35	1548.35
2½"	13.72	7.08	7.28	4.68	12.83	handwheel	BV2HG-25011-EP¹	2675.35	---	---	---	---
2½"	10.69	6.06	7.28	4.68	NA	N/A	BV2HG-25011	2675.35	2675.35	2675.35	2675.35	2675.35
3"	13.72	7.08	8.07	5.44	12.83	handwheel	BV2HG-30011	4384.25	4384.25	4384.25	4384.25	4384.25

¹ for 110VAC 2½" with manual override use -EP

A wide variety of options are available: modulating, extra switches, transmitters, potentiometer, etc.
Contact Dixon™ at 800.789.1718 or visit dixonvalve.com for details.

**Caution !**

Even though there are torque safety factors built into our automated ball valve packages, actual service conditions must also be considered when selecting the proper product for the appropriate application.
For example: Severe service conditions such as dirty water, dirty air, all slurries, raw sewage water, oils, and other viscous fluids can have a dramatic affect in raising the torque requirements of ball valves as much as 75% and therefore larger actuators may be required. Please consult Dixon™ when dealing with these types of applications.

Pneumatically Actuated 2-Piece Stainless Ball Valves

Features:

2-Piece Stainless Ball Valve

- RTFE seats and seals
- blow-out proof stem
- live-loaded stem packing
- ISO 5211 mounting pad
- pressure rating: ¼" - 2" **1000 PSI WOG**, 2½" - 3" **800 PSI WOG**
- temperature range: ¼" to 2": **-40°F to 350°F**,
2½" to 3": **-40°F to 325°F**

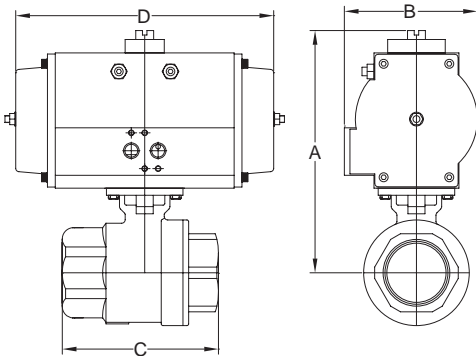
Rack and Pinion Actuator

- hard anodized aluminum body
- nickel plated anti-blowout pinion
- Buna-N O-rings
- NAMUR mounting
- bi-directional stops for $\pm 5^\circ$ travel adjustment
- **80 PSI** plant air required
- visual position indication
- maximum operating pressure: **120 PSI**
- temperature range: **-40°F to 200°F**
- tested to one million cycles



Spring Return (normally closed)

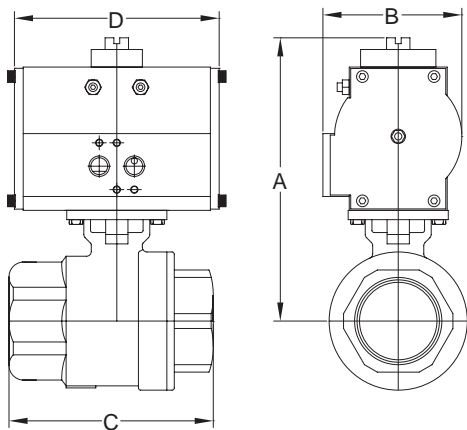
Dimensions are approximate. Engineering dimensions are available upon request. Specifications are subject to change without notice.



Size	Dimensions				316 Stainless Steel	
	A	B	C	D	Part #	Price/E
¼"	5.21	2.80	2.56	5.49	BV2HG-02511-BBC	\$519.80
⅜"	5.21	2.80	2.56	5.49	BV2HG-03811-BBC	524.90
½"	5.16	2.80	2.95	5.49	BV2HG-05011-BBC	550.40
¾"	5.26	2.80	3.15	5.49	BV2HG-07511-BBC	555.25
1"	6.64	3.74	3.54	8.09	BV2HG-10011-BBC	602.20
1¼"	6.84	3.74	4.33	8.09	BV2HG-12511-BBC	646.90
1½"	8.14	4.69	4.72	9.84	BV2HG-15011-BBC	834.10
2"	8.69	4.69	5.51	9.84	BV2HG-20011-BBC	1112.85
2½"	9.54	5.53	7.28	13.98	BV2HG-25011-BBC	1519.95
3"	11.39	7.29	8.07	16.61	BV2HG-30011-BBC	3382.75

Double Acting

Dimensions are approximate. Engineering dimensions are available upon request. Specifications are subject to change without notice.



Size	Dimensions				316 Stainless Steel	
	A	B	C	D	Part #	Price/E
1/4"	4.25	1.77	2.56	4.33	BV2HG-02511-BCC	\$372.45
3/8"	4.25	1.77	2.56	4.33	BV2HG-03811-BCC	355.70
1/2"	4.20	1.77	2.95	4.33	BV2HG-05011-BCC	361.25
3/4"	4.30	1.77	3.15	4.33	BV2HG-07511-BCC	398.95
1"	5.89	3.20	3.54	5.68	BV2HG-10011-BCC	503.90
1¼"	6.09	3.20	4.33	5.68	BV2HG-12511-BCC	548.55
1½"	7.24	3.74	4.72	5.87	BV2HG-15011-BCC	689.20
2"	7.79	3.74	5.51	5.87	BV2HG-20011-BCC	1110.55
2½"	8.75	4.69	7.28	7.20	BV2HG-25011-BCC	1387.70
3"	10.01	5.53	8.07	10.22	BV2HG-30011-BCC	2900.30

A wide variety of switches, solenoids, positioners, etc., are available.
Contact Dixon™ at 800.789.1718 or visit dixonvalve.com for details.



Caution !

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For example: Severe service conditions such as dirty water, dirty air, all slurries, raw sewage water, oils, and other viscous fluids can have a dramatic affect in raising the torque requirements of ball valves as much as 75% and therefore larger actuators may be required. Please consult Dixon™ when dealing with these types of applications.



Electrically Actuated 3-Piece Stainless Steel Ball Valves



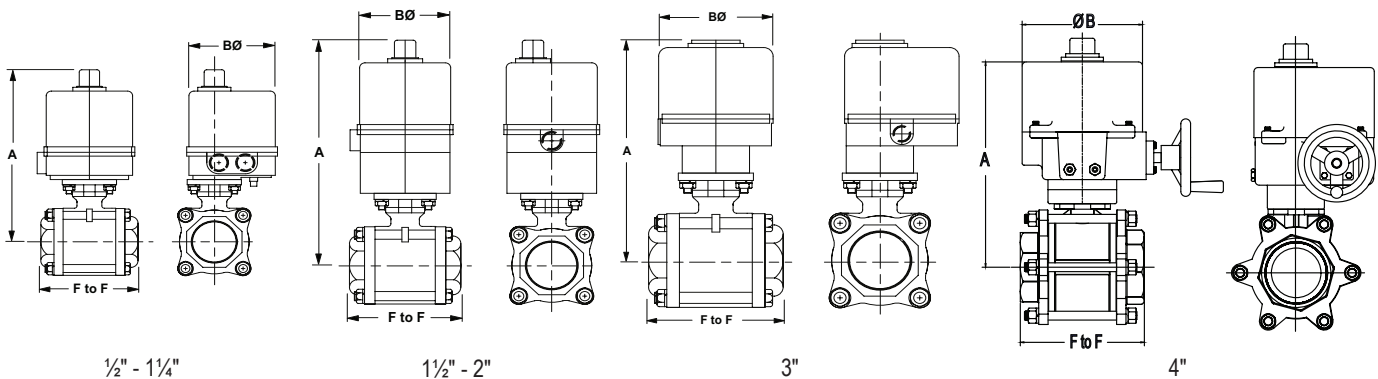
Features:

3-Piece Stainless Ball Valve

- 15% glass reinforced RTFE seats
- blow-out proof stainless steel stem
- live-loaded stem packing
- ISO 5211 mounting pad
- swing out in-line easy maintenance
- pressure rating: ½" - 2" **1000 PSI WOG**
3" **800 PSI WOG**
- temperature range: ½" to 2": **-40°F to 350°F**,
3" to 4": **-40°F to 325°F**

Electric Actuator

- lightweight powder coated aluminum alloy housing
- NEMA 4/4X waterproof and dustproof
- extended duty cycle induction motor
- high alloy steel gear train
- H-insulation class
- visual position indication
- space heater is standard
- manual override standard: ½" - 1½" sizes
- temperature range: **-41°F to 140°F**
- ISO 9001, CS, CE and CSA-C US Certified
- RoHS compliant



Dimensions are approximate.

Engineering dimensions are available upon request. Specifications are subject to change without notice.

Size	Dimensions			Override	316 Stainless Steel Part #	Voltage				
	F to F	A	B			110VAC -EA	24VDC -EG	12VDC -ET	220VAC -EK	24VAC -ES
½"	2.6	7.8	4.5	standard	BV2IG-05011	\$1063.05	\$919.45	\$919.45	\$919.45	\$1026.65
¾"	3.0	8.0	4.5	standard	BV2IG-07511	946.60	946.60	946.60	946.60	1224.65
1"	3.4	8.3	4.5	standard	BV2IG-10011	1174.50	987.65	987.65	987.65	1094.85
1¼"	4.0	8.5	4.5	standard	BV2IG-12511	1282.80	1045.45	1045.45	1045.45	1152.65
1½"	4.7	9.2	4.5	N/A	BV2IG-15011	1413.95	1124.30	1124.30	1124.30	1231.50
2"	5.2	11.4	4.5	N/A	BV2IG-20011	1544.55	1594.75	2043.65	1488.00	1488.00
3"	7.2	12.2	6.1	N/A	BV2IG-30011	2922.80	3851.50	3398.35	2880.30	3501.90
4"	8.9	16.1	7.1	N/A	BV2IG-40011	5160.00	5067.45	5144.80	5067.45	5067.45

A wide variety of options are available: modulating, extra switches, transmitters, potentiometer, etc. Contact Dixon™ at 800.789.1718 or visit Dixon™valve.com for details.

Caution !

Even though there are torque safety factors built into our automated ball valve packages, actual service conditions must also be considered when selecting the proper product for the appropriate application.

For example: Severe service conditions such as dirty water, dirty air, all slurries, raw sewage water, oils, and other viscous fluids can have a dramatic affect in raising the torque requirements of ball valves as much as 75% and therefore larger actuators may be required. Please consult Dixon™ when dealing with these types of applications.

Pneumatically Actuated 3-Piece Stainless Ball Valves

Features:

3-Piece Stainless Ball Valve

- 15% glass reinforced RTFE seats
- blow-out proof stainless steel stem
- live-loaded stem packing
- ISO 5211 mounting pad
- swing out in-line easy maintenance
- pressure rating: ½" - 2" **1000 PSI WOG**
3" **800 PSI WOG**
- temperature range: ½" to 2" **-40°F to 350°F**
3" to 4": -40°F to 325°F

Rack and Pinion Actuator

- hard anodized aluminum body
- nickel plated anti-blowout pinion
- Buna-N O-rings
- NAMUR mounting
- bi-directional stops for $\pm 5^\circ$ travel adjustment
- **80 PSI** plant air required
- visual position indication
- maximum operating pressure: **120 PSI**
- temperature range: **-40°F to 200°F**
- tested to one million cycles

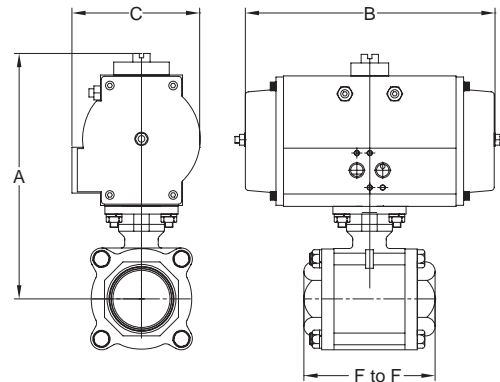


Spring Return (normally closed)

Dimensions are approximate. Engineering dimensions are available upon request. Specifications are subject to change without notice.

Size	Dimensions				316 Stainless Steel	
	F to F	A	B	C	Part #	Price/E
½"	2.6	7.0	7.7	3.2	BV2IG-05011-BBC¹	\$587.30
¾"	3.0	7.2	7.7	3.2	BV2IG-07511-BBC¹	592.60
1"	3.4	6.1	7.7	3.2	BV2IG-10011-BBC	628.50
1¼"	4.0	6.3	7.7	3.2	BV2IG-12511-BBC	686.35
1½"	4.7	7.7	8.1	3.7	BV2IG-15011-BBC	850.70
2"	5.2	8.8	8.1	3.7	BV2IG-20011-BBC	1156.75
3"	7.2	10.2	9.8	4.7	BV2IG-30011-BBC	2269.60
4"	8.9	12.4	10.9	5.5	BV2IG-40011-BBC	4259.25

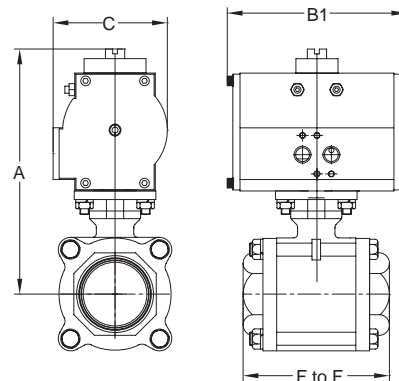
¹ bracket and coupler required for ½" and ¾" spring return actuator



Double Acting

Dimensions are approximate. Engineering dimensions are available upon request. Specifications are subject to change without notice.

Size	Dimensions				316 Stainless Steel	
	F to F	A	B1	C	Part #	Price/E
½"	2.6	5.0	4.7	2.4	BV2IG-05011-BCC	\$373.85
¾"	3.0	5.2	4.7	2.4	BV2IG-07511-BCC	401.00
1"	3.4	6.1	5.7	3.2	BV2IG-10011-BCC	529.65
1¼"	4.0	6.3	5.7	3.2	BV2IG-12511-BCC	587.45
1½"	4.7	7.7	5.9	3.7	BV2IG-15011-BCC	727.85
2"	5.2	8.0	5.9	3.7	BV2IG-20011-BCC	863.75
3"	7.2	10.2	7.2	4.7	BV2IG-30011-BCC	1838.85
4"	8.9	13.8	16.3	7.2	BV2IG-40011-BCC	3069.80



A wide variety of switches, solenoids, positioners, etc., are available.
Contact Dixon™ at 800.789.1718 or visit Dixon™valve.com for details.



Caution !

Even though there are torque safety factors built into our automated ball valve packages, actual service conditions must also be considered when selecting the proper product for the appropriate application.

For example: Severe service conditions such as dirty water, dirty air, all slurries, raw sewage water, oils, and other viscous fluids can have a dramatic affect in raising the torque requirements of ball valves as much as 75% and therefore larger actuators may be required. Please consult Dixon™ when dealing with these types of applications.



Electrically Actuated Brass Ball Valves



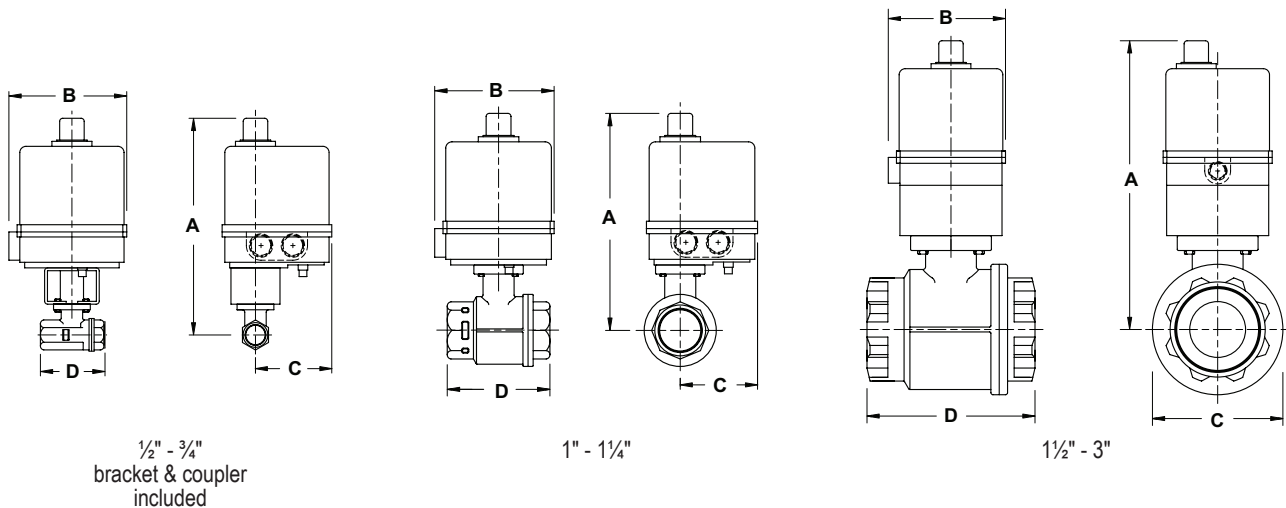
Features:

2-Piece Brass Ball Valve

- brass, body and ball
- FKM elastomers
- blow-out proof brass stem
- PTFE seats with double O-ring stem packing
- ISO 5211 mounting pad
- pressure rating: - **600 PSI WOG**
- **150 PSI WSP**
- maximum temperature: **300°F**

Electric Actuator

- lightweight powder coated aluminum alloy housing
- NEMA 4/4X waterproof and dustproof
- extended duty cycle induction motor
- high alloy steel gear train
- H-insulation class
- visual position indication
- space heater is standard
- manual override standard: ½" - 1½" sizes
- temperature range: **-41°F to 140°F**
- ISO 9001, CS, CE and CSA-C US Certified
- RoHS compliant



½" - ¾"
bracket & coupler
included

1" - 1¼"

1½" - 3"

Dimensions are approximate.

Engineering dimensions are available upon request. Specifications are subject to change without notice.

Size	Dimensions				Override	Brass Part #	Voltage				
	A	B	C	D			110VAC -EA	24VDC -EG	12VDC -ET	220VAC -EK	24VAC -ES
½"	8.8	4.5	3.1	2.6	standard	BV2BV-05011	\$865.80	\$865.80	\$865.80	\$865.80	\$973.05
¾"	9.2	4.5	3.1	3.0	standard	BV2BV-07511	877.40	877.35	877.35	877.35	984.60
1"	9.4	4.5	3.1	3.4	standard	BV2BV-10011	902.10	925.00	925.00	902.10	1206.85
1¼"	9.5	4.5	3.1	3.7	standard	BV2BV-12511	976.15	976.20	976.20	976.20	1083.40
1½"	8.7	4.5	3.1	4.1	N/A	BV2BV-15011	1322.85	1347.15	1022.40	1758.30	1452.40
2"	9.0	4.5	3.1	4.8	N/A	BV2BV-20011	1379.10	1452.70	1452.70	1860.10	1531.25
3"	11.8	6.1	5.4	6.9	N/A	BV2BV-30011	2508.35	3255.80	3556.70	2463.80	2771.75

A wide variety of options are available: modulating, extra switches, transmitters, potentiometer, etc.
Contact Dixon™ at 800.789.1718 or visit dixonvalve.com for details.



Caution !

Even though there are torque safety factors built into our automated ball valve packages, actual service conditions must also be considered when selecting the proper product for the appropriate application.

For example: Severe service conditions such as dirty water, dirty air, all slurries, raw sewage water, oils, and other viscous fluids can have a dramatic affect in raising the torque requirements of ball valves as much as 75% and therefore larger actuators may be required. Please consult Dixon™ when dealing with these types of applications.



Pneumatically Actuated Brass Ball Valves

Features:

2-Piece Brass Ball Valve

- brass, body and ball
- FKM elastomers
- blow-out proof brass stem
- PTFE seats with double O-ring stem packing
- ISO 5211 mounting pad
- pressure rating: - **600 PSI** WOG
- **150 PSI** WSP
- maximum temperature: **300°F**

Rack and Pinion Actuator

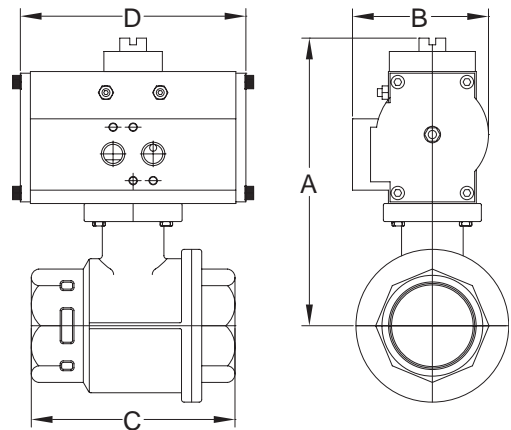
- hard anodized aluminum body
- nickel plated anti-blowout pinion
- Buna-N O-rings
- NAMUR mounting
- bi-directional stops for $\pm 5^\circ$ travel adjustment
- **80 PSI** plant air required
- visual position indication
- maximum operating pressure: **120 PSI**
- temperature range: **-40°F** to **200°F**
- tested to one million cycles



Spring Return (normally closed)

All dimensions are given in inches, unless noted. Dimensions are approximate. Engineering dimensions are available upon request. Specifications are subject to change without notice.

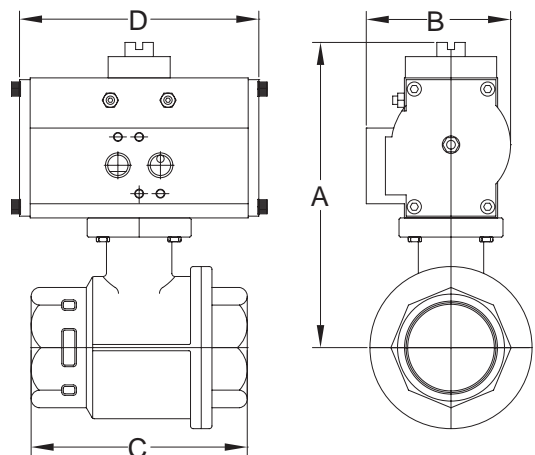
Size	Dimensions				Brass	
	A	B	C	D	Part #	Price/E
1/4"	4.80	2.80	2.64	5.49	BV2BV-02511-BBC	\$524.15
3/8"	4.80	2.80	2.64	5.49	BV2BV-03811-BBC	510.70
1/2"	4.80	2.80	2.64	5.49	BV2BV-05011-BBC	533.65
3/4"	4.88	2.80	3.00	5.49	BV2BV-07511-BBC	518.25
1"	5.31	2.80	3.35	5.49	BV2BV-10011-BBC	543.00
1 1/4"	5.45	2.80	3.66	5.49	BV2BV-12511-BBC	695.30
1 1/2"	6.04	2.80	4.13	5.49	BV2BV-15011-BBC	741.50
2"	6.40	2.80	4.80	5.49	BV2BV-20011-BBC	991.30
2 1/2"	8.13	3.74	6.10	8.09	BV2BV-25011-BBC	1293.00
3"	8.50	3.74	6.89	8.09	BV2BV-30011-BBC	1855.20
4"	10.14	4.69	8.03	9.84	BV2BV-40011-BBC	2250.30



Double Acting

Dimensions are approximate. Engineering dimensions are available upon request. Specifications are subject to change without notice.

Size	Dimensions				Brass	
	A	B	C	D	Part #	Price/E
1/4"	3.84	1.77	2.64	4.33	BV2BV-02511-BCC	\$375.80
3/8"	3.84	1.77	2.64	4.33	BV2BV-03811-BCC	362.35
1/2"	3.84	1.77	2.64	4.33	BV2BV-05011-BCC	320.20
3/4"	3.92	1.77	3.00	4.33	BV2BV-07511-BCC	419.35
1"	4.35	1.77	3.35	4.33	BV2BV-10011-BCC	444.10
1 1/4"	4.49	1.77	3.66	4.33	BV2BV-12511-BCC	572.50
1 1/2"	6.42	3.20	4.13	5.68	BV2BV-15011-BCC	618.70
2"	6.78	3.20	4.80	5.68	BV2BV-20011-BCC	698.30
2 1/2"	8.13	3.74	6.10	5.87	BV2BV-25011-BCC	1150.10
3"	8.50	3.74	6.89	5.87	BV2BV-30011-BCC	1424.45
4"	10.14	4.69	8.03	7.20	BV2BV-40011-BCC	1819.55



A wide variety of switches, solenoids, positioners, etc., are available. Contact Dixon™ at 800.789.1718 or visit dixonvalve.com for details.



Caution !

Even though there are torque safety factors built into our automated ball valve packages, actual service conditions must also be considered when selecting the proper product for the appropriate application.

For example: Severe service conditions such as dirty water, dirty air, all slurries, raw sewage water, oils, and other viscous fluids can have a dramatic affect in raising the torque requirements of ball valves as much as 75% and therefore larger actuators may be required. Please consult Dixon™ when dealing with these types of applications.



Electrically Actuated 3-Way Stainless Ball Valves - 'T / L' Port

Features:

3-Way Stainless Ball Valve

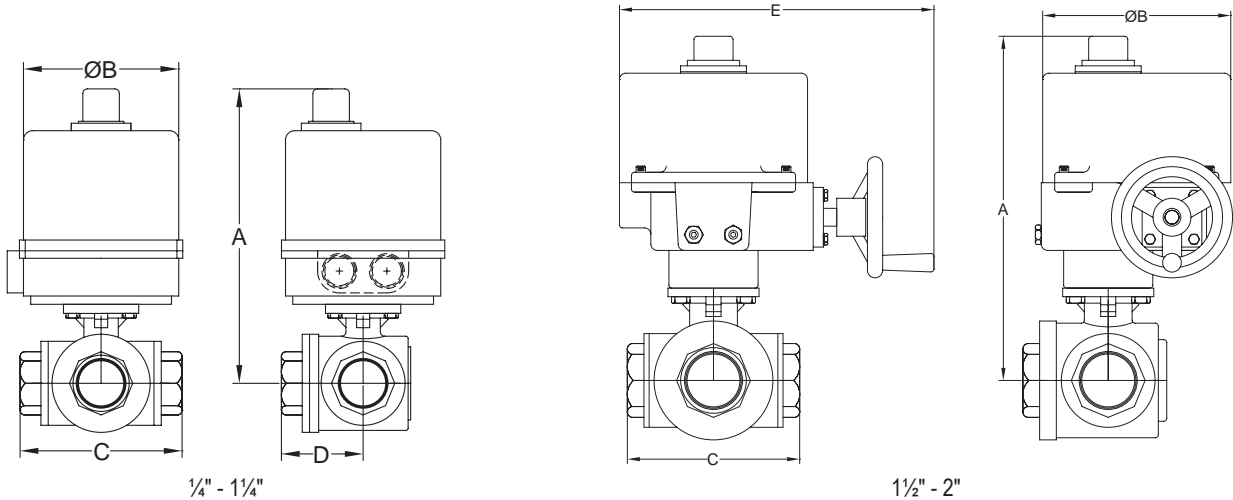
- full port
- female NPT ends
- blow-out proof stem
- live-loaded stem packing
- ISO 5211 mounting pad
- 100% air tested under water at **80 PSI**
- working pressure: ¼" to 1": **1000 PSI**;
1¼" to 2": **800 PSI**
- maximum temperature: **300°F**

Electric Actuator

- lightweight powder coated aluminum alloy housing
- NEMA 4/4X waterproof and dustproof
- extended duty cycle induction motor
- high alloy steel gear train
- H-insulation class
- visual position indication
- space heater is standard
- manual override standard: ½" - 1½" sizes
- temperature range: **-41°F to 140°F**
- ISO 9001, CS, CE and CSA-C US Certified
- RoHS compliant



- see page 706 for flow path options
- A flow path needs to be selected at time of order. If no flow path is selected, the option number labeled as default will be shipped.
- Customer verification is critical. If flow path needs to be changed after being shipped, labor and shipping charges will apply.
- for spring return actuators must note fail position



Dimensions are approximate. Engineering dimensions are available upon request.
Specifications are subject to change without notice.

* T = t style
* L = l style

Size	Dimensions					Override	316 Stainless Steel Part #	Voltage				
	A	B	C	D	E			110VAC -EA	24VDC -EG	12VDC -ET	220VAC -EK	24VAC -ES
¼"	9.01	6.06	2.83	1.41	N/A	standard	BV3IG*F-0251	\$1184.10	\$1184.10	\$1184.10	\$1184.10	\$1291.30
⅜"	9.01	6.06	2.83	1.41	N/A	standard	BV3IG*F-0381	1184.10	1184.10	1184.10	1184.10	1291.30
½"	9.21	6.06	3.26	1.63	N/A	standard	BV3IG*F-0501	1184.10	1184.10	1184.10	1184.10	1291.30
¾"	9.21	6.06	3.89	1.94	N/A	standard	BV3IG*F-0751	1313.05	1313.05	1313.05	1313.05	1420.25
1"	9.74	6.06	4.40	2.20	N/A	standard	BV3IG*F-1001	1456.30	1456.30	1456.30	1456.30	1563.50
1¼"	10.04	6.06	4.92	2.46	N/A	standard	BV3IG*F-1251	1715.40	1715.40	1715.40	1715.40	1822.60
1½"	12.92	7.87	5.86	2.93	12.99	handwheel	BV3IG*F-1501	2817.10	2817.10	2817.10	2817.10	3080.60
2"	13.67	7.87	6.85	3.42	12.99	handwheel	BV3IG*F-2001	3664.70	3664.70	3664.70	3664.70	4392.20

A wide variety of options are available: modulating, extra switches, transmitters, potentiometer, etc.
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Pneumatically Actuated 3-Way Stainless Ball Valves - 'T / L' Port

- see page 706 for flow path options
- A flow path needs to be selected at time of order. If no flow path is selected, the option number labeled as default will be shipped.
- Customer verification is critical. If flow path needs to be changed after being shipped, labor and shipping charges will apply.
- for spring return actuators must note fail position



Features:

3-Way Stainless Ball Valve

- full port
- female NPT ends
- blow-out proof stem
- live-loaded stem packing
- ISO 5211 mounting pad
- 100% air tested under water at **80 PSI**
- working pressure: ¼" to 1": **1000 PSI**; 1¼" to 2": **800 PSI**
- maximum temperature: **300°F**

Rack and Pinion Actuator

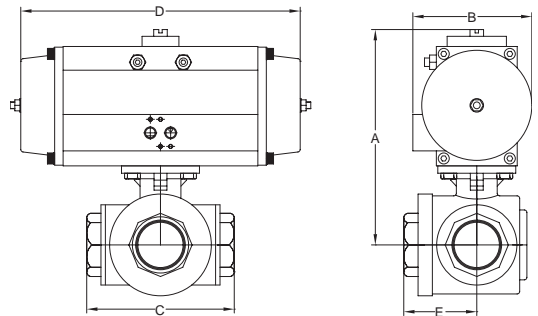
- hard anodized aluminum body
- nickel plated anti-blowout pinion
- Buna-N O-rings
- NAMUR mounting
- bi-directional stops for ±5° travel adjustment
- **80 PSI** plant air required
- visual position indication
- maximum operating pressure: **120 PSI**
- temperature range: **-40°F to 200°F**
- tested to one million cycles

Spring Return (normally closed)

All dimensions are given in inches, unless noted. Dimensions are approximate. Engineering dimensions are available upon request. Specifications are subject to change without notice.

- * T = t-style
- * L = l-style

Size	Dimensions					316 Stainless Steel	
	A	B	C	D	E	Part #	Price/E
¼"	5.35	3.20	2.83	7.10	1.41	BV3IG*F-0251BBC	\$852.00
⅜"	5.35	3.20	2.83	7.10	1.41	BV3IG*F-0381BBC	852.00
½"	5.55	3.20	3.26	7.10	1.63	BV3IG*F-0501BBC	852.00
¾"	6.30	3.74	3.89	7.45	1.94	BV3IG*F-0751BBC	1039.40
1"	6.83	3.74	4.40	7.45	2.20	BV3IG*F-1001BBC	1182.65
1¼"	7.13	3.74	4.92	7.45	2.46	BV3IG*F-1251BBC	1612.00
1½"	8.43	4.69	5.86	9.10	2.93	BV3IG*F-1501BBC	1918.55
2"	9.97	5.53	6.85	12.99	3.42	BV3IG*F-2001BBC	3011.55

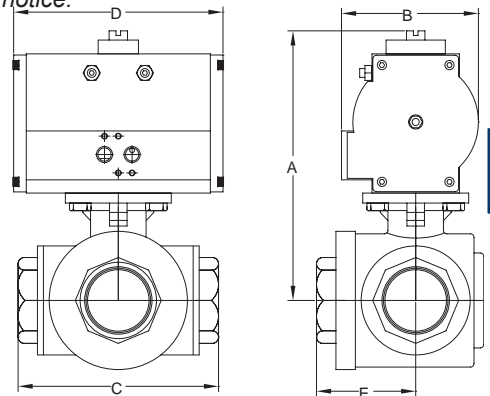


Double Acting

Dimensions are approximate. Engineering dimensions are available upon request. Specifications are subject to change without notice.

- * T = t-style
- * L = l-style

Size	Dimensions					316 Stainless Steel	
	A	B	C	D	E	Part #	Price/E
⅜"	5.35	3.20	2.83	7.10	1.41	BV3IG*F-0381BCC	\$753.10
½"	5.55	3.20	3.26	7.10	1.63	BV3IG*F-0501BCC	753.10
¾"	6.30	3.74	3.89	7.45	1.94	BV3IG*F-0751BCC	855.00
1"	6.83	3.74	4.40	7.45	2.20	BV3IG*F-1001BCC	1059.85
1¼"	7.13	3.74	4.92	7.45	2.46	BV3IG*F-1251BCC	1479.00
1½"	8.43	4.69	5.86	9.10	2.93	BV3IG*F-1501BCC	1785.60
2"	9.97	5.53	6.85	12.99	3.42	BV3IG*F-2001BCC	2580.75



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Caution !

Even though there are torque safety factors built into our automated ball valve packages, actual service conditions must also be considered when selecting the proper product for the appropriate application.

For example: Severe service conditions such as dirty water, dirty air, all slurries, raw sewage water, oils, and other viscous fluids can have a dramatic affect in raising the torque requirements of ball valves as much as 75% and therefore larger actuators may be required. Please consult Dixon™ when dealing with these types of applications.



Electrically Actuated 3-Way Brass Ball Valves - 'T / L' Port

Features:

3-Way Brass Ball Valve

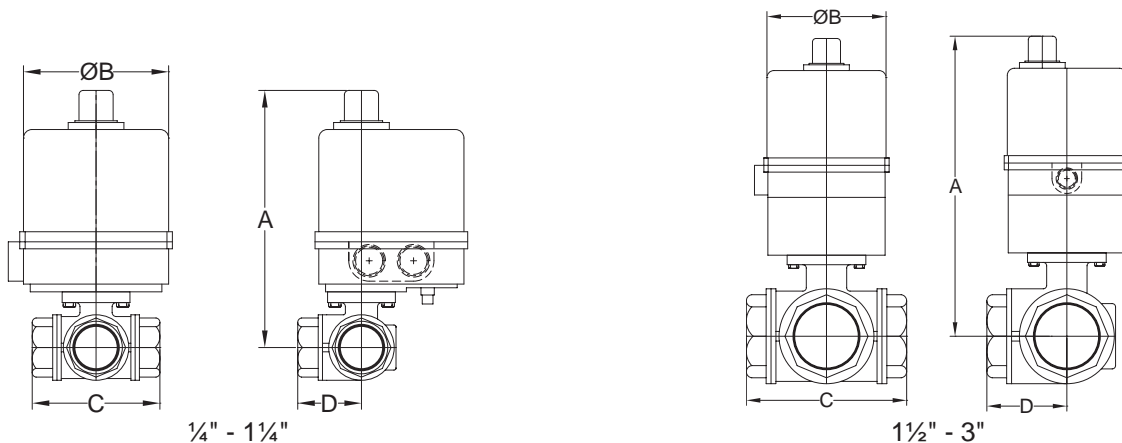
- reduced port
- blow-out proof stem
- brass body and chrome-plated brass ball
- PTFE seats with O-ring backing for low operating torque
- PTFE seats and double O-ring stem packing
- ISO 5211 mounting pad
- 100% tested
- pressure rating: **400 PSI WOG, 100 PSI WSP**
- maximum temperature: **300°F**

Electric Actuator

- lightweight powder coated aluminum alloy housing
- NEMA 4/4X waterproof and dustproof
- extended duty cycle induction motor
- high alloy steel gear train
- H-insulation class
- visual position indication
- space heater is standard
- manual override standard: 1/2" - 1 1/2" sizes
- temperature range: **-41°F to 140°F**
- ISO 9001, CS, CE and CSA-C US Certified
- RoHS compliant



- see page 706 for flow path options
- A flow path needs to be selected at time of order. If no flow path is selected, the option number labeled as default will be shipped.
- Customer verification is critical. If flow path needs to be changed after being shipped, labor and shipping charges will apply.
- for spring return actuators must note fail position



Dimensions are approximate. Engineering dimensions are available upon request.
Specifications are subject to change without notice.

* T = t-style
* L = l-style

Size	Dimensions				Override	Brass Part #	Voltage				
	A	B	C	D			110VAC -EA	24VDC -EG	12VDC -ET	220VAC -EK	24VAC -ES
1/4"	8.76	6.06	2.64	1.32	standard	BV3BV*R-0251	\$955.60	\$955.60	\$955.60	\$955.60	\$955.60
3/8"	8.76	6.06	2.64	1.32	standard	BV3BV*R-0381	955.60	955.60	955.60	955.60	955.60
1/2"	8.76	6.06	2.87	1.44	standard	BV3BV*R-0501	955.60	955.60	955.60	955.60	955.60
3/4"	8.85	6.06	3.19	1.60	standard	BV3BV*R-0751	979.15	979.15	979.15	979.15	979.15
1"	9.19	6.06	3.74	1.87	standard	BV3BV*R-1001	1012.70	1012.70	1012.70	1012.70	1012.70
1 1/4"	9.41	6.06	4.39	2.20	standard	BV3BV*R-1251	1117.25	1117.25	1117.25	1117.25	1117.25
1 1/2"	9.90	6.06	4.86	2.43	N/A	BV3BV*R-1501	1381.05	1381.05	1381.05	1381.05	1381.05
2"	10.89	4.25	5.73	2.87	N/A	BV3BV*R-2001	1988.95	1988.95	1988.95	1988.95	1988.95
2 1/2"	11.34	4.25	6.93	3.47	N/A	BV3BV*R-2501	2911.35	2911.35	2911.35	2911.35	2911.35
3"	11.34	4.25	7.08	3.54	N/A	BV3BV*R-3001	2780.25	2780.25	2780.25	2780.25	2780.25

A wide variety of options are available: modulating, extra switches, transmitters, potentiometer, etc.
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Pneumatically Actuated 3-Way Brass Ball Valves - 'T / L' Port

- see page 706 for flow path options
- A flow path needs to be selected at time of order. If no flow path is selected, the option number labeled as default will be shipped.
- Customer verification is critical. If flow path needs to be changed after being shipped, labor and shipping charges will apply.
- for spring return actuators must note fail position



Features:

3-Way Brass Ball Valve

- reduced port
- blow-out proof stem
- brass body and chrome-plated brass ball
- PTFE seats with O-ring backing for low operating torque
- PTFE seats and double O-ring stem packing
- ISO 5211 mounting pad
- 100% tested
- pressure rating: **400 PSI WOG 100 PSI WSP**
- maximum temperature: **300°F**

Rack and Pinion Actuator

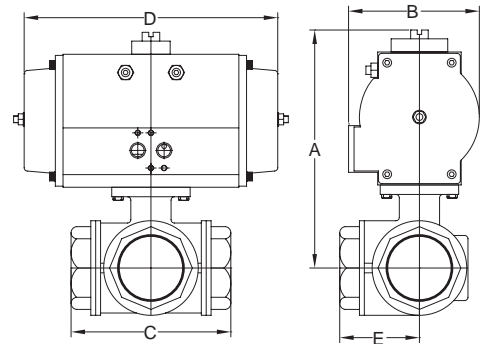
- hard anodized aluminum body
- nickel plated anti-blowout pinion
- Buna-N O-rings
- NAMUR mounting
- bi-directional stops for $\pm 5^\circ$ travel adjustment
- 80 PSI plant air required
- visual position indication
- maximum operating pressure: **120 PSI**
- temperature range: **-40°F to 200°F**
- tested to one million cycles

Spring Return (normally closed)

All dimensions are given in inches, unless noted. Dimensions are approximate. Engineering dimensions are available upon request. Specifications are subject to change without notice.

* T = t-style
* L = l-style

Size	Dimensions					Brass	
	A	B	C	D	E	Part #	Price/E
1/4"	4.72	2.80	2.64	5.49	1.32	BV3BV*R-0251BBC	\$626.30
3/8"	4.72	2.80	2.64	5.49	1.32	BV3BV*R-0381BBC	626.30
1/2"	4.72	2.80	2.87	5.49	1.44	BV3BV*R-0501BBC	626.30
3/4"	4.81	2.80	3.19	5.49	1.60	BV3BV*R-0751BBC	663.15
1"	6.28	3.74	3.74	7.45	1.87	BV3BV*R-1001BBC	774.35
1 1/4"	6.50	3.74	4.39	7.45	2.20	BV3BV*R-1251BBC	900.85
1 1/2"	6.99	3.74	4.86	7.45	2.43	BV3BV*R-1501BBC	1189.35
2"	8.45	4.69	5.73	9.10	2.87	BV3BV*R-2001BBC	1669.00
2 1/2"	8.90	4.69	6.93	9.10	3.47	BV3BV*R-2501BBC	2574.20
3"	8.90	4.69	7.08	9.10	3.54	BV3BV*R-3001BBC	2511.55

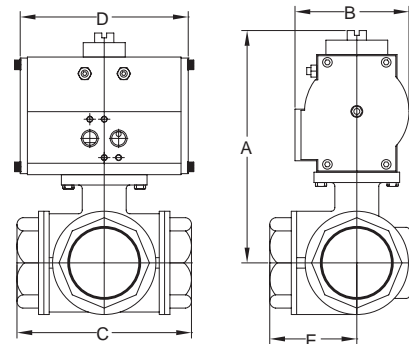


Double Acting

Dimensions are approximate. Engineering dimensions are available upon request. Specifications are subject to change without notice.

* T = t-style
* L = l-style

Size	Dimensions					Brass	
	A	B	C	D	E	Part #	Price/E
1/4"	3.76	1.77	2.64	4.33	1.32	BV3BV*R-0251BCC	\$479.20
3/8"	3.76	1.77	2.64	4.33	1.32	BV3BV*R-0381BCC	479.20
1/2"	3.76	1.77	2.87	4.33	1.44	BV3BV*R-0501BCC	489.00
3/4"	3.85	1.77	3.19	4.33	1.60	BV3BV*R-0751BCC	528.50
1"	5.53	3.20	3.74	5.32	1.87	BV3BV*R-1001BCC	637.05
1 1/4"	5.75	3.20	4.39	5.32	2.20	BV3BV*R-1251BCC	768.85
1 1/2"	6.24	3.20	4.86	5.32	2.43	BV3BV*R-1501BCC	1016.15
2"	7.55	3.74	5.73	5.51	2.87	BV3BV*R-2001BCC	1434.15
2 1/2"	8.00	3.74	6.93	5.51	3.47	BV3BV*R-2501BCC	2295.90
3"	8.00	3.74	7.08	5.51	3.54	BV3BV*R-3001BCC	2241.95



A wide variety of switches, solenoids, positioners, etc., are available. Contact Dixon™ at 800.789.1718 or visit dixonvalve.com for details.



Caution !

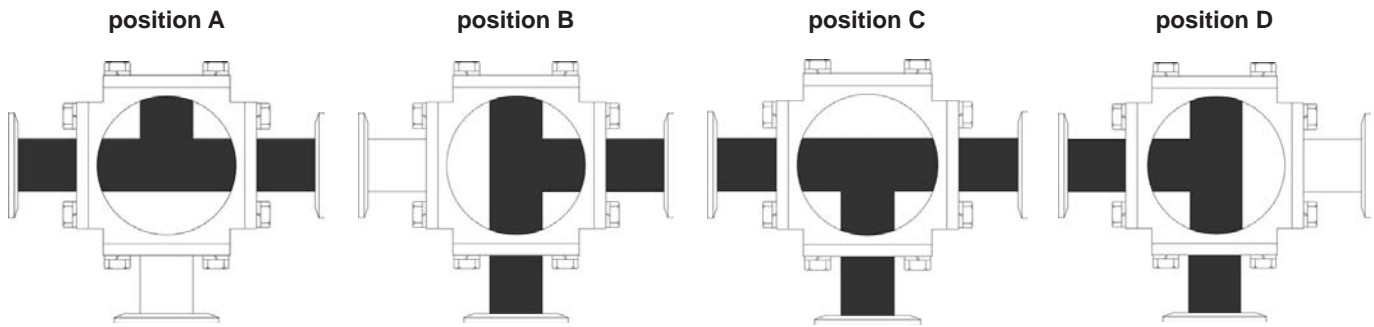
Even though there are torque safety factors built into our automated ball valve packages, actual service conditions must also be considered when selecting the proper product for the appropriate application.
 For example: Severe service conditions such as dirty water, dirty air, all slurries, raw sewage water, oils, and other viscous fluids can have a dramatic affect in raising the torque requirements of ball valves as much as 75% and therefore larger actuators may be required. Please consult Dixon™ when dealing with these types of applications.



3-Way Ball Valve Flow Options

'T' Pattern, Side Entry

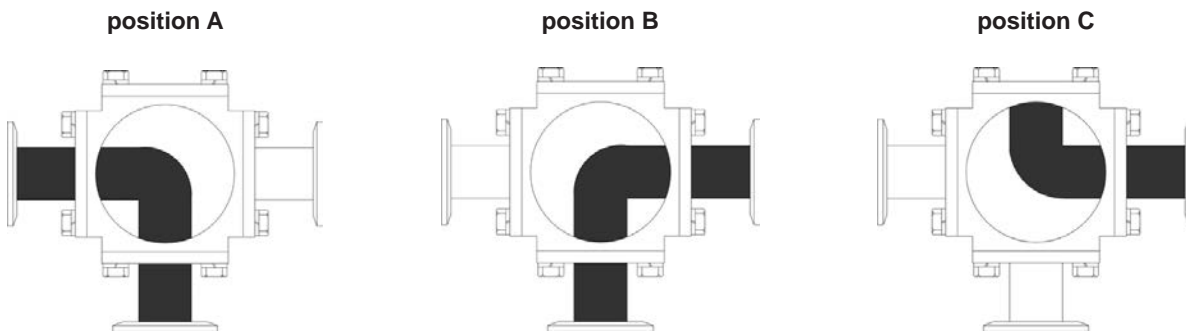
Top view



Number	Rotation	Flow Plan Options
1	90°	A, B
2	90°	B, C
3	90°	C, D
4 (Default)	90°	A, D

'L' Pattern, Side Entry

Top view



Number	Rotation	Flow Plan Options
1 (Default)	90°	A, B
2	180°	A, B, C

Q

- A flow path needs to be selected at time of order. If no flow path is selected, the option number labeled as default will be shipped.
- Customer verification is critical. If flow path needs to be changed after being shipped, labor and shipping charges will apply.
- For spring return actuators; must not fail position.
- Please call Dixon™ at 800.789.1718 for further information.

Actuation

All Dixon™ actuators, accessories and mounting hardware can be sold separately, call Dixon™ at 800.789.1718 for details.

- Dixon™ can actuate all of our butterfly and ball valves with actuators.
- Dixon™ ships all actuated valves from the Valve Automation department in Wisconsin.
- Our actuators are tested to one million cycles and are backed with a one year manufacturer's warranty.
- Our professionally trained specialists assemble and test each automation package to guarantee performance in the field.
- Documentation is filed on each automated valve package in case it is needed at any point in the future.
- Each unit is individually foam packed to ensure they arrive in top condition.
- Most standard orders can be shipped within 24 hours.



Rack and pinion Actuators

- 90° and 180° rotation
- spring return and double acting
- bi-directional travel stops
- available in stainless steel, aluminum and technopolymer materials

Pneumatic Stainless Steel Canister Actuators

- vertical with or without control top
- vertical - spring return and double acting
- horizontal - double acting



Electric Actuators

- variety of voltages
- manual overrides
- feedback and modulation available

Actuated Valve Accessories

Limit Switches

**Features:**

- visual position indicator
- 3D open/close indication
- quick-set cam
- mechanical SPDT switches (standard)
- multipoint terminal strip
- various switch options available
- cable entry: (2) 1/2" NPT

Enclosures available:**NEMA 4 4/X**

- water and dust tight for indoor or outdoor use
- corrosion resistant

NEMA 7

- water and dust tight for indoor or outdoor use
- corrosion resistant
- for use in indoor hazardous locations
- explosion proof

Enclosure	Part #	Price/E
NEMA 4/4X	XLS-B4A0120P	\$295.75
NEMA 7	XLS-C7A0120P	616.40

Solenoids

**Features:**

- pressure range: 30 PSI to 150 PSI
- duty cycle: 100% extended duty
- voltages available:
 - 12VDC, 24VDC, 24VAC, 48VAC, 110VAC, 220VAC
- electroless nickel plated spool
- easy-to-use manual override
- port sizes: inlet and exhaust 1/4" NPT
- NEMA 4 4/X Enclosure
 - water and dust tight for indoor or outdoor use
 - corrosion resistant

Description	Voltage	Part #	Price/E
single coil	115VAC	XSO-4S4D-0A	\$191.05
single coil	24VDC	XSO-4S4B-0A	191.05
dual coil	115VAC	XSO-4D4D-0A	306.10
dual coil	24VDC	XSO-4D4B-0A	306.10

Positioners

**Features:**

- air capacity:
 - at 29 PSI (200kPa): 9.5 SCFM
 - at 87 PSI (600kPa): 28.3 SCFM
 - at 145 PSI (1MPa): 47.1 SCFM
- air connections: 1/4" NPT
- gauges: 1/8" NPT
- cable entry: 1/2" NPT
- Electro-Pneumatic
 - input range: 4-20mA (Ri<250ohms)
 - supply pressure: 21.8 to 145 PSI (0.15 to 1MPa)
 - linearity error: <1.0% f.s
 - hysteresis: <0.6% f.s
 - repeatability: <0.5% f.s

Pneumatic

- input range: 3 to 15 PSI (20-100kPa)
- supply pressure: < 145 PSI (<1MPa)
- linearity error: <0.7% f.s
- hysteresis: <0.4% f.s
- repeatability: <0.3% f.s

Positioner Type	Part #	Price/E
Electro-Pneumatic	XPO-E4F	\$2343.40
Pneumatic	XPO-P4F	1094.00

Speed Control Mufflers

Features:

- maximum operating pressure: **300 PSI**
- temperature range: **35°F to 300°F**



aluminum



brass

NPT Thread	Approximate Full Oper. Height	Maximum Adjusted SCFM	2011T3 Aluminum ¹		Brass	
			Part #	Price/E	Part #	Price/E
1/8"	1-5/16"	20	ASCM18	\$8.00	SCM18	\$6.55
1/4"	1-9/16"	30	---	---	SCM28	7.55
3/8"	1-5/8"	40	---	---	SCM38	10.90
1/2"	2"	60	ASCM48	17.20	SCM48	16.90
3/4"	2-3/8"	70	ASCM68	34.50	SCM68	22.50
1"	2-1/2"	100	---	---	SCM88	41.00

¹ stock quantity only

Pneumatically Actuated Wafer **Butterfly Valves**

Valves

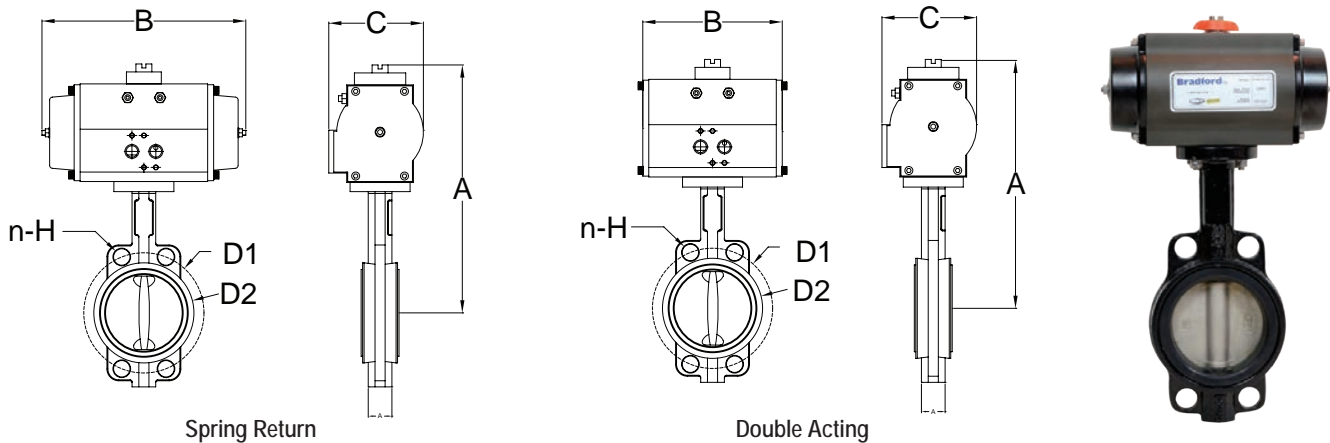
Features:

- installs between standard ANSI Class 150# flanges
- cast iron body with extended neck
- nickel plated ductile iron disc
- seat backing ring ensures blowout proof service
- conforms to MSS-SP-67, MSS-SP-25, API-609
- no taper pins
- field repairable (seat kits available)
- replaceable EPDM seat
- maximum operating pressure: **200 PSI** (bi-directional)
- temperature range: **-20°F to 250°F**
- a wide variety of seat, disc and body materials are available

Rack and Pinion Actuator

Features:

- bi-directional stops for $\pm 5^\circ$ travel adjustment
- **80 PSI** plant air required
- maximum operating pressure: **120 PSI**
- temperature range: **-40°F to +200°F**
- hard anodized aluminum body
- Namur mounting
- nickel plated anti-blowout pinion
- Buna-N O-rings
- visual position indication
- tested to 1 million cycles



All dimensions are given in inches, unless noted. Dimensions are approximate. Engineering dimensions are available upon request. Specifications are subject to change without notice.

Wafer Spring Return

Size	A	B	C	D1	D2	n-H	Part #	Price/E
1½"	9.61	8.09	3.74	3.88	3.74	4-18	B5121E150WW-BBC	\$710.60
2"	9.80	8.09	3.74	4.75	3.82	4-18	B5121E200WW-BBC	713.10
2½"	11.65	9.84	4.69	5.50	4.45	4-18	B5121E250WW-BBC	930.50
3"	11.89	9.84	4.69	6.00	4.92	4-18	B5121E300WW-BBC	951.55
4"	12.63	9.84	4.69	7.50	6.14	4-22	B5121E400WW-BBC	1010.95
5"	13.94	13.98	5.53	8.50	7.36	4-22	B5121E500WW-BBC	1385.95
6"	14.45	13.98	5.53	9.50	8.46	4-22	B5121E600WW-BBC	1443.65
8"	17.17	16.60	7.29	11.75	10.51	4-22	B5121E800WW-BBC	2715.30
10"	19.21	19.17	8.06	14.25	13.00	4-26	B5121E1000WWBCC	3474.75
12"	22.87	25.28	9.37	17.00	14.96	4-26	B5121E1200WWBCC	8606.90

Wafer Double Acting

Size	A	B	C	D1	D2	n-H	Part #	Price/E
1½"	9.61	5.87	3.74	3.88	3.74	4-18	B5121E150WW-BCC	\$581.85
2"	9.80	5.87	3.74	4.75	3.82	4-18	B5121E200WW-BCC	584.30
2½"	10.75	5.87	3.74	5.50	4.45	4-18	B5121E250WW-BCC	602.75
3"	10.99	5.87	3.74	6.00	4.92	4-18	B5121E300WW-BCC	623.80
4"	11.73	5.87	3.74	7.50	6.14	4-22	B5121E400WW-BCC	711.40
5"	13.15	7.20	4.69	8.50	7.36	4-22	B5121E500WW-BCC	944.70
6"	13.66	7.20	4.69	9.50	8.46	4-22	B5121E600WW-BCC	1002.35
8"	15.79	10.22	5.53	11.75	10.51	4-22	B5121E800WW-BCC	1512.60
10"	17.05	10.22	5.53	14.25	13.00	4-26	B5121E1000WWBCC	1563.00
12"	20.20	11.98	7.29	17.00	14.96	4-26	B5121E1200WWBCC	2657.05

Pneumatically Actuated Lug **Butterfly Valves** Valves

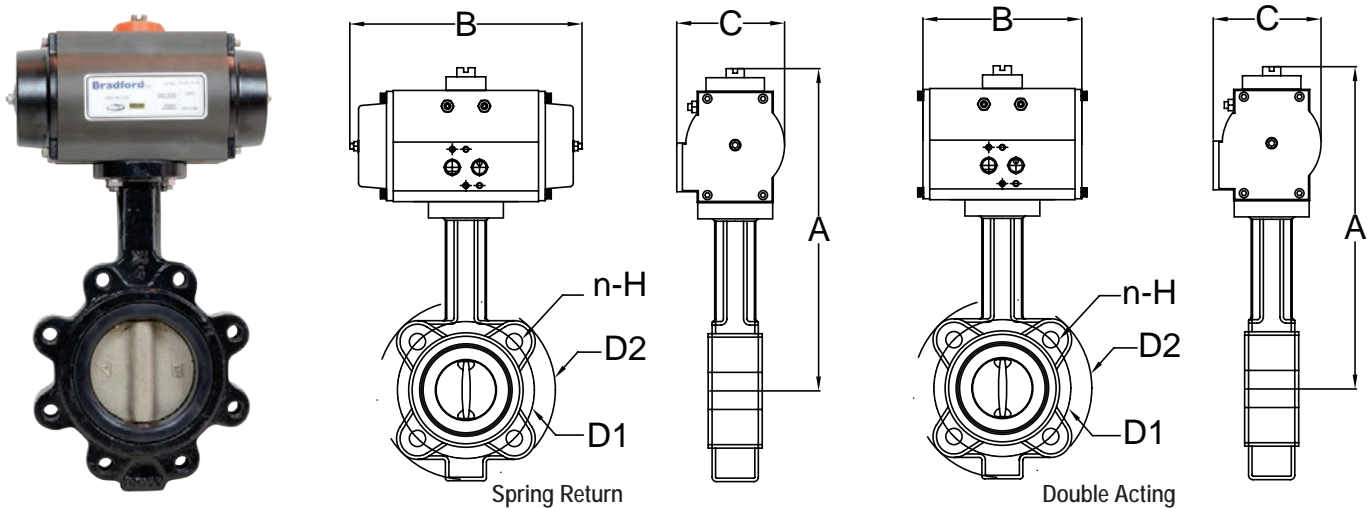
Features:

- cast iron body with extended neck
- nickel plated ductile iron disc
- seat backing ring ensures blowout proof service
- installs between standard ANSI Class 150# flanges
- conforms to MSS-SP-67, MSS-SP-25, API-609
- no taper pins
- field repairable (seat kits available)
- replaceable EPDM seat
- maximum operating pressure: **200 PSI** (bi-directional)
- temperature range: **-20°F to 250°F**
- a wide variety of seat, disc and body materials are available

Rack and Pinion Actuator

Features:

- bi-directional stops for $\pm 5^\circ$ travel adjustment
- **80 PSI** plant air required
- maximum operating pressure: **120 PSI**
- temperature range: **-40°F to +200°F**
- hard anodized aluminum body
- Namur mounting
- nickel plated anti-blowout pinion
- Buna-N O-rings
- visual position indication
- tested to 1 million cycles
- a wide variety of switches, solenoids, positioners, etc., are available, contact Dixon™ for details



All dimensions are given in inches, unless noted. Dimensions are approximate. Engineering dimensions are available upon request. Specifications are subject to change without notice.

Lug Spring Return

Size	A	B	C	D1	D2	n-H	Part #	Price/E
2"	9.80	8.09	3.74	.75	5.95	4-5/8-11 UNC	B5121E200LL-BBC	\$733.75
2½"	11.65	9.84	4.69	5.50	6.97	4-5/8-11 UNC	B5121E250LL-BBC	973.05
3"	11.89	9.84	4.69	6.00	7.56	4-5/8-11 UNC	B5121E300LL-BBC	1002.05
4"	12.63	9.84	4.69	7.50	8.35	8-5/8-11 UNC	B5121E400LL-BBC	1090.70
5"	13.94	13.98	5.53	8.50	9.53	8-5/8-11 UNC	B5121E500LL-BBC	1488.95
6"	14.45	13.98	5.53	9.50	11.02	8-5/8-11 UNC	B5121E600LL-BBC	1555.15
8"	17.17	16.60	7.29	11.75	13.19	8-5/8-11 UNC	B5121E800LL-BBC	2844.35
10"	19.21	19.17	8.06	14.25	15.94	12-7/8-9 UNC	B5121E1000LLBBC	3943.70
12"	22.87	25.28	9.37	17.00	19.09	12-7/8-9 UNC	B5121E1200LLBBC	6464.35

Lug Double Acting

Size	A	B	C	D1	D2	n-H	Part #	Price/E
2"	9.80	5.87	3.74	4.75	5.95	4-5/8-11 UNC	B5121E200LL-BCC	\$604.95
2½"	10.75	5.87	3.74	5.50	6.97	4-5/8-11 UNC	B5121E250LL-BCC	645.30
3"	10.99	5.87	3.74	6.00	7.56	4-5/8-11 UNC	B5121E300LL-BCC	674.25
4"	11.73	5.87	3.74	7.50	8.35	8-5/8-11 UNC	B5121E400LL-BCC	791.10
5"	13.15	7.20	4.69	8.50	9.53	8-5/8-11 UNC	B5121E500LL-BCC	1047.65
6"	13.66	7.20	4.69	9.50	11.02	8-5/8-11 UNC	B5121E600LL-BCC	1113.85
8"	15.79	10.22	5.53	11.75	13.19	8-5/8-11 UNC	B5121E800LL-BCC	1641.65
10"	17.05	10.22	5.53	14.25	15.94	12-7/8-9 UNC	B5121E1000LLBCC	2044.50
12"	20.20	11.98	7.29	17.00	19.09	12-7/8-9 UNC	B5121E1200LLBCC	3232.30

Ductile Iron **Butterfly Valves**



NOT RECOMMENDED FOR STEAM SERVICE

- for use between two 150 lb. flanges
- 10 position trigger grip handle
- pressure rating: **200 PSI** at ambient temperature (70°F)

Features:

- ductile iron body, ASTM A536
- aluminum bronze disc, ASTM B148, ALY.954
- PTFE bushing
- stainless steel top and bottom stems

threaded lug style with aluminum bronze disc

Size	with Buna-N liner		with EPDM liner	
	Part #	Price/E	Part #	Price/E
2"	BFVL200	\$145.00	BFVL200E	\$145.00
3"	BFVL300	181.25	BFVL300E	181.25
4"	BFVL400	270.00	BFVL400E	270.00
6"	BFVL600	475.00	BFVL600E	475.00



Features:

- ductile iron body, ASTM A536
- aluminum bronze disc, ASTM B148, ALY.954
- PTFE bushing
- stainless steel top and bottom stems

wafer style with aluminum bronze disc

Size	with Buna-N liner		with EPDM liner	
	Part #	Price/E	Part #	Price/E
2"	BBFVW200	\$133.00	BBFVW200E	\$133.00
3"	BBFVW300	170.00	BBFVW300E	170.00
4"	BBFVW400	240.00	BBFVW400E	240.00
6"	BBFVW600	420.00	BBFVW600E	420.00



Features:

- ductile iron body, ASTM A536
- stainless steel disc, ASTM A351, GR. CF-8M
- Buna-N seal and stem seals
- PTFE bushing
- stainless steel top and bottom stems

wafer style with stainless disc

Size	with Buna-N liner	
	Part #	Price/E
2"	BFVW200	\$150.00
3"	BFVW300	185.00
4"	BFVW400	250.00
6"	BFVW600	527.85



Features:

- ductile iron body, ASTM A536
- nickel plated ductile iron disc
- Buna-N seal and stem seals
- PTFE bushing
- 416 stainless stem

wafer style with nickel plated ductile iron disc

Size	with Buna-N liner		with EPDM liner	
	Part #	Price/E	Part #	Price/E
3"	IBFVW300	\$103.50	IBFVW300E	\$103.50
4"	IBFVW400	136.00	IBFVW400E	136.00
6"	IBFVW600	186.00	IBFVW600E	186.00
8"	IBFVW800	300.00	IBFVW800E	300.00

NEW



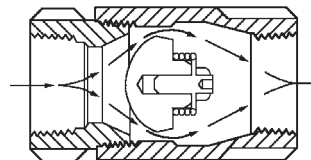
Domestic Ball Cone Check Valves

Application:

- For use with water, oil, air lines or inert gases. Not recommended for use on or near reciprocating pumps or other similar vibration causing machinery.

Features:

- tight shut-off with liquid media
- no radial alignment necessary
- straight through and streamlined for minimum change in velocity
- Reinforced PTFE check is spring loaded for fast seating action.
- pressure rating: **400 PSI** WOG, cold non-shock; **125 PSI** saturated steam
- cracking pressure: .5 PSI
- temperature range: **-20°F to 353°F**



Pressure Ratings

Temperature	Pressure WOG (PSI)
-20°F to 100°F	400
200°F	200
250°F	160
275°F	150
300°F	140
325°F	130
353°F	125

female NPT x female NPT

Size	Brass		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
¼"	61-101	\$62.00	62-101	\$136.00
⅜"	61-102	62.00	62-102	136.00
½"	61-103	62.00	62-103	160.00
¾"	61-104	89.00	62-104	256.00
1"	61-105	120.00	62-105	350.00
1¼"	61-106	212.00	62-106	490.00
1½"	61-107	268.00	62-107	660.00
2"	61-108	440.00	62-108	1140.00
2½"	61-109	900.00	---	---
3"	61-100	1500.00	---	---



male NPT x female NPT

Size	Brass	
	Part #	Price/E
¼"	61-201	\$85.50
⅜"	61-202	85.50
½"	61-203	85.50
¾"	61-204	112.00
1"	61-205	162.00
1¼"	61-206	264.00
1½"	61-207	335.00
2"	61-208	560.00



800 PSI Stainless Steel Check Valve



Features:

- soft PTFE seat is spring loaded for fast seating action
- flow profile designed to minimize head loss
- temperature range **10°F to 450°F**
- pressure rating: **800 PSI** WOG; **125 PSI** saturated steam
- cracking pressure: .5 PSI
- corrosion resistance, excellent for use on chemicals
- dual guided stem and disc

female NPT x female NPT

Size	316 Stainless Steel	
	Part #	Price/E
¼"	SSCVIL025	\$114.00
⅜"	SSCVIL038	114.00
½"	SSCVIL050	114.00
¾"	SSCVIL075	169.00
1"	SSCVIL100	200.00
1¼"	SSCVIL125	339.00
1½"	SSCVIL150	416.00
2"	SSCVIL200	472.00



Check Valves

Features:

- Class 800
- ASTM A105, ANSI B120.1
- bolted bonnet
- pressure rating: **1975 PSI**
- maximum temperature: **800°F**
- can be used for steam service

Female NPT	Part #	Price/E
	<i>Forged Steel</i>	
1/2"	FSCV50	\$128.40
3/4"	FSCV75	144.45
1"	FSCV100	202.60
1 1/4"	FSCV125	353.05
1 1/2"	FSCV150	375.10
2"	FSCV200	451.35

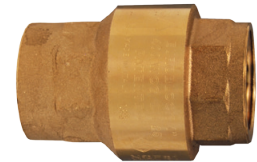


Spring-Loaded Check Valves

Features:

- cracking pressure: 0.50 PSI
- NBR seat
- soft seat for bubble tight shutoff, spring loaded for fast seating action
- flow profile designed to minimize head loss
- pressure rating :1/2" - 2" **400 PSI WOG**; 3" - 4" **175 PSI WOG**
- temperature range: **10°F to 210°F** (-10°C to 100°C)

Female NPT	Part #	Price/E
	<i>Brass</i>	
1/2"	CV050	\$18.60
3/4"	CV075	25.00
1"	CV100	34.00
1 1/4"	CV125	53.00
1 1/2"	CV150	79.30
2"	CV200	112.75
3"	CV300	355.90
4"	CV400	550.00

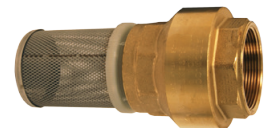


Strainer with Spring Loaded Check Valves

Features:

- brass with NBR seat and stainless steel strainer
- soft seat for bubble tight shutoff, spring loaded for fast seating action
- flow profile designed to minimize head loss
- temperature range: **10°F to 210°F** (-10°C to 100°C)
- cracking pressure: **0.50 PSI**
- pressure rating: 1 1/2"-2" **400 PSI WOG**, 3"-4" **175 PSI WOG**

Female NPT	Part #	Price/E
1 1/2"	BVFS20	\$89.60
2"	BVFS25	129.00
3"	BVFS35	379.50
4"	BVFS40	572.50



Q

Horizontal Swing Check Valves

Application:

- Swing check valves are designed to prevent back flow in plumbing and liquid piping systems, while offering full flow performance with a minimum of turbulence or pressure loss.

Features:

- brass disc
- for horizontal or vertical use
- A positive seating disc allows flow only in one direction and a screw-in cap provides easy access for periodic cleaning.
- pressure rating: **200 PSI WOG**
- temperature range: **-20° to 150°F**



female NPT x female NPT

Size	Brass	
	Part #	Price/E
½"	SWCV50	\$19.90
¾"	SWCV75	26.10
1"	SWCV100	35.55
1¼"	SWCV125	56.50
1½"	SWCV150	71.10
2"	SWCV200	110.80
3"	SWCV300	309.80
4"	SWCV400	440.00

Domestic Swing Check Valves

Features:

- Class 150
- ASME B1.20.1
- metal seat
- 100% factory tested
- working pressure: **300 PSI cold, 150 PSI steam**
- temperature range: **-20°F to 406°F**



Female NPT	Brass	
	Part #	Price/E
½"	DSCV50	\$154.00
¾"	DSCV75	187.00
1"	DSCV100	252.00
1¼"	DSCV125	333.00
1½"	DSCV150	432.00
2"	DSCV200	646.00

Cast Iron Y Line Strainers

Features:

- cast iron body
- graphite gasket
- working pressure: **400 PSI WOG, 250 PSI steam**
- plug ported for blowdown service
- no replacement screens available

products used with the strainer:

- MNPT threaded close nipples, page 742
- brass ball valves, page 678
- MNPT threaded plugs, page 736



Female NPT	Description	Cast Iron	
		Part #	Price/E
¼"	20 x 20 mesh	Y001	\$30.00
⅜"	20 x 20 mesh	Y002	30.00
½"	20 x 20 mesh	Y003	36.00
¾"	20 x 20 mesh	Y004	44.00
1"	20 x 20 mesh	Y005	55.00
1¼"	20 x 20 mesh	Y006	78.00
1½"	20 x 20 mesh	Y007	96.00
2"	20 x 20 mesh	Y008	144.00

Bronze Y Line Strainers

Features:

- cast bronze body, female x female NPT ends
- working pressure: **400 PSI** WOG, **125 PSI** steam

Female NPT	Description	Bronze		304 Stainless Replacement Screens	
		Part #	Price/E	Part #	Price/E
¼"	50 x 50 mesh	59-001	\$52.00	G3271-00	\$6.50
⅜"	50 x 50 mesh	59-002	52.00	G2457-00	6.85
½"	50 x 50 mesh	59-003	52.00	G2457-00	6.85
¾"	20 x 20 mesh	59-004	99.00	G3224-00	6.25
1"	20 x 20 mesh	59-005	131.00	G3225-00	13.70
1¼"	20 x 20 mesh	59-006	235.00	G3231-00	19.25
1½"	20 x 20 mesh	59-007	261.00	G3229-00	20.75
2"	20 x 20 mesh	59-008	427.00	G3230-00	16.00



Polypropylene Y Line Strainers

Features:

- protects and prevents clogging of pipelines, pumps and spray tips
- glass-filled polypropylene body, female x female NPT ends
- easy access for cleaning
- maximum operating pressure: **90 PSI** at 70°F

Female NPT	Description	Polypropylene		304 Stainless Replacement Screen	
		Part #	Price/E	Part #	Price/E
¾"	40 mesh	PYLS7540	\$35.50	61450	\$17.10
1"	40 mesh	PYLS10040	44.25	61746	18.50
1½"	40/20 mesh	PYLS15040	97.00	61509	43.00
2"	40/20 mesh	PYLS20040	97.00	61509	43.00



Polypropylene T Line Strainers

Features:

- white polypropylene allows easy inspection
- female x female NPT ends
- 40 mesh stainless steel screen
- maximum operating pressure: **100 PSI** at 70°F

Female NPT	Description	Polypropylene		304 Stainless Replacement Screen	
		Part #	Price/E	Part #	Price/E
¾"	40 mesh	PTLS7540	\$26.25	61405	\$12.00
1"	40 mesh	PTLS10040	26.25	61405	12.00



Q

Hammer Unions

Features:

- Socket weld configurations and other materials are available, contact the factory for further information.
- Hammer unions work at extremely high pressures. Mismatching components of one series with another (i.e. series 602 with series 1502) can lead to destruction of property, serious bodily injury or death.
- temperature range: **-20°F to 250°F**
- non-shocking cold water pressure means that the rated value is the maximum operating pressure at ambient temperature:
 - no spikes higher than this pressure
 - no instantaneous pressure increases (0-2000 PSIG in ¼ of a second)
 - ambient temperature: 70°F



100 Series

Features:

- used on low pressure manifolds and lines and in applications running air, water, oil or gas up to **1,000 PSI NSCWP** (non-shock cold working pressure)
- yellow sub, black nut

Size	Configuration	NSCWP (PSI)	Forged Steel	
			Part #	Price/E
2"	threaded	1000	HU100200	\$52.90
2"	butt weld	1000	HU100200BW¹	82.35
2½"	threaded	1000	HU100250	150.00
3"	threaded	1000	HU100300	139.05
4"	threaded	1000	HU100400	209.45
4"	butt weld	1000	HU100400BW¹	269.20
6"	threaded	1000	HU100600	722.40
8"	threaded	1000	HU100800	981.65

¹ butt weld ends are schedule 40

200 Series

Features:

- used in general service applications running air, water, oil or gas up to **2,000 PSI NSCWP** (non-shock cold working pressure)
- grey sub, blue nut



Size	Configuration	NSCWP (PSI)	Forged Steel	
			Part #	Price/E
1"	threaded	2000	HU200100	\$35.35
1½"	threaded	2000	HU200150	116.15
2"	threaded	2000	HU200200	51.90
2"	butt weld	2000	HU200200BW¹	87.10
2½"	threaded	2000	HU200250	229.60
3"	threaded	2000	HU200300	213.75
4"	threaded	2000	HU200400	271.80
6"	threaded	2000	HU200600	981.65
8"	threaded	2000	HU200800	1150.00

¹ butt weld ends are schedule 40

206 Series

Features:

- runs air, water, oil or gas up to **2,000 PSI NSCWP** (non-shock cold working pressure)
- O-ring mounted sub provides excellent sealing properties
- grey sub, blue nut



Size	Configuration	NSCWP (PSI)	Forged Steel	
			Part #	Price/E
1"	threaded	2000	HU206100	\$39.15
1½"	threaded	2000	HU206150	101.10
2"	threaded	2000	HU206200	59.00
2½"	threaded	2000	HU206250	224.80
3"	threaded	2000	HU206300	224.30
4"	threaded	2000	HU206400	250.00
6"	threaded	2000	HU206600	1066.10
8"	threaded	2000	HU206800	1600.00

R

Hammer Unions 400 Series

Features:

- used on manifold and line connections, pump, suction and mud service
- up to **4,000 PSI NSCWP** (non-shock cold working pressure)
- red sub, black nut

Size	Configuration	NSCWP (PSI)	Forged Steel	
			Part #	Price/E
2"	threaded	4000	HU400200	\$148.00
3"	threaded	4000	HU400300	305.25
4"	threaded	4000	HU400400	387.45



602 Series

Features:

- for use in mud, manifold service and truck mounting applications running water, oil or mud up to **6,000 PSI NSCWP** (non-shock cold working pressure)
- lip type seal ring minimizes fluid flow turbulence while creating a pressure seal
- orange sub, black nut

Size	Configuration	NSCWP (PSI)	Forged Steel	
			Part #	Price/E
1"	threaded	6000	HU602100	\$116.00
2"	threaded	6000	HU602200	269.20
2"	butt weld	6000	HU602200BW¹	234.85
3"	threaded	6000	HU602300	375.00
3"	butt weld	6000	HU602300BW¹	446.15
4"	threaded	6000	HU602400	550.00
4"	butt weld	6000	HU602400BW¹	704.50

¹ butt weld ends are schedule 80



1002 Series

Features:

- for use in high pressure systems and truck mounting applications running water, oil or mud up to **10,000 PSI NSCWP** (non-shock cold working pressure)
- lip type seal ring minimizes fluid flow turbulence while creating a pressure seal
- blue sub, red nut

Size	Configuration	NSCWP (PSI)	Forged Steel	
			Part #	Price/E
1"	threaded	10000	HU1002100	\$223.15
2"	threaded	10000	HU1002200	293.40
2"	butt weld	10000	HU1002200BW¹	270.00
3"	threaded	10000	HU1002300	450.00
3"	butt weld	10000	HU1002300BW¹	610.55
4"	threaded	10000	HU1002400	758.20
4"	butt weld	10000	HU1002400BW¹	751.45

¹ butt weld ends are schedule -XXS



1502 Series

Features:

- for use in extreme high pressure applications running water, oil or mud up to **15,000 PSI NSCWP** (non-shock cold working pressure)
- lip type seal ring minimizes fluid flow turbulence while creating a pressure seal
- red sub, blue nut

Size	Configuration	NSCWP (PSI)	Forged Steel	
			Part #	Price/E
2"	threaded	15000	HU1502200	\$303.85
2"	butt weld	15000	HU1502200BW¹	352.25
3"	threaded	15000	HU1502300	670.00
3"	butt weld	15000	HU1502300BW¹	730.30
4"	threaded	15000	HU1502400	1060.50
4"	butt weld	15000	HU1502400BW¹	1268.05

¹ butt weld ends are schedule -XXS



R

NEW

Hookie - Hook Hose Lifter

Features:

- for use with hammer unions on pages 716-717
- safe working load is 4 tons, with a proof load test of 8 tons
- supplied complete with retaining clamp



Size	Forged Carbon Steel Part #	Price/E
3"	HA0900-3	\$666.60
4"	HA0900-4	666.60
5"	HA0900-5	727.20

Bull Plugs

NEW

Features:

- manufactured in conformance with ASTM A234 and MSS SP-95
- threads on nipples conform to ASME B1.20.1
- schedule 40 nipples have blue caps
- schedule 80 nipples have green caps



Male NPT	Length	Zinc Plated Schedule 40 Part #	Price/E
2"	4.0	BP40-200	\$30.40
2½"	5.0	BP40-250	52.05
3"	6.0	BP40-300	65.10
4"	7.0	BP40-400	89.65

Male NPT	Length	Zinc Plated Schedule 80 Part #	Price/E
2"	4.0	BP80-200	\$29.90
2½"	5.0	BP80-250	54.70
3"	6.0	BP80-300	59.75
4"	7.0	BP80-400	81.90

Bull Plugs with Tap

Features:

- manufactured in conformance with ASTM A234 and MSS SP-95
- threads on nipples conform to ASME B1.20.1
- schedule 40 nipples have blue caps
- schedule 80 nipples have green caps



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Male NPT	Length	Zinc Plated Schedule 40 Part #	Price/E
2" x ¼"	4.0	BP40-200T025	\$31.80
2" x ½"	5.0	BP40-200T050	31.80
3" x ½"	6.0	BP40-300T050	64.20
4" x ½"	7.0	BP40-400T050	90.95

Male NPT	Length	Zinc Plated Schedule 80 Part #	Price/E
2" x ¼"	4.0	BP80-200T025	\$31.80
2" x ½"	5.0	BP80-200T050	33.35
3" x ½"	6.0	BP80-300T050	69.35
4" x ½"	7.0	BP80-400T050	95.70

Swage Nipples

NEW**Features:**

- manufactured in conformance with ASTM A234 and MSS SP-95
- threads on nipples conform to ASME B1.20.1
- schedule 40 nipples have blue caps
- schedule 80 nipples have green caps

Male NPT	Length	Zinc Plated Schedule 40 Part #	Price/E
2" X 1"	6.5	SW40-200100	\$35.15
2" X 1¼"	6.5	SW40-200125	35.15
2" X 1½"	6.5	SW40-200150	35.15
2½" X 1"	7.0	SW40-250100	47.10
2½" X 1½"	7.0	SW40-250150	47.10
2½" X 2"	7.0	SW40-250200	38.65
3" X 2"	8.0	SW40-300200	43.20
3" X 2½"	8.0	SW40-300250	43.20
4" X 2"	9.0	SW40-400200	74.35
4" X 2½"	9.0	SW40-400250	75.75
4" X 3"	9.0	SW40-400300	62.75
6" X 3"	12.0	SW40-600300	242.45
6" X 4"	12.0	SW40-600400	231.30
8" X 4"	13.0	SW40-800400	643.05
8" X 6"	13.0	SW40-800600	491.80



Male NPT	Length	Zinc Plated Schedule 80 Part #	Price/E
½" x ¼"	2.8	SW80-050025	\$11.15
½" x ⅜"	2.8	SW80-050038	11.80
¾" x ½"	3.0	SW80-075050	13.10
1" x ¼"	3.5	SW80-100025	14.75
1" x ½"	3.5	SW80-100050	13.95
1" x ¾"	3.5	SW80-100075	16.95
2" x ½"	6.5	SW80-200050	40.95
2" x ¾"	6.5	SW80-200075	38.80
2" x 1"	6.5	SW80-200100	34.55
2" x 1¼"	6.5	SW80-200125	35.15
2" x 1½"	6.5	SW80-200150	35.15
2½" x 2"	7.0	SW80-250200	40.35
3" x 1"	8.0	SW80-300100	77.85
3" x 2"	8.0	SW80-300200	57.25
3" x 2½"	8.0	SW80-300250	54.05
4" x 2"	9.0	SW80-400200	89.55
4" x 3"	9.0	SW80-400300	83.60
4" x 4"	9.0	SW80-400400	119.25
6" x 3"	12.0	SW80-600300	286.05
6" x 4"	12.0	SW80-600400	279.55
8" x 6"	13.0	SW80-800600	571.05

**R**

Straub Grip-L Axial Restraint Pipe Couplings

Application:

- Straub Grip-L couplings are particularly suitable for pipes within the lower pressure range. Applications include, but are not limited to: ship building, water and waste water treatment plants and industrial process pipe work.

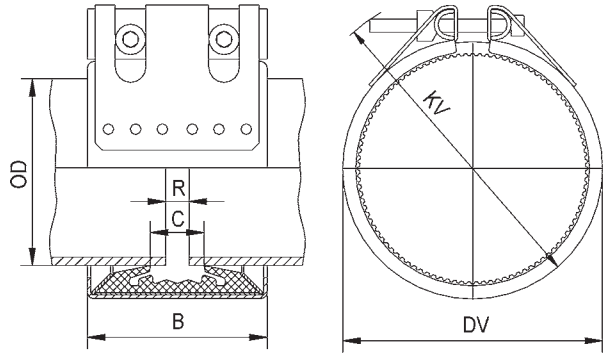
Features:

- Joins like or dissimilar pipe materials: steel, galvanized, painted, stainless steel, thin-wall stainless steel, PVC, copper
- Requires no special tools or pipe-end preparation; only a torque wrench is required for a secure and safe pipe connection that seldom needs retightening.
- highest quality 316 Ti stainless steel construction
- accommodates up to 5° of pipe misalignment
- vary gap between pipe ends
- absorbs vibration, water hammer and sound
- special patented grip ring for superior holding power on hard-surfaced pipes
- 5 year limited warranty
- reusable
- built to ASTM 1476, Type 2, Class 2 specifications

- casing: AISI 316Ti
- screws: AISI 316 L
- bolts: AISI 316 Ti
- anchoring ring: AISI 301
- sealing sleeve: EPDM standard (NBR and FKM are also available, contact Dixon™ for additional information)
- EPDM sealing sleeve: temperature range - 4°F to 176°F (-20°C to 80°C)

Specifications:

- American Bureau of Shipping (ABS) up to 232 PSI on ¾" - 5"; 188 PSI on 6"; 145 PSI on 8"
- Underwriter's Laboratories (UL)
- National Sanitation Foundation (NSF)



Size	Pipe OD		Working Pressure PSI	Coupling Dimensions		Assembled Dimensions		Maximum Distance Between Pipe End R	Stainless Steel	
	actual	range min to max		B	C	DV	KV		Part #	Price/E
¾"	1.05"	1.04" to 1.08"	670	1.8"	0.7"	1.7"	2.8"	0.2"	STR20000	\$169.30
1"	1.31"	1.31" to 1.35"	550	1.8"	0.7"	2"	3"	0.2"	STR20100	179.30
1½"	1.90"	1.88" to 1.92"	440	2.4"	1.0"	2.6"	3.9"	0.2"	STR20300	221.95
2"	2.37"	2.35" to 2.40"	320	3.0"	1.5"	3.1"	4.3"	0.4"	STR20450	259.90
2½"	2.87"	2.85" to 2.90"	450	3.7"	1.6"	3.9"	5.3"	0.4"	STR20500	331.35
3"	3.50"	3.46" to 3.54"	320	3.7"	1.6"	4.4"	5.9"	0.4"	STR20650	365.00
4"	4.50"	4.46" to 4.54"	232	3.7"	1.6"	5.4"	6.7"	0.4"	STR20900	403.65
5"	5.50"	5.51" to 5.62"	232	4.3"	2.1"	6.5"	8.3"	0.4"	STR21150	598.10
6"	6.63"	6.56" to 6.69"	232	4.3"	2.1"	7.6"	9.1"	0.4"	STR21350	650.45
8"	8.63"	8.54" to 8.71"	232	5.6"	3.1"	9.8"	11.6"	0.4"	STR21400	1136.50

- ¾" - 2" couplings have only one bolt

All Straub couplings require the correct use of a torque wrench for a safe and proper installation. Straub couplings must be torqued to the specified value as printed on each individual coupling. Failure to do so can result in serious injury or death.
Not for steam or refrigerant service.



R

Straub Open-Flex 1L Couplings

Applications:

- Straub Open-Flex 1L couplings are suitable for repairing or joining pipes where access to the pipe end is difficult or impossible. This unique wrap-around design differs from similar type repair products because the installation or repair is permanent due to the unique flexible lip seal gasket design. Open-Flex couplings will also act as an expansion joint. *Straub Open-Flex couplings do require the pipes to be properly anchored and restrained as they are not pull-out resistant like the Straub Grip-L couplings.* Use Straub Open-Flex couplings to replace bolted sleeve type couplings (AWWA Std. C-219) or for permanent repairs or installation.

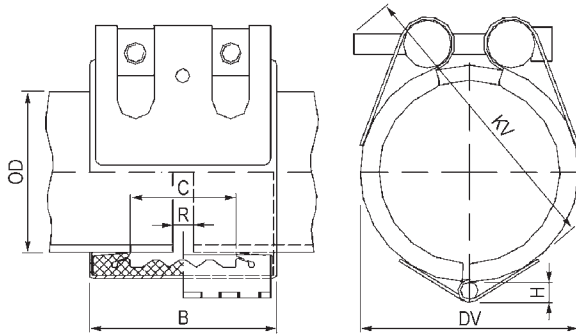
Features:

- Joins like or dissimilar pipe materials: steel, galvanized, painted, stainless steel, thin-wall stainless steel, PVC, copper
- Requires no special tools or pipe-end preparation; only a torque wrench is required for a secure and safe pipe connection that seldom needs retightening.
- highest quality 316 Ti stainless steel construction
- accommodates up to 5° of pipe misalignment
- vary gap between pipe ends
- absorbs vibration, water hammer, and sound
- acts as an expansion joint; will accept up to .25" of axial movement
- 5 year limited warranty
- reusable


- conforms to ASTM 1476, Type 2, Class 3 specifications
- casing: AISI 316Ti
- screws: AISI 4135 steel
- bolts: AISI 12L 14 galvanized
- EPDM sealing sleeve: temperature range - 4°F to 176°F (-20°C to 80°C)

Specifications:

- American Bureau of Shipping (ABS) up to 232 PSI
- Underwriter's Laboratories (UL)
- National Sanitation Foundation (NSF)



Size	Pipe OD		Working Pressure PSI	Coupling Dimensions			Assembled Dimensions		Max. Distance Between Pipe End R	Weight (lbs.)	Stainless Steel	
	actual	range min to max		B	C	H	DV	KV			Part #	Price/E
1½"	1.90"	1.85" to 1.95"	363	3.0"	1.4"	.28	2.8"	3.3"	.20"	1.10	STR35001	\$268.95
2"	2.38"	2.32" to 2.42"	232	3.0"	1.4"	.28	3.2"	3.7"	.20"	1.34	STR35151	284.95
2½"	2.88"	2.81" to 2.93"	232	3.0"	1.4"	.36	3.2"	3.7"	.20"	1.80	STR35201	310.00
3"	3.50"	3.44" to 3.56"	232	3.7"	2.0"	.36	4.4"	4.9"	.20"	2.10	STR35351	324.95
4"	4.50"	4.43" to 4.57"	232	3.7"	2.0"	.36	5.4"	5.9"	.20"	2.33	STR35651	343.65
5"	5.56"	5.49" to 5.57"	232	4.2"	2.4"	.38	6.4"	7.1"	.20"	3.20	STR35901	433.80
6"	6.63"	6.54" to 6.71"	232	4.2"	2.4"	.38	7.5"	8.1"	.20"	3.70	STR36051	464.80


Not pull-out resistant.
 Ensure that pipes are properly anchored and supported.

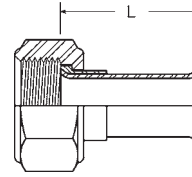
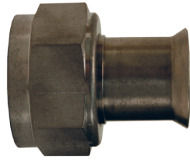
Assembly tool: **STR6648**, \$348.55



Female Weld End Metal Hose Fittings

All fittings have 316 seamless stainless steel tubes

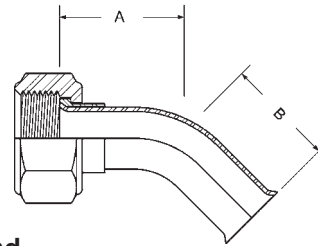
Straight



SAE 37° Female JIC x Weld End

Female SAE 37° JIC	Tube OD	Pressure Rating PSI at 70°F	Dimension L	Tube Wall	304 Stainless Steel Nut & Sleeve		Carbon Steel Nut & Sleeve	
					Part #	Price/E	Part #	Price/E
7/16" - 20	¼"	8650	1.500"	.049"	<i>SFMF250</i>	\$28.40	<i>FMF250</i>	\$17.30
9/16" - 18	⅜"	5550	1.500"	.049"	<i>SFMF375</i>	32.00	<i>FMF375</i>	21.20
3/4" - 16	½"	4050	1.500"	.049"	<i>SFMF500</i>	52.55	<i>FMF500</i>	28.65
1-1/16" - 12	¾"	2600	1.500"	.049"	<i>SFMF750</i>	90.40	<i>FMF750</i>	42.10
1-5/16" - 12	1"	1950	2.000"	.049"	<i>SFMF1000</i>	141.30	<i>FMF1000</i>	63.45
1-5/8" - 12	1¼"	2050	2.375"	.065"	<i>SFMF1250</i>	240.15	<i>FMF1250</i>	126.05
1-7/8" - 12	1½"	1700	2.375"	.065"	<i>SFMF1500</i>	407.30	<i>FMF1500</i>	174.95
2-1/2" - 12	2"	1250	2.500"	.065"	<i>SFMF2000</i>	790.55	<i>FMF2000</i>	325.05

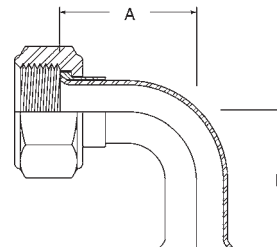
45° Elbow



SAE 37° Female JIC x Weld End

Female SAE 37° JIC	Tube OD	Pressure Rating PSI at 70°F	Dimensions		Bend Radius	Tube Wall	304 Stainless Steel Nut & Sleeve		Carbon Steel Nut & Sleeve	
			A	B			Part #	Price/E	Part #	Price/E
7/16" - 20	¼"	5000	0.750"	0.750"	0.380"	.049"	<i>SFMF250-45</i>	\$24.55	<i>FMF250-45</i>	\$28.70
9/16" - 18	⅜"	4500	1.000"	1.000"	0.500"	.049"	<i>SFMF375-45</i>	35.65	<i>FMF375-45</i>	38.25
3/4" - 16	½"	4000	1.250"	1.250"	1.000"	.049"	<i>SFMF500-45</i>	71.20	<i>FMF500-45</i>	69.20
1-1/16" - 12	¾"	2600	1.450"	1.450"	1.500"	.049"	<i>SFMF750-45</i>	100.75	<i>FMF750-45</i>	71.50
1-5/16" - 12	1"	2500	1.800"	1.800"	2.000"	.049"	<i>SFMF1000-45</i>	166.00	<i>FMF1000-45</i>	107.25
1-5/8" - 12	1¼"	2050	2.100"	2.100"	2.000"	.065"	<i>SFMF1250-45</i>	278.80	<i>FMF1250-45</i>	221.75
1-7/8" - 12	1½"	1700	2.300"	2.300"	2.000"	.065"	<i>SFMF1500-45</i>	506.20	<i>FMF1500-45</i>	293.80
2-1/2" - 12	2"	1250	3.000"	3.000"	3.000"	.065"	<i>SFMF2000-45</i>	660.15	<i>FMF2000-45</i>	609.75

90° Elbow



SAE 37° Female JIC x Weld End

Female SAE 37° JIC	Tube OD	Pressure Rating PSI at 70°F	Dimensions		Bend Radius	Tube Wall	304 Stainless Steel Nut & Sleeve		Carbon Steel Nut & Sleeve	
			A	B			Part #	Price/E	Part #	Price/E
7/16" - 20	¼"	5000	1.000"	1.000"	0.375"	.049"	<i>SFMF250-90</i>	\$32.30	<i>FMF250-90</i>	\$33.70
9/16" - 18	⅜"	4500	1.250"	1.250"	0.500"	.049"	<i>SFMF375-90</i>	36.50	<i>FMF375-90</i>	40.60
3/4" - 16	½"	4000	1.830"	1.830"	1.000"	.049"	<i>SFMF500-90</i>	73.80	<i>FMF500-90</i>	58.95
1-1/16" - 12	¾"	2600	2.350"	2.350"	1.500"	.049"	<i>SFMF750-90</i>	108.45	<i>FMF750-90</i>	95.40
1-5/16" - 12	1"	2500	3.100"	3.100"	2.000"	.049"	<i>SFMF1000-90</i>	173.05	<i>FMF1000-90</i>	127.95
1-5/8" - 12	1¼"	2050	3.500"	3.500"	2.000"	.065"	<i>SFMF1250-90</i>	308.85	<i>FMF1250-90</i>	205.25
1-7/8" - 12	1½"	1700	3.750"	3.750"	2.000"	.065"	<i>SFMF1500-90</i>	432.20	<i>FMF1500-90</i>	261.10
2-1/2" - 12	2"	1250	4.900"	4.900"	2.000"	.065"	<i>SFMF2000-90</i>	866.80	<i>FMF2000-90</i>	631.10

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NPT Threaded Pipe Fittings

Size	Overall Length	Carbon Steel		304 Stainless Steel		Aluminum	
		Part #	Price/E	Part #	Price/E	Part #	Price/E
¼"	2"	PN250	\$4.95	PNS250	\$7.80	---	---
⅜"	2"	PN375	5.50	PNS375	9.95	---	---
½"	2"	PN500	4.90	PNS500	11.20	---	---
¾"	2"	PN750	3.50	PNS750	13.90	---	---
1"	2"	PN1000	5.05	PNS1000	16.70	---	---
1¼"	2"	PN1250	7.15	PNS1250	20.85	---	---
1½"	2"	PN1500	6.15	PNS1500	23.70	---	---
2"	2"	PN2000	7.15	PNS2000	33.65	---	---
2½"	3"	PN2500	24.25	PNS2500	78.25	---	---
3"	3"	PN3000	28.00	PNS3000	105.80	APN3000	\$43.25
4"	4"	PN4000	46.00	PNS4000	161.35	APN4000	64.15



Dixon™ Hex Nipples for Welding to Metal Hose

Size	Carbon Steel ¹		Opt Qty	Machined Brass		304 Stainless Steel ¹		Opt Qty	316 Stainless Steel ¹	
	Part #	Price/E		Part #	Price/E	Part #	Price/E		Part #	Price/E
¼"	FM250	\$3.35	200	FMB250	\$6.80	FMS250	\$9.50	200	---	---
⅝"	FM375	3.55	100	FMB375	11.15	FMS375	11.85	100	---	---
½"	FM500	4.55	50	FMB500	13.20	FMS500²	11.20	50	FMR500²	\$12.70
¾"	FM750	5.55	50	FMB750	15.60	FMS750²	12.45	50	FMR750²	15.90
1"	FM1000	7.30	50	FMB1000	24.70	FMS1000²	19.00	50	FMR1000²	27.65
1¼"	FM1250	14.40	50	---	---	FMS1250	60.60	50	---	---
1½"	FM1500	15.10	50	---	---	FMS1500	60.80	50	FMR1500	63.10
2"	FM2000	39.90	10	---	---	---	---	---	---	---

¹ Dixon™ suggests using 308 LSI welding rod

² global stainless steel



Dixon™ Octagonal Nipples for Welding to Metal Hose

Size	Overall Length	Weld-On Length	Hex Length	Carbon Steel		304 Stainless Steel	
				Part #	Price/E	Part #	Price/E
2"	2½"	7/8"	9/16"	OCTOE32	\$27.00	OCTOES32	\$52.30



Dixon™ Octagonal Wrench Grips

Size	Across Outside Flats	Across Inside Flats	Width	304 Stainless Steel	
				Part #	Price/E
1½"	2.230"	1.910"	9/16"	OCTS24	\$14.30
2"	2.781"	2.385"	9/16"	OCTS32	16.20
3"	3.750"	3.510"	7/8"	OCTS48	37.00

Size	Across Outside Flats	Across Inside Flats	Width	Carbon Steel	
				Part #	Price/E
2"	2.740"	2.510"	9/16"	OCT32	\$9.00



R

Dixon™ Weld-On Hex Wrench Grips

Size	Global Investment Cast Steel	
	Part #	Price/E
1"	WN12	\$6.30
1¼"	WN16	5.90
1½"	WN21	5.90
2"	WN26	6.45
2½"	WN31	8.60
3"	WN36	10.40
4"	WN46	21.00



Notched Turned Back Nipples

Features:

- Stems are for use with lap joint flanges on page 726.
- When used with an appropriate notched ferrule, these fittings can be swaged or crimped onto hose providing improved shank retention.
- When used with double bolt or band clamps, notched turn back nipples provide shank retention similar to that of the King™ turned back nipples.
- The stem can be removed from a damaged hose by cutting away the ferrule without necessarily damaging the fitting.



stems

Size	Carbon Steel		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
1½"	N150NO	\$31.50	RN150NO	\$80.60
2"	N200NO	35.55	RN200NO	92.70
2½"	N250NO	55.00	RN250NO	125.00
3"	N300NO	84.25	RN300NO	162.00
4"	N400NO	141.10	RN400NO	248.25

Special pushers required:

1½" stem - RN150NOPUSH

2" stem - RN200NOPUSH

2½" stem - RN250NOPUSH

3" stem - RN300NOPUSH

4" stem - RN400NOPUSH

ferrules

Hose ID	Hose OD		304 Stainless Steel	
	from	to	Part #	Price/E
1½"	1-60/64"	2-12/64"	GAS2334NO	\$34.80
1½"	2-4/64"	2-22/64"	GAS2370NO	38.35
2"	2-30/64"	2-44/64"	GAS2709NO	31.80
2"	2-42/64"	2-54/64"	GAS2885NO	69.55
2½"	2-54/64"	3"	GAS3012NO	64.50
2½"	3-1/64"	3-13/64"	GAS3260NO	68.80
3"	3-30/64"	3-46/64"	GAS3760NO	45.40
3"	3-47/64"	3-54/64"	GAS3885NO	62.10
4"	4-40/64"	4-47/64"	GAS5010NO	258.75



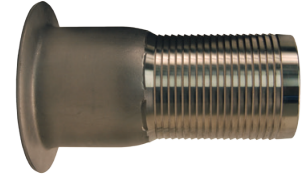
Dixon™ stems and ferrules are specifically designed to be used together as a coupling system. Due to differences in dimensions and tolerances for safety reasons, do not use other manufacturer's stems or ferrules with Dixon™ Holedall™ products.

King™ Turned Back Hose Nipples for Floating Flanges

Features:

- A turned back nipple, when used in a floating flange assembly, allows the flange to be aligned without stressing (twisting) the hose. This generally increases the hose's service life by eliminating a common cause of premature hose failure.
- for use with Lap Joint flanges shown on page 726

Size	Plated Carbon Steel		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
1"	N10	\$49.30	RN10	\$119.40
1¼"	N15	49.80	RN15	148.30
1½"	N20	78.20	RN20	152.35
2"	N25	84.70	RN25	203.70
2½"	N30	113.30	RN30	381.20
3"	N35	98.15	RN35	311.50
4"	N40	156.50	RN40	457.60
6"	N60	254.00	RN60	916.70
8"	N80	375.00	RN80	1485.00
10"	N100	630.00	RN100	POR
12"	N120	1035.00	RN120	POR

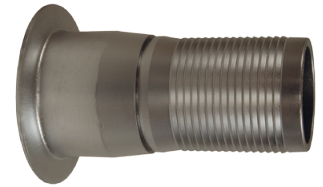


King Crimp™ Nipples for Floating Flanges

Feature:

- to be used with King Crimp™ sleeves and/or ferrules

Size	Plated Carbon Steel		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
2"	N25CS	\$134.85	RN25CS	\$225.00
3"	N35CS	189.35	RN35CS	345.00
4"	N40CS	244.20	RN40CS	457.60
6"	N60CS	496.55	RN60CS	1115.00



King™ Turned Back Weld-To-Metal Hose Nipples

Features:

- MSS Type C
- for use with Slip-On and Lap Joint flanges shown on page 726

Size	Length	Phono-Finish Face Schedule 40 Plated Carbon Steel		Phono-Finish Face Schedule 10 304 Stainless Steel		Smooth Face Schedule 10 304 Stainless Steel	
		Part #	Price/E	Part #	Price/E	Part #	Price/E
		¾"	2"	NW5	\$26.00	GNW5	\$32.00	GNWP5	$16.30
1"	2"	NW10	27.05	GNW10	32.65	GNWP10	20.80
1¼"	2"	NW15	41.15	GNW15	50.00	GNWP15	60.10
1½"	2"	NW20	37.70	GNW20	57.00	GNWP20	22.80
2"	2½"	NW25	40.65	GNW25	70.05	GNWP25	28.15
2½"	2½"	NW30	54.00	GNW30	80.00	GNWP30	35.50
3"	2½"	NW35	58.65	GNW35	88.85	GNWP35	51.50
4"	3"	NW40	76.30	GNW40	108.25	GNWP40	55.50
6"	3½"	NW60	114.60	GNW60	255.00	GNWP60	194.80
8"	4"	NW80	146.65	GNW80	525.00	GNWP80	270.30
10"	5"	NW100	295.00	---	---	GNWP100	500.00
12"	6"	NW120	425.00	---	---	GNWP120	526.30



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150 LB. ASA Forged Flanges

Lap-Joint

Features:

- no raised face
- The lap joint flange is commonly called a Van Stone or a floating flange.

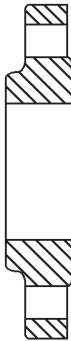


Size	Number of Bolts	Carbon Steel		316 Stainless Steel	
		Part #	Price/E	Part #	Price/E
1"	4	LJ100	\$35.00	---	---
1¼"	4	LJ125	35.00	---	---
1½"	4	LJ150	26.00	LJR150	\$71.50
2"	4	LJ200	27.55	LJR200	125.00
2½"	4	LJ250	60.00	---	---
3"	4	LJ300	45.00	LJR300	190.00
4"	8	LJ400	62.00	LJR400	275.00
5"	8	LJ500	78.00	---	---
6"	8	LJ600	89.00	LJR600	430.00
8"	8	LJ800	158.00	---	---
10"	12	LJ1000	196.00	---	---
12"	12	LJ1200	325.00	---	---

Slip-On

Feature:

- raised face



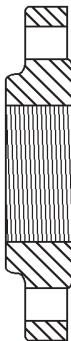
Size	Number of Bolts	Carbon Steel		316 Stainless Steel	
		Part #	Price/E	Part #	Price/E
1"	4	SO100	\$21.50	---	---
1¼"	4	SO125	28.00	---	---
1½"	4	SO150	22.70	SOR150	\$78.00
2"	4	SO200	25.25	SOR200	102.00
2½"	4	SO250	39.50	---	---
3"	4	SO300	41.00	SOR300	170.00
4"	8	SO400	58.00	SOR400	225.00
5"	8	SO500	90.15	---	---
6"	8	SO600	79.00	SOR600	350.00
8"	8	SO800	133.00	---	---
10"	12	SO1000	182.00	---	---
12"	12	SO1200	288.00	---	---

NPT Threaded

Feature:

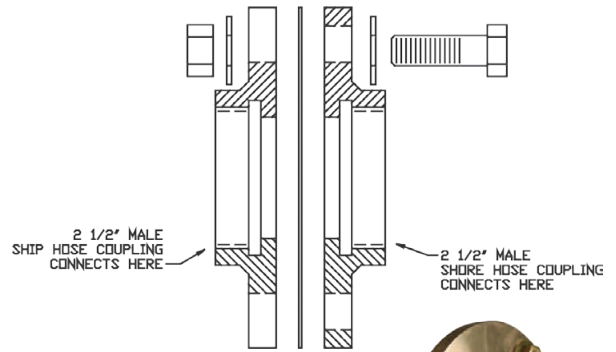
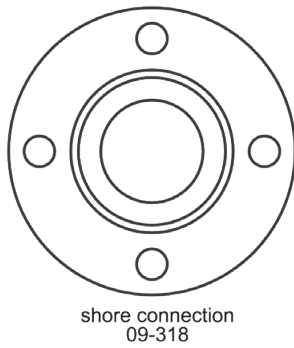
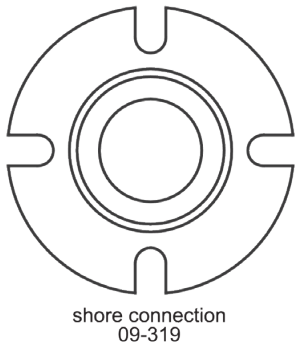
- raised face

R



Size	Number of Bolts	Carbon Steel		316 Stainless Steel	
		Part #	Price/E	Part #	Price/E
1"	4	T100	\$44.00	---	---
1¼"	4	T125	43.00	---	---
1½"	4	T150	39.00	TR150	\$99.00
2"	4	T200	42.00	TR200	135.00
2½"	4	T250	49.00	---	---
3"	4	T300	50.00	TR300	195.00
4"	8	T400	67.00	TR400	276.80
5"	8	T500	85.00	---	---
6"	8	T600	107.00	TR600	661.50
8"	8	T800	182.00	---	---
10"	12	T1000	520.00	---	---
12"	12	T1200	670.00	---	---

Brass International Shore Connections



Features:

- meets US Coast Guard specifications for vessels 1000 gross tons or more
- makes possible the connection of two different threads between ship and shore or between ships
- 7" OD brass flange with 4 3/4" holes
- includes 8 washers, 4 hexagon brass nuts, 4 hex head bolts, 1 washer, 1 fiber gasket
- working pressure: **300 PSI**
- standardly supplied with NST threads, also available in NPT and NYFD threads



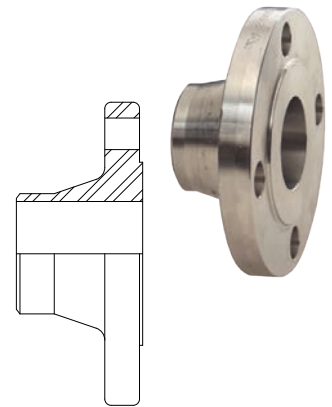
Description	Brass Part #	Price
shore side	09-318-00001	\$353.10
ship side	09-319-00001	353.10

150 LB. ASA Forged Flanges Weld Neck

Feature:

- raised face

Size	Carbon Steel	
	Part #	Price/E
1"	WN100	\$45.25
1 1/4"	WN125	47.00
1 1/2"	WN150	47.25
2"	WN200	53.00
3"	WN300	62.75
4"	WN400	74.50
5"	WN500	115.00
6"	WN600	113.00
8"	WN800	198.00
10"	WN1000	310.00



Flange Gaskets

Features:

- standard drop-ring type all 1/16" thick
- reference page 788 for joint sealant gasket material
- for dimensional information and diagrams, see pages 838 and 839

Size	Neoprene		Klingersil® C-4401	
	Part #	Price/E	Part #	Price/E
1"	NG10	\$1.60	AG10	\$2.80
1 1/4"	NG15	1.95	AG15	3.10
1 1/2"	NG20	1.95	AG20	3.20
2"	NG25	2.10	AG25	3.35
2 1/2"	NG30	2.80	AG30	4.10
3"	NG35	2.30	AG35	5.30
4"	NG40	3.20	AG40	6.40
5"	NG50	6.70	---	---
6"	NG60	4.15	AG60	9.85
8"	NG80	6.80	AG80	13.75



TTMA Series Flange Adapters

Features:

- provides a simple and easy way to quickly convert threaded components to a standard TTMA flange configuration
- more durable than welded fabrications due to the solid cast lightweight aluminum design
- design improves flow through adapter even on the 3" reducer
- compact size reduces the overall space needed to install
- for flange drilling standards, see page 839

Male Threaded



TTMA flange x standard male NPT

TTMA Flange	Male NPT	Aluminum	
		Part #	Price/E
3"	3"	TTF3AL-3MT	\$87.50
4"	3"	TTF4AL-3MT	65.90
4"	4"	TTF4AL-4MT	61.10

Extended Length - Male Threaded



TTMA flange x extended length male NPT

TTMA Flange	Male NPT	Aluminum	
		Part #	Price/E
4"	3"	TTF4AL-3EMT	\$87.50
4"	4"	TTF4AL-4EMT	102.15

Female Threaded



TTMA flange x female NPT

TTMA Flange	Female NPT	Aluminum	
		Part #	Price/E
4"	3"	TTF4AL-3FT	\$78.35
4"	4"	TTF4AL-4FT	78.05

Socket Weld



TTMA flange x socket weld

TTMA Flange	Socket Weld	Aluminum	
		Part #	Price/E
4"	4"	TTF400SP	\$67.00

R

Sight Flow Indicators Bronze

Applications:

- verifies flow and monitors color and clarity in fluid lines

Features:

- double window snap ring design
- bronze body
- ABS indicator
- tempered soda lime sight glass
- Buna-N seals
- maximum operating pressure: **125 PSI**
- maximum temperature: **200°F**
- made in the USA

**Female NPT x Female NPT**

Size	Overall Length	Width	Height	Bronze		Opt Qty
				Part #	Price/E	
1/2"	3-13/16"	2-7/16"	2-7/16"	SF1631-050	\$379.15	1
3/4"	3-13/16"	2-7/16"	2-7/16"	SF1631-075	405.10	1
1"	4-3/8"	3"	3-1/8"	SF1631-100	514.20	1
1 1/2"	4-5/8"	3-13/16"	4"	SF1631-150	784.25	1
2"	4-5/8"	3-13/16"	4"	SF1631-200	810.25	1

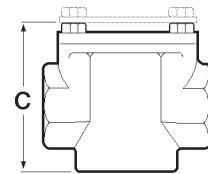
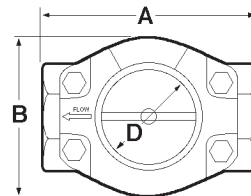
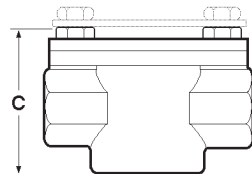
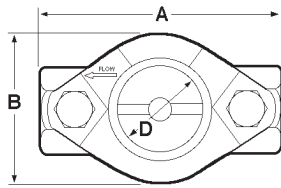
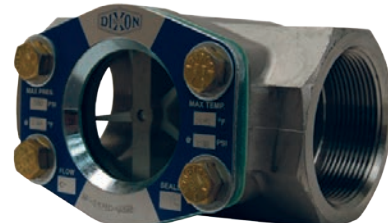
Stainless Steel

Applications:

- verifies flow and monitor color and clarity in fluid lines

Features:

- radial sealing method and bolt-on body design provides years of reliable service with no torquing maintenance required
- white acetal resin, 40% glass filled propeller style indicator is standard, best for observations at a distance or with opaque liquids ¹
- tempered soda lime sight glass ²
- FKM seals are standard ³
- maximum operating pressure: **200 PSI at 150°F**
- maximum temperature: **225°F at 150 PSI**
- made in the USA

**Female NPT x Female NPT ⁴**

Size	Overall Length A	Width B	Height C	Diameter of Sight Opening D	Weight	Stainless Steel		Opt Qty
						Part #	Price/E	
1/2"	3 3/4"	2"	2-3/8"	1 1/8"	1.4	SF1471-050	\$794.65	1
3/4"	4 1/4"	2-9/16"	3-1/4"	1 1/2"	3.0	SF1471-075	857.00	1
1"	4 1/4"	2-9/16"	3-1/4"	1 1/2"	2.7	SF1471-100	1080.30	1
1 1/2"	5 5/8"	3-5/16"	4-5/16"	2"	7.9	SF1471-150	1433.50	1
2"	5 5/8"	3-5/16"	4-5/16"	2"	6.6	SF1471-200	1687.95	1

¹ Plain, flapper or drip tube style indicators are available, as are PTFE indicators. Consult Dixon™ for price and availability.

² Special units with tempered Borosilicate glass are available. Consult Dixon™ for price and availability.

³ PTFE, EPR and Buna-N seals are available. Consult Dixon™ for price and availability.

⁴ 150# flanged units, as well as other metals, are also available. Consult Dixon™ for price and availability.

NPT Threaded Reducer Hex Bushings



Male NPT	Female NPT	150# Iron		150# Galvanized Iron		150# 316 Stain. Steel		3000# Forged Steel		125# Brass	
		Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/4"	1/8"	HB2518	\$4.50	HB2518G	\$6.45	HB2518SS	\$3.70	HB2518FS	\$4.80	HB1F2M	\$2.10
3/8"	1/8"	HB3818	4.50	---	---	---	---	---	---	HB1F3M	2.99
3/8"	1/4"	HB3825	4.50	HB3825G	6.45	HB3825SS	4.25	HB3825FS	4.80	HB2F3M	2.73
1/2"	1/8"	HB5018	4.50	---	---	---	---	---	---	HB1F4M	4.79
1/2"	1/4"	HB5025	4.50	HB5025G	6.45	HB5025SS	5.45	HB5025FS	4.90	HB2F4M	4.27
1/2"	3/8"	HB5038	4.50	HB5038G	6.45	HB5038SS	5.45	HB5038FS	4.90	HB3F4M	3.61
3/4"	1/8"	HB7518	4.40	---	---	---	---	---	---	HB1F6M	7.70
3/4"	1/4"	HB7525	4.40	HB7525G	6.65	HB7525SS	8.10	HB7525FS	5.95	HB2F6M	7.85
3/4"	3/8"	HB7538	4.40	HB7538G	7.40	HB7538SS	8.10	HB7538FS	5.95	HB3F6M	6.95
3/4"	1/2"	HB7550	4.05	HB7550G	6.00	HB7550SS	8.65	HB7550FS	5.95	HB4F6M	7.20
1"	1/8"	HB1018	5.10	---	---	---	---	---	---	---	---
1"	1/4"	HB1025	5.45	HB1025G	7.90	HB1025SS	12.20	HB1025FS	9.50	HB2F8M	15.50
1"	3/8"	HB1038	5.60	HB1038G	12.40	HB1038SS	11.85	HB1038FS	9.50	HB3F8M	14.86
1"	1/2"	HB1050	4.20	HB1050G	7.15	HB1050SS	11.45	HB1050FS	9.50	HB4F8M	14.08
1"	3/4"	HB1075	4.20	HB1075G	6.75	HB1075SS	11.45	HB1075FS	9.50	HB6F8M	11.60
1 1/4"	1/2"	HB1250	6.00	---	---	---	---	---	---	---	---
1 1/4"	3/4"	HB1275	5.40	---	---	HB1275SS	20.50	HB1275FS	15.60	---	---
1 1/4"	1"	HB1210	5.40	HB1210G	9.15	HB1210SS	20.50	HB1210FS	15.60	HB1210B	21.60
1 1/2"	1/2"	HB1550	6.85	---	---	---	---	---	---	---	---
1 1/2"	3/4"	HB1575	6.85	HB1575G	13.25	HB1575SS	24.15	HB1575FS	17.70	HB1575B	33.75
1 1/2"	1"	HB1510	6.00	HB1510G	11.90	HB1510SS	24.15	HB1510FS	17.70	HB1510B	27.60
1 1/2"	1 1/4"	HB1512	6.85	HB1512G	11.00	HB1512SS	24.15	HB1512FS	17.70	HB1512B	27.60
2"	1/2"	HB2050	10.30	HB2050G	16.50	---	---	---	---	HB2050B	49.50
2"	3/4"	HB2075	8.75	HB2075G	15.40	HB2075SS	35.90	HB2075FS	26.85	HB2075B	49.50
2"	1"	HB2010	8.20	HB2010G	14.50	HB2010SS	35.90	HB2010FS	26.85	HB2010B	49.15
2"	1 1/4"	HB2012	8.20	HB2012G	14.50	HB2012SS	35.90	HB2012FS	26.85	HB2012B	40.90
2"	1 1/2"	HB2015	9.15	HB2015G	12.75	HB2015SS	38.40	HB2015FS	26.85	HB2015B	40.90
2 1/2"	1 1/2"	HB2515	13.80	---	---	---	---	---	---	HB2515B	84.25
2 1/2"	2"	HB2520	13.75	HB2520G	20.80	HB2520SS	64.40	HB2520FS	85.00	HB2520B	82.00
3"	1"	HB3010	20.60	---	---	---	---	---	---	---	---
3"	1 1/2"	HB3015	20.20	---	---	---	---	---	---	---	---
3"	2"	HB3020	18.90	HB3020G	28.00	HB3020SS	94.40	HB3020FS	135.20	HB3020B	123.75
3"	2 1/2"	HB3025	19.10	---	---	HB3025SS	92.15	HB3025FS	135.20	HB3025B	123.65
4"	1"	HB4010	39.40	---	---	---	---	---	---	---	---
4"	1 1/2"	HB4015	39.40	---	---	---	---	---	---	---	---
4"	2"	HB4020	37.25	HB4020G	58.25	HB4020SS	162.00	---	---	HB4020B	371.15
4"	2 1/2"	HB4025	37.25	---	---	---	---	---	---	---	---
4"	3"	HB4030	37.25	HB4030G	61.75	HB4030SS	162.00	HB4030FS	291.20	HB4030B	283.45
5"	4"	HB5040	68.00	---	---	---	---	---	---	---	---
6"	3"	HB6030	98.50	---	---	---	---	---	---	---	---
6"	4"	HB6040	98.50	---	---	---	---	---	---	---	---

R

NPT Threaded Reducing Union



Female NPT	Female NPT	150# Iron	
		Part #	Price/E
3/4"	1/2"	MIRU7550	\$21.50

NPT Threaded Unions



Features:

- other sizes are also available
- 304 stainless steel fittings are also available, consult Dixon™ for pricing and availability

Female NPT	300# Iron		150# Iron		150# Galvanized Iron		150# 316 Stain. Steel		3000# Forged Steel		125# Brass	
	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/8"	---	---	MIU18	\$18.10	---	---	---	---	---	---	---	---
1/4"	---	---	MIU25	17.20	---	---	TUN025SS	\$19.20	---	---	TUN2F	\$27.50
3/8"	---	---	MIU38	11.60	TUN038G	\$13.75	TUN038SS	22.50	---	---	TUN3F	27.50
1/2"	300MIU50	\$29.30	MIU50	11.10	TUN050G	13.90	TUN050SS	21.25	TUN050FS	\$27.60	TUN4F	29.90
3/4"	300MIU75	32.45	MIU75	13.25	TUN075G	16.50	TUN075SS	27.00	TUN075FS	33.05	TUN5F	41.00
1"	300MIU100	42.35	MIU100	17.30	TUN100G	20.50	TUN100SS	41.40	TUN100FS	43.20	TUN6F	54.50
1 1/4"	---	---	MIU125	22.90	TUN125G	27.80	TUN125SS	70.00	---	---	TUN7F	79.50
1 1/2"	300MIU150	72.25	MIU150	28.00	TUN150G	35.75	TUN150SS	79.00	TUN150FS	83.75	TUN8F	94.70
2"	---	---	MIU200	42.25	TUN200G	47.60	TUN200SS	101.90	TUN200FS	108.95	TUN9F	145.00
2 1/2"	---	---	MIU250	102.00	---	---	---	---	---	---	---	---
3"	300MIU300	373.25	MIU300	123.75	---	---	---	---	---	---	---	---
4"	---	---	MIU400	306.00	---	---	---	---	---	---	---	---

NPT Threaded Bell Reducers



Features:

- other sizes are also available
- 304 stainless steel fittings are also available, consult Dixon™ for pricing and availability

Female NPT	Female NPT	300# Iron		150# Iron		150# Galvanized Iron		150# 316 Stain. Steel		3000# Forged Steel		125# Brass	
		Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/4"	1/8"	---	---	BR1418	\$4.05	---	---	---	---	---	---	RC2F1F²	\$4.80
3/8"	1/8"	---	---	BR3818	4.05	---	---	---	---	---	---	RC3F1F	6.44
3/8"	1/4"	---	---	BR3825	4.05	---	---	BR3825SS	\$6.80	---	---	RC3F2F²	5.34
1/2"	1/4"	300BR5025	\$25.15	BR5025	3.70	BR5025G	\$4.60	BR5025SS	9.25	---	---	RC4F2F²	7.32
1/2"	3/8"	---	---	BR5038	3.50	BR5038G	4.30	BR5038SS	8.60	BR5038FS	\$14.60	BR5038B¹	10.50
3/4"	1/4"	---	---	BR7525	4.60	---	---	---	---	---	---	---	---
3/4"	3/8"	---	---	BR7538	4.60	---	---	BR7538SS	11.85	---	---	RC6F3F	11.91
3/4"	1/2"	300BR7550	25.70	BR7550	4.00	BR7550G	5.00	BR7550SS	11.10	BR7550FS	37.45	BR7550B¹	15.50
1"	1/4"	---	---	BR1025	7.10	---	---	---	---	---	---	---	---
1"	3/8"	---	---	BR1038	7.20	---	---	---	---	---	---	---	---
1"	1/2"	---	---	BR1050	6.25	BR1050G	8.35	BR1050SS	16.80	---	---	BR1050B	26.00
1"	3/4"	300BR1075	30.70	BR1075	6.25	BR1075G	7.75	BR1075SS	16.80	BR1075FS	22.65	BR1075B	25.40
1 1/4"	1/2"	---	---	BR1250	8.95	---	---	---	---	---	---	---	---
1 1/4"	3/4"	---	---	BR1275	7.80	---	---	---	---	---	---	---	---
1 1/4"	1"	300BR1210	40.35	BR1210	7.80	BR1210G	10.60	BR1210SS	22.00	---	---	BR1210B	41.00
1 1/2"	3/4"	---	---	BR1575	12.90	---	---	---	---	---	---	BR1575B	64.60
1 1/2"	1"	300BR1510	55.35	BR1510	11.40	BR1510G	13.70	BR1510SS	29.25	BR1510FS	40.60	BR1510B	51.70
1 1/2"	1 1/4"	300BR1512	62.95	BR1512	9.85	BR1512G	12.90	BR1512SS	29.25	BR1512FS	40.60	---	---
2"	3/4"	---	---	BR2075	16.30	---	---	---	---	---	---	---	---
2"	1"	300BR2010	80.20	BR2010	15.40	BR2010G	18.60	BR2010SS	49.50	BR2010FS	58.90	BR2010B	86.50
2"	1 1/4"	300BR2012	94.50	BR2012	16.30	---	---	---	---	---	---	---	---
2"	1 1/2"	300BR2015	119.60	BR2015	14.25	BR2015G	18.65	BR2015SS	49.95	BR2015FS	58.90	BR2015B	77.00
2 1/2"	1"	---	---	BR2510	41.50	---	---	---	---	---	---	---	---
2 1/2"	1 1/2"	---	---	BR2515	42.40	---	---	---	---	---	---	---	---
2 1/2"	2"	---	---	BR2520	36.40	BR2520G	57.75	---	---	---	---	BR2520B	134.50
3"	1"	---	---	BR3010	57.75	---	---	---	---	---	---	---	---
3"	1 1/4"	---	---	BR3012	61.80	---	---	---	---	---	---	---	---
3"	1 1/2"	---	---	BR3015	56.50	---	---	---	---	---	---	---	---
3"	2"	---	---	BR3020	47.00	BR3020G	72.25	BR3020SS	146.00	---	---	BR3020B	180.20
3"	2 1/2"	---	---	BR3025	56.50	BR3025G	76.50	---	---	---	---	---	---
4"	1"	---	---	BR4010	113.50	---	---	---	---	---	---	---	---
4"	1 1/2"	---	---	BR4015	114.00	---	---	---	---	---	---	---	---
4"	2"	---	---	BR4020	114.00	---	---	---	---	---	---	---	---
4"	2 1/2"	---	---	BR4025	114.00	---	---	---	---	---	---	---	---
4"	3"	---	---	BR4030	114.00	BR4030G	165.75	---	---	---	---	BR4030B	428.25
6"	3"	---	---	BR6030	285.00	---	---	---	---	---	---	---	---
6"	4"	---	---	BR6040	285.00	---	---	---	---	---	---	---	---

¹ items will be discontinued as stock is depleted

² sizes are manufactured from bar stock

NPT Threaded Couplings - Both Ends



Female NPT	300# Iron		150# Iron		150# Galvanized Iron		150# 316 Stain.Steel		3000# Forged Steel		125# Brass	
	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/8"	---	---	RHC18	\$4.95	RHC18G	\$5.75	---	---	---	---	---	---
1/4"	300RHC25	\$15.80	RHC25	4.20	RHC25G	5.35	RHC25SS	\$4.55	RHC25FS	\$7.55	RHC25B	\$8.55
3/8"	300RHC38	15.80	RHC38	4.20	RHC38G	5.35	RHC38SS	5.70	RHC38FS	7.55	RHC38B	7.75
1/2"	300RHC50	17.65	RHC50	3.40	RHC50G	4.30	RHC50SS	7.65	RHC50FS	6.50	RHC50B	9.65
3/4"	300RHC75	20.25	RHC75	4.00	RHC75G	4.95	RHC75SS	11.35	RHC75FS	8.35	RHC75B	12.70
1"	300RHC100	23.20	RHC100	6.05	RHC100G	8.15	RHC100SS	15.85	RHC100FS	14.85	RHC100B	19.25
1 1/4"	300RHC125	27.55	RHC125	7.80	RHC125G	11.25	RHC125SS	21.15	RHC125FS	24.65	RHC125B	31.00
1 1/2"	300RHC150	41.25	RHC150	10.40	RHC150G	12.80	RHC150SS	29.65	RHC150FS	31.75	RHC150B	40.90
2"	300RHC200	59.40	RHC200	15.10	RHC200G	18.60	RHC200SS	43.70	RHC200FS	38.00	RHC200B	67.30
2 1/2"	---	---	RHC250	41.00	---	---	---	---	---	---	---	---
3"	---	---	RHC300	55.75	RHC300G	76.00	RHC300SS	114.40	---	---	---	---
4"	---	---	RHC400	111.00	RHC400G	161.50	RHC400SS	177.75	---	---	---	---
5"	---	---	RHC500	436.90	---	---	---	---	---	---	---	---
6"	---	---	RHC600	297.75	---	---	---	---	---	---	---	---

NPT Threaded 90° Threaded Elbows



forged steel



brass

Features:

- other sizes are also available
- 304 stainless steel fittings are also available, consult Dixon™ for pricing and availability

Female NPT	300# Iron		150# Iron		150# Galvanized Iron		150# 316 Stain. Steel		2000# Forged Steel		125# Brass	
	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/8"	---	---	EL9018	\$3.55	EL9018G	\$4.85	EL9018SS	\$6.40	---	---	EL1F1F¹	\$4.50
1/4"	300EL9025	\$17.55	EL9025	3.35	EL9025G	4.60	EL90025SS	6.40	EL9025FS	\$20.80	EL2F2F¹	7.11
3/8"	300EL9038	15.60	EL9038	3.35	EL9038G	4.60	EL90038SS	7.80	EL9038FS	20.80	EL3F3F¹	9.69
1/2"	300EL9050	20.15	EL9050	2.50	EL9050G	3.05	EL90050SS	8.60	EL9050FS	15.90	EL4F4F¹	17.85
3/4"	300EL9075	22.80	EL9075	3.05	EL9075G	3.65	EL90075SS	12.50	EL9075FS	19.80	EL6F6F¹	26.50
1"	300EL90100	30.80	EL90100	5.35	EL90100G	6.85	EL90100SS	17.60	EL90100FS	28.60	EL90100B	24.50
1 1/4"	300EL90125	42.45	EL90125	8.65	EL90125G	10.50	EL90125SS	26.80	EL90125FS	57.50	---	---
1 1/2"	300EL90150	50.05	EL90150	11.40	EL90150G	13.90	EL90150SS	35.90	EL90150FS	73.00	EL90150B	48.00
2"	300EL90200	72.00	EL90200	19.50	EL90200G	23.10	EL90200SS	47.35	EL90200FS	92.05	EL90200B	78.00
2 1/2"	---	---	EL90250	42.30	---	---	---	---	---	---	---	---
3"	---	---	EL90300	63.00	EL90300G	96.90	EL90300SS	149.00	---	---	---	---
4"	---	---	EL90400	134.00	EL90400G	167.50	EL90400SS	251.00	---	---	---	---
5"	---	---	EL90500	298.00	---	---	---	---	---	---	---	---
6"	---	---	EL90600	502.00	---	---	---	---	---	---	---	---

¹ The picture for sizes 1/8" - 3/4" can be found on page 345, both are functionally the same.

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NPT Threaded 90° Street Elbows

Features:

- other sizes are also available
- 304 stainless steel fittings are also available, *consult Dixon™ for pricing and availability*



150# iron



forged steel



brass

Male NPT	Female NPT	150# Iron		150# Galvanized Iron		150# 316 Stain. Steel		3000# Forged Steel		125# Brass	
		Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/8"	1/8"	SE9018	\$5.05	SE9018G	\$6.55	SE9018SS	\$8.60	---	---	SE1F1M¹	\$4.41
1/4"	1/4"	SE9025	5.05	SE9025G	6.30	SE9025SS	8.75	SE9025FS	\$31.20	SE2F2M¹	7.03
3/8"	3/8"	SE9038	5.05	SE9038G	6.30	SE9038SS	10.80	SE9038FS	30.70	SE3F3M¹	9.71
1/2"	1/2"	SE9050	5.20	SE9050G	6.50	SE9050SS	12.70	SE9050FS	30.70	SE4F4M¹	17.35
3/4"	3/4"	SE9075	5.05	SE9075G	6.30	SE9075SS	16.70	SE9075FS	38.00	SE9075B	20.50
1"	1"	SE9010	7.30	SE9010G	8.60	SE9010SS	26.75	SE9010FS	51.50	SE9010B	33.75
1 1/4"	1 1/4"	SE9012	11.10	SE9012G	14.40	SE9012SS	39.75	SE9012FS	91.80	SE9012B	51.70
1 1/2"	1 1/2"	SE9015	14.90	SE9015G	17.80	SE9015SS	52.00	SE9015FS	111.05	SE9015B	67.50
2"	2"	SE9020	24.00	SE9020G	30.75	SE9020SS	64.00	SE9020FS	162.95	SE9020B	114.50
2 1/2"	2 1/2"	SE90250	59.50	---	---	---	---	---	---	---	---
3"	3"	SE90300	90.75	SE9030G	126.00	---	---	---	---	---	---
4"	4"	SE90400	147.80	---	---	---	---	---	---	---	---
6"	6"	SE90600	486.60	---	---	---	---	---	---	---	---

¹ The picture for sizes 1/8" - 1/2" can be found on page 345, both are functionally the same.

NPT Threaded Reducing Elbows

Feature:

- other sizes are also available, consult Dixon™ for pricing and availability

Female NPT	Female NPT	150# Iron	
		Part #	Price/E
1/4"	1/8"	REL2518	\$6.55
1/2"	1/4"	REL5025	4.70
1/2"	3/8"	REL5038	4.60
3/4"	1/2"	REL7550	4.75
1"	1/2"	REL1050	6.45
1"	3/4"	REL1075	6.10
1 1/4"	1"	REL1210	9.90
1 1/2"	1"	REL1510	16.25
1 1/2"	1 1/4"	REL1525	16.25
2"	1"	REL2010	23.40
2"	1 1/2"	REL2015	20.60
2 1/2"	2"	REL2520	56.30
3"	2"	REL3020	91.00
4"	2"	REL4020	156.00
4"	3"	REL4030	156.00



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NPT Threaded 45° Street Elbows



Size	150# Iron		150# Galvanized Iron	
	Part #	Price/E	Part #	Price/E
1/8"	SE4518	\$7.85	---	---
1/4"	SE4525	5.90	SE4525G	\$7.75
3/8"	SE4538	6.65	---	---
1/2"	SE4550	5.35	SE4550G	6.80
3/4"	SE4575	8.25	SE4575G	11.10
1"	SE45100	9.55	---	---
1 1/4"	SE45125	16.50	SE45125G	20.50
1 1/2"	SE45150	20.50	SE45150G	24.75
2"	SE45200	34.60	SE45200G	42.50
2 1/2"	SE45250	73.50	SE45250G	100.00
3"	SE45300	112.60	SE45300G	149.50
4"	SE45400	211.00	SE45400G	243.10

NPT Threaded 45° Threaded Elbows



Female NPT	150# Iron
	Part # Price/E
1/8"	EL4518 \$5.10
1/4"	EL4525 5.20
3/8"	EL4538 4.70
1/2"	EL4550 4.10
3/4"	EL4575 5.00
1"	EL45100 6.35
1 1/4"	EL45125 11.10
1 1/2"	EL45150 13.75
2"	EL45200 20.75
2 1/2"	EL45250 58.40
3"	EL45300 75.90
4"	EL45400 147.25
5"	EL45500 488.25
6"	EL45600 502.00

NPT Threaded Female Tees



150# iron



forged steel

Female NPT	300# Iron		150# Iron		150# Galvanized Iron		150# 316 Stain. Steel		2000# Forged Steel		125# Brass	
	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/8"	---	---	FT18	\$5.55	---	---	---	---	---	---	322-0202 ¹	\$5.00
1/4"	300FT25	\$22.05	FT25	5.05	FT25G	\$6.00	FT25SS	\$8.00	FT25FS	\$25.30	322-0404 ¹	8.60
3/8"	300FT38	23.35	FT38	5.05	FT38G	6.00	FT38SS	10.60	---	---	322-0606 ¹	11.61
1/2"	300FT50	29.70	FT50	3.30	FT50G	3.70	FT50SS	11.20	FT50FS	22.80	322-0808 ¹	22.28
3/4"	---	---	FT75	4.65	FT75G	6.20	FT75SS	16.50	FT75FS	30.50	FT75B	19.40
1"	300FT10	38.60	FT10	8.20	FT100G	10.10	FT10SS	23.40	FT100FS	39.25	FT10B	34.50
1 1/4"	300FT120	55.30	FT120	13.30	FT120G	16.00	FT120SS	41.00	FT120FS	78.65	---	---
1 1/2"	---	---	FT15	16.50	FT150G	20.00	FT150SS	50.00	FT150FS	91.80	FT15B	66.10
2"	300FT200	95.15	FT200	28.00	FT200G	33.30	FT200SS	65.00	FT200FS	119.60	FT20B	108.25
2 1/2"	---	---	FT250	57.70	---	---	---	---	---	---	---	---
3"	---	---	FT30	86.60	FT300G	104.90	---	---	---	---	---	---
4"	---	---	FT40	203.40	FT400G	247.90	---	---	---	---	---	---
5"	---	---	FT500	548.25	---	---	---	---	---	---	---	---
6"	---	---	FT60	581.10	---	---	---	---	---	---	---	---

¹ The picture for sizes 1/8" - 1/2" can be found on page 345, both are functionally the same.

NPT Threaded Side Outlet Elbows

Female NPT	150# Iron	
	Part #	Price/E
1/8"	SOE18	\$11.10
1/4"	SOE25	11.10
3/8"	SOE38	11.10
1/2"	SOE50	11.10
3/4"	SOE75	11.90
1"	SOE100	30.45
1 1/4"	SOE120	37.50
1 1/2"	SOE150	35.65
2"	SOE200	68.50



NPT Threaded Female Reducing Tees

Female NPT	Female NPT	150# Iron	
		Part #	Price/E
3/8"	1/4"	FRT3825	\$6.75
1/2"	3/8"	FRT5038	7.00
3/4"	1/2"	FRT7550	7.15
1"	1/2"	FRT1050	9.15
1 1/4"	1"	FRT1210	14.50
1 1/2"	1"	FRT1510	18.30
2"	1"	FRT2010	28.70
2"	1 1/2"	FRT2015	30.25
3"	2"	FRT3020	100.25



NPT Threaded Street Service Tees

NPT	150# Iron	
	Part #	Price/E
1/2"	SST50	\$11.75
3/4"	SST75	15.90
1"	SST100	21.00
1 1/2"	SST150	48.00



NPT Threaded Bull Head Tees

Female NPT	Female NPT	150# Iron	
		Part #	Price/E
1/2"	3/4"	BHT1575	\$8.15
1/2"	1"	BHT1510	11.90
3/4"	1"	BHT7510	10.40
1"	1 1/2"	BHT1015	28.75
1"	2"	BHT1020	35.20
1 1/2"	2"	BHT1520	35.20
2"	2 1/2"	BHT2025	75.25



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NPT Threaded Side Outlet Tees

Female NPT	150# Iron	
	Part #	Price/E
1/2"	SOT50	\$14.40
3/4"	SOT75	26.00
1"	SOT100	33.65
1 1/4"	SOT120	68.00
1 1/2"	SOT150	75.35
2"	SOT200	76.50



NPT Threaded Crosses



Female NPT	Part #	Price/E
1/8"	MIC18	\$12.10
1/4"	MIC25	10.30
3/8"	MIC38	10.50
1/2"	MIC50	11.90
3/4"	MIC75	14.50
1"	MIC100	17.90
1 1/4"	MIC125	29.00
1 1/2"	MIC150	36.00
2"	MIC200	59.50
2 1/2"	MIC250	105.00
3"	MIC300	156.50
4"	MIC400	319.50

NPT Threaded Caps



Features:

- other sizes are also available
- 304 stainless steel fittings are also available, *consult Dixon™ for pricing and availability*

Female NPT	300# Iron		150# Iron		150# Galvanized Iron		150# 316 Stainless Steel	
	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/8"	---	---	MICAP18	\$3.30	---	---	SSCAP18	\$3.35
1/4"	---	---	MICAP25	3.30	---	---	SSCAP25	4.10
3/8"	---	---	MICAP38	3.30	---	---	SSCAP38	4.90
1/2"	300MICAP50	\$16.10	MICAP50	2.50	MICAP50G	\$3.20	SSCAP50	5.60
3/4"	300MICAP75	20.25	MICAP75	3.40	MICAP75G	4.60	SSCAP75	7.40
1"	300MICAP100	26.60	MICAP100	4.10	---	---	SSCAP10	9.85
1 1/4"	300MICAP125	29.45	MICAP120	5.35	---	---	SSCAP12	19.50
1 1/2"	300MICAP150	43.05	MICAP150	7.30	---	---	SSCAP15	25.00
2"	300MICAP200	59.75	MICAP200	9.55	MICAP200G	11.80	SSCAP20	36.75
2 1/2"	---	---	MICAP250	23.70	---	---	---	---
3"	---	---	MICAP300	35.20	---	---	---	---
4"	---	---	MICAP400	55.00	---	---	---	---
5"	---	---	MICAP500	115.50	---	---	---	---
6"	---	---	MICAP600	219.50	---	---	---	---

NPT Threaded Square Head Plugs



Feature:

- forged steel plugs are solid, all others are cored

Male NPT	150# Iron		150# Galvanized Iron		150# 316 Stain. Steel		3000# Forged Steel		125# Brass	
	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/8"	SHP18	\$2.15	SHP18G	\$3.30	SHP18SS	\$3.20	---	---	211-0200C¹	\$2.41
1/4"	SHP14	2.15	SHP14G	3.50	SHP14SS	3.40	SHP14FS	\$3.55	211-0400C¹	4.00
3/8"	SHP38	2.15	SHP38G	3.50	SHP38SS	3.90	SHP38FS	3.65	211-0600C¹	6.00
1/2"	SHP50	2.30	SHP50G	4.40	SHP50SS	5.50	SHP50FS	3.80	211-0800C¹	10.88
3/4"	SHP75	2.30	SHP75G	4.40	SHP75SS	6.75	SHP75FS	4.75	211-1200C¹	16.78
1"	SHP100	2.90	SHP100G	4.85	SHP100SS	8.75	SHP100FS	7.30	SHP100B	16.50
1 1/4"	SHP125	3.65	SHP125G	7.45	SHP125SS	20.00	---	---	---	---
1 1/2"	SHP150	5.05	SHP150G	10.00	SHP150SS	22.00	SHP150FS	17.20	SHP150B	23.00
2"	SHP200	7.20	SHP200G	12.75	SHP200SS	30.50	SHP200FS	19.90	---	---
2 1/2"	SHP250	13.10	SHP250G	24.80	SHP250SS	49.00	---	---	---	---
3"	SHP300	18.00	SHP300G	35.25	SHP300SS	59.50	SHP300FS	118.05	---	---
4"	SHP400	37.80	SHP400G	73.10	SHP400SS	131.00	---	---	---	---
5"	SHP500	81.00	---	---	---	---	---	---	---	---
6"	SHP600	131.70	SHP600G	145.10	---	---	---	---	---	---

¹ lead free brass per NSF 372

Reducer Hex Nipples

Feature:

- ref SAE 130137

Male NPTF	Brass		Opt Qty
	Part #	Price/E	
1/4" x 1/8"	HN2M1M	\$3.24	100
3/8" x 1/8"	HN3M1M	4.68	50
3/8" x 1/4"	HN3M2M	4.05	50
1/2" x 1/4"	HN4M2M	5.50	50
1/2" x 3/8"	HN4M3M	5.57	50
3/4" x 1/2"	HN6M4M	8.65	25



Hex Nipples

Feature:

- ref SAE 130137

Male NPTF	Brass		Opt Qty
	Part #	Price/E	
1/8" x 1/8"	BCN12	\$2.53	100
1/4" x 1/4"	BCN25	2.81	100
3/8" x 3/8"	BCN37	4.09	50
1/2" x 1/2"	BCN50	5.70	25
3/4" x 3/4"	BCN75	7.50	20
1" x 1"	BCN100	18.00	10



Threaded Adapters

Female NPTF	Male NPTF	Brass		Opt Qty
		Part #	Price/E	
1/8"	1/8"	RA1F1M	\$3.83	100
1/4"	1/4"	RA2F2M	4.36	50
3/8"	3/8"	RA3F3M	5.61	50
1/2"	1/2"	RA4F4M	7.73	25
3/4"	3/4"	RA6F6M	13.61	10
1/4"	1/8"	RA2F1M	3.90	50
3/8"	1/8"	RA3F1M	4.82	50
3/8"	1/4"	RA3F2M	4.75	50
1/2"	1/4"	RA4F2M	7.05	25
1/2"	3/8"	RA4F3M	6.21	25
3/4"	3/8"	RA6F3M	11.29	10
3/4"	1/2"	RA6F4M	10.65	10



Female Hex Couplings

Feature:

- ref SAE 130138

Male NPTF	Brass		Opt Qty
	Part #	Price/E	
1/8" x 1/8"	BA1F1F	\$3.14	25
1/4" x 1/4"	BA2F2F	4.85	25
3/8" x 3/8"	BA3F3F	5.70	25
1/2" x 1/2"	BA4F4F	8.70	25
3/4" x 3/4"	BA6F6F	15.38	10



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Reducer Couplings

Feature:

- ref SAE 130138



Female NPTF	Brass		Opt Qty
	Part #	Price/E	
1/4" x 1/8"	RC2F1F	\$4.80	50
3/8" x 1/8"	RC3F1F	6.44	50
3/8" x 1/4"	RC3F2F	5.34	50
1/2" x 1/4"	RC4F2F	7.32	25
1/2" x 3/8"	RC4F3F	7.09	10
3/4" x 3/8"	RC6F3F	11.91	10
3/4" x 1/2"	RC6F4F	11.66	10

Hex Pipe Caps



Female NPT	Brass		Opt Qty
	Part #	Price/E	
1/8"	213-0200	\$2.30	50
1/4"	213-0400 ¹	3.62	100
3/8"	213-0600 ¹	6.17	25
1/2"	213-0800 ¹	10.38	25
3/4"	213-1200	10.97	25

¹ Lead Free per NSF/ANSI 372

Hex Head Plugs

Feature:

- hex head plug is hollow



Male NPT	Brass		Opt Qty
	Part #	Price/E	
1/8"	HHP1M	\$2.04	50
1/4"	HHP2M	1.87	100
3/8"	HHP3M	2.60	25
1/2"	HHP4M	4.42	25
3/4"	HHP6M	6.62	25
1"	HHP8M	13.10	10

NEW

Pump Adapters

Features:

- used to convert MBSP pump outlets to MNPT
- hard-coated, extruded 6061-T6 aircraft aluminum alloy
- other sizes, configurations are available, contact Dixon™



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Female BSP	Male NPT	Aluminum	
		Part #	Price/E
1 1/2"	1 1/2"	AHA15BSP15T	\$105.70
2"	2"	AHA20BSP20T	138.50
3"	3"	AHA30BSP30T	207.05
4"	4"	AHA40BSP40T	286.40

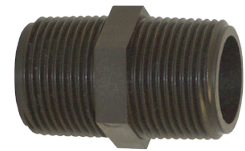
Schedule 80 Threaded Polypropylene Fittings Reducer Bushings

Male NPT	Female NPT	Polypropylene	
		Part #	Price/E
1/2"	1/4"	62267	\$3.35
3/4"	1/2"	62272	3.35
1"	1/2"	62275	3.60
1"	3/4"	62276	3.60
1 1/4"	3/4"	62277	3.70
1 1/4"	1"	62278	3.70
1 1/2"	3/4"	62279	5.35
1 1/2"	1"	62280	5.35
1 1/2"	1 1/4"	62281	5.35
2"	3/4"	62195	6.15
2"	1"	62196	6.15
2"	1 1/4"	62197	6.15
2"	1 1/2"	62198	6.15
3"	2"	60330	18.50



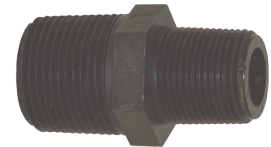
Hex Nipples

Male NPT	Polypropylene	
	Part #	Price/E
1/2"	62221	\$1.90
3/4"	60554	3.05
1"	60555	3.60
1 1/4"	60556	3.70
1 1/2"	60547	5.25
2"	60548	5.90
3"	61769	20.00



Reducer Nipples

Male NPT	Male NPT	Polypropylene	
		Part #	Price/E
3/4"	1/2"	62233	\$2.90
1"	3/4"	62234	3.35
1 1/4"	1"	62235	3.90
1 1/2"	1 1/4"	62236	4.25
2"	1 1/2"	60549	5.05



Nipples

Male NPT	Length	Polypropylene	
		Part #	Price/E
3/4"	4"	62223	\$3.60
3/4"	6"	62224	4.40
1"	4"	62225	3.85
1"	6"	62226	4.80
2"	4"	62192	12.60
2"	6"	62193	14.50



Pipe Couplings

Female NPT	Polypropylene	
	Part #	Price/E
3/4"	62238	\$5.45
1"	62239	6.50
1 1/2"	62241	15.00
2"	62194	16.10



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King™ Nipples

Male NPT	Polypropylene	
	Part #	Price/E
1 1/2"	HB150	\$4.85
2"	HB200	5.90
3"	HB300	17.10
4"	HB400	38.75



Schedule 80 Threaded Polypropylene Fittings

90° Elbows



Female NPT	Part #	Polypropylene	Price/E
1/2"	62215		\$4.90
3/4"	62216		5.60
1"	62217		6.50
1 1/2"	62219		12.90
2"	62191		15.50
3"	62220		74.00

90° Street Elbows



NPT Thread	Part #	Polypropylene	Price/E
1/2"	62243		\$5.20
3/4"	62244		5.60
1"	62245		6.50
1 1/4"	62246		8.60
1 1/2"	62247		13.20
2"	62199		15.90
3"	62248		74.00

Tees



Female NPT	Part #	Polypropylene	Price/E
1/2"	62209		\$5.85
3/4"	62210		6.10
1"	62211		8.50
1 1/4"	62212		10.20
1 1/2"	62213		16.00
2"	62190		19.25
3"	62214		84.00

Cross



Female NPT	Part #	Polypropylene	Price/E
1"	62263		\$25.25

Pipe Caps



Female NPT	Part #	Polypropylene	Price/E
3/4"	62250		\$6.75
1"	62251		6.75

Pipe Plugs



Male NPT	Part #	Polypropylene	Price/E
3/4"	62256		\$3.35
1"	62257		3.35
1 1/4"	62258		3.70
1 1/2"	62259		5.90
2"	62201		6.25

Bulkhead Fittings

Application:

- for use on most poly storage tanks and many steel and fiberglass tanks

Features:

- glass reinforced polypropylene provides strength and chemical resistance
- EPDM gaskets are standard
- FKM gaskets are available, contact Dixon™ to order

female NPT fittings

Female NPT	Hole Size	Polypropylene	
		Part #	Price/E
½"	1-7/16"	62834	\$12.20
¾"	1-7/16"	60401	9.75
1"	2¼"	60427	12.20
1¼"	2¼"	60403	12.20
1½"	2⅝"	63931 ¹	13.40
2"	3"	60405	17.50
2"	3"	63481 ²	14.90
2" HD	3¼"	63683	25.25
3"	4½"	62299 ¹	79.00

¹ 1½" and 3" do not contain a washer

² designed for tank wall thickness less than ⅜" - 'low profile'

gaskets

Size	EPDM	
	Part #	Price/E
½" - ¾"	60402	\$2.15
1" - 1¼"	60404	3.05
1½"	63938	4.00
2"	60406	4.15
2" HD	60336	6.45
3"	60331	15.25



63931



63481



63683



Bolted Fittings Stainless Steel

Features:

- Bolts thread into back plate of fitting leaving no welds, holes as potential points of leakage.
- 316 stainless steel bolts
- required, cross-linked polyethylene gaskets are standard (*sold separately*)
- FKM and EPDM gaskets are available, contact Dixon™

female NPT fittings

Size	Stainless Steel	
	Part #	Price/E
¾"	63035	\$121.00
1"	62948	124.00
1½"	63037	177.00
2"	63038	187.00

gaskets

Size	Cross-Linked Polyethylene	
	Part #	Price/E
¾" - 1"	62950	\$4.50
1½"	63042	7.45
2"	62848	8.20



Polypropylene

Features:

- Bolts thread into back plate of fitting leaving no welds, holes as potential points of leakage.
- 316 stainless steel bolts
- 2 required, EPDM gaskets are standard (*sold separately*)
- FKM gaskets are available, contact Dixon™

female NPT fittings

Size	Polypropylene	
	Part #	Price/E
¾"	60502	\$43.40
1"	60505	43.40
1½"	60513	74.00
2"	60516	74.00

gaskets

Size	EPDM	
	Part #	Price/E
¾" - 1"	60498	\$6.00
1½" - 2"	60497	5.95

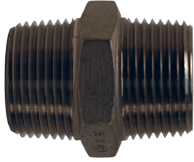


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Pipe Nipples

Do not use pipe nipples as hose inserts.

Straight Hex Nipples



Male NPT	316 Stainless Steel	
	Part #	Price/E
3/8"	HN38SS	\$5.30
1/2"	HN50SS	9.50
3/4"	HN75SS	11.90
1"	HN100SS	16.50

Reducing Hex Nipples

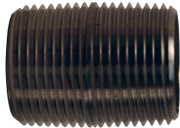


Male NPT	Male NPT	316 Stainless Steel	
		Part #	Price/E
3/8"	1/4"	RHN3825SS	\$6.05
1/2"	3/8"	RHN5038SS	6.90
3/4"	1/2"	RHN7550SS	10.20

Close Nipples

Features:

- made from schedule 40 welded pipe
- male NPT x male NPT design
- brass nipples are available, see page 342



Male NPT	Overall Length	Carbon Steel		Galvanized		316 Stainless Steel		Opt Qty
		Part #	Price/E	Part #	Price/E	Part #	Price/E	
1/8"	3/4"	---	---	---	---	CN012SS	\$4.25	1
1/4"	7/8"	CN025	\$2.40	CN025G	\$2.70	CN025SS	4.75	25
3/8"	1"	CN037	2.50	---	---	CN037SS	5.85	25
1/2"	1 1/8"	CN050	2.10	CN050G	2.40	CN050SS	7.80	10
3/4"	1 3/8"	CN075	2.40	CN075G	2.95	CN075SS	10.10	10
1"	1 1/2"	CN100	3.50	CN100G	4.00	CN100SS	14.00	10
1 1/4"	1 5/8"	CN125	4.40	---	---	---	---	10
1 1/2"	1 1/2"	CN150	5.50	CN150G	6.30	CN150SS	23.70	10
2"	2"	CN200	7.45	CN200G	9.35	CN200SS	36.75	10
2 1/2"	2 1/2"	CN250	23.25	---	---	---	---	--
3"	2 5/8"	CN300	27.60	CN300G	31.45	CN300SS	98.80	1
4"	2 5/8"	CN400	41.60	---	---	CN400SS	133.45	5
6"	3 1/8"	CN600	126.75	---	---	---	---	--

Brass Double Male Hex Nipples

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Male NPT	Male NPSH	Brass	
		Part #	Price/E
1 1/2"	1 1/2"	DMH1515	\$20.70
2"	2"	DMH2020	43.35
2 1/2"	2 1/2"	DMH2525	54.15
3"	3"	DMH3030	144.00
4"	4"	DMH4040	231.00

Male NPT	Male NPT	Brass	
		Part #	Price/E
1"	1"	DMH1010T	\$56.95
1 1/2"	1 1/2"	DMH1515T	37.30
2"	2"	DMH2020T	123.05
2 1/2"	2 1/2"	DMH2525T	118.20
3"	3"	DMH3030T	170.25
4"	4"	DMH4040T	332.45
6"	6"	DMH6060T	589.25

Pipe Nipples



Do not use pipe nipples as hose inserts.



Threaded Both Ends

Features:

- made from schedule 40 welded pipe
- male NPT x male NPT design
- brass nipples are available, see page 342
- other lengths are also available, consult Dixon™ for pricing

Male NPT	Overall Length	Carbon Steel		316 Stainless Steel	
		Part #	Price/E	Part #	Price/E
1/4"	2"	TN025X2	\$2.45	---	---
1/4"	6"	---	---	TN025X6SS	\$16.80
3/8"	2"	TN038X2	2.70	---	---
3/8"	4"	TN038X4	4.05	---	---
3/8"	6"	TN038X6	6.45	---	---
1/2"	2"	TN050X2	2.10	TN050X2SS	9.75
1/2"	3"	TN050X3	2.50	TN050X3SS	13.80
1/2"	4"	TN050X4	2.95	TN050X4SS	19.80
1/2"	6"	TN050X6	3.90	TN050X6SS	31.20
3/4"	2"	TN075X2	2.60	TN075X2SS	12.20
3/4"	3"	TN075X3	2.95	TN075X3SS	15.50
3/4"	4"	TN075X4	3.60	TN075X4SS	20.25
3/4"	6"	TN075X6	5.15	TN075X6SS	35.15
1"	2"	TN100X2	3.80	TN100X2SS	16.40
1"	3"	TN100X3	4.05	TN100X3SS	23.00
1"	4"	TN100X4	5.00	TN100X4SS	30.00
1"	6"	TN100X6	7.15	TN100X6SS	47.50
1 1/4"	2"	TN125X2	5.00	TN125X2SS	19.00
1 1/4"	3"	TN125X3	5.05	TN125X3SS	26.75
1 1/4"	4"	TN125X4	6.25	TN125X4SS	35.00
1 1/4"	6"	TN125X6	8.90	TN125X6SS	61.20
1 1/2"	2"	TN150X2	5.90	TN150X2SS	21.75
1 1/2"	3"	TN150X3	6.60	TN150X3SS	31.50
1 1/2"	4"	TN150X4	7.40	TN150X4SS	41.00
1 1/2"	6"	TN150X6	10.35	TN150X6SS	71.80
2"	3"	TN200X3	8.55	TN200X3SS	41.00
2"	4"	TN200X4	10.35	TN200X4SS	53.00
2"	5"	TN200X5	12.00	TN200X5SS	66.00
2"	6"	TN200X6	13.95	TN200X6SS	94.15
2"	8"	TN200X8	23.35	---	---
3"	3"	TN300X3	30.05	TN300X3SS	91.00
3"	4"	TN300X4	35.60	TN300X4SS	116.00
3"	6"	TN300X6	42.65	TN300X6SS	191.20
4"	4"	TN400X4	48.15	TN400X4SS	148.00
4"	6"	TN400X6	58.75	TN400X6SS	255.75
4"	8"	TN400X8	81.00	---	---
6"	6"	TN600X6	170.00	---	---
6"	8"	TN600X8	210.00	---	---



Merchant Couplings

- other sizes are also available, consult Dixon™ for pricing

Female NPSM	Black Iron	
	Part #	Price/E
1/4"	MRCH25	\$3.70
3/8"	MRCH38	4.45
1/2"	MRCH50	4.75
3/4"	MRCH75	6.00
1"	MRCH100	8.40
1 1/4"	MRCH125	10.75
1 1/2"	MRCH150	13.60
2"	MRCH200	19.50
3"	MRCH300¹	77.80

¹ 3" has female NPT thread

R



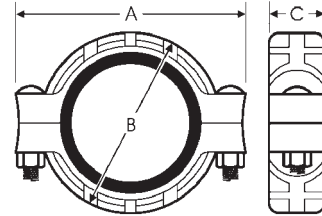
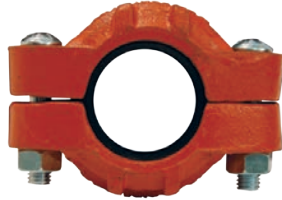
Standard Couplings - Series S, Style 11

Applications:

- designed for a wide range of applications including commercial/industrial construction, mining, and process piping

Features:

- ductile iron body with rust inhibiting paint
- Underwriters Listed and Factory Mutual approved
- housing design allows for optimum strength without excessive casting weight.
- see page 751 for replacement gaskets, nuts and bolts
- Comparable to: Victaulic's #77
Grinnell's #7001



Nominal Size	Pipe OD	Max. Work. Pressure PSI at 70°F	Maximum End Load Lbs.	Coupling Dimensions			Approx. Weight (lbs.)	Bolts			Ductile Iron w/ EPDM gasket Part #	Ductile Iron w/ Buna-N gasket Part #	Price/E
				A	B	C		qty	size	length			
1½"	1.900	1000	2835	4-5/8"	3"	1-7/8"	1.5	2	¾"	2"	C115	C115BU	\$80.85
2"	2.375	1000	4430	5-15/64"	3-45/64"	1-27/32"	2.6	2	½"	2¾"	C12	C12BU	31.25
2½"	2.875	1000	6492	5-5/8"	4-1/4"	1-27/32"	3.4	2	½"	2¾"	C125	C125BU	33.30
3"	3.500	1000	9621	6-21/32"	5"	1-27/32"	4.2	2	½"	3"	C13	C13BU	40.55
4"	4.500	1000	15904	8-17/64"	6-3/8"	2-3/64"	6.0	2	5/8"	3¼"	C14	C14BU	67.40
6"	6.625	1000	34472	11-7/32"	8-57/64"	2-3/64"	10.8	2	¾"	4¼"	C16	C16BU	97.40
8"	8.625	800	46741	14-1/64"	11-3/8"	2-23/64"	21.8	2	7/8"	5"	C18	C18BU	232.40
10"	10.750	800	72610	16-5/8"	13-1/2"	2-5/8"	24.2	2	7/8"	5"	C20	C20BU	240.75
12"	12.750	800	102141	18-5/8"	15-1/2"	2-5/8"	27.5	2	7/8"	5"	C24	C24BU	350.50



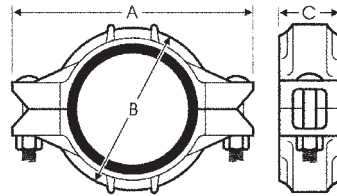
Lightweight Flexible Couplings - Series L, Style 10

Applications:

- designed for applications requiring moderate internal pressure or where weight is a factor such as general purpose, mining, irrigation, and compressed air where a deflection of 5% or less is required

Features:

- ductile iron body with rust inhibiting paint
- Underwriters Listed and Factory Mutual approved
- see page 751 for replacement gaskets, nuts and bolts
- Comparable to: Victaulic's #75
Grinnell's #7000



Nominal Size	Pipe OD	Max. Work. Pressure PSI at 70°F	Maximum End Load Lbs.	Coupling Dimensions			Approx. Weight (lbs.)	Bolts			Ductile Iron w/ EPDM gasket Part #	Ductile Iron w/ Buna-N gasket Part #	Price/E
				A	B	C		qty	size	length			
1½"	1.900	500	1418	4-5/8"	3"	1-3/4"	1.5	2	¾"	2¼"	L215	L215BU	\$64.50
2"	2.375	500	2215	5-7/64"	3-1/2"	1-27/32"	1.7	2	¾"	2"	L02	L02BU	17.65
2½"	2.875	300	3246	5-55/64"	4-1/64"	1-27/32"	2.2	2	¾"	2"	L025	L025BU	20.20
3"	3.500	300	4811	6-13/32"	4-13/16"	1-27/32"	2.8	2	½"	2¾"	L03	L03BU	23.75
4"	4.500	300	6362	7-33/64"	5-55/64"	2"	3.7	2	½"	2¾"	L04	L04BU	31.20
5"	5.563	300	9722	9-5/8"	7"	2"	5.7	2	5/8"	3¼"	L05	L05BU	63.65
6"	6.625	300	13789	10-25/32"	7-7/8"	2-3/64"	7.4	2	5/8"	3¼"	L06	L06BU	52.05
8"	8.625	300	20449	13-47/64"	10-35/64"	2-13/32"	12.8	2	¾"	4¼"	L08	L08BU	88.50
10"	10.750	350	29815	16-19/64"	13-15/64"	2-9/16"	24.25	2	¾"	4¼"	L010	L010BU	132.00
12"	12.750	350	40581	18-23/64"	15-7/16"	2-9/16"	28.22	2	7/8"	5"	L012	L012BU	184.00

R

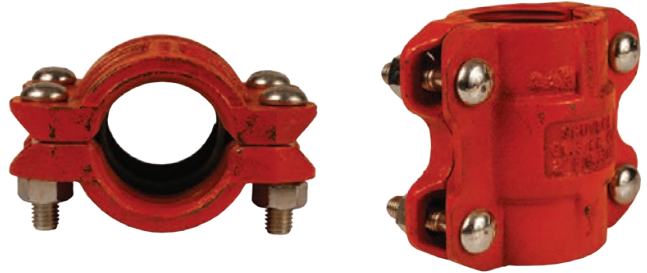
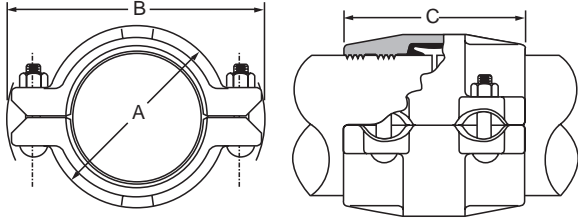
High Density Polyethylene (HDPE) Couplings

Applications:

- designed for mechanically joining high density polyethylene pipe and fittings

Features:

- ductile iron body with rust inhibiting paint
- uses four bolts to drive the sharply machined housing teeth into the outside of the pipe
- Comparable to: Grinnell's #9095



Nominal Size	Pipe OD	Coupling Dimensions			Approx. Weight (lbs.)	Bolts			Ductile Iron w/ EPDM gasket Part #	Ductile Iron w/ Buna-N gasket Part #	Price/E
		A	B	C		qty	size	length			
2"	2.375	3 ³ / ₈ "	5 ¹ / ₂ "	4 ⁵ / ₈ "	4.5	4	1/2"	2 ³ / ₈ "	HDPE200	HDPE200BU	\$510.00
3"	3.500	4 ⁵ / ₈ "	6 ³ / ₄ "	4 ⁵ / ₈ "	8.5	4	1/2"	3"	HDPE300	HDPE300BU	610.00
4"	4.500	5 ¹ / ₄ "	8"	5 ³ / ₄ "	12.0	4	1/2"	3"	HDPE400	HDPE400BU	670.00
6"	6.625	7 ¹ / ₂ "	11"	5 ⁷ / ₈ "	18.0	4	5/8"	3 ¹ / ₂ "	HDPE600	HDPE600BU	930.00

Lite® Couplings - Stainless Steel

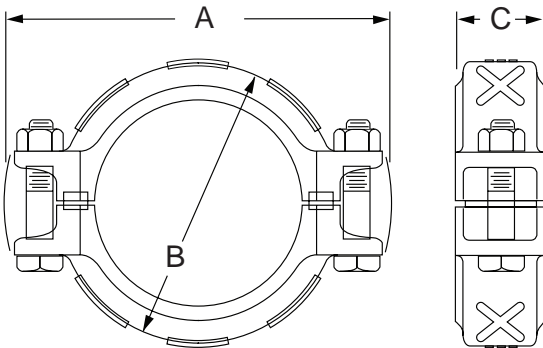


Applications:

- designed for use on rigid, locked-in pipe connections

Features:

- 316 cast stainless steel body, nuts and bolts
- certified to ANSI/NSF 61
- ideal for corrosive environments
- use of suitable anti-galling thread compound is recommended
- Comparable to: Grinnell's #7400 SS

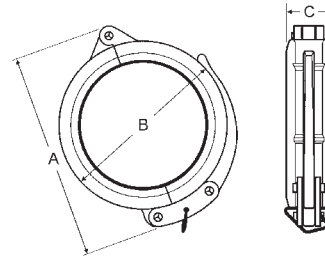


Nominal Size	Pipe OD	Maximum Working Pressure	Maximum End Load (Lbs)	Coupling Dimensions			Approx. Weight (lbs.)	Bolts			316 Stainless Steel w/ Fluoro-elastomer gasket Part #	Price/E
				A	B	C		qty	size	length		
2"	2.375	300	1329	5 ³ / ₈ "	3 ⁵ / ₈ "	1 ¹ / ₄ "	2.1	2	3/8"	2 ¹ / ₄ "	RL02V	\$1140.00
3"	3.500	300	2886	6 ⁵ / ₈ "	4 ⁵ / ₈ "	1 ¹ / ₄ "	3.1	2	1/2"	2 ³ / ₄ "	RL03V	1430.00
4"	4.500	300	4771	7 ³ / ₄ "	6"	1 ⁷ / ₈ "	4.4	2	1/2"	2 ³ / ₄ "	RL04V	2120.00

Quick Release Couplings - Series Q

Features:

- designed for applications requiring a quick connection and/or disconnection of a pipe joint, a locking pin through the handle prevents accidental opening of the coupling
- ductile iron body with zinc plating and steel safety clip
- see page 751 for replacement gaskets
- Comparable to: Victaulic's #78 Grinnell's #7003



Nominal Size	Pipe OD	Max Work. Pressure PSI at 70°F	Maximum End Load Lbs.	Coupling Dimensions			Approx. Weight (lbs.)	Ductile Iron w/ EPDM gasket Part #	Ductile Iron w/ Buna-N gasket Part #	Price/E
				A	B	C				
1½"	1.900	300	850	4¾"	3½"	1"	1.5	H315	H315BU	\$135.00
2"	2.375	300	1329	5½"	3¾"	1⅞"	2.5	H32	H32BU	129.50
2½"	2.875	300	2120	5⅞"	4¾"	1⅞"	3.1	H325	H325BU	173.00
3"	3.500	300	2886	7¼"	5¼"	1⅞"	5.3	H33	H33BU	166.50
4"	4.500	300	4771	8½"	6½"	2"	6.0	H34	H34BU	214.00
6"	6.625	300	10341	10⅝"	8½"	2"	8.6	H36	H36BU	460.00



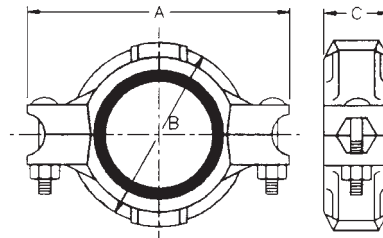
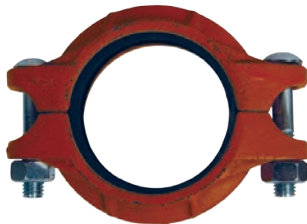
Rigid Couplings - Series R, Style 5

Application:

- ideal for fire protection, plumbing, low pressure air and drainage

Features:

- lightweight, low pressure
- ductile iron body with rust inhibiting paint
- small gripping teeth hold the housing into the groove allowing a straight run of pipe and preventing any flex at the joint
- Underwriters Listed and Factory Mutual approved
- see page 751 for replacement gaskets, nuts and bolts




R

Nominal Size	Pipe OD	Max Work. Pressure PSI at 70°F	Maximum End Load Lbs.	Coupling Dimensions			Approx. Weight (lbs.)	Bolts			Ductile Iron w/ EPDM gasket Part #	Ductile Iron w/ Buna-N gasket Part #	Price/E
				A	B	C		qty	size	length			
2"	2.375	175	4425	4-7/8"	3-17/32"	1-27/32"	1.5	2	⅜"	2"	R72	R72BU	\$21.25
2½"	2.875	175	6490	5-5/8"	3-45/64"	1-3/4"	1.7	2	⅜"	2"	R725	R725BU	18.30
3"	3.500	175	9620	6-3/8"	4-41/64"	1-27/32"	2.5	2	½"	2¾"	R73	R73BU	25.75
4"	4.500	175	12720	7-45/64"	5-15/16"	2"	3.6	2	½"	2¾"	R74	R74BU	32.45
6"	6.625	175	27570	10-25/32"	8-7/64"	2-3/64"	5.8	2	⅝"	3¼"	R76	R76BU	54.95
8"	8.625	175	35050	13-25/32"	10"	2-21/64"	15.9	2	¾"	4¼"	R78	R78BU	88.50

Aluminum Grooved Clamps

Features:

- 2" pressure rating: **400 PSI**
- 3" pressure rating: **170 PSI**
- 4" pressure rating: **120 PSI**
- bolt torque: 50 ft. lbs.
- precision casting and machined dimensions provide an exact fit and great appearance
- use of lock nuts prevents clamps from loosening in high vibration applications
- leak-tight connection
- are intended for tank truck applications only 

- Unlike steel groove clamps that secure pipe ends with high clamp force against the tubing walls, the Dixon™ bolted clamp takes the full bolt force and locks in the groove of the tube preventing distortion of the tube diameter.
- FKM-B rated for 100% biodiesel and Ethanol
- Buna-N rated for petroleum service, Ethanol to E100 and biodiesel to B20
- Baylast™ rated for petroleum service, Ethanol to E100 and biodiesel to B100
- white buna-N for use in dry bulk food applications

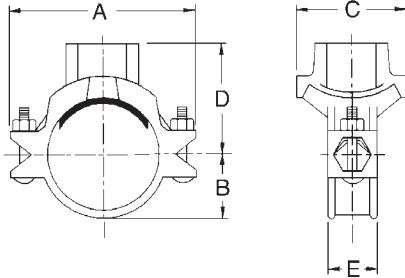
Description	Part #	Price/E
2" aluminum bolted clamp with FKM-B gasket	DBV-VB200	\$79.85
3" aluminum bolted clamp with FKM-B gasket	DBV-VB300	90.20
4" aluminum bolted clamp with FKM-B gasket	DBV-VB400	148.55
3" aluminum bolted clamp with buna-N gasket	DBV-BN300	37.15
4" aluminum bolted clamp with buna-N gasket	DBV-BN400	47.75
2" aluminum bolted clamp with Baylast™ gasket	DBV-BL200	51.50
3" aluminum bolted clamp with Baylast™ gasket	DBV-BL300	61.15
4" aluminum bolted clamp with Baylast™ gasket	DBV-BL400	77.25
4" aluminum bolted clamp with white buna-N gasket	DBV-WB400	58.35
2" FKM-B grooved coupling replacement gasket	G200VB	61.05
3" FKM-B grooved coupling replacement gasket	G300VB	58.35
4" FKM-B grooved coupling replacement gasket	G400VB	116.70
3" buna-N grooved coupling replacement gasket	G300T	12.30
4" buna-N grooved coupling replacement gasket	G400T	17.90
2" Baylast™ grooved coupling replacement gasket	G200BL	29.00
3" Baylast™ grooved coupling replacement gasket	G300BL	34.95
4" Baylast™ grooved coupling replacement gasket	G400BL	41.45
4" white buna-N grooved coupling replacement gasket	G400N	36.50



clamp with black buna gasket
Note: Supplied clamp gasket must be installed prior to use, ships separately.

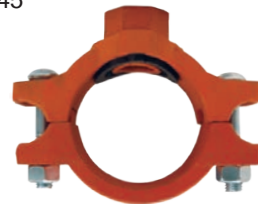
Features:

- Provides a fast easy way to install a threaded connection along a length of pipe. After drilling or cutting a hole in the pipe at the location of the branch connection, simply attach the clamps around the pipe for a leak-free threaded outlet connection. See chart below for drilling hole specifications



Mechanical Tees - Series T

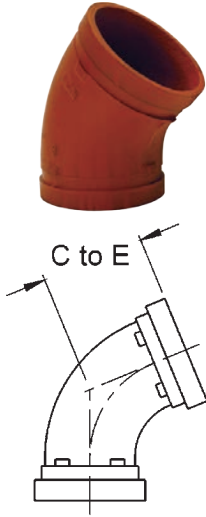
- ductile iron body with rust inhibiting paint
- Underwriters Listed and Factory Mutual approved
- maximum operating pressure: **300 PSI** at 70°F
- see page 751 for replacement gaskets, nuts and bolts
- Comparable to:
Victaulic's #920
Grinnell's #7045



Nominal Size	Branch Size	Hole Saw diameter	Max. End Load Lbs.	Coupling Dimensions					Approx. Wt (lbs.)	Bolts			Ductile Iron	
				A	B	C	D	E		qty	size	length	Part #	Price/E
2"	1"	1½"	1⅝"	4½"	1⅜"	2¾"	2¼"	1⅞"	2.4	2	⅜"	2"	MT2010	\$37.45
2"	1¼"	1¾"	1⅞"	4½"	1⅜"	2¾"	2½"	1⅞"	2.9	2	⅜"	2"	MT20125	41.20
2"	1½"	1¾"	1⅞"	4½"	1⅜"	2¾"	2½"	1⅞"	2.8	2	⅜"	2"	MT20150	41.20
2½"	1"	1½"	1⅝"	5-5/32"	1-11/16"	3"	2-31/32"	2"	3.1	2	½"	2⅝"	MT25010	47.45
2½"	1¼"	2"	2⅛"	5-13/16"	1-11/16"	3-11/32"	3"	2"	3.3	2	½"	2⅝"	MT250125	51.20
3"	1"	1½"	1⅝"	6-11/32"	2-1/8"	3-3/32"	3-1/16"	2"	3.3	2	½"	2¾"	MT3010	56.20
3"	1½"	2"	2⅛"	6-11/32"	2-1/8"	3-3/4"	3-3/8"	2"	3.4	2	½"	2¾"	MT30150	51.20
4"	1"	1½"	1⅝"	7-5/16"	2-9/16"	3-3/32"	3-1/2"	2"	4.4	2	½"	2¾"	MT4010	71.45
4"	1¼"	2"	2⅛"	7-5/16"	2-9/16"	3-3/4"	3-7/8"	2"	5.1	2	½"	2¾"	MT40125	58.65
4"	1½"	2"	2⅛"	7-5/16"	2-9/16"	3-3/4"	3-7/8"	2"	4.9	2	½"	2¾"	MT40150	61.15
4"	2"	2½"	2⅝"	7-5/16"	2-9/16"	4-1/8"	4"	2"	5.3	2	½"	2¾"	MT4020	61.15
4"	2½"	2¾"	2⅞"	7-5/16"	2-9/16"	4-3/8"	4"	2"	5.4	2	½"	2¾"	MT40250	63.65
4"	3"	3½"	3⅝"	7-5/16"	2-9/16"	5-1/4"	4-1/4"	2"	6.4	2	½"	2¾"	MT4030	68.05
6"	1¼"	2½"	2⅝"	10-5/32"	3-11/16"	4-1/8"	4-7/8"	2¼"	8.6	2	⅝"	3¼"	MT60125	76.75
6"	1½"	2½"	2⅝"	10-5/32"	3-11/16"	4-1/8"	4-7/8"	2¼"	8.4	2	⅝"	3¼"	MT60150	76.75
6"	2"	2½"	2⅝"	10-5/32"	3-11/16"	4-1/8"	5"	2¼"	7.6	2	⅝"	3¼"	MT6020	76.75
6"	3"	3½"	3⅝"	10-5/32"	3-11/16"	5-1/4"	5-3/8"	2¼"	9.2	2	⅝"	3¼"	MT6030	88.65



Grooved End Fittings - Series 45



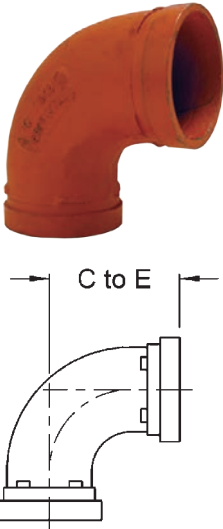
Features:

- designed to provide minimum pressure drop and uniform strength
- maximum operating pressure: **500 PSI** at ambient temperature (70°F)
- ductile iron body with rust inhibiting paint
- Underwriters Listed and Factory Mutual approved
- Comparable to:
Victaulic's #110
Grinnell's #7051

Nominal Size	Dimension C to E	Approx. Weight (Lbs.)	Ductile Iron	
			Part #	Price/E
2"	2"	1.4	L2045	\$22.15
2½"	2¼"	2.3	L2545	23.05
3"	2½"	3.2	L3045	34.95
4"	3"	5.3	L4045	51.15
5"	3¼"	7.9	L5145	113.50
6"	3½"	11.0	L6045	129.50
8"	4¼"	20.0	L8045	258.90



Grooved End Fittings - Series 90



Features:

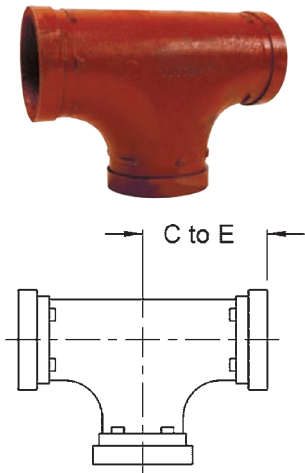
- designed to provide minimum pressure drop and uniform strength
- maximum operating pressure: **500 PSI** at ambient temperature (70°F)
- ductile iron body with rust inhibiting paint
- Underwriters Listed and Factory Mutual approved
- Comparable to:
Victaulic's #10
Grinnell's #7050

Nominal Size	Dimension C to E	Approx. Weight (Lbs.)	Ductile Iron	
			Part #	Price/E
2"	3¼"	2.1	L502	\$22.50
2½"	3¾"	3.0	L5025	25.85
3"	4¼"	4.7	L503	41.20
4"	5"	7.3	L504	54.15
6"	6½"	17.6	L506	129.50
8"	7¾"	31.9	L508	287.05



Grooved End Fittings - Series T

R



Features:

- designed to provide minimum pressure drop and uniform strength
- maximum operating pressure: **500 PSI** at ambient temperature (70°F)
- ductile iron body with rust inhibiting paint
- Underwriters Listed and Factory Mutual approved
- Comparable to:
Victaulic's #20
Grinnell's #7060

Nominal Size	Dimension C to E	Approx. Weight (Lbs.)	Ductile Iron	
			Part #	Price/E
2"	3¼"	3.2	T602	\$32.45
2½"	3¾"	4.5	T6025	39.95
3"	4¼"	5.9	T603	54.95
4"	5"	11.0	T604	81.30
6"	6½"	24.6	T606	196.75
8"	7¾"	40.0	T608	425.25

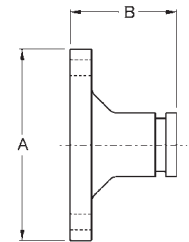
Flange Adapters - Series FA

Application:

- used to connect an ANSI Class 125 and 150 flange to a grooved pipe using a grooved clamp

Features:

- Provides a rigid one piece connection that can be disconnected by removing the clamp assembly. To assemble to another flange, position bolt heads on the adapter (grooved) side.
- ductile iron body with rust inhibiting paint



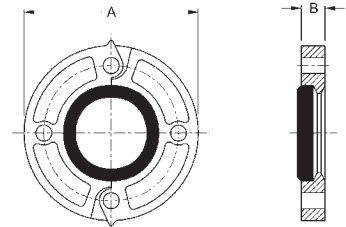
Nominal Size	Pipe OD	Max PSI at 70°F	Flange Dimensions		Approx. Weight (lbs.)	Bolts		Ductile Iron	
			A	B		qty	size	Part #	Price/E
2"	2.375	300	6"	2-3/8"	2.8	4	5/8"	FA20	\$37.40
3"	3.500	300	7 1/4"	2-3/8"	5.3	4	5/8"	FA30	61.15
4"	4.500	300	8 1/2"	2-3/8"	6.4	8	5/8"	FA40	77.40
6"	6.625	300	11"	2-9/16"	11.5	8	3/4"	FA60	142.30
8"	8.625	300	13 1/4"	3"	23.0	8	3/4"	FA80	208.50

ANSI Split Flanges - Series SF



Features:

- provides a direct connection between a grooved adapter and an ANSI Class 125 and 150 raised face flanged component
 - can be used with flat face flanges by removing the raised projections on the outside face of the flange.
 - ductile iron body with rust inhibiting paint
 - Underwriters Listed and Factory Mutual approved
 - Buna gaskets are available upon request
- Comparable to: Victaulic's #741, Grinnell's #7012



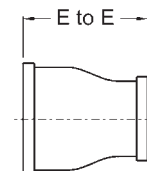
Nom. Size	Pipe OD	Max. PSI at 70°F	Flange Dimensions		Approx. Weight (lbs.)	Bolts		Ductile Iron w/ gasket		Replacement Gaskets EPDM	
			A	B		qty	size	Part #	Price/E	Part #	Price/E
2"	2.375"	300	6"	13/16"	3.5	4	5/8"	ANSI20	\$75.85	FLG200E	\$8.15
2 1/2"	2.875"	300	7"	13/16"	4.6	4	5/8"	ANSI25	82.05	FLG250E	9.40
3"	3.500"	300	7 1/2"	13/16"	5.1	4	5/8"	ANSI30	98.60	FLG300E	10.95
4"	4.500"	300	9"	15/16"	8.8	8	5/8"	ANSI40	131.05	FLG400E	12.50
6"	6.625"	300	11"	1"	10.6	8	3/4"	ANSI60	156.00	FLG600E	19.35
8"	8.625"	300	13 1/2"	1-1/8"	17.0	8	3/4"	ANSI80	199.70	FLG800E	34.00

Reducing Adapters - Series RA



Features:

- ductile iron body with rust inhibiting paint
- Underwriters Listed and Factory Mutual approved
- Comparable to: Victaulic's #50, Grinnell's #7072



Nominal Size	Nominal Size	Dimension E to E	Approx. Weight (Lbs.)	Ductile Iron	
				Part #	Price/E
2"	1 1/2"	2.5	0.9	RAGG20150	\$26.25
2 1/2"	2"	2.5	1.1	RAGG25020	27.45
3"	2"	2.5	1.2	RAGG3020	26.25
3"	2 1/2"	2.5	1.5	RAGG30250	32.45
4"	2"	3.0	2.2	RAGG4020	38.60
4"	2 1/2"	3.0	2.4	RAGG40250	40.55
4"	3"	3.0	2.4	RAGG4030	43.25
5"	4"	3.5	4.4	RAGG5040	69.90
6"	2"	4.0	4.0	RAGG6020	78.65
6"	2 1/2"	4.0	4.4	RAGG60250	90.30
6"	3"	4.0	4.6	RAGG6030	82.40
6"	4"	4.0	7.0	RAGG6040	82.40

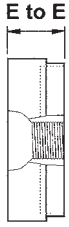


End Caps

ANSI Cap with Tapped Outlet - Series EC

Feature:

- ductile iron construction with rust inhibiting paint



Nominal Size	Outlet	Dimension E to E	Approx. Weight (Lbs.)	Ductile Iron	
				Part #	Price/E
2"	1"	7/8"	.50	EC201	\$31.30
2½"	1"	7/8"	.70	EC251	40.50
3"	1"	7/8"	1.05	EC301	40.30
4"	1"	1"	2.30	EC401	43.85
4"	2"	1"	2.10	EC402	39.85
6"	1"	1"	5.10	EC601	99.05
6"	2"	1"	5.35	EC602	105.20
8"	2"	1-3/16"	10.10	EC802	202.15



Blank Caps - Series BE

Features:

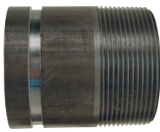
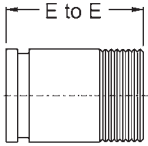
- ductile iron body with rust inhibiting paint
- Underwriters Listed and Factory Mutual approved
- Comparable to: Victaulic's #60, Grinnell's #7074



Nominal Size	Dimension E to E	Approx. Weight (Lbs.)	Ductile Iron	
			Part #	Price/E
2"	7/8"	.6	BEC20	\$27.45
2½"	7/8"	.7	BEC25	36.20
3"	7/8"	1.1	BEC30	37.45
4"	1"	2.6	BEC40	38.70
6"	1"	5.0	BEC60	96.75
8"	1-3/16"	11.0	BEC80	178.50

Adapter Nipples

Long Pipe Style Nipples - Series AN



Nominal Size	Dimension E to E	Carbon Steel	
		Part #	Price/E
2"	4"	A712	\$48.65
2½"	4"	A7125	57.05
3"	4"	A713	88.60
4"	6"	A714	115.80
5"	6"	A715	185.00
6"	6"	A716	205.00

Grooved End x Weld Nipples



Nominal Size	Aluminum		Carbon Steel		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
2"	AVN2000-200	\$18.50	VN2000-200	\$19.15	VNR2000-200	\$28.45
2½"	AVN2500-200	32.45	VN2500-200	21.70	VNR2500-200	29.50
3"	AVN3000-200	25.00	VN3000-200	24.25	VNR3000-200	36.75
4"	AVN4000-200	42.30	VN4000-200	37.10	VNR4000-200	53.50

Grooved End Iron Butterfly Valves

Application:

- designed for water and air applications

Features:

- EPDM seals
- working pressure: **300 PSI**
- maximum temperature: **210°F**
- material:
 - body: ductile iron, epoxy coated
 - disc: ductile iron, EPDM encapsulated
 - stem: stainless steel
 - notch plate: zinc plated steel

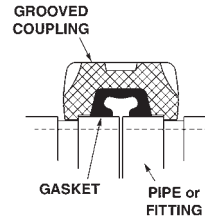


Size	Iron	
	Part #	Price/E
2"	GIBFV200	\$218.00
2½"	GIBFV250	250.00
3"	GIBFV300	350.00
4"	GIBFV400	430.00
6"	GIBFV600	810.00
8"	GIBFV800	1010.00

R

Gaskets

- check gasket color code to be certain it is recommended for the service intended
- use lubricant on gasket
- for services not listed contact Dixon™ for recommendations



FKM

Size	FKM	
	Part #	Price/E
2"	G200V	\$38.35
3"	G300V	57.05
4"	G400V	79.45
6"	G600V	110.95
8"	G800V	188.50
10"	G1000V	233.95
12"	G1200V	295.55


Features:

- compound type: Fluoro Elastomer
- temperature range: **-13°F to 350°F**
- color code: black with blue stripe
- resistant to oxidizing acids, petroleum oils, hydraulic fluids, halogenated hydrocarbons and lubricants

EPDM

Size	EPDM	
	Part #	Price/E
1½"	G150E	\$34.60
2"	G200E	9.25
2½"	G250E	11.10
3"	G300E	12.30
4"	G400E	17.90
5"	G500E	65.75
6"	G600E	32.30
8"	G800E	52.60
10"	G1000E	67.00
12"	G1200E	92.00


Features:

- compound type: EPDM
- temperature range: **-22°F to 230°F**
- color code: black with green stripe
- for water, dilute acids, alkalis, salts, and many chemical services not involving hydrocarbons, oils, or gases.
- excellent oxidation resistance
- *Not for use with hydrocarbons* 

Buna-N

Style	Black Buna with orange stripe		White Buna Gruvlok seal	
	Part #	Price/E	Part #	Price/E
1½"	G150T	\$34.60	---	---
2"	G200T	9.25	---	---
2½"	G250T	11.10	---	---
3"	G300T	12.30	---	---
4"	G400T	17.90	G400N	\$36.50
5"	G500T	65.75	---	---
6"	G600T	32.30	---	---
8"	G800T	52.60	---	---
10"	G1000T	67.00	---	---
12"	G1200T	92.00	---	---

Features:

- compound type: Buna-N
- temperature range: **-24°F to 176°F**
- for petroleum products, vegetable oils, mineral oils, and air contaminated with petroleum oils.
- *Not for use in hot water services* 

Nuts and Bolts

Bolt Thread	Bolt Length	Torque Ft. Lbs.	Carbon Steel	
			Part #	Price/E
3/8"	2"	30	BLT38200	\$5.95
3/8"	2¼"	30	BLT38225	19.30
1/2"	2½"	50	BLT50212	5.95
1/2"	2¾"	50	BLT50234	8.15
1/2"	3"	50	BLT50300	9.80
5/8"	3¼"	75	BLT58314	5.35
3/4"	4¼"	75	BLT75414	17.50
7/8"	5"	200	BLT78500	18.50

Features:

- the nuts are a heavy hexagon design
- electroplated carbon steel
- The bolts are specifically designed for use with the couplings on pages 744-747.


Standards:

- conform to ASTM A183

R

Groove Lube

Features:

- water soluble
- non-toxic
- non-corrosive
- non-flammable
- NSF approved for use with potable water
- *Should not be used with HDPE pipe.* 

Size	Container	Part #	Price/E
1 qt.	Tub	GROOVLUB32	\$263.00



3" Drop Elbows (Tight Fill Couplers)

Complete Units



Features:

- aluminum body
- brass handle and cam arms with buna gasket
- steel bolts on inlet end
- plexiglass sight flow insert with buna seals

Coupler Size	Inlet	Aluminum	
		Part #	Price/E
3"	3" male adapter	300300MAE	\$694.00
3"	4" male adapter	3004030MAE	726.00

Coupler Body



plunger type handle

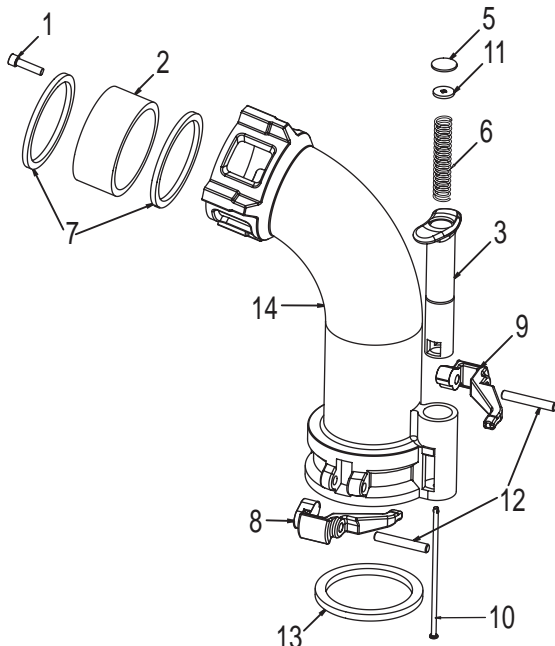
Size	Aluminum	
	Part #	Price/E
3"	300-TFG	\$650.00

Inlet Ends



Inlet	Inlet	Aluminum	
		Part #	Price/E
3"	male adapter	300-MAE	\$71.00
4"	male adapter	4030-MAE	105.00

Parts List



Item #	Description	Part #	Price/E
1	screw-inlet end	P3-TFG-1	\$1.50
2	plexiglass-shell only	P3-TFG-2	34.35
3	plunger	P3-TFG-3	67.00
5	plunger cap	P3-TFG-5	5.50
6	spring	P3-TFG-6	6.80
7	plexiglass gasket	P3-TFG-7	3.50
8	right cam arm	P3-TFG-8	56.00
9	left cam arm	P3-TFG-9	56.00
10	rod	P3-TFG-10	15.00
11	disc	P3-TFG-11	9.50
12	pin	300-P	2.25
13	coupler gasket	300-G-BU	1.55
14	body	P3-TFG-13	POR

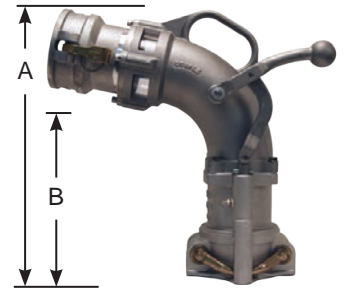
4" Drop Elbows (Tight Fill Couplers)

Features:

- cast aluminum modular construction
- brass handle and cam arms with buna gasket
- stainless steel bolts on inlet end
- acrylic sight glass with buna seals
- for information on additional elbow configurations such as pre-assembled elbows, contact Dixon™

side lever type handle

Size	Inlet	A Overall Height	B Ground Clearance	Aluminum	
				Part #	Price/E
4"	elbow only, <i>without inlet connection</i>	17¾"	10⅞"	6200	\$933.70
4"	elbow with 4" adapter inlet	17¾"	10⅞"	6200A	1049.55
4"	elbow with anti-spill sleeve, <i>without inlet connection</i>	17¾"	10⅞"	6200T	1016.40
4"	elbow with 4" coupler inlet	17¾"	10⅞"	6200D	1134.25



drop elbow with side lever with 4" coupler inlet

side lever type handle - extended body

Size	Inlet	A Overall Height	B Ground Clearance	Aluminum	
				Part #	Price/E
4"	tall elbow only, <i>without inlet connection</i>	21"	13¾"	6200X	\$1042.50
4"	tall elbow with 4" adapter inlet	21"	13¾"	6200XA	1175.90
4"	tall elbow with anti-spill sleeve, <i>without inlet connection</i>	21"	13¾"	6200XT	1131.10
4"	tall elbow with 4" coupler inlet	21"	13¾"	6200XD	1249.30



drop elbow with side lever without inlet connection

Self-Locking

Size	Inlet	A Overall Height	B Ground Clearance	Aluminum	
				Part #	Price/E
4"	tightfill elbow with locking handle	17¾"	10⅞"	6500	\$988.35
4"	tightfill elbow with locking handle and 4" adapter inlet	17¾"	10⅞"	6500A	1042.75



self-locking drop elbow - no inlet

Inlet Ends

Feature:

- replacement parts are available, contact Dixon™ for more information

Inlet Size	Inlet	Aluminum	
		Part #	Price/E
3"	male adapter	6000-16	\$99.90
4"	male adapter	6000-17	99.90
3"	female coupler	6000-15	183.15
4"	female coupler	6000-14	183.15
4"	female with FNPT	6000-20	100.05



Top Side Lever Elbow Fits 6200 Elbow Only

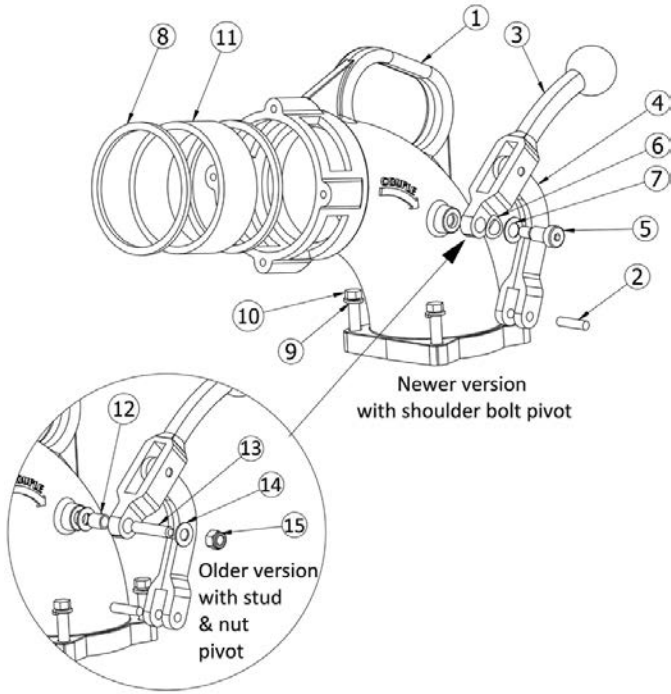
• for replacement parts for other style elbows, contact Dixon™

Bill Of Materials

Item #	Description	Part #	Price/E	Qty
1	body	6200-1	\$193.90	1
2	pin	PIN5/16x11/4P	3.10	2
3	handle	use kit 6200-15ASSM	---	1
4	handle linkage	use kit 6200-15ASSM	---	1
5 ¹	shoulder bolt	use kit 6200SBK ¹	---	1
6 ¹	wave washer	use kit 6200SBK ¹	---	1
7 ¹	SS flat washer	use kit 6200SBK ¹	---	1
8A	Baylast™ gasket	4433	10.05	2
8B	FKM gasket (opt.)	4426	12.40	2
9	lock washer	use kit 6000EHK	---	4
10	bolt	use kit 6000EHK	---	4
11	sight glass	use kit 6200SGK	---	1
12 ²	bushing	use kit 6200SHK ²	---	1
13 ²	stud	use kit 6200SHK ²	---	1
14 ²	nylon washer	use kit 6200SHK ²	---	2
15 ²	nut	use kit 6200SHK ²	---	1

¹ items 5 - 7 for shoulder bolt pivot version only

² items 12 - 15 for stud and nut pivot version only



Repair Kits

Part #	Description	Includes	Price/E
6200SGK	replacement sight glass and Baylast™ seals	8, 11	\$54.05
6000EHK	replacement bolts and lock washers	9, 10	9.10
6200-15ASSM	replacement handle, linkage and pin	2, 3, 4	58.00
6200SHK ²	replacement stud pivot, nylon washers, bushing and nut	5, 6, 7	16.95
6200SBK ²	replacement stud pivot, nylon washers, bushing and nut	12, 13, 14, 15	5.30

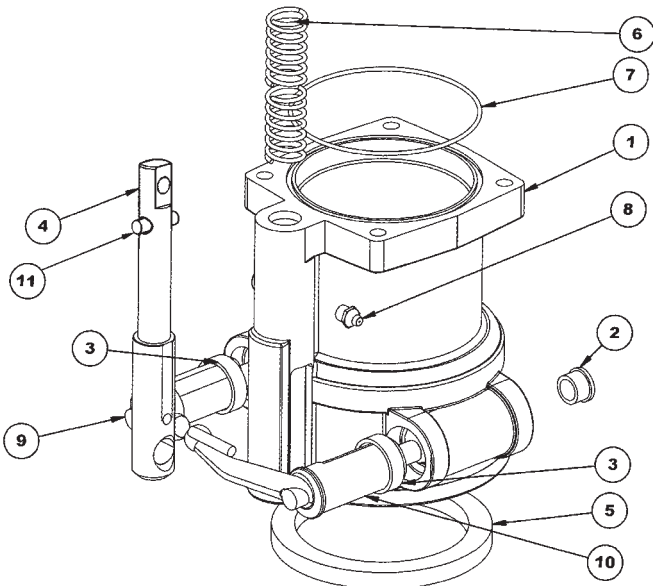
Bottom Unit, for Side Lever Elbows Fits 6200, 6400 and 6500 Standard and Tall Elbows

Bill Of Materials

Item #	Description	Part #	Price/E	Qty
1	body	use kit 6230	---	1
2	small bushing	use kit 6200BK	---	2
3	large bushing	use kit 6200BK	---	2
4A	handle stem (standard)	6200-7	\$75.95	1
4B	handle stem (tall)	6200-7X	94.40	1
5	main gasket	6000-9	8.40	1
6	spring	112012	6.10	1
7	O-ring	AS156	2.80	1
8	grease nipple	NIPPLE/1	7.10	1
9	right arm	use kit 6200ARK	---	1
10	left arm	use kit 6200ARK	---	1
11	pin	PIN5/16x11/4P	3.10	1

Repair Kits

Part #	Description	Includes	Price/E
6230	complete standard replacement bottom unit	all	\$442.85
6230X	complete tall replacement bottom unit	all	520.05
6200ARK	replacement left and right arms, main gasket, O-rings, small and large bushings	2, 3, 5, 7, 9, 10	145.85
6200BK	replacement small and large bushings	2, 3	44.10



Vapor Recovery Drop Elbows

Features:

- for use in two point vapor recovery systems
- one-piece bronze locking arms housed in polymer bushings
- advanced design side lever locking system
- buna seals and stainless steel hardware
- bolt on 3" male outlet included (**VR6000-6**) which can be rotated for extended life
- lubrication fitting on locking stem
- see 6400 series co-axial elbow for single point vapor recovery on page 756



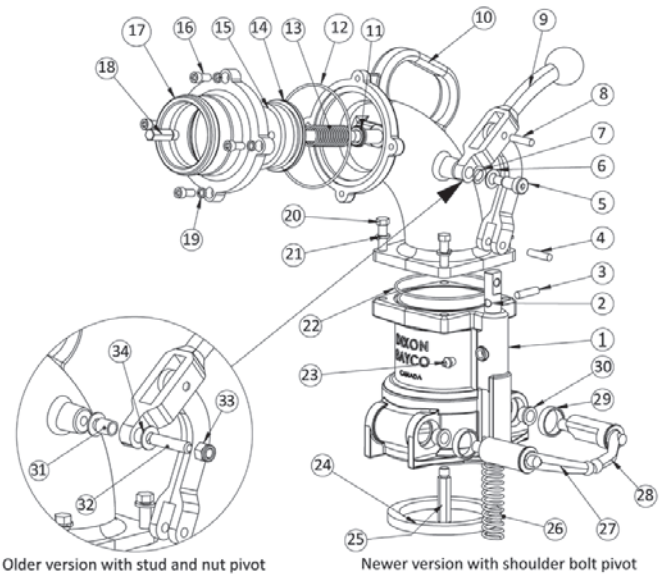
Description	Aluminum	
	Part #	Price/E
3" male adapter with probe, without poppet valve	VR6200NP	\$732.80
3" male adapter outlet with probe and poppet valve	VR6200	834.35

VR6200 Series Vapor Elbows

Bill Of Materials

Item #	Description	Part #	Price/E	Qty
1	bottom body	use kit VR6030	---	1
2	stem	6200-7	\$75.95	1
3	stem stop pin	PIN5/16X1¼-P	POR	1
4	stem link pin	PIN5/16X1¼-P	POR	1
5 ¹	shoulder bolt pivot	use kit 6200SBK ¹	---	1
6 ¹	SS flat washer	use kit 6200SBK ¹	---	1
7 ¹	wave washer	use kit 6200SBK ¹	---	1
8	handle pin	PIN 5/16X1¼-P	POR	1
9	handle and linkage	use kit 6200-15ASSM	---	1
10	top elbow body	VR6000-1	204.20	1
11	poppet bushing	VR6000-3	13.10	1
12	outlet O-ring only	110319	2.80	1
13	poppet spring	L1110-L2287	18.85	1
14	FKM poppet seal	O-RING-AS-334	11.85	1
15	poppet valve	VR6000-4	61.00	1
16	outlet adapter bolt	use kit 6000NPHK	---	4
17	outlet adapter with outlet O-ring	VR6000-6	63.35	1
18	poppet valve stand off	VR6000-5	13.25	1
19	lock washer	use kit 6000NPHK	---	4
20	bolt	use kit 6000EHK	---	4
21	lock washer	use kit 6000EHK	---	4
22	body O-ring	AS156	2.80	1
23	grease nipple	NIPPLE/1	7.10	1
24	main seal gasket	6000-9	8.40	1
25	probe	VR6000-7	10.05	1
26	stem spring	112012	6.10	1
27	left arm	VR6000-9	77.15	1
28	right arm	VR6000-8	77.15	1
29	large bushing	use kit 6200BK	---	2
30	small bushing	use kit 6200BK	---	2
31 ²	pivot bushing	use kit 6200SHK ²	---	1
32 ²	pivot stud	use kit 6200SHK ²	---	1
33 ²	pivot lock nut	use kit 6200SHK ²	---	1
34 ²	nylon washer	use kit 6200SHK ²	---	2

¹ items 5 - 7 for shoulder bolt pivot version only
² items 12 - 15 for stud and nut pivot version only

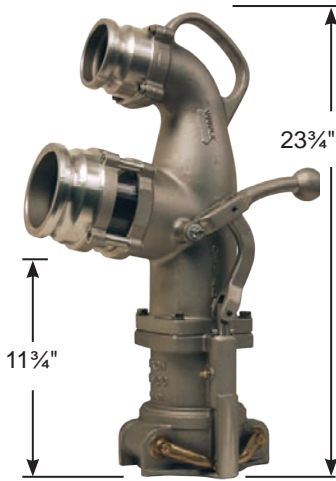


Repair Kits

Part #	Description	Includes	Price/E
VR6230	complete replacement bottom body	1, 2, 3, 22, 23, 24, 25, 26, 27, 28, 29, 30	\$461.00
6200SBK ¹	replacement shoulder bolt pivot, wave washer and flat washer	5, 6, 7	5.30
6200-15ASSM	replacement handle, linkage and linkage pin	8, 9	58.00
6000NPHK	replacement adapter (4) bolts and lock washers	16, 19	6.20
6000EHK	replacement body bolts and lock washers	20, 21	9.10
6200BK	replacement (2) large and small arm bushing	29, 30	44.10
6200SHK ²	replacement stud pivot, nylon washer, bushing and nut	31, 32, 33, 34	16.95

S

Coaxial Drop Elbow



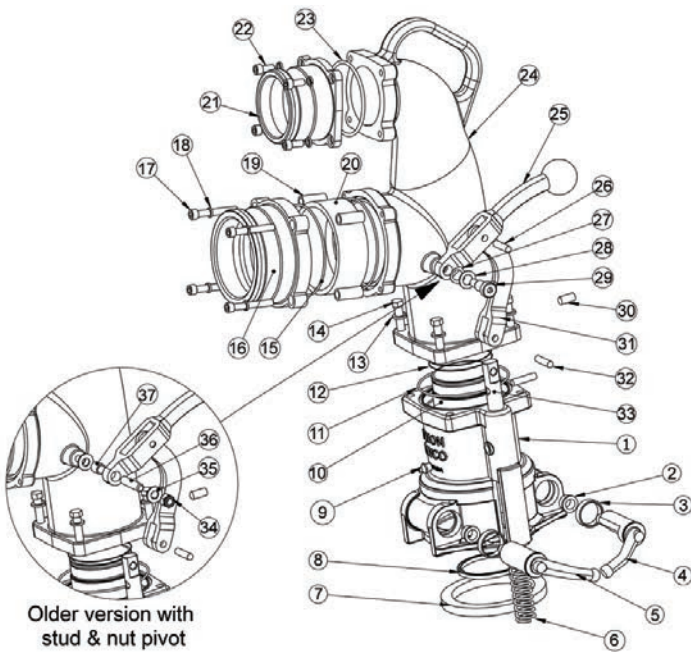
Features:

- for single point vapor recovery only
- 3" male vapor outlet (top)
- comes assembled with 4" male inlet
- quality cast aluminum construction with solid bronze arms
- bolt-on inlets/outlets for easy, fast replacement
- acrylic sight glass with buna seals
- replacement parts are available, please contact Dixon™
- 6400 co-axial inlets do not fit our other elbow series

Inlet	Outlet	Part #	Aluminum	Price/E
4" male	3" male vapor	6400		\$1363.95

6400 Series Coaxial Drop Elbows

Repair Kits



Part #	Description	Includes Item #	Price/E
6230	complete standard	1-7, 9, 11, 32, 33A	\$442.85
6230X	replacement bottom unit	1-7, 9, 11, 32, 33B	520.05
6400ARK	complete tall replacement bottom unit	2-5, 7, 8, 11, 12	186.80
6200BK	replacement L & R arms, main gasket, O-rings, small & large bushings	2, 3	44.10
6400SGK	replacement small & large bushings	15, 20	50.60
6200-15ASSM	replacement sight glass and seal	25, 26, 31	58.00
6000EHK	replacement handle, lever and pin	13, 14	9.10
6400-DTK	replacement bolts and washers	8, 10, 12	114.35
6200SHK	replacement tube, O-ring & U cup seal	34-37	16.95
6200SBK	replacement pivot stud, bushing, washer and lock nut	27-29	5.30

Coaxial Drop Elbow Replacement Fuel Inlets

S



Features:

- for use with 6400 series coaxial elbows only
- rated for petroleum service, Ethanol to E100 and biodiesel to B20

Description	Part #	Aluminum	Price/E
3" adapter fuel inlet	6000-16C		\$99.90
4" adapter fuel inlet	6000-17C		99.90
3" coupler fuel inlet	6000-15C		183.15
4" coupler fuel inlet	6000-14C		183.15

Side Seal Drop Elbow

Features:

- for use with special 4" side seal style fill collars only
- modular, easy to repair, bolt together aluminum construction
- comes with acrylic sight glass with buna seals (2), bronze locking levers and buna main seal
- 4" male adapter inlet and lock ring installed
- replacement parts are available, please contact Dixon™



Description	Part #	Aluminum	
			Price/E
side seal elbow with lock ring and 4" male adapter inlet	6000ASAL		\$829.75

Side Seal Adapter

Features:

- allows conventional elbows to be used with special side seal style fill collars
- bottom connects to side seal fill collar
- top section with standard 4" top seal collar profile to accept clamping of standard 4" drop elbows
- replacement parts are available, please contact Dixon™



Description	Part #	Aluminum	
			Price/E
4" top seal drop elbow adapter x side seal connection	6000-SSA		\$377.15



Tank Truck Flanged Sight Flow Indicators

Features:

- Due to the proprietary blending of petroleum products, Dixon™ recommends that thermoplastic tubing and gaskets be immersion tested in the product to be handled to ensure compatibility (not compatible with crude oil).
- for tank truck flange gaskets, see page 58
- for dimensional information on tank truck flange drilling, see page 839
- maximum flange bolt torque is 200 in-lb (inch pounds)



Features:

- durable cast aluminum housing, replaces competitions all acrylic sight glass as commonly found on tank trucks
- allows for visual identification of the fuel grade prior to opening the valve
- works with tank truck flanged butterfly valves found on gasoline trucks
- low cost sight glass tube can be easily replaced

TTMA pattern flanged short sight flow indicators



Size	Width	Aluminum	
		Part #	Price/E
4"	1 3/4"	5200-SFI	\$180.95
3"	1 3/4"	5200-SFI-3	165.55

repair kits

Part #	Description	Price/E
5200-SFI-3-RK1	3" replacement sight glass, Baylast™ O-ring and retainer ring kit	\$80.75
5200-SFI-3V-RK1	3" replacement sight glass, FKM O-ring and retainer ring kit	149.60
5200-SFI-RK1	4" replacement sight glass, Baylast™ O-ring and retainer ring kit	80.75
5200-SFIV-RK1	4" replacement sight glass, FKM O-ring and retainer ring kit	149.60

Features:

- allows for visual identification of the fuel grade prior to opening the valve
- works with tank truck flanged butterfly valves found on gasoline trucks
- larger ID 4 3/8" flow indicator allows tank truck flanged butterfly valves to connect to either end of the indicator
- pressure rating: **150 PSI**

sight flow indicator with 4 3/8" flow



Size	Width	Aluminum		Opt Qty
		Part #	Price/E	
4"	3 1/4"	5201-SFI	\$256.25	5

replacement parts

Description	Used on	Part #	Price/E
replacement Baylast O-rings, sight glass and retaining ring	5201-SFI	5201-SFI-RK1	\$84.45
Buna-N O-ring		O249BU	4.75

Features:

- allows for visual identification of the fuel grade prior to opening the valve
- 4" flow diameter

sight flow indicator with 4" flow



Size	Aluminum		Opt Qty
	Part #	Price/E	
4"	4-1460-AL	\$190.10	10

replacement parts

Description	Part #	Price/E	Opt Qty
plexiglass insert	4PSG	\$84.00	10
Buna-N O-ring	O246BU	4.25	10

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Fill Pipe Adapters TFA Series Adapters

Feature:

- for use with 3" drop elbows (300-TFG)

Adapter Size	Female NPT	Aluminum Hardcoat Part #	Price/E	Opt Qty
3"	3"	300-TFA	\$62.65	10



Fill Adapters

Features:

- for use with 4" drop and co-axial elbows (6200, 6400 and 6500 series)
- **BZ4051S** has NPSM thread and is supplied with a gasket

Adapter Size	Female Thread	Height	Material	Part #	Price/E	Opt Qty
4"	4" NPSM	2 $\frac{5}{8}$ "	bronze	BZ4051S	\$110.55	5
4"	4" NPT	3 $\frac{1}{2}$ "	bronze	BZ4051	132.50	5



with NPSM thread



with NPT thread

Vapor Recovery Adapters

Features:

- for use with dual point vapor elbows (VR6200 series)
- can also be used as vapor valve on tanker but does not have air interlock mount
- popped vapor collar at station vapor outlet
- low profile design
- replacement parts are available, contact Dixon™ for more information

Adapter Size	Female Thread	Height	Material	Part #	Price/E	Opt Qty
4"	4" NPT	3 $\frac{5}{8}$ "	bronze	VR4086	\$313.25	5
4"	4" NPT	3 $\frac{5}{8}$ "	ZN-AL alloy	VR4086-BY	246.60	5



Fill Pipe Adapter Caps

Features:

- single action aluminum locking cap
- bronze cam arms
- replacement parts are available, contact Dixon™ for more information

Size	Aluminum Part #	Price/E	Opt Qty
4"	SA4050AL	\$106.10	10



API Dust Caps



with cam arms



with locking arms

Size	Description	Aluminum		Opt Qty
		Part #	Price/E	
4" API	with flat Buna gasket and brass cam arms	41450-DCAL	\$159.00	5
	with O-ring Baylast™ seal and brass cam arms	5000-24	127.90	10
	with locking arms	5000-24L	131.85	1

Size	Description	Nylon		Opt Qty
		Part #	Price/E	
4" API	with flat Buna seal and plated steel pad lockable roller lever	5000-25	\$90.85	20

Repair Kits

Part #	Description	Item #	Price/E
4500RK	replacement cam arms, pins and Baylast™ O-ring seal (standard)	2, 3, 4A	\$27.60
4500RK-V	replacement cam arms, pins and FKM O-ring seal (optional)	2, 3, 4B	48.30
5205-RK4	replacement 18" chain and S hook	5	11.10

Gravity Drop Adapters

Application:

- for offloading through an API adapter



4540



4540SG

Adapter Size	Coupler Size	Description	Aluminum	
			Part #	Price/E
3"	4" API	with Baylast™ O-ring seal	4530	\$202.00
3"	4" API	with inline sight glass and Baylast™ flat gasket	4530SG	257.00
3"	4" API	with flat Buna gasket	31440-225AL	183.80
4"	4" API	with Baylast™ O-ring seal	4540	202.00
4"	4" API	with inline sight glass and Baylast™ flat gasket	4540SG	259.45
4"	4" API	with flat Buna gasket	41440-225AL	189.60

repair kits

Description	Part #	Price/E
sight glass repair kit (fits 3" and 4")	4540SG-RK1	\$67.55
replacement cam arms and pins (fits 3" and 4")	4540SG-RK3	30.80
replacement chain and "S" hook	5205-RK4	11.10

replacement gaskets

Description	Material	Part #	Price/E
O-ring replacement seal for 4530, 4540, 5000-24	Baylast	4500-5	\$7.30
flat replacement gasket for 4530SG, 4540SG	Baylast	4540SG-RK2	8.80
flat replacement gasket for 31440-225AL, 41440-225AL, 41450-DCAL	Buna	2143SEALBU	13.00
flat replacement gasket for 5000-25	Buna	5000-25RK1	17.15

4" Vapor Caps

Features:

- special locking cap for underground tank vapor outlet, VR4086, and tanker vapor valves
- bronze cam arms
- aluminum painted vapor recovery orange

Size	Aluminum	
	Part #	Price/E
4"	VR4050AL	\$108.40



Features:

- centered 'T' handle allows for one-handed use and provides a solid locking mechanism
- strong and lightweight
- built-in locking feature
- corrosion resistant materials
- color coded vapor recovery orange
- replacement parts are available, contact Dixon™ for more information

Size	Nylon	
	Part #	Price/E
4"	VR4050PL	\$66.75



Dust Caps and Plugs with Pull Handles for Hose Tubes

Features:

- Pull handles make it easier for tanker operators to remove delivery hoses from the storage tubes; the operator simply grabs the handle and easily pulls the hose out of the storage tube.
- Rugged aluminum constructed parts protect the hose coupling and adapter from damage during transportation and the removal of hoses from the hose storage tube.
- prevents possible environmental issues due to leaking residue left in an open hose

Materials:

- aluminum body, brass cam arms (dust caps), buna seals

Part #	Description	Price/E
300-DC-ALPH	3" aluminum dust cap with pull handle	\$79.80
300-DP-ALPH	3" aluminum dust plug with pull handle	51.50
400-DC-ALPH	4" aluminum dust cap with pull handle	91.85
400-DP-ALPH	4" aluminum dust plug with pull handle	42.15



400-DC-ALPH



400-DP-ALPH



Dust caps and dust plugs are not to be used in pressure applications for safety and environmental reasons.

Tank Transport Equipment

Fusible Pipe Caps



female NPSM

Size	Stainless Steel ¹		Opt Qty	Aluminum		Opt Qty	Iron		Opt Qty
	Part #	Price/E		Part #	Price/E		Part #	Price/E	
3"	300-SFC-SS	\$118.90	10	300-SFC-AL	\$119.55	10	300-SFC-MI	\$120.00	10

Pipe Caps



female NPSM

Size	Stainless Steel ¹		Opt Qty	Aluminum		Opt Qty	Iron		Opt Qty
	Part #	Price/E		Part #	Price/E		Part #	Price/E	
2"	200-PC-SS	\$121.00	--	---	---	--	200-PC-MI	\$40.00	---
3"	300-PC-SS	89.75	10	300-PC-AL	\$44.75	10	300-PC-MI	50.40	10
4"	400-PC-SS	248.00	--	---	---	--	---	---	---

Reducers



female NPSM x male NPT

Female NPSM	Male NPT	Stainless Steel ¹		Opt Qty	Aluminum		Opt Qty	Iron		Opt Qty
		Part #	Price/E		Part #	Price/E		Part #	Price/E	
3"	2"	3020-RD-SS	\$140.00	10	3020-RD-AL	\$75.00	10	3020-RD-MI	\$58.00	10
4"	3"	4030-RD-SS²	570.00	---	4030-RD-AL	128.00	---	---	---	---

² welded fabrication

Reducing Cap



female NPSM x female NPT

Size	Stainless Steel ¹		Opt Qty
	Part #	Price/E	
3" x 1"	3010-RC-SS	\$196.00	10

¹ PTFE gaskets are standard in stainless steel fittings.

Gaskets and Washers

Size	Buna-N		Opt Qty	PTFE		Opt Qty	Neoprene		FKM	
	Part #	Price/E		Part #	Price/E		Part #	Price/E	Part #	Price/E
1½"	---	---	--	150GPCTF	\$5.70	--	---	---	---	---
2"	200GPCBU	\$2.10	25	200GPCTF	4.95	10	KNW25	\$0.85	KVW25	\$10.10
3"	300GPCBU	2.35	25	300GPCTF	6.45	25	KNW35	1.35	KVW35	21.85
4"	---	---	--	400GPCTF	15.00	--	KNW40	2.15	---	---

Tank Transport Equipment - Intermodal Pipe Caps

female BSPP

Size	Aluminum		Stainless Steel ¹		Opt Qty
	Part #	Price/E	Part #	Price/E	
3"	300PCALAP	\$59.95	300PCSSAP	\$102.50	10



Thread Adapters

female BSPP x male NPT

Female BSPP	Male NPT	Stainless Steel ¹	
		Part #	Price/E
3"	2"	3020RDSSAP	\$175.00
3"	3"	3030RDSSAP	255.00



Cam and Groove Adapter

female BSPP

Size	Stainless Steel ¹	
	Part #	Price/E
3"	300ASSAP	\$152.00



¹ PTFE gaskets are standard in stainless steel fittings

Pump Adapters



Features:

- used to convert MBSP pump outlets to MNPT
- hard-coated, extruded 6061-T6 aircraft aluminum alloy
- other sizes, configurations are available, contact Dixon™

Female BSP	Male NPT	Aluminum	
		Part #	Price/E
1½"	1½"	AHA15BSP15T	\$105.70
2"	2"	AHA20BSP20T	138.50
3"	3"	AHA30BSP30T	207.05
4"	4"	AHA40BSP40T	286.40



Bayonet Style Dry Disconnect Couplings

Application:

- ideally suited for the spill-less transfer of petroleum products such as fuel oil, lube oil blending, and tank truck delivery

Feature:

- design ensures a spill free connection, fluid cannot flow until couplings are connected together and the valve is opened; coupling can then not be disconnected until the valve handle is closed
- maximum operating pressure: **85 PSI @ 70° F**, for pressure ratings at other temperatures contact Dixon™

Adapters

bayonet style adapter x female NPT



Size	Seal Material	Stainless Steel		Brass		Aluminum	
		Part #	Price/E	Part #	Price/E	Part #	Price/E
2"	Buna	BA31-200	\$215.75	---	---	---	---
2"	FKM	BA32-200	215.75	---	---	---	---
3"	Buna	---	---	BA31-300	\$523.35	BA61-300	\$479.45
3"	FKM	---	---	BA32-300	523.35	BA62-300	479.45

Dust Cap for Adapters



Feature:

- rubber dust cap with stainless steel chain

Size	Part #	Price/E
2"	BAC-200	\$50.95
3"	BAC-300	56.65

Couplers

- replacement parts are available, contact Dixon™ for more information

bayonet style 90° swivel coupler x female NPT



Size	Seal Material	Anodized Aluminum	
		Part #	Price/E
2"	Buna	BS61-200	\$864.95
2"	FKM	BS62-200	932.90
3"	Buna	BS61-300	1478.20
3"	FKM	BS62-300	1596.10

bayonet style straight coupler x female NPT



Size	Seal Material	Anodized Aluminum	
		Part #	Price/E
2"	Buna	BC61-200	\$687.20
2"	FKM	BC62-200	749.15

bayonet style straight swivel coupler x female NPT



Size	Seal Material	Anodized Aluminum	
		Part #	Price/E
2"	Buna	BSS61-200	\$864.95
2"	FKM	BSS62-200	932.90
3"	Buna	BSS61-300	1396.35
3"	FKM	BSS62-300	1516.20

Dust Plug for Couplers



Feature:

- rubber dust plug with stainless steel chain

Size	Part #	Price/E
2"	BCP-200	\$64.55
3"	BCP-300	73.45

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Ball Nozzles for Bulk Delivery

Features:

- rugged construction, high flow provides rapid fuel oil transfer/delivery
- heavy duty roller ball swivel with low temperature seals freely rotates without leaking at **-40°F** and **100 PSI**
- 3 PSI check valve is included to prevent back flow, 5 PSI is optional

ball nozzle with swivel adapter outlet

Female NPT Inlet	Outlet	Anodized Aluminum	
		Part #	Price/E
1¼"	swivel quick fill nut	BL062	\$729.25
1½"	swivel quick fill nut	BL064	729.25

ball nozzle with spout outlet

Female NPT Inlet	Spout Outlet	Anodized Aluminum	
		Part #	Price/E
1¼"	1¼"	BL066	\$729.25
1½"	1¼"	BL068	729.25
1½"	1½"	BL072	729.25

ball nozzle replacement spouts

Size	Aluminum	
	Part #	Price/E
1¼"	1143A	\$55.50
1½"	1125A	60.40

ball nozzle without spout outlet

Female NPT Inlet	Female NPT Outlet	Anodized Aluminum	
		Part #	Price/E
1¼"	1¼"	BL066NS	\$618.15
1½"	1¼"	BL068NS	619.20
1½"	1½"	BL072NS	618.15

repair kits

Description	Part #	Price/E
inlet swivel seal and wear kit	SWMF-RK2	\$54.25
complete inlet swivel rebuild kit	SWMF-RK3	118.80
1½" FNPT replacement inlet swivel	SWMF-RK4	208.95
1¼" FNPT replacement inlet swivel	SWMF-RK5	208.95
1½" BSPP replacement inlet swivel	SWMF-RK6	208.95
replacement swivel outlet (BL062, BL064)	BL005	100.95
ball valve shaft seal kit	BL-RK4	48.90
complete ball nozzle seal kit	BL-RK10	47.65
optional check valve 5 PSI spring kit	BL-RK11	20.60
standard check valve 3 PSI cartridge kit	BL-RK12	77.00

super ball nozzle with spout outlet

Female NPT Inlet	NPT Spout Outlet	Anodized Aluminum	
		Part #	Price/E
2"	2"	BL920	\$840.05

super ball nozzle replacement spout

Size	Aluminum	
	Part #	Price/E
2"	391137	\$84.45

repair kits

Description	Part #	Price/E
inlet swivel grease nipple kit (optional)	SWMF-RK1	\$16.25
inlet swivel seal and wear kit	SWMF-RK22	32.05
complete inlet swivel rebuild kit	SWMF-RK32	117.25
2" FNPT replacement inlet swivel	SWMF-RK42	240.25
1½" FNPT replacement inlet swivel	SWMF-RK52	240.25
ball valve shaft seal kit	BL-RK42	67.45
complete ball nozzle seal kit	BL-RK102	35.45
optional check valve 5 PSI spring kit	BL-RK112	9.50
standard check valve 3 PSI cartridge kit	BL-RK122	45.50
replacement trigger kit	BL-RK13	70.00



BL062



BL072



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Gravity Utility Nozzles

Application:

- for use with 12 volt pumps and gravity flow fittings in economy fuel dispensing applications

Features:

- manual operation (non-automatic)
- Underwriters Listed
- working pressure: **25 PSI**



Female NPT Inlet	Spout Outlet	Die Cast Zinc Aluminum Part #	Price/E
1"	1" outlet	900 ¹	\$69.50
1"	1" straight	900S	78.45
1"	1" bent	900B	78.45
1"	¾" straight	900W34S	78.43
1"	¾" bent	900W34B	78.43
¾"	¾" straight	900S34 ²	81.75
¾"	¾" bent	900B34 ²	81.75

¹ nozzle body only (no spout)

² ¾" nozzle inlet uses 1" x ¾" reducer bushing, supplied

replacement parts

Description	Part #	Price/E
¾" replacement straight spout	234-80-4	\$12.00
¾" replacement bent spout	234-80-5	18.20
1" replacement straight spout	875-4	12.25
1" replacement bent spout	875-5	13.00
trigger	900TK	5.05
plunger & valve assemblies, cap, O-ring	900SK	20.50

Pressure Nozzle for Bulk Delivery

Features:

- manual operation (non-automatic) for high pressures and fuel flow up to **100 GPM**
- easy opening dash pot design with shockless closing
- detachable trigger ratchet, packing gland and seal
- bronze trigger



without spout

Female NPT Inlet	Female NPT Outlet	GPM @ 10 PSI	Aluminum Part #	Price/E
1¼"	1¼"	80	114DNS	\$406.10
1½"	1½"	100	112DNS	367.50

with spout

Female NPT Inlet	Spout Outlet	GPM @ 10 PSI	Aluminum Part #	Price/E
1¼"	1¼"	80	114D	\$451.45
1½"	1½"	100	112D	394.75

replacement items

Description	Part #	Price/E
aluminum replacement spout for 114D	1143A	\$55.50
aluminum replacement spout for 112D	1125A	60.40
main poppet, 2 nd poppet, cap O-ring, valve stem	112DSK	99.50
blank plate to replace ratchet plate if ratchet not required	114DAL-AV-19	24.75
main and secondary poppets, cap O-ring, valve stem assembly and packing, sleeve stem packing and nut	114DSK	124.40



Overwing Aircraft Nozzles

Features:

- manual operation (non-automatic) for high pressures and fuel flow up to 60 GPM at **20 PSI**
- easy opening dash pot design with shock-less closing
- detachable trigger ratchet, packing gland and seal
- bronze trigger and plastic guard pad to protect wing
- spout comes with cap, spring cord, fine mesh stainless steel screen filter and screw attachment for grounding cable (cable not supplied)

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Female NPT Inlet	Spout Outlet	Aluminum Part #	Price/E
1¼"	1"	114DAVR	\$766.65
1¼"	1¼"	114D-AV	766.65
1½"	1¼"	114D-AV-06ASM	813.45

replacement items

Description	Part #	Price/E
trigger, bushing, pin and cotter pin	114/2D-TK	\$38.05
main & secondary poppet assemblies, cap O-ring, valve stem assembly	114DAV-SK	133.55
1" spout assembly	114DAL-AV-25	154.80
1¼" spout assembly	114DAL-AV-16	109.70

Large Capacity Low Pressure / Gravity Nozzle

Application:

rugged utility nozzle for low pressure/gravity applications

Features:

- rapid flow due to 1¼" oversize design
- maximum operating pressure: **25 PSI**

Female NPT Inlet	Spout Outlet	Aluminum Part #	Price/E
1¼"	1¼"	1250-94	\$259.30

repair kits

Description	Part #	Price/E
plunger, O-rings, valve seal, valve base, valve plate	1250SK	\$16.20



Hose Swivels

Features:

- for use with petroleum and home heating oil hose
- prevents hose twisting or kinking

Hose Shank

Male NPT	Shank Size	Bronze Part #	Price/E
1½"	1½"	1565U	\$153.20

repair kit

Description	Part #	Price/E
replacement seal kit and retaining ring	1500SK	\$20.10



Heavy Duty

Features:

- male NPT x female NPT threaded connections
- heavy duty internal thrust bearing and anti-friction seal design ensures swiveling at **-40°F**
- can be lubricated without disassembly by using the optional grease fitting kit

Male NPT	Female NPT	Aluminum Part #	Price/E
1¼"	1¼"	SWMF125	\$204.70
1½"	1½"	SWMF150	204.70
2"	2"	SWMF200	228.75

repair kits

Description	Part #	Price/E
swivel grease nipple kit	SWMF-RK1	\$16.25
swivel seal and wear kit	SWMF-RK2	54.25
complete swivel rebuild kit	SWMF-RK3	118.80
swivel seal and wear kit	SWMF-RK22	32.05
complete rebuild kit	SWMF-RK32	117.25



Hose Swivels

Features:

- allows the hose to relax to its natural rest position while allowing freedom of movement without adding torque stress at the point of connection
- simple design, low maintenance - consists of 2 body halves, ball bearings and a washer
- male NPT x female NPT threaded connections
- FKM seals standard, Chemraz® and Kalrez® optional
- working pressure: **150 PSI**
- maximum temperature: **300°F (149°C)**


Size	316 Stainless Steel		Aluminum	
	Part #	Price/E	Part #	Price/E
¾"	HS075SS	\$684.45	HS075AL	\$315.60
1"	HS100SS	684.45	HS100AL	315.60
1½"	HS150SS	713.60	HS150AL	370.55
2"	HS200SS	713.60	HS200AL	370.55
3"	HS300SS	1513.10	HS300AL	876.30
4"	HS400SS	2926.25	HS400AL	1695.40



Dixon™ Diesel and Gasoline Nozzles

FuelMaster™ Diesel Nozzles


Application:

- truck stops and terminal operations (not designed for use with gravity flow tanks, small 12 volt or AC utility pumps, farm or consumer pumps) 

Features:

- high flow capacity
- Micro-touch valve provides smooth operation and exceptional flow control
- Roto-matic latch pin provides positive auto shut-off
- pure PTFE packing eliminates stem leaks
- super tough nylon hand guard
- easy to change 'locknut style' spout assembly
- green scuff guard

Optional Features:

- Underwriters Listed versions 
- super tough nylon trigger hold-open clip
- 'no pressure, no flow' (NPNF) safety valve prevents the trigger from being held open if pressure is not present

Materials:

- body and spout: aluminum
- body caps: zinc
- seals: FKM
- poppet disk: FKM
- stem packing: PTFE
- hand-guard and trigger hold open clip: super tough nylon
- trigger: steel
- snap-on cover: plastic
- scuff guard: vinyl

Features:


- with trigger hold-open clip
- non Underwriters Listed nozzle

NPT Inlet	Spout Outlet	Weight (lbs)	Approximate Flow Rate at 20 PSI (GPM)	Part #	Price/E
1"	1-3/16"	3.5	35	DFN100HF	\$219.00
1"	1-3/16"	3.6	45	DFN100SF	304.00



DFN100HF

Features:

- with trigger hold-open clip
- with 'no pressure, no flow' safety valve
- Underwriters Listed nozzle 

NEW


NPT Inlet	Spout Outlet	Weight (lbs)	Approximate Flow Rate at 20 PSI (GPM)	Part #	Price/E
1"	1-3/16"	3.5	35	DFN100HF-NPNF	\$324.75
1"	1-3/16"	3.6	45	DFN100SF-NPNF	341.00

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DFN100SF

Features:

- without trigger hold-open clip
- Underwriters Listed nozzle 

NEW

NPT Inlet	Spout Outlet	Weight (lbs)	Approximate Flow Rate at 20 PSI (GPM)	Part #	Price/E
1"	1-3/16"	3.5	35	DFN100HF-NC	\$273.20
1"	1-3/16"	3.6	45	DFN100SF-NC	375.15

Dixon™ Diesel and Gasoline Nozzles

Big Mouth™ Diesel Nozzle

Application:


- truck stops (not designed for use with gravity flow tanks, small 12 volt or AC utility pumps, farm or consumer pumps)



Features:

- lightweight but strong
- Micro-touch valve provides smooth operation and exceptional flow control
- Roto-matic latch pin provides positive auto shut-off
- pure PTFE packing eliminates stem leaks
- super tough nylon hand guard
- snap-on handle cover makes changing scuff guards easy
- yellow scuff guard

Optional Features:

- Underwriters Listed versions 
- super tough nylon trigger hold-open clip
- 'no pressure, no flow' (NPNF) safety valve prevents the trigger from being held open if pressure is not present

Materials:


- body and spout: aluminum
- body caps: zinc
- seals: FKM / nitrile
- poppet disk: FKM
- stem packing: PTFE
- trigger: steel
- snap-on cover: plastic
- scuff guard: vinyl

Features:

- with trigger hold-open clip
- non Underwriters Listed nozzle

NPT Inlet	Spout Outlet	Weight (lbs)	Approximate Flow Rate at 20 PSI (GPM)	Part #	Price/E
1"	1 1/8"	3	27	DFN100	\$169.00

Features:

- with trigger hold-open clip with 'no pressure, no flow' safety valve
- Underwriters Listed nozzle 

NPT Inlet	Spout Outlet	Weight (lbs)	Approximate Flow Rate at 20 PSI (GPM)	Part #	Price/E
1"	1 1/8"	3	27	DFN100-NPNF	\$257.75




DFN100

NEW

S

Features:

- without trigger hold-open clip
- Underwriters Listed nozzle 

NPT Inlet	Spout Outlet	Weight (lbs)	Approximate Flow Rate at 20 PSI (GPM)	Part #	Price/E
1"	1 1/8"	3	27	DFN100-NC	\$211.95



DFN100-NC

NEW

Dixon™ Diesel and Gasoline Nozzles

Farm and Consumer Nozzles


Application:

- small 12 volt or AC utility pumps, farm or consumer pumps (not designed for use with gravity flow tanks) 

Features:

- Micro-touch valve provides smooth operation and exceptional flow control
- pure PTFE stem packing eliminates leaks
- heavy duty, strong, secure hook makes it easy to hang the nozzle on the pump
- Roto-matic latch pin provides positive auto shut-off
- Smartguard snap-on scuff guard

Optional Features:

- Underwriters Listed versions 
- super tough nylon trigger hold-open clip
- 'no pressure, no flow' (NPNF) safety valve prevents the trigger from being held open if pressure is not present

Materials:

- body and spout: aluminum
- body caps: zinc or nylon
- seals: FKM
- poppet disk: FKM
- stem packing: PTFE
- hand-guard and trigger hold open clip: super tough nylon
- trigger: steel
- snap-on cover: plastic
- scuff guard: vinyl



1" diesel nozzle

Features:

- with trigger hold-open clip
- non Underwriters Listed nozzle


NPT Inlet	Spout Outlet	Weight (lbs)	Approximate Flow Rate at 20 PSI (GPM)	Scuff Guard Color	Service	Part #	Price/E
3/4"	13/16"	2½	18	black	gasoline	DN7UOBF	\$124.00
3/4"	15/16"	2½	23	green	diesel	DN7LOBF	124.00
1"	1-1/8"	3	27	yellow	diesel	DFN100F	229.10

NEW



3/4" gasoline nozzle

Features:

- with trigger hold-open clip
- with 'no pressure, no flow' safety valve
- Underwriters Listed nozzle 


NPT Inlet	Spout Outlet	Weight (lbs)	Approximate Flow Rate at 20 PSI (GPM)	Scuff Guard Color	Service	Part #	Price/E
3/4"	13/16"	2½	18	black	gasoline	DN7UOBF-NPNF	\$167.00
3/4"	15/16"	2½	23	green	diesel	DN7LOBF-NPNF	167.00
1"	1-1/8"	3	27	yellow	diesel	DFN100F-NPNF	274.95

NEW



3/4" diesel nozzle

Features:

- without trigger hold-open clip
- Underwriters Listed nozzle 

NPT Inlet	Spout Outlet	Weight (lbs)	Approximate Flow Rate at 20 PSI (GPM)	Scuff Guard Color	Service	Part #	Price/E
3/4"	13/16"	2½	18	black	gasoline	DN7UOBF-NC	\$130.00
3/4"	15/16"	2½	23	green	diesel	DN7LOBF-NC	130.00
1"	1-1/8"	3	27	yellow	diesel	DFN100F-NC	229.10

NEW

Fuel Nozzle Part Number Cross Reference

Dixon™	M. Carder	OPW	Emco	Husky	Catlow
DN7UOBF	N7UOBF	1AF-40FS	A2501F	XSF-33704	NENLF
DN7LOBF	N7LOBF	11APF-40FS	A2501LF	---	NELF

Dixon™ Diesel and Gasoline Nozzles DEF Automatic Shutoff Nozzle

Application:

- automatic shutoff nozzle designed for diesel exhaust fluid

Features:

- aluminum body double coated inside and out with PTFE baked on at 500°F
- stainless steel spout
- maximum operating pressure: **50 PSI**
- wetted parts: stainless, acetal, PTFE
- FKM-A seals




BSPP Inlet	Spout Outlet	Weight (lbs)	Approximate Flow Rate at 20 PSI (GPM)	Part #	Price/E
3/4"	13/16"	2½	18	DEFN075	\$484.85

Dixon™ High Flow Fuel Nozzles Fueller 100™ Nozzles

Application:

- for fueling trucks, buses, off-road equipment and fuel oil delivery

Features:

- *These nozzles are not to be used with gravity flow tanks.* 
- machined grooves in the spout are designed to hold nozzle more securely in the fill pipe
- high flow, heavy duty automatic nozzle



NPT Inlet	Spout Size	Weight (lbs)	Approx. Flow Rate at 20 PSI (GPM)	Part #	Price/E
1½"	1¾"	6.9	60	DNOG6	\$766.80
	rebuilt Fueller 100™ nozzle			DNOG6RB	545.25



Dixon™ Diesel and Gasoline Nozzles Accessories

Single Plane Hose Swivels



Features:

- aluminum body
- brass hex nut prevents galling in the nozzle
- F-7036 Viton® seals
- nylon cord retainer

Size	Part #	Price/E
3/4" x 3/4"	DAWS34	\$46.50
1" x 1"	DAWS10	70.25



Multi-Plane Hose Swivels

Features:

- brass male end will not gall in nozzle castings
- dual O-rings seal with all fuels
- machined brass sleeve gives smooth seal surface - no leaks
- internal nylon retainer cord secures firmly but allows free rotation

Materials:

- body: machined aluminum casting; male end: machined brass bar stock; sleeve: machined brass bar stock

Size	Part #	Price/E
3/4" male NPT x 3/4" female NPT	DAC3434	\$74.70
1" male NPT x 3/4" female NPT	DAC1034	74.70

Breakaways

Features:

- aluminum body
- brass break rings (2)
- F-7036 Viton® seals
- unique ball valves seal both ends when separated
- design provides consistent and reliable performance
- lightweight
- easy to repair
- 3/4" are Underwriter's Listed



Size	Part #	Separation Force (Lbs)	Price/E
3/4"	DAB34	325	\$68.60
1"	DAB1	325	143.00

Application:

Provides breakaway protection for high capacity fueling operations such as truck and bus terminals, mining, off-road fueling and fuel oil delivery.

Features:

- nickel plated aluminum body
- brass break rings: 4 in 1 1/4" and 1 1/2"; 6 in the 2"
- F-7036 Viton® seals
- check valve - PTFE ball seals both ends when separated



Size	Part #	Separation Force (Lbs)	Price/E
1 1/4"	DAB14	600	\$908.00
1 1/2"	DAB15	600	908.00
2"	DAB2	800	1845.00

S

Full Flow Ball Valves

Features:

- high flow rate; low pressure drop
- wetted parts are aluminum and stainless steel
- FPM seals
- spindle can be disassembled even when ball valve is installed
- working pressure: **150 PSI** at ambient temperature (70°F)
- standard valve ports - female NPT, socket weld for Schedule 40 pipe and grooved
- optional ports include DN flange, butt weld and 150# flange, contact Dixon™ for details
- two ports - one inlet and one outlet

One-Way Valves with Female NPT ends

Size	Aluminum	
	Part #	Price/E
2"	1WAYBV200	\$790.00
3"	1WAYBV300	1050.00
4"	1WAYBV400	1520.00



One-Way with Socket Weld End to Schedule 40 Pipe

Size	Bore	Aluminum	
		Part #	Price/E
2"	2.390"	1WAYBV200SW	\$816.50
3"	3.530"	1WAYBV300SW	1085.75



One-Way with Grooved Ends

Size	Aluminum	
	Part #	Price/E
2"	1WAYBV200VIC	\$1080.00
3"	1WAYBV300VIC	1699.00



Full Flow Ball Valves

Features:

- high flow rate; low pressure drop
- wetted parts are aluminum and stainless steel
- FPM seals
- spindle can be disassembled even when ball valve is installed
- working pressure: **150 PSI** at ambient temperature (70°F)
- standard valve ports - female NPT, socket weld for Schedule 40 pipe and grooved
- optional ports include DN flange, butt weld and 150# flange, contact Dixon™ for details
- three ports - one inlet and two outlets, valve directs the flow from the inlet to either of the two outlets
- commonly used for switching compartments or tanks

Two-Way with Female NPT ends



Size	Aluminum	
	Part #	Price/E
2"	2WAYBV200	\$1100.00
3"	2WAYBV300	1370.00
4"	2WAYBV400	3070.00

Two-Way with Socket Weld End to Schedule 40 Pipe



Size	Bore	Aluminum	
		Part #	Price/E
2"	2.390"	2WAYBV200SW	\$1140.00
3"	3.530"	2WAYBV300SW	1464.25

Two-Way with Grooved Ends



Size	Aluminum	
	Part #	Price/E
2"	2WAYBV200VIC3	\$1490.00
3"	2WAYBV300VIC3	2495.00

Automatic Pressure / Vacuum Relief Caps

Features:

- normally closed, stops fuel evaporation and airborne contaminants
- lockable
- relieves both pressure and vacuum buildup in fuel tanks
- two styles available, choose for stationary or mobile fuel storage tanks as listed below



Note: Pressure/vacuum relief caps should be routinely inspected to ensure correct operation and particularly to ensure that the relieving components are free to move and that the air flow path is unblocked.

For stationary fuel tanks

Feature:

- relieves vacuum at .7 Hg (.33 PSI) and pressure at 2 PSI, 20 SCFM flow

Male NPT	Part # <i>Zinc</i>	Price/E
2"	2000L	\$45.85
2½"	2500L	48.30



For mobile fuel tanks

Feature:

- relieves vacuum relief at 1" Hg (.5 psig), and pressure at between 7.5 and 9 psig

Male NPT	Part # <i>Zinc</i>	Price/E
2"	200-PV-9	\$99.90



Standard Vent Cap

Features:

- allows venting of tank to atmosphere at all times
- also referred to as a breather cap
- aluminum body
- does not have pressure or vacuum valves

Male NPT	Part # <i>Aluminum</i>	Price/E
2½"	2500SFV	\$43.20



Swivel Joints



Applications:

- used wherever a leak-proof swivel connection is needed in pipelines or in combination with hoses to eliminate hose twisting
- Industries range from petroleum, petrochemical, refining, mining, distilling, paint, farm irrigation and fertilizing, wastewater treatment plants and food and beverage process equipment. Dixon™'s swivel joints are found in blending plants, drum filling applications, fluid and dry bulk transfer, vacuum trucks, oil and gas trucks and water trucks. Larger swivels can be found in the steel industry, marine bulk transfer and many more.

Features:

- full 360° rotational movement
- wide spacing between dual ball bearing raceways ensures greater load bearing capacity
- precision-machined design ensures alignment and years of trouble-free service
- O-ring dust seal protects the ball races and seals chamber from outside elements
- radius elbow design ensures a smooth flow pattern
- hydrostatic testing is performed on all swivels before shipment

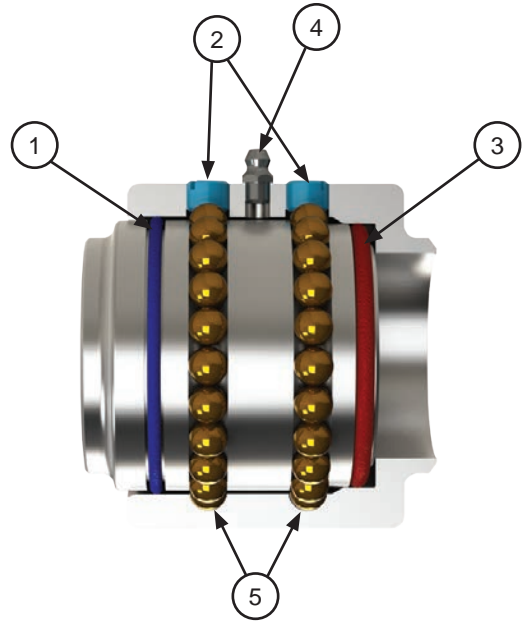
Options Available:

- end configurations: female NPT, 150# flanges, TTMA flange, grooved, weld end and many other variations
- seal options: Buna, FKM, PTFE, EPDM, FDA Buna, FFKM
- ball bearing materials: carbon steel, 440 stainless steel, and 316 stainless steel
- grease materials: Lithium, FDA approved/food grade and silicone
- swivels that include oxygen, steam or submerged service can be specifically designed for unique applications (special order)
- 100% full penetration weld
- re-build kits available
- custom swivel options available, contact Dixon™ at 888.226.4673

O-ring Swivel Joints

O-ring Parts Identification List

1. O-ring (dust) seal
2. ball retainer screw
3. O-ring (pressure) seal
4. grease fitting
5. ball bearings



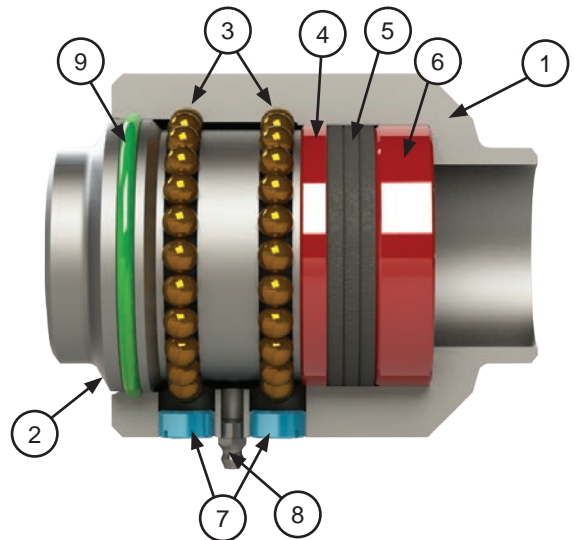
O-ring Features:

- sizes: 1"-4"
- O-ring pressure seal ensures a leak-proof seal and smooth rotation with lower torque.
- available working pressure ratings up to 1000 PSI
- available in carbon steel, 316L stainless steel, aluminum, brass and malleable iron

V-ring Swivel Joints

V-ring Parts Identification List

1. body
2. sleeve
3. ball bearings
4. seal retainer
5. V-ring (pressure) seal
6. spring retainer
7. ball retainer screw
8. grease fitting
9. O-ring (dust) seal



V-Ring Features:

- 2"-12" size range
- spring loaded triple V-ring sealing system ensures a leak-proof seal at either high or low pressure and extends seal life
- available working pressure ratings up to 1000 PSI
- available in carbon steel, 316L stainless steel and limited aluminum

Swivel Joint Styles Planes of Rotation

Single Plane Style 20



female NPT x female NPT



150# ASA flange x 150# ASA flange

Size	Aluminum		Malleable Iron	
	Part #	Price/E	Part #	Price/E
1½"	15020FXFAL00000	\$270.70	15020FXFMI00000	\$342.60
2"	220FXFAL00000	376.15	220FXFMI00000	472.95
3"	320FXFAL00000	435.85	320FXFMI00000	701.10
4"	420FXFAL00000	649.90	---	---

- contact Dixon™ at 888.226.4673 for additional sizes, materials and configurations

Single Plane Style 30



female NPT x female NPT



150# ASA flange x 150# ASA flange

Size	Aluminum		Malleable Iron	
	Part #	Price/E	Part #	Price/E
1½"	15030FXFAL00000	\$295.20	15030FXFMI00000	\$374.05
2"	230FXFAL00000	384.15	230FXFMI00000	519.70
3"	330FXFAL00000	519.70	330FXFMI00000	777.55
4"	430FXFAL00000	697.85	---	---

- contact Dixon™ at 888.226.4673 for additional sizes, materials and configurations

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Swivel Joint Styles Planes of Rotation

Single Plane Style 40



female NPT x female NPT



150# ASA flange x 150# ASA flange

Double Plane Style 50



female NPT x female NPT



150# ASA flange x 150# ASA flange

Double Plane Style 60



female NPT x female NPT



150# ASA flange x 150# ASA flange

Swivel Joint Styles Planes of Rotation

Double Plane Style 70



female NPT x female NPT



150# ASA flange x 150# ASA flange

Triple Plane Style 80



female NPT x female NPT

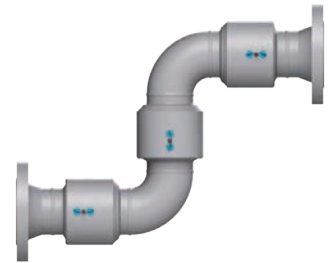


150# ASA flange x 150# ASA flange

Triple Plane Style 10



female NPT x female NPT



150# ASA flange x 150# ASA flange

Working Pressures

Dixon™ swivels are recommended for use at the following maximum Non-Shock Cold Working Pressures (NSCWP) provided in PSI, at ambient temperatures (70°F).

Size	V-ring Carbon Steel CS	O-ring Carbon Steel OC	V-ring Stainless Steel SS	O-ring Stainless Steel OS	Aluminum AL	Brass BR	Malleable Iron MI
1"	---	1000	---	1000	150	---	---
1¼"	---	---	---	---	150	---	---
1½"	---	1000	---	1000	150	300	600
2"	1000	1000	1000	1000	150	300	600
3"	1000	1000	1000	1000	150	300	600
4"	1000	---	1000	---	150	---	---
6"	1000	---	---	---	150	---	---
8"	---	---	---	---	150	---	---

- When using flanged ends, the pressure rating will be reduced to coincide with that of the flange being used. Carbon steel and stainless steel 150# flanges are recommended for use at 275 maximum PSI at ambient temperature (70°F).
- Lubrication should be performed periodically, depending on service and operating conditions. Twice yearly is normally sufficient.
- All dimensions are approximate. Where critical, contact Dixon™ at 888.226.4673

Ordering Information - Swivels

Size	
Style (Shape)	
End Configuration	
Material	
Maximum Working Pressure	
Temperature Range	
Media: specify product being handled (if chemical, advise concentration)	
Submerged or Oxygen Service	
If for constant rotation, advise RPM	
If for suction service, advise maximum vacuum in inches of mercury (Hg)	

Our Sales and Engineering staff will be happy to help you evaluate your swivel application. Please call 888.226.4673

Ordering Information • Swivels

Example: $\frac{2}{[A]}$ $\frac{20}{[B]}$ $\frac{F}{[C]}$ X $\frac{F}{[C]}$ $\frac{CS}{[D]}$ $\frac{0}{[E]}$ $\frac{0}{[F]}$ $\frac{1}{[G]}$ $\frac{0}{[H]}$ $\frac{0}{[I]}$

A Size					
B Style					
C End Connections	W Weld End	F Female NPT	FG 150# ASA Flange	TF Tank Truck Flange	PF 300# ASA Flange (not available in aluminum)
D Material	CS (V-ring) Carbon Steel OC (O-ring) Carbon Steel	SS (V-ring) Stainless Steel OS (O-ring) Stainless Steel	AL Aluminum	BR Brass	MI Malleable Iron

Code	E Pressure Seal	F Dust Seal	G Retainers	H Ball Bearings	I Grease
0	Buna N (Standard)	Buna N (Standard)	No Retainers (O-ring Swivel)	Carbon Steel (Standard)	Lithium
1	FKM	FKM	Aluminum (Standard in CS V-ring)	440 Grade SS	FDA Approved/ Food Grade
2	PTFE	.....	PTFE (Standard in SS V-ring)	316 Grade SS	Silicone (Required with EPR Seals)
3	Ethylene Propylene (Requires Silicone Grease)	Ethylene Propylene (Requires Silicone Grease)	.....	.....	.....
4	FDA Buna (O-ring Only)	FDA Buna	.....	.....	.....



The Swivel should be packed such that the surfaces coming in contact with the fluid being handled are compatible with that fluid. In a case where the swivel is being used in a submerged service, this would include the dust seals and ball bearings. We always recommend the use of the stainless steel ball bearings when building a swivel for submerged service. Standard carbon steel ball bearings could rust together, making it impossible to disassemble the swivel and may affect operation.

TTMA Flanged Breakaway Coupling



Features:

- minimizes spillage and damage associated with drive away and pull away incidents
- installs between an API coupler and loading arm
- coupling automatically senses excessive load, closes the valves and disconnects
- high flow rate / low pressure drop
- **230 PSI** at ambient temperature (70°F)
- FKM/FPM is standard seal

Size	Aluminum Part #	Price/E
4"	SBC400ALTTMA	\$5267.00

TTMA Series Flange Adapters

Features:

- simply and easily converts threaded components to a standard TTMA flange configuration
- solid cast lightweight aluminum design is more durable than welded fabrications
- design improves flow through adapter
- compact size reduces the overall space needed to install
- for flange drilling standards, see page 839

Male Threaded

TTMA flange x standard male NPT



TTMA Flange	Male NPT	Overall Length	Aluminum Part #	Price/E
3"	3"	2½"	TTF3AL-3MT	\$87.50
4"	3"	2½"	TTF4AL-3MT	65.90
4"	4"	2½"	TTF4AL-4MT	61.10

Extended Length - Male Threaded

TTMA flange x extended length male NPT



TTMA Flange	Male NPT	Overall Length	Aluminum Part #	Price/E
4"	3"	5½"	TTF4AL-3EMT	\$87.50
4"	4"	5½"	TTF4AL-4EMT	102.15

Female Threaded

TTMA flange x female NPT



TTMA Flange	Female NPT	Overall Length	Aluminum Part #	Price/E
4"	3"	2½"	TTF4AL-3FT	\$78.35
4"	4"	2½"	TTF4AL-4FT	78.05

Slip-on

TTMA flange x socket weld



TTMA Flange	Pipe Size	Aluminum Part #	Price/E
4"	4"	TTF400SP	\$67.00

Round Tank Truck Flange Gaskets (TTMA)



Size	OD	ID	THK	Material	Part #	Price/E
3"	5-5/8"	3-1/2"	1/8"	Cork / Buna	300GTTFCB	\$3.90
3"	5-5/8"	3-1/2"	1/16"	PTFE envelope with Klinger filler	300GTTFTK	17.25
3"	5-5/8"	3-1/2"	1/8"	Klingsil® C-4401	300GTTFK	9.95
3"	5-7/8"	3-1/2"	1/4"	PTFE with fiber core	40321TF	22.65
4"	6-5/8"	4-9/16"	1/8"	Cork / Buna	400GTTFCB	4.60
4"	6-5/8"	4-9/16"	1/16"	PTFE envelope with Klinger filler	400GTTFTK	23.00
4"	6-5/8"	4-9/16"	1/8"	Klingsil® C-4401	400GTTFK	18.25
4"	6-7/8"	4-9/16"	1/4"	PTFE with fiber core	40322TF	34.00

API Couplers

Features:

- completely modular, coupler can be built with various face seal combinations to be compatible with different alternative fuel / performance levels and applications
- 4" TTMA inlet mounting flange
- 5 cam design for easy alignment and tight connection
- ball-end handle for easy, comfortable operation
- no special tools needed for maintenance
- shaft seals can be changed without removing coupler from loading arm
- link, shaft, pin and crank: hardened 17-4PH stainless steel
- cam: stainless steel
- weight: 20 lbs.
- maximum working pressure: **150 PSI**
- peak surge pressure: 350 PSI
- maximum flow rate: 600 GPM
- pressure drop: 3 to 4 PSI
- replacement parts are available, contact Dixon™

API coupler with bonded nose seal

Seal Material	Operating Temperature	Part #	Price/E
Buna	-20°F to 250°F	5300	\$2343.25
FKM-B	-10°F to 400°F	5300B	2577.60
FKM-GFLT	-20°F to 400°F	5300G	2694.50
FKM-B with stainless wave spring	-10°F to 400°F	5300BC ¹	2580.00

¹ stainless steel internal springs and is recommended for crude oil service

API coupler with replaceable nose seal

Seal Material	Operating Temperature	Part #	Price/E
Buna	-20°F to 250°F	5400	\$2434.95
FKM-B	-10°F to 400°F	5400B	2678.45
FKM-GFLT	-20°F to 400°F	5400G	2799.55

Locking Handle Repair Kit for API Couplers

Description	Part #	Price/E
locking handle kit for 5300BC rack couplers	5354K21	\$245.35



API Valves

Application:

- used for bottom loading and unloading of petroleum tankers, typically mounted to the piping below each tank compartment using the built-in 4" TTMA flange connection

Description	Part #	Price/E
load/unload API valve with sight glass, ALH nose ring	5204	\$777.65
load only API valve without sight glass, ALH nose ring	5204LNG	547.50
load/unload API valve, without sight glass, fixed handle, Baylast™ seal	5204NG	777.65
load only API valve without sight glass, Baylast™ seal, stainless steel springs	5204LSNG	643.75
load only API valve without sight glass, Baylast™ seal, stainless steel springs with ½" FNPT drain port	5204LSNGP	721.00



5204NG



5204LNG

API Compatible Rack Cords

Features:

- highly visible safety orange jacket to meet trip hazard requirements
- cord is bonded mechanically and resistant to abrasion and oil
- Cord sets are interchangeable with Scully and Civacon. All wiring is compatible with standard Scully color codes and wiring number configurations. The 9 pin conductor is shielded to be compatible with Scully VIP system.
- plug body is reinforced nylon and is color coded Optic Blue or Thermistor Green
- button contacts are 316 stainless steel to prevent corrosion
- all other hardware is stainless steel

Model FT600

API thermistor assemblies



Description	Part #	Price/E
plug with 30' coiled cable	FT600	\$1099.15
plug with 30' coiled cord for Canada	FT600C	1099.15
plug with 20' straight cable	FT600S	1045.95
plug with 20' straight cord for Canada	FT600SC	1045.95

replacement parts and accessories

Description	Part #	Price/E
replacement plug body	FT601	\$568.00
replacement plug body for Canada	FT601-10	568.00
replacement 30' coiled cable	FT602	620.00
plug hanger	FT603	330.50

Model FT620

API optic assemblies



Description	Part #	Price/E
plug with 30' coiled cable	FT620	\$1099.15
plug with 20' straight cable	FT620S	1045.95

replacement parts and accessories

Description	Part #	Price/E
replacement plug body	FT621	\$585.05
replacement 30' coiled cable	FT622	620.00
plug hanger	FT623	340.45

Reelcraft® Static Discharge Reels

Applications:

- Used to ground equipment in hazardous atmospheres, such as fuel trucks or carts transferring flammable materials. When properly clamped to ground, the static discharge reel dissipates static electrical buildup, reduced the chances of sparking and the potential for explosion.

Features:


- supplied with a 3/32" OD steel aircraft cable
- DC resistance is approximately one ohm per 50' of steel cable



Description	Part #	Price/E
single 7" x 7" stranded steel	G3050	\$675.00

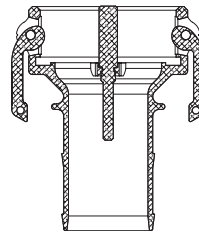
Dixon™ Vapor Recovery Couplers

Features:

- not intended for liquid service, for vapor recovery *only* 
- bronze arms with stainless steel pins
- plated carbon steel finger rings
- Buna-N gasket

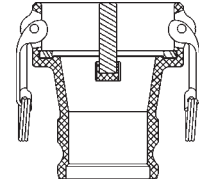
coupler with probe x hose shank

Coupler Size	Hose Shank Size	Aluminum	
		Part #	Price/E
4"	3"	4030-CVR-AL	\$129.10
4"	4"	400-CVR-AL	137.00



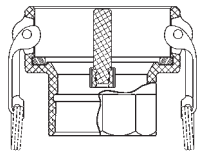
coupler with probe x adapter

Coupler Size	Adapter Size	Aluminum	
		Part #	Price/E
4"	3"	4030-DAVR-AL	\$139.50



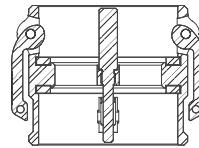
coupler with probe x female NPT

Coupler Size	Female NPT Size	Aluminum	
		Part #	Price/E
4"	3"	4030-DVR-AL	\$155.00
4"	4"	400-DVR-AL	157.30




coupler with probe x coupler with probe

Coupler Size	Coupler Size	Aluminum	
		Part #	Price/E
4"	4"	400-DDVR-AL	\$160.00



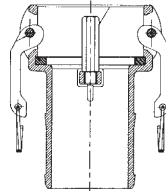
Dixon™ Bayco Vapor Recovery Couplers

Features:

- not intended for liquid service, for vapor recovery *only* 
- for use with 3" vapor hose
- cast aluminum body, bronze arms with stainless steel pins and finger rings
- Buna-N gasket
- VR4030CS-AL has a FKM O-ring poppet seal

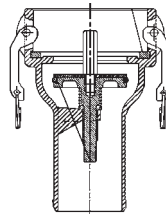
coupler with probe x hose shank


Coupler Size	Hose Shank Size	Aluminum	
		Part #	Price/E
3"	3"	VRC3000AL	\$144.05



coupler with poppet and probe x hose shank

Coupler Size	Hose Shank Size	Aluminum	
		Part #	Price/E
4"	3"	VR4030CS-AL¹	\$213.25



¹ VR4030CS-AL will interchange with all competitor vapor valves *except* Civacon #633LVH (special bulb design). 

coupler with "floating bridge" poppet x hose shank

Coupler Size	Hose Shank Size	Aluminum	
		Part #	Price/E
4"	4"	VR4040CS-AL	\$412.00



repair kits

Description	Part #	Price/E
seal repair kit: gasket, machine screw and FKM O-ring	VR4040CSRK1	\$21.35
cam arm repair kit: paddle arm and cam arm pin	VR4040CSRK2	74.35



TTMA Flange Extensions



TETF4AL



TETFG4AL

Application:

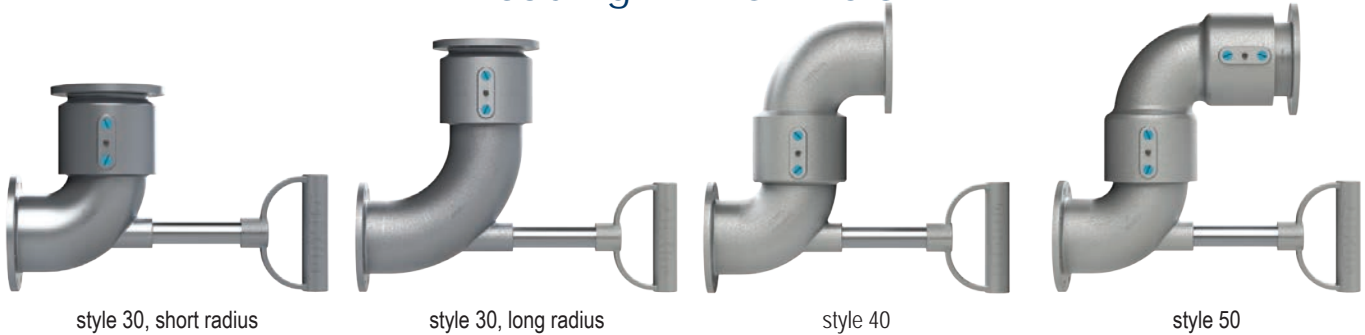
- Used on load arms to connect an API load coupler to the load arm, provides a specified parting point to prevent excessive damage to the loading arm.

Feature:

- adds a 6" space between the load arm and the tank truck

Size	Description	Aluminum	
		Part #	Price/E
4"	TTMA flange extension	TETF4AL	\$130.00
4"	TTMA flange extension with groove	TETFG4AL	133.50

Loading Arm Swivels



style 30, short radius

style 30, long radius

style 40

style 50

Features:

- TTMA loading arm swivel with heavy duty D style shovel handle
- TTMA flanges on both ends
- shovel handle is used to guide the API load coupler onto the adapter on the tank truck
- long radius elbow improves the flow into the API load coupler and provides spacing between the load arm and the tank truck
- can be used with flange extensions above

Size	Description	Aluminum	
		Part #	Price/E
4"	Style 30 short radius, with handle, TTMA x TTMA flanges w/ Buna seals	43HTFXTFAL00000	\$1200.00
4"	Style 30 short radius, with handle, TTMA x TTMA flanges w/ FKM seals	43HTFXTFAL11000	1230.00
4"	Style 30 short radius, without handle, TTMA x TTMA flanges w/ Buna seals	430TFXTFAL00000	1150.00
4"	Style 30 short radius, without handle, TTMA x TTMA flanges w/ FKM seals	430TFXTFAL11000	1280.00
4"	Style 30 long radius, with handle, TTMA x TTMA flanges w/ Buna seals	43HTFTFLAL00000	1250.00
4"	Style 30 long radius, with handle, TTMA x TTMA flanges w/ FKM seals	43HTFTFLAL11000	1280.00
4"	Style 30 long radius, without handle, TTMA x TTMA flanges w/ Buna seals	430TFTFLAL00000	1200.00
4"	Style 30 long radius, without handle, TTMA x TTMA flanges w/ FKM seals	430TFTFLAL11000	1230.00
4"	Style 40 with handle, TTMA x TTMA flanges w/ Buna seals	44HTFXTFAL00000	1400.00
4"	Style 40 with handle, TTMA x TTMA flanges w/ FKM seals	44HTFXTFAL11000	1430.00
4"	Style 40 without handle, TTMA x TTMA flanges w/ Buna seals	440TFXTFAL00000	1350.00
4"	Style 40 without handle, TTMA x TTMA flanges w/ FKM seals	440TFXTFAL11000	1380.00
4"	Style 50 with handle, TTMA x TTMA flanges w/ Buna seals	45HTFXTFAL00000	1600.00
4"	Style 50 with handle, TTMA x TTMA flanges w/ FKM seals	45HTFXTFAL11000	1630.00
4"	Style 50 without handle, TTMA x TTMA flanges w/ Buna seals	450TFXTFAL00000	1550.00
4"	Style 50 without handle, TTMA x TTMA flanges w/ FKM seals	450TFXTFAL11000	1580.00

Type 35 Loading Arm Swivel Replacement Parts

Description	Part #	Price/E
4" schedule 80 aluminum nipple	ATN100X7	\$25.00
D style heavy duty shovel handle	100DHAN-AL	46.90
buna seal kit	4RKOBU	38.90
FKM seal kit	4RKOVIVI	60.65

PTFE Tape

American Made PTFE Tape (*Purple*)

Features:

- thickness: 3.5 mil (0.0035 mm)
- temperature range: **-450°F to 500°F**
- superior quality
- not for use in oxygen applications



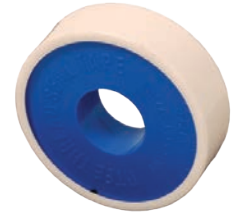
Size	Length	Part #	Price/E
1/2"	520"	TTPM50-520	\$5.20
1/2"	700"	TTPM50-700	5.80
1/2"	1429"	TTPM50-1429	10.30
3/4"	520"	TTPM75-520	7.00
3/4"	700"	TTPM75-700	7.60
3/4"	1429"	TTPM75-1429	13.70
1"	520"	TTPM100-520	8.50
1"	700"	TTPM100-700	9.70
1"	1429"	TTPM100-1429	17.60

Industrial PTFE Tape (*White*)

Features:

- thickness: 3.5 mil (0.0035 mm)
- temperature range: **-212°F to 500°F**

Size	Length	Part #	Price/E	Opt Qty
1/2"	260"	TTA50	\$0.90	500
1/2"	520"	TTB50	1.75	500
1/2"	1296"	TTC50	4.50	500
3/4"	260"	TTA75	1.45	350
3/4"	520"	TTB75	2.70	350
1"	520"	TTB100	2.85	250

Stainless Steel PTFE Tape (*Gray*)

Features:

- thickness: 4 mil
- temperature range: **-450°F to 550°F**
- useful on stainless steel threaded joints or connections
- PTFE with nickel added, nickel acts like a ball bearing

Size	Length	Part #	Price/E	Opt Qty
1/2"	260"	TTA50SS	\$15.70	10

Industrial Heavy Duty PTFE Tape (*Pink*)

Features:

- thickness: 4 mil
- temperature range: **-400°F to 500°F**

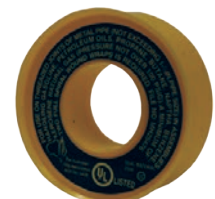
Size	Length	Part #	Price/E	Opt Qty
1/2"	540"	TTBP50	\$7.50	500

PTFE Tape for LP Gas (*Yellow*)

Features:

- thickness: 4 mil
- maximum temperature: **500°F (260°C)**
- Underwriters Listed

Size	Length	Part #	Price/E	Opt Qty
1/2"	260"	TTA50LP	\$4.95	500



U

Thread Sealant Paste


Features:

- temperature range: **-300°F to 500°F**
- do not use with oxygen

Size	Part #	Price/E	Opt Qty
¼ pint	LCTS14	\$14.75	24
½ pint	LCTS1	21.55	24
1 pint	LCTS2	33.75	12
1 quart	LCTS3	60.35	12

Joint Sealant Gasket Material

Features:

- GORE-TEX® interchangeable
- Form-In-Place expanded PTFE gasket material with adhesive backing
- manufactured from 100% virgin PTFE
- unaffected by all common chemicals (pH from 0-14)
- unlimited shelf life
- resilient with low cold flow
- requires less force than standard gasket materials
- pressure range: vacuum to 3000 PSI
- temperature range: **-450°F to 600°F**
- made in the USA
- FDA compliant #21CFR177.1550
- larger spools are available, consult Dixon™ for price and availability



Size	Length	Part #	Price/E
¼"	20'	LCJS4-20	\$69.45
¼"	50'	LCJS4-50	159.55
⅜"	25'	LCJS6-25	127.50
½"	15'	LCJS8-15	127.50
¾"	15'	LCJS12-15	291.85

Leak Detector

Features:

- detects leaks by forming bubbles which remain for up to ten minutes
- will not cause corrosion or deterioration
- color: fluorescent yellow
- non-toxic, non-freezing
- temperature range: **-7°F (-20°C) to 180°F (82°C)**
- meets Federal specification MIL-L-25567-C



Size	Part #	Price/E	Case Qty
8 oz.	LCLD	\$11.90	24

Dixon™ Coupling Lubricant

Application:

- For use in assembly operations involving natural or synthetic rubber or plastic. Also an excellent lubricant when rubber or plastic needs to be cut, machined, pressed, turned, trimmed or ground. Once coupling lubricant dries, slipping action goes away.

Feature:


- biodegradable lubricant for coupling shanks, O-rings, hoses, sleeves, rubber washers and grommets.



Size	Part #	Price/E
1 liter	DCL20	\$36.50
4 liters	DCL80	94.50

WD-40 Smart Straw

Features:

- permanently attached straw
- flip up for a precision spray; flip down for regular spray action
- sold in case quantities only
- should not be used as a lubricant for coupling shanks 



Size	Part #	Price/E	Case Qty
11 oz.	WD40	\$21.00	12

Coupling Inserter for Large Hose

Features:

- inserts 4", 5", 6", 8", 10" and 12" couplings
- includes CI96AH pump (shown below)
- portable
- coupling inserter pusher plates (not shown) must be purchased separately

Part #		Price/E
CI9		\$5820.00
Hose ID	Part #	Price/E
4" - 5"	45CIPUSH	\$300.00
6" - 8"	68CIPUSH	380.00
10" - 12"	1012CIPUSH	530.25



Coupling Inserters

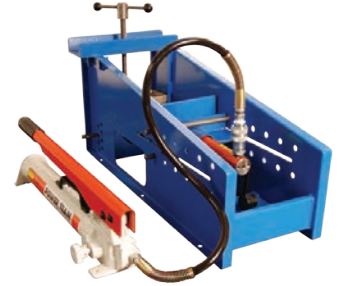
Application:

for insertion of hose shanks into hose with a 2¼" to 7¼" OD

Description	Part #	Price/E
inserter with 10,000 PSI hand pump and 5 ton ram	CI96	\$6450.00
inserter with 10,000 PSI air/hydraulic pump and 5 ton ram	CI96AH	7850.00
Small jaws for 1" to 3" OD hose	CI9311SML	189.00



CI96AH



CI96

Hand Hydrotest Pump

Application:

designed for use in testing pipe lines, pressure tanks and pressure vessels

Features:

- stainless steel piston, aluminum body
- uses efficient and long lasting check valves
- cylinder displacement: 1.37 cubic inches
- 0-1000 PSI pressure gauge, 10' pressure hose and quick disconnect coupler included
- piston: 7/8" with 2" stroke

Inlet NPT	Outlet NPT	Working Pressure PSI	Part #	Price/E
½"	½"	1000	HHTP	\$2233.60



Hung Up On Dixon™ Hose Racks

Application:

can be used for fire or water hose

Features:

- aluminum
- 5 pre-drilled 5/16" mounting holes for easy mounting
- two racks can be bolted face to face to create extra hose capacity

Description	Dimensions	Weight (lbs.)	Part #	Price/E
single hose rack	19-1/2" x 6" x 9-3/16"	3.5	DHR1	\$222.30
double hose rack	19-1/2" x 12" x 9-3/16"	9.5	DHR2	460.00



DHR1
single hose rack



DHR2
double hose rack
(hose not included)

Hydrostatic Test Pumps

A safe, cost effective pump to test hose before putting it into service.

Electric



Features:

- 1.3 GPM hose fill rate (.28 GPM @ 2000 PSI)
- test pressure: **200 to 2000 PSI**
- suction strainer keeps dirt out of pump
- high pressure test gauge
- 115v motor
- 2' power cord
- easy to use, portable

Pneumatic



Features:

- 5.5 GPM fill rate
- test pressure: **0 to 1500 PSI**
- stainless interior
- air gauge for quick, easy adjustment of maximum test pressure
- high pressure test gauge
- filter/regulator for clean, dry air to ensure long life of unit
- on - off valve for air input
- 15' of hose included
- easy to use, portable
- Use of coalescing filter and water filter recommended for prolonged life.

Description	Part #	Price/E
electric test pump	ETP	\$4600.00

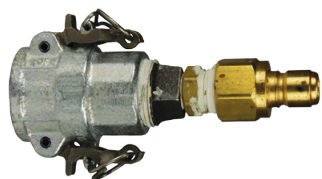
Description	Part #	Price/E
pneumatic test pump	PTP	\$6375.00

Hydrostatic Test Pump Accessories

Features:

- cost effective, pre-assembled caps or plugs allow quick set up for testing hoses
- caps and plugs equipped with 1/2" brass straight-through plug for quick attachment to the intermediate hose on the test pump (Pneumatic Test Pump) and bleed-off valve

cam & groove test caps for male adapters



Size	Iron / Steel	
	Part #	Price/E
1"	ID100TC	\$190.00
1½"	ID150TC	300.00
2"	ID200TC	196.50
3"	ID300TC	350.00
4"	ID400TC	536.00

cam & groove test plugs for female couplers



Size	Iron / Steel	
	Part #	Price/E
1"	IA100TP	\$150.00
1½"	IA150TP	175.00
2"	IA200TP	175.00
3"	IA300TP	380.00
4"	IA400TP	410.00

female NPT test caps



Size	Iron / Steel	
	Part #	Price/E
1"	NPT100TC	\$135.00
1½"	NPT150TC	170.00
2"	NPT200TC	200.00
3"	NPT300TC	350.00
4"	NPT400TC	410.00

male NPT test plugs



Size	Iron / Steel	
	Part #	Price/E
1"	100TP	\$220.00
1½"	150TP	250.00
2"	200TP	240.00
3"	300TP	300.25
4"	400TP	405.00



bleed-off valve

Description	Part #	Price/E
for pneumatic test pump	IBV50BOV	\$89.80

FRL Attachment Accessories

Description	Part #	Price/E
3/8" Wilkerson modular coalescing filter (automatic drain)	M16-03A	\$296.45
3/8" Wilkerson modular coalescing filter (manual drain)	M16-03M	237.85
modular sleeve needed to connect M16-03A or M16-03M	GPA-95-292	17.00

Screw Pitch Gauge

Features:

- used to determine threads per inch
- 30 leaves

Stainless Steel Part #	Price
TPG	\$224.25



Spill Kits

Features:

- easily stored behind a seat or in a storage compartment allowing drivers to act quickly when responding to a spill
- poly-zip bag and bucket kits feature:
 - 10 pads (15" x 19")
 - 3 socks (3" x 4')
 - 2 disposal bags with ties
 - 1 pair nitrile gloves

Part #	Description	Price/E
DSK5-O	oil only, in 6½ gallon pail	\$122.10
DSK5-U	universal, in 6½ gallon pail	118.40
DSKB-O	oil only, in clear poly bag with zipper	85.10
DSKB-U	universal, in clear poly bag with zipper	80.15



universal spill kit



oil spill kit

Heavy-Duty Lava Hand Cleaner

Features:

- heavy duty hand cleaner with pumice
- 7.5 fl oz pump bottle
- sold in case quantity only

Part #	Case Qty	Price/E
LAVA221	12	\$11.50



Dixon™ Soft Hose Mallet

Features:

- soft mallet for pounding metal objects without damaging them
- The head material will not crack and is firmly attached to strong shaft-handle.
- length: 23"
- weight: 10 lbs.

Part #	Price/E
DCM1	\$375.00



Dixon™ Hose Knife

Features:

- for fast cutting of rubber hose and belting
- guard protects hand while cutting

Part #	Price/E
DRK15	\$24.35



Diameter Tape

Features:

- 6' tape for quickly finding the outside diameter of any cylindrical object
- converts circumference to OD at the measured point
- ABS case

Part #	Price/E
DDT1	\$18.25



Torque Wrenches

Micrometer Adjustable C Series Torque Wrenches



Features:

- 36 tooth quick release ratchet head
- certification readings and individual instrument serial number are included
- Each torque instrument, as calibrated at the factory, is certified to meet the accuracy specified in ANSI B107.14M-1994 and was calibrated on a torque standard that is traceable to the National Institute of Standards Technology (NIST)
- accurate to ±3% and ±5% CCW of full scale

Plated Steel Part #	Drive	Range		Length	Price
		In-Lb	Ft-Lb		
C1001	¼"	20 - 100	---	11"	\$360.00
C2001	¼"	40 - 200	---	16"	360.00
C1002	⅜"	---	15 - 100	17"	390.00
C1503	½"	---	20 - 150	24"	400.00
C2503	½"	---	30 - 250	24"	420.00

Micrometer Adjustable Heavy Duty Industrial Torque Wrenches



Features:

- 24 tooth quick release ratchet head
- click type wrench
- equipped with ¾" or 1" dual direction quick release, 24 tooth ratchet
- precision roll marked scale
- polished durable bright chrome finish
- fully repairable and easily calibrated
- calibrated to +/-3% at any setting
- meets ASME B107.14B

Part #	Drive	Range Ft-Lb	Length	Price
C4504	¾"	50 - 450	41.9"	\$1100.00
C6004	¾"	100 - 600	49.8"	1250.00
C7504	¾"	150 - 750	49.8"	1400.00
C6005	1"	100 - 600	49.8"	1320.00
C7505	1"	150 - 750	49.8"	1600.00

Electronic Torque Wrenches

Features:

- 24 tooth quick release ratchet head
- 5 alphanumeric digit display, 4 keys: up, down, mode, unit
- 3 colored lights, vibration and audible alarm
- unit: ft-lb, in-lb and Nm.
- mode: Peak Hold
- torque setting from 5% to 100% of full scale
- accuracy torque ±1% both CW and CCW from 10%-100% of Indicate value
- 2 AA batteries provide up to 500 hours of continuous use
- ISO-6789-2003 and ASME B107-2005 Standard compliant
- Certificate of N.I.S.T. traceability for 10% to 100% of full scale

Part #	Drive	Range		Length	Wt in Lbs.	Price
		In-Lb	Ft-Lb			
DW2501	¼"	12.5 - 250	1 - 20.7	13"	2.8	\$590.00
DW1002	⅜"	60 - 1200	5 - 100	18"	3.4	590.00
DW2503	½"	150 - 3000	12.5 - 250	26.5"	4.8	720.00



Torque Wrenches

Torque and Angle Meter Pro

Features:

- 5 alphanumeric digit display, 4 keys: up, down, mode, unit
- 3 colored lights, vibration and audible alarm
- unit: ft-lb, in-lb and nM
- mode: Track, Peak Hold and Angle
- torque setting from 5% to 100% of full scale
- accuracy torque $\pm 1\%$ both CW and CCW from 10% - 100% of Indicate value
- accuracy angle: $\pm 1^\circ$ of reading $\pm 1^\circ$ from 1° to 360°
- angle setting: 5° to 360° , angular velocity $>4^\circ/\text{sec}$ and $<200^\circ/\text{sec}$
- Li-Ion rechargeable battery provides up to 200 hours use per charge
- ISO-6789-2003 and ASME B107-28-2005 Standard compliant
- Certificate of N.I.S.T. traceability for 10% to 100% of full scale

Part #	Drive	Range		Length x Width	Price
		In-Lb	Ft-Lb		
SPA502	$\frac{3}{8}$ "	30 - 600	2.5 - 50	3.5" x 2.1"	\$630.00
SPA1002	$\frac{3}{8}$ "	60 - 1200	5 - 100	3.5" x 2.1"	640.00
SPA1503	$\frac{1}{2}$ "	90 - 1800	7.5 - 150	3.75" x 2.1"	650.00
SPA2503	$\frac{1}{2}$ "	150 - 3000	12.5 - 250	3.75" x 2.1"	670.00
SPA4004	$\frac{3}{4}$ "	240 - 4800	20 - 400	4.5" x 2"	830.00
SPA6004	$\frac{3}{4}$ "	360 - 7200	30 - 600	4.5" x 2"	1100.00



Torque and Angle Meters

Features:

- 4 alphanumeric digit display, 4 keys: up, down, mode, unit
- 3 colored lights, vibration and audible alarm
- unit: ft-lb, in-lb and nM
- mode: Peak Hold and Angle
- torque setting from 5% to 100% of full scale
- accuracy torque $\pm 2\%$ both CW and CCW from 10% - 100% of Indicate value
- accuracy angle: $\pm 1^\circ$ of reading from 1° to 180°
- angle setting: 5° to 180° , angular velocity $>10^\circ/\text{sec}$ and $<200^\circ/\text{sec}$
- 3 AAA battery provides up to 200 hours of continuous use
- ISO-6789-2003 and ASME B107-28-2005 Standard compliant
- Certificate of N.I.S.T. traceability for 10% to 100% of full scale

Part #	Drive	Range		Length x Width	Price
		In-Lb	Ft-Lb		
TA502	$\frac{3}{8}$ "	30 - 600	2.5 - 50	3.5" x 2.1"	\$470.00
TA1002	$\frac{3}{8}$ "	60 - 1200	5 - 100	3.5" x 2.1"	470.00
TA1503	$\frac{1}{2}$ "	90 - 1800	7.5 - 150	3.75" x 2.1"	530.00
TA2503	$\frac{1}{2}$ "	150 - 3000	12.5 - 250	3.75" x 2.1"	530.00



Torque Meters

Features:

- 4 alphanumeric digit display, 4 keys: up, down, mode, unit
- 3 colored lights, vibration and audible alarm
- unit: ft-lb, in-lb and nM
- mode: Peak Hold and Angle
- torque setting from 5% to 100% of full scale
- accuracy torque $\pm 2\%$ both CW and CCW from 10% - 100% of Indicate value
- 3 AAA battery provides up to 400 hours of use per charge
- ISO-6789-2003 and ASME B107-28-2005 Standard compliant
- Certificate of N.I.S.T. traceability for 10% to 100% of full scale

Part #	Drive	Range		Length x Width	Price
		In-Lb	Ft-Lb		
TM502	$\frac{3}{8}$ "	30 - 600	2.5 - 50	3.5" x 2.1"	\$375.00
TM1002	$\frac{3}{8}$ "	60 - 1200	5 - 100	3.5" x 2.1"	375.00
TM1503	$\frac{1}{2}$ "	90 - 1800	7.5 - 150	3.75" x 2.1"	430.00
TM2503	$\frac{1}{2}$ "	150 - 3000	12.5 - 250	3.75" x 2.1"	430.00



Stretch Straps

Features:

- durable tie down straps
- made of EPDM
- length does not include S-hooks
- S-hooks are steel



Length	Part #	Price/E
10"	SSE10	\$3.00
15"	SSE15	3.80
21"	SSE21	4.40
31"	SSE31	5.20
41"	SSE41	6.25

WARNING!!

Failure to comply with this warning may result in serious damage and/or personal injury.
Maximum end to end safe stretch = 150% of length

- do not exceed maximum safe stretch
- inspect before each use, do not use if strap is cut, cracked or abraded
- inspect hooks for damage and/or wear. Replace if needed.
- protect strap from sharp edges or heat.
- wear eye protection during use
- do not use this product as the primary tie down
- refer to federal or state regulations for proper tie down methods

Safety Tag

Features:

- Dixon™ strongly recommends the use of a safety tag or warning label on all hose assemblies.
- sold in quantities of 100 only



Length	Width	Part #	Price/E
5"	2 3/8"	DWL100	\$0.40

WARNING!!

- worn-out hose fittings should be replaced
- loose clamps on hose can be dangerous
- bolt type clamps should be retensioned regularly
- for extra safety, retaining devices such as clips, chains or cables must be used

Safety Tape

Features:

- Dixon™ strongly recommends the use of a safety tag or warning label on all hose assemblies.
- length of tape - 55 yards, approximately 255 warnings



Size	Part #	Price/E
1 1/2"	DSTW	\$22.00

WARNING!!

- worn-out hose fittings should be replaced
- loose clamps on hose can be dangerous
- bolt type clamps should be retensioned regularly
- for extra safety, retaining devices such as clips, chains or cables must be used

Weatherproof First Aid Kit

Features:

- polypropylene case
- kit supports 25 persons
- each kit includes:
adhesive strips, large wound pads, eye pads, triangular bandage, first aid / burn cream, eye flush, elastic bandages, scissors, forceps, first aid instructions, gauze pads, adhesive tape, antiseptic towelettes, aspirin, cold pack, latex exam gloves
- 10 person and 50 person kits are also available, consult Dixon™ for price and availability



Weight	Part #	Price/E
1.8 lbs.	FAK25P	\$81.35

U

Spiral Hose and Cable Protection

Application:

- used in mining, quarrying, forestry, offshore industries and most hydraulic hose applications

Features:

- crush and high abrasion resistance
- chemical and UV ray resistant
- self-lubricating to reduce hose wear
- easy to install on-site
- smooth radius on all edges
- can be used on single or multiple hose bundles
- spiral guard ID is equal to the guard at rest
- sold in coil lengths only



Standard



Flame Retardant

Flame Retardant Product

Features:

- approved by MSHA #1C-264/0
- tested to: AS 2600, AS1180.10B, AS 1180.13A
- flame retardant, self extinguishing, anti static
- temperature range: **-148°F to 262°F**, (-100°C to 100°C)
- color: black

Nominal ID	Coil Length	OD Range (inches)	Part #	Price/E
0.45"	66'	.47" to .86"	FRSGX16	\$229.00
0.55"	66'	.62" to 1.06"	FRSGX20	296.00
0.80"	66'	.86" to 1.37"	FRSGX25	372.00
1.00"	66'	1.06" to 1.69"	FRSGX32	659.95
1.26"	66'	1.30" to 2.17"	FRSGX40	848.00
1.50"	66'	1.65" to 2.52"	FRSGX50	1184.75
2.00"	66'	2.05" to 2.95"	FRSGX63	1540.00
2.40"	66'	2.56" to 3.80"	FRSGX75	2012.00
2.83"	66'	3.15" to 4.30"	FRSGX90	2362.00
3.43"	33'	3.80" to 4.90"	FRSGX110	1563.00

Standard Product

Features:

- not flame retardant
- temperature range: **-40°F to 248°F**, (-50°C to 90°C)

Nominal ID	Coil Length	OD Range (inches)	Part #	Price/E
0.45"	66'	.47" to .86"	NFSGX16	\$102.50
0.55"	66'	.62" to 1.06"	NFSGX20	142.90
0.80"	66'	.86" to 1.37"	NFSGX25	197.20
1.00"	66'	1.06" to 1.69"	NFSGX32	282.60
1.26"	66'	1.30" to 2.17"	NFSGX40	419.25
1.50"	66'	1.65" to 2.52"	NFSGX50	549.70
2.00"	66'	2.05" to 2.95"	NFSGX63	754.65
2.40"	66'	2.56" to 3.80"	NFSGX75	1080.70
2.83"	66'	3.15" to 4.30"	NFSGX90	1397.50
3.43"	33'	3.80" to 4.90"	NFSGX110	832.30

Fire Jacket for Hose

Application:

- used to protect hose and hose assemblies, tubing, piping, wiring and cables from high temperatures, direct flame or molten splash, helps maintain line temperature and reduce environmental overheating and overcooling

Features:

- meets Flammability requirements of UL 94 HB & UL 94 V-0
- sleeving slides easily over hose & expands to go over fittings
- resistant to hydraulic fluids and lubricating oil
- iron oxide red color
- compounded silicone rubber coating over fiberglass
- completely non-asbestos, REACH - ROHS compliant
- supplied in 50' lengths
- temperature range: **-65°F to 500°F** (-54°C to 260°C)

Nominal ID	Part #	Price/E	Nominal ID	Part #	Price/E
1/4"	0610-4	\$185.40	1 1/4"	3210-20	\$475.20
3/8"	1010-6	220.25	1 1/2"	3810-24	539.00
1/2"	1310-8	243.50	1 3/4"	4510-28	660.50
5/8"	1610-10	278.10	2"	5110-32	776.25
3/4"	1910-12	310.00	2 1/2"	6410-40	959.50
7/8"	2210-14	371.00	3"	7610-48	1393.60
1"	2510-16	394.00	4"	10210-64	1718.20



Fire Jacket Tape

Application:

used to seal the ends of fire jackets to prevent fraying and fluid wicking

Features:

- completely non-asbestos
- iron oxide red color
- temperature range: **-45°F to 380°F** (-45°C to 200°C)

Size	Length	Silicone Rubber Part #	Price/E
1"	12 yards	FTH100	\$52.50



Non Adhesive Fire Tape

Features:

- fiberglass coated silicone rubber
- fluid resistant to hydraulic fluids and lubricating oils
- should be installed in a spiral wrap utilizing 30% to 50% overlap
- iron oxide red color
- temperature range: **-65°F to 500°F**

Size	Length	Part #	Price/E
3" width	50'	4055-3	\$660.50



Fiberglass Sleeving

Features:

- provides thermal insulation protection in applications with service temperatures up to **1000°F**
- supplied in a continuous length of 100'
- 1/16" wall thickness
- braided from texturized E-glass filament yarns. The untreated tubing is flexible and expands to cover changing diameters.

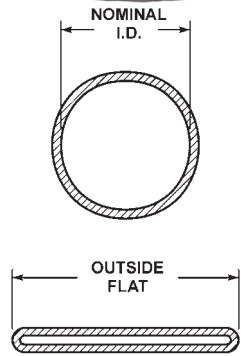


Nominal ID	Part #	Price/E	Nominal ID	Part #	Price/E
1/4"	LW04200	\$81.25	1 1/4"	LW20200	\$220.25
3/8"	LW06200	81.25	1 1/2"	LW24200	318.70
1/2"	LW08200	127.50	2"	LW32200	371.00
5/8"	LW10200	129.50	2 1/2"	LW40200	399.75
3/4"	LW12200	139.00	3"	LW48200	434.60
7/8"	LW14200	156.40	3 1/2"	LW56200	521.50
1"	LW16200	214.50	4"	LW64200	539.00

Nylon Protective Sleeves - MSHA Accepted

Features:

- woven tubular sleeving, ideal for use as a protective covering on hydraulic and industrial hose
- tight weave of seamless tubular sleeving helps dispense the flow of fluid in a ruptured hose
- MSHA accepted, withstands temperatures up to **275°F** (135°C) and fully passes flammability tests



Nominal ID	Outside Flat	100' rolls		300' rolls	
		Part #	Price/E	Part #	Price/E
0.90"	1.50"	DHS90-100	\$142.35	DHS90-300	\$388.20
1.00"	1.66"	DHS100-100	152.90	DHS100-300	417.00
1.13"	1.88"	DHS106-100	164.10	DHS106-300	447.40
1.25"	2.13"	DHS122-100	186.95	DHS122-300	509.85
1.46"	2.25"	DHS138-100	212.95	DHS138-300	580.70
1.42"	2.50"	DHS142-100	218.35	DHS142-300	595.45
1.58"	2.75"	DHS159-1-100	226.10	DHS159-1-300	616.55
1.78"	2.88"	DHS175-100	248.25	DHS175-300	677.00
1.91"	3.00"	DHS181-100	262.00	DHS181-300	714.50
2.18"	3.63"	DHS219-100	330.60	DHS219-300	901.70
2.38"	3.88"	DHS238-100	392.55	DHS238-300	1070.45
2.65"	4.25"	DHS263-100	418.55	DHS263-300	1141.50
2.86"	4.75"	DHS288-100	461.15	DHS288-300	1257.65
3.65"	5.88"	DHS366-100	550.05	DHS366-300	1500.00

Spring Guard



with tang



without tang

Features:

- protects hose against the effects of flexing at its most vulnerable point - immediately behind the coupling
- optional end tang allows end guard to be secured under a clamp or ferrule
- wire fits most hose OD's from 1/2" to 3 1/4", contact Dixon™ for custom sizes or lengths

Guard ID	Wire Gauge	Overall Length	Tang Length	Approx. # of Coils per Foot	Galvanized Steel with Tang		304 Stainless Steel with Tang		Galvanized Steel without Tang		304 Stainless Steel without Tang	
					Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
3/4"	0.175	12"	1"	33	SEGC1-0.75-12	\$14.00	SEGS1-0.75-12	\$18.00	SEGC0-0.75-12	\$10.00	SEGS0-0.75-12	\$17.00
1"	0.175	12"	1"	33	SEGC1-1.00-12	16.00	SEGS1-1.00-12	24.00	SEGC0-1.00-12	12.00	SEGS0-1.00-12	20.00
1 1/4"	0.175	14"	2"	39	SEGC1-1.25-14	17.00	SEGS1-1.25-14	26.00	SEGC0-1.25-14	13.00	SEGS0-1.25-14	21.00
1 1/2"	0.175	14"	2"	39	SEGC1-1.50-14	18.00	SEGS1-1.50-14	27.00	SEGC0-1.50-14	14.00	SEGS0-1.50-14	23.00
1 3/4"	0.175	16"	2"	44	SEGC1-1.75-16	21.00	SEGS1-1.75-16	31.00	SEGC0-1.75-16	18.00	SEGS0-1.75-16	27.00
2"	0.280	16"	2"	44	SEGC1-2.00-16	24.00	SEGS1-2.00-16	32.00	SEGC0-2.00-16	21.00	SEGS0-2.00-16	28.00
2 1/2"	0.280	18"	2"	50	SEGC1-2.50-18	25.00	SEGS1-2.50-18	40.00	SEGC0-2.50-18	22.00	SEGS0-2.50-18	36.00
3"	0.280	18"	2"	50	SEGC1-3.00-18	30.00	SEGS1-3.00-18	42.00	SEGC0-3.00-18	27.00	SEGS0-3.00-18	38.00

Continuous Spring Guard

Features:

- protects hose from external abrasion and helps resist over flexing
- fits tight to hose reducing the potential for snagging
- contact Dixon™ for custom lengths or sizes



Guard ID	Wire Gauge	Overall Length	Approx. # of Coils per Foot	Galvanized Steel		304 Stainless Steel	
				Part #	Price/E	Part #	Price/E
3/4"	0.175	25'	33	CWG-C-0.75-25	\$98.00	CWG-S-0.75-25	\$380.25
1"	0.175	25'	33	CWG-C-1.00-25	168.25	CWG-S-1.00-25	433.25
1 1/4"	0.175	25'	33	CWG-C-1.25-25	168.25	CWG-S-1.25-25	433.25
1 1/2"	0.175	25'	33	CWG-C-1.50-25	230.50	CWG-S-1.50-25	526.00
1 3/4"	0.175	25'	33	CWG-C-1.75-25	230.50	CWG-S-1.75-25	526.00
2"	0.280	25'	33	CWG-C-2.00-25	327.25	CWG-S-2.00-25	628.00
2 1/2"	0.280	25'	33	CWG-C-2.50-25	420.00	CWG-S-2.50-25	720.75
3"	0.280	25'	33	CWG-C-3.00-25	522.00	CWG-S-3.00-25	804.25

Nominal

Application:

- suitable for conveying chemicals, foods, pharmaceuticals, oils, gas, fuels and steam

Features:

- nominal standard smooth bore PTFE hose meets SAE100R14
- size range: dash-3 to dash-20
- temperature range: **-100°F to +450°F** (-73°C to +232°C)
- 304 stainless braided
- extruded or heat shrink coverings are available upon request
- **boxed coils (bulk, per ft. lengths and full reels available from Maryland and Texas call Dixon™ at 888.226.4673)**

Nominal Smooth Bore PTFE Hose (*fittings not included*)



Nominal Size	Average ID	Length in Feet	Dash Size	Working Pressure	Burst Pressure	White, non-conductive tube		Black, conductive tube	
						Part #	Price/E	Part #	Price/E
3/16"	.125"	100	dash-3	3000	12000	---	---	BSB-03-100	\$711.00
1/4"	.187"	100	dash-4	3000	12000	WSB-04-100	\$576.00	BSB-04-100	634.50
5/16"	.250"	100	dash-5	3000	12000	WSB-05-100	670.40	BSB-05-100	678.15
3/8"	.312"	100	dash-6	2500	10000	WSB-06-100	753.05	BSB-06-100	814.50
3/8T"	.375"	100	dash-6T	2250	9000	WSB-06T-100	958.50	BSB-06T-100	1057.50
1/2"	.405"	100	dash-8	2000	8000	WSB-08-100	855.00	BSB-08-100	940.50
5/8"	.500"	100	dash-10	1750	7000	WSB-10-100	1125.00	BSB-10-100	1237.50
3/4"	.625"	100	dash-12	1500	6000	WSB-12-100	1424.75	BSB-12-100	1417.00
3/4T"	.750"	50	dash-12T	1100	4400	WSB-12T-50	974.25	BSB-12T-50	1073.25
1"	.875"	50	dash-16	1000	4000	WSB-16-50	1067.40	BSB-16-50	1511.25

Nominal Smooth Bore PTFE Hose Per Foot Length (*fittings not included*)

Nominal Size	Average ID	Dash Size	White, non-conductive tube		Black, conductive tube	
			Part #	Price/FT	Part #	Price/FT
3/16"	.125"	dash-3	WSB-03	\$6.10	BSB-03	\$7.15
1/4"	.187"	dash-4	WSB-04	5.80	BSB-04	6.35
5/16"	.250"	dash-5	WSB-05	6.55	BSB-05	6.50
3/8"	.312"	dash-6	WSB-06	7.45	BSB-06	8.15
3/8T"	.375"	dash-6T	WSB-06T	9.60	BSB-06T	10.60
1/2"	.405"	dash-8	WSB-08	8.55	BSB-08	9.45
5/8"	.500"	dash-10	WSB-10	11.25	BSB-10	12.40
3/4"	.625"	dash-12	WSB-12	14.10	BSB-12	13.95
3/4T"	.750"	dash-12T	WSB-12T	20.00	BSB-12T	21.50
1"	.875"	dash-16	WSB-16	21.35	BSB-16	29.45
1T"	1.000"	dash-16T	WSB-16T	29.55	BSB-16T	32.55
1-1/4"	1.125"	dash-20Z	WSB-20Z ¹	63.00	BSB-20Z ¹	75.80

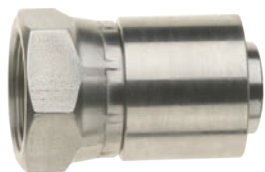
¹ double braided

- per feet lengths are available from Maryland and Texas only, call Dixon™ at 888.226.4673

Nominal Fittings

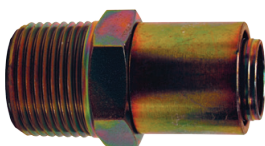
Crimp Collars for all Nominal fittings are *included*

Female JIC Swivels



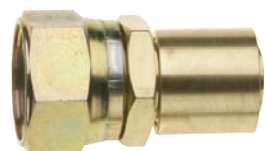
Hose Size	Thread Size	Carbon Steel		304 Stainless Steel		Brass		Box Qty
		Part #	Price/E	Part #	Price/E	Part #	Price/E	
dash 4	1/4"	FJC-04-04	\$7.30	FJS-04-04	\$19.05	FJB-04-04	\$6.20	25
dash 5	5/16"	FJC-05-05	12.45	FJS-05-05	21.70	FJB-05-05	8.80	25
dash 6	3/8"	FJC-06-06	13.85	FJS-06-06	25.05	FJB-06-06	10.20	25
dash 8	1/2"	FJC-08-08	13.95	FJS-08-08	33.85	FJB-08-08	12.50	25
dash 10	5/8"	FJC-10-10	16.20	FJS-10-10	44.80	FJB-10-10	23.50	25
dash 12	3/4"	FJC-12-12	22.85	FJS-12-12	64.20	FJB-12-12	30.70	10
dash 16	1"	FJC-16-16	36.10	FJS-16-16	113.40	FJB-16-16	43.60	10
dash 20Z	1 1/4"	FJC-20Z-20	114.30	FJS-20Z-20	293.40	FJB-20Z-20	153.00	5

Rigid Male Pipe



Hose Size	Thread Size	Carbon Steel		304 Stainless Steel		Brass		Box Qty
		Part #	Price/E	Part #	Price/E	Part #	Price/E	
dash 4	1/8"	MPC-04-02	\$6.45	MPS-04-02	\$12.10	MPB-04-02	\$5.60	25
dash 4	1/4"	MPC-04-04	6.40	MPS-04-04	14.85	MPB-04-04	5.90	25
dash 5	1/4"	MPC-05-04	8.05	MPS-05-04	13.95	MPB-05-04	7.10	25
dash 6	1/4"	MPC-06-04	10.70	MPS-06-04	20.45	MPB-06-04	10.15	25
dash 6	3/8"	MPC-06-06	8.35	MPS-06-06	17.10	MPB-06-06	9.00	25
dash 8	3/8"	MPC-08-06	11.85	MPS-08-06	27.80	MPB-08-06	13.95	25
dash 8	1/2"	MPC-08-08	11.85	MPS-08-08	28.35	MPB-08-08	13.50	25
dash 10	1/2"	MPC-10-08	21.15	MPS-10-08	29.70	MPB-10-08	14.70	25
dash 12	3/4"	MPC-12-12	21.05	MPS-12-12	46.85	MPB-12-12	28.30	10
dash 16	1"	MPC-16-16	38.95	MPS-16-16	100.15	MPB-16-16	51.40	10
dash 20Z	1 1/4"	MPC-20Z-20	157.50	MPS-20Z-20	185.25	MPB-20Z-20	207.00	5

Female SAE Swivels



Hose Size	Thread Size	Carbon Steel		Brass		Box Qty
		Part #	Price/E	Part #	Price/E	
dash 6	3/8"	SAEC-06-06	17.65	SAEB-06-06	11.40	25
dash 12	3/4"	SAEC-12-12	24.75	SAEB-12-12	33.80	10

Nominal PTFE Hose Insertion Tool and Dies

Feature:

- designed to take the hassle out of installing crimp collars onto braided PTFE Hose; with a few simple steps even challenging braid can be easily and safely inserted into the crimp collar

Description	Size	Part #	Price/E
tool / die holder	---	ITDH	\$350.00
die	dash 4	ITD-04	206.00
die	dash 5	ITD-05	206.00
die	dash 6	ITD-06	206.00
die	dash 8	ITD-08	206.00
die	dash 10	ITD-10	206.00
die	dash 12	ITD-12	206.00
die	dash 16	ITD-16	206.00



Nominal Smooth Bore PTFE Hose Fittings Tube End Stubs

Feature:

- crimp collars for all nominal fittings are included

Hose Size	Tube Size	304 Stainless Steel Part #	Price/E
dash 4	1/4"	TES-04-04	\$21.40
dash 6	3/8"	TES-06-06	26.30
dash 8	1/2"	TES-08-08	45.15
dash 12	3/4"	TES-12-12	129.20
dash 16	1"	TES-16-16	137.90



45° FJIC

Hose Size	Thread Size	304 Stainless Steel		Carbon Steel	
		Part #	Price/E	Part #	Price/E
dash 3	3/16"	FJS45-03-03	\$55.75	FJC45-03-03	\$21.05
dash 4	1/4"	FJS45-04-04	62.25	FJC45-04-04	23.90
dash 5	5/16"	FJS45-05-05	63.60	FJC45-05-05	24.25
dash 6	3/8"	FJS45-06-06	69.75	FJC45-06-06	27.10
dash 8	1/2"	FJS45-08-08	86.85	FJC45-08-08	32.85
dash 10	5/8"	FJS45-10-10	97.20	FJC45-10-10	37.95
dash 12	3/4"	FJS45-12-12	122.65	FJC45-12-12	52.20
dash 16	1"	FJS45-16-16	197.95	FJC45-16-16	68.80
dash 20Z	1-1/4"	FJS45-20Z-20	266.65	FJC45-20Z-20	103.70



90° FJIC

Hose Size	Thread Size	304 Stainless Steel		Carbon Steel	
		Part #	Price/E	Part #	Price/E
dash 3	3/16"	FJS90-03-03	\$55.75	FJC90-03-03	\$21.05
dash 4	1/4"	FJS90-04-04	62.25	FJC90-04-04	23.90
dash 5	5/16"	FJS90-05-05	63.60	FJC90-05-05	24.25
dash 6	3/8"	FJS90-06-06	69.75	FJC90-06-06	27.10
dash 8	1/2"	FJS90-08-08	86.85	FJC90-08-08	32.85
dash 10	5/8"	FJS90-10-10	97.20	FJC90-10-10	37.95
dash 12	3/4"	FJS90-12-12	122.65	FJC90-12-12	52.20
dash 16	1"	FJS90-16-16	197.95	FJC90-16-16	68.80
dash 20Z	1-1/4"	FJS90-20Z-20	266.65	FJC90-20Z-20	103.70



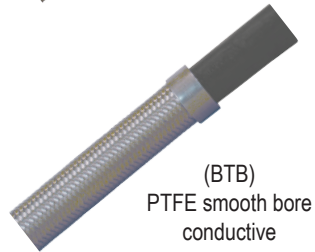
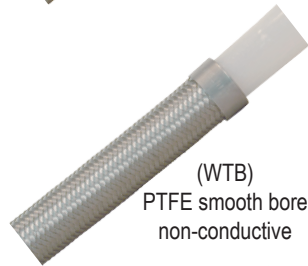
True ID

Application:

- suitable for conveying acids, chemicals, foods and pharmaceuticals

Features:

- range: 1/4" to 2"
- temperature range: **-100°F to +450°F** (-73°C to +232°C)
- **boxed coils (bulk, per ft. lengths and full reels available from Maryland and Texas, call Dixon™ at 888.226.4673)**
- 304 stainless braided
- other braids including synthetic, extruded and heat shrink coverings are available upon request



¹ double braid

True ID Hose (fittings not included)

True ID Open Pitch Convoluted Hose

Size	Working Pressure	Burst Pressure	White, non-conductive		Black, conductive	
			Part #	Price/FT	Part #	Price/FT
1/4"	1740	6960	WOC-T04	\$21.45	BOC-T04	\$27.75
3/8"	1850	7400	WOC-T06	21.45	BOC-T06	27.75
1/2"	1500	6000	WOC-T08	24.10	BOC-T08	26.45
3/4"	1300	5200	WOC-T12	28.20	BOC-T12	31.50
1"	1000	4000	WOC-T16	45.70	BOC-T16	49.85
1 1/4"	900	3600	WOC-T20	54.85	BOC-T20	71.00
1 1/2"	700	2800	WOC-T24	71.10	BOC-T24	78.30
2"	500	2000	WOC-T32	90.65	BOC-T32	99.85

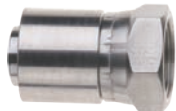
Heavy Wall True ID Smooth Bore Hose

Size	Working Pressure	Burst Pressure	White, non-conductive		Black, conductive	
			Part #	Price/FT	Part #	Price/FT
1/4"	3000	12000	WTB-T04	\$10.40	BTB-T04	\$11.80
3/8"	2250	9000	WTB-T06	14.25	BTB-T06	15.75
1/2"	1500	6000	WTB-T08	17.75	BTB-T08	19.50
3/4"	1100	4400	WTB-T12	29.50	BTB-T12	32.40
1"	900	3600	WTB-T16	39.60	BTB-T16	43.55
1"	1650	6600	WTB-T16Z	63.80	BTB-T16Z	75.65
1 1/4"	1000	4000	WTB-T20Z	79.95	BTB-T20Z	105.50
1 1/2"	1100	4000	WTB-T24Z	185.50	BTB-T24Z	155.35

True ID Fittings

Crimp collars for all True ID fittings are sold separately

Female JIC Swivel



Size	Carbon Steel		316 Stainless Steel		Box Qty
	Part #	Price/E	Part #	Price/E	
1/4"	FJC-T04	\$11.10	FJR-T04	\$25.45	10
3/8"	FJC-T06	12.10	FJR-T06	33.30	10
1/2"	FJC-T08	20.05	FJR-T08	40.05	10
3/4"	FJC-T12	23.05	FJR-T12	59.55	10
1"	FJC-T16	29.40	FJR-T16	103.35	10
1 1/4"	FJC-T20	78.30	FJR-T20	212.40	10
1 1/2"	FJC-T24	75.15	FJR-T24	267.80	10
2"	FJC-T32	141.65	FJR-T32	445.80	10

Rigid Male Pipe



Size	Carbon Steel		316 Stainless Steel		Box Qty
	Part #	Price/E	Part #	Price/E	
1/4"	MPC-T04	\$5.70	MPR-T04	\$21.60	10
3/8"	MPC-T06	7.85	MPR-T06	28.60	10
1/2"	MPC-T08	16.90	MPR-T08	37.35	10
3/4"	MPC-T12	20.25	MPR-T12	59.45	10
1"	MPC-T16	31.30	MPR-T16	104.75	10
1 1/4"	MPC-T20	53.10	MPR-T20	185.40	10
1 1/2"	MPC-T24	60.30	MPR-T24	211.50	10
2"	MPC-T32	101.70	MPR-T32	333.00	10

True ID Fittings

Sanitary Tri-Clamps

Hose Size	Clamp Size	316 Stainless Steel		Box Qty
		Part #	Price/E	
½"	1"	TCR-T08-16	\$128.95	10
½"	1½"	TCR-T08-24	150.65	10
¾"	1½"	TCR-T12-24	161.50	10
1"	1"	TCR-T16-16	120.60	10
1"	1½"	TCR-T16-24	138.90	10
1½"	1½"	TCR-T24-24	150.65	10
2"	2"	TCR-T32-32	200.75	10



Mini Sanitary Tri-Clamps

Size	316 Stainless Steel		Box Qty
	Part #	Price/E	
½"	TCMR-T08	\$56.70	10
¾"	TCMR-T12	57.60	10



- contact Dixon™ for GSM and PTFE hose assemblies

Flange Retainers

Feature:

- for use with lap joint flanges, see page 726

Size	316 Stainless Steel		316 Stainless Steel PTFE Encapsulated		Box Qty
	Part #	Price/E	Part #	Price/E	
½"	FRR-T08	\$97.45	---	---	10
¾"	FRR-T12	116.55	FRRE-T12	\$326.10	10
1"	FRR-T16	146.80	FRRE-T16	492.70	10
1¼"	FRR-T20	225.00	FRRE-T20	616.50	10
1½"	FRR-T24	287.45	FRRE-T24	585.00	10
2"	FRR-T32	510.60	FRRE-T32	976.60	10



Crimp Collars

Convuluted Crimp Collars

Features:

- for open pitch convuluted PTFE hose only
- new design for ease of installation and improved appearance of finished crimp

Size	Carbon Steel		304 Stainless Steel		Box Qty
	Part #	Price/E	Part #	Price/E	
¼"	CSC-T04-1	\$5.40	SSC-T04-1	\$17.05	10
⅜"	CSC-T06-1	6.20	SSC-T06-1	18.45	10
½"	CSC-T08-1	11.40	SSC-T08-1	21.90	10
¾"	CSC-T12-1	13.75	SSC-T12-1	31.55	10
1"	CSC-T16-1	15.35	SSC-T16-1	48.40	10
1¼"	CSC-T20-1	39.65	SSC-T20-1	78.30	10
1½"	CSC-T24-1	45.85	SSC-T24-1	93.35	10
2"	CSC-T32-1	59.55	SSC-T32-1	157.80	10



Smooth Bore Crimp Collars

Features:

- for True ID smooth bore PTFE hose only
- new design for ease of installation and improved appearance of finished crimp

Size	Carbon Steel		304 Stainless Steel		Box Qty
	Part #	Price/E	Part #	Price/E	
¼"	CSC-T04-2	\$5.40	SSC-T04-2	\$17.05	10
⅜"	CSC-T06-2	6.20	SSC-T06-2	18.45	10
½"	CSC-T08-2	11.40	SSC-T08-2	21.90	10
¾"	CSC-T12-2	13.75	SSC-T12-2	31.55	10
1"	CSC-T16-2	15.35	SSC-T16-2	48.40	10
1¼"	CSC-T20-2	39.65	SSC-T20-2	78.30	10
1½"	CSC-T24-2	44.65	SSC-T24-2	93.35	10



Contact Dixon™ at 888.226.4673 for assembly instructions and crimp recommendations.

Ordering Information - PTFE Hose Assemblies

Assemblies only ship from MD and TX, please call Dixon™ at 888.226.4673 for assembly pricing.

To select the proper PTFE hose assembly you need the following information:

Hose Style:	Length OAL:
Size:	
A End Configuration:	A End Material:
B End Configuration:	B End Material:
Maximum Working Pressure:	Temperature Range:
Application:	
Media / Product being handled: (if a chemical, please advise concentration):	
Bend radius requirement:	
If for suction service, advise maximum vacuum in inches of Mercury (Hg):	

Our factory sales and engineering staff will be happy to help you evaluate your PTFE hose application. Please call 888.226.4673.



**YARDLEY
PRODUCTS
CORP.**

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PO Box 357
Yardley, PA 19067-8357

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email: info@yardleyproducts.com

**Unique Solutions
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Precision Engineered Threaded Inserts

- large inventory - over 24 million inserts in stock ready for immediate shipment
- fast delivery - same day shipment if order is received by 2 p.m. EST, Next Day delivery available
- patented designs - "time tested" designs proven on thousands of products and a wide variety of materials
- quality - patented designs manufactured to exact tolerances
- dependability - we listen to our customer's needs
- custom manufacturing - experience in manufacturing inserts to specific customer requested tolerances and designs
- flexibility - small quantities, large quantities or special runs plus free samples of stock items
- special runs - no minimum quantities on special order parts
- experience - established 1946
- Visa/Mastercard and American Express accepted

Product Selection Guide

type A closed end inserts, type B open end inserts and type C closed end with counter bore inserts

Install Methods	Base Materials	Description
molded-in epoxied-in	thermoset plastics thermoplastics rubber ceramics	A wide range of threaded inserts featuring patented designs for molded-in use. Close tolerance of minor thread diameter and careful burnishing of inner thread crests assure snug fit on pins. Extremely flat ends on inserts (with no burrs, ridges or other defects) mean no leakage of material on the face of the mold. <i>Available in brass, aluminum and stainless steel.</i>



type D studded end inserts

Install Methods	Base Materials	Description
molded-in epoxied-in	thermoset plastics thermoplastics rubber ceramics	Threaded stud inserts featuring patented designs for molded-in use. Proportioned for maximum holding strength. Can be screwed to butt flush with a Yardley Type C Insert. <i>Available in brass.</i>



bi-sert® inserts

Install Methods	Base Materials	Description
molded-in	thermoset plastics thermoplastics glass-filled plastics	Designed for rotational molding, this insert provides exceptional torque and pull-out resistance. Unique hex design allows it to be used with fibrous materials where the fibers would block the flow of the plastic material around ordinary inserts. Inside diameter held to strict tolerances for a smooth, tight fit on locating pins. <i>Available in brass and aluminum.</i>



zap-sert® inserts

Install Methods	Base Materials	Description
molded-in ultrasonic thermal pressed-in	thermoset plastics thermoplastics	Economical design features a lead on both ends making this insert ideal for high volume, automated production. Unique radial barbs provide strong resistance to pull-out and rotation in plastics and thermoplastics. Can be molded-in or installed with ultrasonic or thermal insertion tools. <i>Available in brass.</i>



type E closed end and type F open end pressed-in inserts

Install Methods	Base Materials	Description
pressed-in epoxied-in	thermoset plastics thermoplastics rubber ceramics	Spiral knurled, open or closed-ended inserts for pressing into soft materials such as plastics, foamed plastics and rubber. Ideal for use where minimal pull-out strength is needed, but some torque resistance is required. Can also be molded-in and feature patented I.D. design for use with locating pins. <i>Available in brass and aluminum.</i>



Product Selection Guide

quick-sert® inserts



Install Methods	Base Materials	Description
pressed-in	aluminum soft metals	Designed for fast easy press-in installation, providing permanent threads in aluminum and other soft metals. Its smooth tapered lead allows easy positioning for quick starts in a pre-drilled hole and the knurled body locks tightly in the host material. Its thick wall design prevents thread distortion. <i>Available in plated steel.</i>

sharp-sert® regular, short and flanged series inserts



Install Methods	Base Materials	Description
pressed-in ultrasonic thermal	thermoset plastics thermoplastics wood	Versatile, economical and trouble free, they offer easy, high-speed installation. Curved hooks and lateral flutes lock them into plastics, particle board and wood. Install with ultrasonic or thermal tools or just hammer or press them in. <i>Available in brass and stainless steel.</i>

fiber-sert® regular and diecast series inserts



Install Methods	Base Materials	Description
threaded-in	wood particle board ABS foamed plastics	Special design makes them ideal for wood, particle board, ABS and foamed plastics. Large coarse outer threads give great holding power in weaker materials while inside threads stay clean, free of chips. Install with Yardley pneumatic inserter or easy-to-use self-tapping driver. <i>Available in brass and diecast.</i>

tri-sert® regular, short, coarse threaded and slotted coarse threaded series inserts



Install Methods	Base Materials	Description
threaded-in	thermoset plastics thermoplastics wood soft metals	For strong threads in plastics, soft metals and wood. Self-tapping, they provide high torque and pull-out resistance. Install with Yardley pneumatic inserter, insert driver or screw driver. <i>Available in brass, plated steel and stainless steel.</i>

intro-sert® regular and short series inserts



Install Methods	Base Materials	Description
ultrasonic thermal	thermoplastics ABS polycarbonates	For use in thermoplastic materials such as ABS and polycarbonates. Intro-Serts have no sharp edges on their outer annular ribs to cause residual stress cracking. Install them fast and easily with ultrasonic or thermal insertion tools. <i>Available in brass, aluminum and stainless steel.</i>

tri-sert® slotted coarse threaded inserts



Install Methods	Base Materials	Description
screwdriver Yardley inserting tool	brittle or weak plastics	Inserts are internally and externally threaded metal inserts with a slot on one end. The inserts tap their own threads as they are (turned) into drilled or cored holes. The wider spaced external threads reduce installation torque and provide a stronger hold. <i>Available in brass and stainless steel. Custom sizes and materials are also available.</i>

Contact Yardley at 800.457.0154 for more information on all the threaded inserts on pages 803 and 804.



203 Log Canoe Circle
 Stevensville, MD 21666
 ph 410.643.8900 • fx 410.643.8954
 sales@hydrasearch.com
 hydrasearch.com

Hydrasearch, established in 1962, is a division of Dixon™ and a large manufacturer and global distributor of fluid transfer products. Hydrasearch's range of offerings includes marine hose and fittings, aerospace hose and fittings, technical products valves and fittings and products for underway replenishment and refueling at sea.

Today, Hydrasearch products can be found on submarines, surface ships, helicopters, fixed-wing aircraft, tanks, and ground equipment throughout the world. With our experienced staff, expanding product line, and growing global distribution, Hydrasearch continues to improve and expand to meet your needs today and into the future.



Aerospace Hose and Fittings:

- Reusable fittings
- Hose assemblies
- Low, medium or high pressure rubber
- Medium pressure PTFE hose and fittings

Features:

- Suitable for fuel, hydraulic, engine oil and coolant applications

Technical Products:

- Globe and instrument valves
- Pipe and tube fittings
- O-ring face seal union assemblies

Features:

- Pressure up to 6000 PSI
- NICU, bronze, stainless steel or CUNI

Marine Hose and Fittings:

- Hose and fittings
- Split clamps, adapters, Sil-braze tail pieces and accessories

Features:

- Suitable for fuel, hydraulic oil, low pressure air, fresh water and salt water applications
- Suitable for pressure or vacuum service
- Monel, bronze or stainless steel

Underway Replenishment:

- Probes and receivers
- Fuel hose and fittings
- Products for alongside and astern
- Refueling
- Products for solid cargo transfer



Buck Algonquin, Hydrasearch's commercial product line, has been an industry leader in quality marine hardware below the waterline for over 50 years. Our product line includes:

- Deck hardware
- Drivetrain parts
- Exhaust fittings
- Hose and clamps
- Plumbing and fittings
- Valves
- Coupling and shafting accessories
- Steering hardware
- Strainers
- Thru hulls

Best Below the Waterline



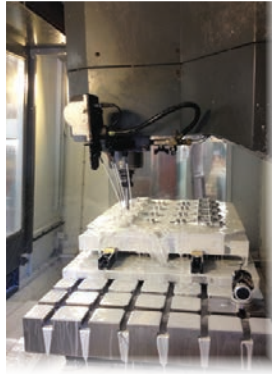


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Buck Company offers a unique Total Castings Solutions experience. Our integrated engineering, manufacturing and machining services help our customers eliminate waste, drive down costs and creates a culture of continuous improvement. Our value is measured by the real results of our customers.

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- Certified Green Sand production
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- 3D prototyping
- Pattern making
- Heat treating and machining services

What is Total Casting Solutions?



- A customized service provided by an experienced and knowledgeable team that will work in conjunction with Engineering, Quality and Purchasing departments to achieve, not only a tangible sample of design, but also a production part that is casting friendly, cost effective and finished to the required specifications
- A relationship that will help determine design and application needs and develop avenues to achieve these goals in a manner that yields production quickly and efficiently
- An on-going promise that processes are being routinely reviewed to better serve customer needs, keep costs down and provide a finished product ready for production, on-time

S.T.A.M.P.E.D.

When fabricating and specifying hose assemblies ask the following questions:

- Size:** What is the ID (Inside Diameter) of the hose? What is the OD (Outside Diameter) of both ends of the hose? What is the overall length of the assembly required?
- Temperature:** What is the temperature range of the media (product) that is flowing through the hose assembly? What is the temperature range of the environment that surrounds the outside of the hose assembly?
- Application:** How is the hose assembly actually being used? Is it a pressure application? Is it a vacuum (suction) application? Is it a gravity flow application? Are there any special requirements that the hose assembly is expected to perform? Is the hose being used in a horizontal or vertical position? Are there any pulsations or vibrations acting on the hose assembly?
- Media:** What is the media/material that is flowing through the hose assembly? Being specific is critical. Check for: Abrasive materials, chemical compatibility, etc.
- Pressure:** What is the maximum pressure including surges (or, maximum vacuum) that this hose assembly will be subjected to? Always rate the maximum working pressure of your hose assembly by the lowest rated component in the system.
- Ends:** What couplings have been requested by the user? Are they the proper fittings for the application and hose selected?
- Dixon™:** Dixon™ recommends that, based on the hose, fittings and attachment method used, all assemblies be permanently marked with the designed working pressure and intended media. Do not use other manufacturer's fittings or ferrules with Dixon™ products due to the differences in dimensions and tolerances. We also recommend that all hose assemblies be tested frequently.
Be Safe: Any questions on application, use or assembly call 800.355.1991.

MSHA (Mine Safety and Health Administration) Regulations

30 CFR Sections 56.13021 and 57.13021

Except where automatic shut-off valves are used, safety chains or other suitable locking devices shall be used at connections to machines of high-pressure hose line of ¾" inside diameter or larger, and between high-pressure hose lines of ¾" inside diameter or larger, where a connection failure would create a hazard.

30 CFR Section 75.1730

(e) Safety chains, suitable locking devices, or automatic cut-off valves shall be used at connections to machines of high-pressure hose lines of ¾" inside diameter or larger, and between high-pressure hose lines of ¾" inside diameter or larger, where a connection failure would create a hazard. For purposes of this paragraph, high-pressure means pressure of 100 PSI or more.

30 CFR Section 77.412

(d) Safety chains or suitable locking devices shall be used at connections to machines of high-pressure hose line of 1" inside diameter or larger, and between high-pressure hose line of 1" inside diameter or larger, where a connection failure would create a hazard.

OSHA Regulations

Standards - 29 CFR, 1910.242 (partial):

(b) Compressed air used for cleaning - Compressed air shall not be used for cleaning purposes except where reduced to less than 30 PSI and then only with effective chip guarding and personal protective equipment.

Standards - 29 CFR, 1915.131 (partial):

(e) Before use, pneumatic tools shall be secured to the extension hose or whip by some positive means to prevent the tool from becoming accidentally disconnected from the whip.

Standards - 29 CFR, 1926.302 (partial):

(b)(1) Pneumatic power tools shall be secured to the hose or whip by some positive means to prevent the tool from becoming accidentally disconnected.

(b)(2) Safety clips or retainers shall be securely installed and maintained on pneumatic impact (percussion) tools to prevent attachments from being accidentally expelled.

(b)(3) All pneumatically driven nailers, staplers and other similar equipment provided with automatic fastener feed, which operate at more than 100 PSI pressure at the tool shall have a safety device on the muzzle to prevent the tool from ejecting fasteners, unless the muzzle is in contact with the work surface.

(b)(4) Compressed air shall not be used for cleaning purposes except where reduced to 30 PSI and then only with effective chip guarding and personal protective equipment which meets the requirements of Subpart E of this part. The 30 PSI requirement does not apply for concrete form, mill scale and similar cleaning purposes.

(b)(5) The manufacturer's safe operating pressure for hoses, pipes, valves, filters and other fittings shall not be exceeded.

(b)(6) The use of hoses for hoisting or lowering tools shall not be permitted.

(b)(7) All hoses exceeding ½" inside diameter shall have a safety device at the source of supply or branch line to reduce pressure in case of hose failure.

Standards - 29 CFR, 1926.306:

(a) General requirements

(a)(1) Application. This section applies to compressed air receivers, and other equipment used in providing and utilizing compressed air for performing operations such as cleaning, drilling, hoisting, and chipping. On the other hand, however, this section does not deal with the special problems created by using compressed air to convey materials nor the problems created when men work in compressed air as in tunnels and caissons. This section is not intended to apply to compressed air machinery and equipment used on transportation vehicles such as steam railroad cars, electric railway cars, and automotive equipment.

(a)(2) New and existing equipment.

(a)(2)(i) All new air receivers installed after the effective date of these regulations shall be constructed in accordance with the 1968 edition of the A.S.M.E. Boiler and Pressure Vessel Code Section VIII.

(a)(2)(ii) All safety valves used shall be constructed, installed and maintained in accordance with the A.S.M.E. Boiler and Pressure Vessel Code, Section VIII Edition 1968.

(b) Installation and equipment requirements

(b)(1) Installation. Air receivers shall be so installed that all drains, handholes, and manholes therein are easily accessible. Under no circumstances shall an air receiver be buried underground or located in an inaccessible place.

(b)(2) Drains and traps. A drain pipe and valve shall be installed at the lowest point of every air receiver to provide for the removal of accumulated oil and water. Adequate automatic traps may be installed in addition to drain valves. The drain valve on the air receiver shall be opened and the receiver completely drained frequently and at such intervals as to prevent the accumulation of excessive amounts of liquid in the receiver.

(b)(3) Gauges and valves.

(b)(3)(i) Every air receiver shall be equipped with an indicating pressure gauge (so located as to be readily visible) and with one or more spring-loaded safety valves. The total relieving capacity of such safety valves shall be such as to prevent pressure in the receiver from exceeding the maximum allowable working pressure of the receiver by more than 10 percent.

(b)(3)(ii) No valve of any type shall be placed between the air receiver and its safety valve or valves.

Standards - 29 CFR, 1926.603 (partial):

(a)(9) Steam hose leading to a steam hammer or jet pipe shall be securely attached to the hammer with an adequate length of at least ¼" diameter chain or cable to prevent whipping in the event the joint at the hammer is broken. Air hammer hoses shall be provided with the same protection as required for steam lines.

(a)(10) Safety chains, or equivalent means, shall be provided for each hose connection to prevent the line from thrashing around in case the coupling becomes disconnected.

The regulations may be viewed in full on the OSHA website, osha.gov, please check the website for updates.

The Canada Occupational Safety and Health regulations, Part XIII, 13:6b states:

"Where an air hose is connected to a portable air powered tool used by an employee, a restraining device shall be attached to all hose connections, in order to prevent injury to an employee in the event of an accidental disconnection of a hose."

Hose Coupling Workshops

In an effort to provide our customers with information regarding the proper and safe methods of assembling hose and couplings, Dixon™ offers Hose Coupling Workshops suitable for a company's sales force and shop personnel.

Classes consist of lectures and/or hands-on demonstrations of coupling selection, hose preparation, coupling installation, assembly testing and maintenance procedures. Morning, afternoon and all day classes are available. For more information, please contact the factory at 800.355.1991.

We encourage you to share this information with anyone who may be affected by the selection, installation, maintenance or use of any hose assembly. Always use quality products to **Be Safe**.

Be Safe

Hose assemblies must be inspected prior to each use. Worn out fittings, attachment devices, hose and accessory items must be replaced. Retaining devices (safety devices) such as clips, cables or chains must be used. Clamps must be checked regularly to the specified torque found in the Dixon™ literature. Under no circumstance should any coupling be disconnected while under pressure unless the coupling is specifically designed to do so. Disconnecting couplings under pressure could result in serious injury or death, and destruction to property and equipment.

For all hose assemblies in use:

- Beware** - Hose assemblies when used improperly or in the wrong application can be dangerous. The maximum working pressure shown on the hose is not an indication of the working pressure of the assembly. Based on the hose, fittings and attachment method used, all assemblies should be permanently marked with the designed working pressure and the intended media. The assembly working pressure should be permanently displayed. Hose assemblies must be used for the intended service only. Never alter manufactured product or substitute component parts.
- Eliminate** - hazardous conditions by inspecting, maintaining and testing hose assemblies. Dixon™ recommends that all hose assemblies be tested in accordance with the hose manufacturer's specifications. The application determines the regularity of the re-testing schedule.
- Secure** - and inspect hose, fittings, clamping devices and safety accessories before each use. Never take for granted that the coupling or attachment devices are properly installed.
- Always** - inspect and re-tighten the bolts of any bolt style clamping device to the manufacturer's torque specifications.
- Fittings** - hose and clamping devices that are worn out or damaged must be removed from service.
- Educate** - your employees about the proper use, care and potential hazards of hose assemblies. Take advantage of Dixon™'s free Hose Assembly Safety Program and the follow up Training Seminar to aid you in setting up your own inspection program. Any questions on applications, use or assembly call 800.355.1991.

WARNING

The Importance of Whip Hose

The constant vibration created by air tools, like air drills and pavement breakers, is destructive to air hose couplings, especially the quick-acting type. To provide protection against coupling breakage and related hazards, Dixon™ recommends the use of a whip hose. To construct a whip hose, connect one end of a short (3' to 10') air hose to the air tool using a 3500 type steel nipple. Connect the other end of the hose to the air supply using the standard quick-acting coupling. The heat-treated 3500 nipple will withstand vibration far better than the standard coupling and provide a safer connection. The whip hose should remain permanently connected to the tool.

Best Practices Safety Assessment

Dixon™, in partnership with your industrial hose supplier, is pleased to offer a hose and coupling safety survey of your plant, at no cost to you, to assist in your efforts to make your facility as safe, efficient and productive as possible.

Today, plant safety is an enormous, ongoing endeavor in which it is impossible to be an expert in every field.

The use of damaged or misapplied hose couplings and related items occurs. To the untrained eye, these hazards may continue to exist until an accident happens, threatening not only plant machinery, but also the well-being of plant personnel.

Our program includes a visual inspection of hose assemblies and related accessories in your plant by trained technicians. A professionally written report containing our observations and recommendations for corrective action is subsequently provided to augment your own ongoing safety program. If desired, photographs of the areas of concern can be supplied with the report. As a follow-up, the program offers an educational hands-on seminar directly relating to the safety concerns in your facility.

Plant safety is coming under increasing scrutiny by various regulatory agencies. Let Dixon™'s trained personnel assist you in establishing and maintaining safety compliance in your plant.

The safety survey report is completely confidential and will only be shown to authorized plant personnel. For more information, please contact Dixon™ at 800.355.1991.

Safety Products and Recommendations in the Dixon™ Price List

Safety is everyone's concern!

Dixon™ provides many safety products designed to protect personnel and property. Recommendations and safety warnings are also included for your review.

Hose and coupling safety	pages 9, 807-810
S.T.A.M.P.E.D.	page 807
Pressure recommendations	pages 811-816
EZ Boss-Lock™ handles	pages 29, 76
Cam and groove safety clips	pages 29, 76-77
Air King™ - not to be used for steam statement	pages 122-125
King™ cable safety cables	page 138
Safety shut-off valves, OSHA REG. 1926.302	page 142
30 PSI safety blow guns	page 161
Safety vented ball valves	page 680
Safety tags and safety tape	page 794
The importance of whip hose statement	pages 135, 809

Dixon™ is a proud member of The Association for Hose and Accessories Distribution (NAHAD). We support the NAHAD Hose Assembly Guidelines Program given the use of genuine Dixon™ couplings and clamps.



Pressure Recommendations

The images shown on these two pages are provided to assist in coupling and clamp or ferrule identification for the pressure recommendation chart on pages 813-816.

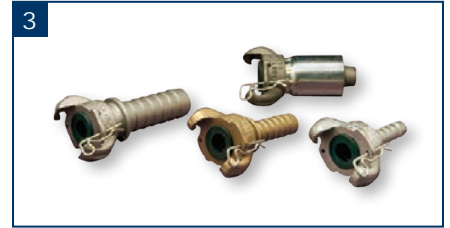
Couplings



Dixon™ Cam & Groove



Boss™ Couplings



Air King™ Universal



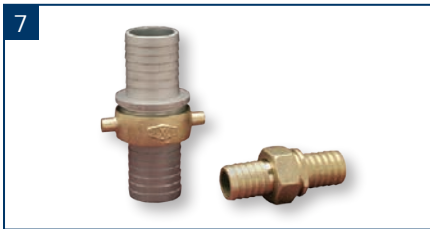
King™ Machined Medium Shank



King™ Machined Long Shank



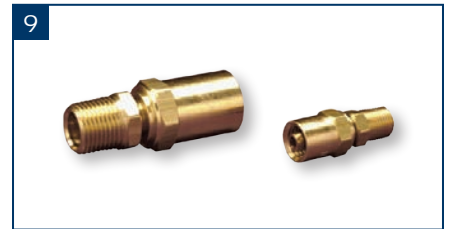
Machined Short Shank



Cast Short Shank



Push-On



Reusable Brass



Holedall™ Swage / Crimp



Holedall™ Internal Expansion



Flow Chief / Sanitary



Holedall™ Internal Expansion Petroleum



King Crimp™ Couplings

Pressure Recommendations

⚠ WARNING

1. The chart on pages 813-816 is intended as a guide only. It only applies to metal couplings as shown for ambient temperature (70°F) applications with true ID hose. It assumes new Dixon™ supplied couplings, new Dixon™ supplied clamps, new quality hose and proper installation by a qualified assembler using Dixon™ procedures and equipment. Temperature can affect the coupling retention. For questions relating to temperatures other than ambient (70°F) contact the hose manufacturer or Dixon™ at 1-800-355-1991.
2. This chart does not apply to non-Dixon™ products, with used hose, in non-approved or unsupported applications or in non-standard assemblies.
3. Do not use this chart if it conflicts with the hose manufacturer's recommendations.
4. All hose assemblies should be pressure tested to hose manufacturers or Rubber Manufacturers Association (RMA) specifications prior to being put into service.
5. Our test experience indicates that coupling retention can vary with changes in hose design. For pressure ratings other than those listed and shown, or if questions arise, please call Dixon™ at 800.355.1991 for assistance.
6. All hose assembly components must be compatible with the materials and environments with which they are to come in contact.
7. Dixon™ recommends that all hose assemblies be marked with the assembly working pressure and media of the intended application. Under no circumstances should the assembly working pressure exceed the working pressure of the lowest rated component (coupling, clamp, ferrule or hose).
8. For further safety information refer to pages 9, 807-810.

Clamps and Ferrules



Boss™ Interlocking Clamps



Air King™ Interlocking Clamps



Light Duty Ferrules



Band & Buckle



Preformed Clamps



Double Bolt Clamps



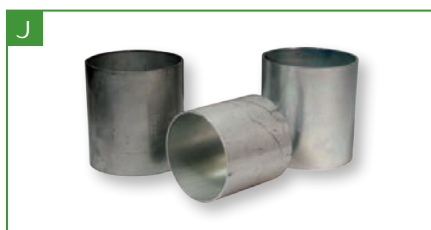
Swage / Crimp



Internal Expansion



Internal Expansion Petroleum



King Crimp™ Sleeve



King Crimp™ Ferrule

Pressure Recommendations

Mark hose assembly with pressure from this chart or hose working pressure, whichever is lower.
 All pressure recommendations are in pounds per square inch (PSI).

- This chart is intended as a guide only. It only applies to metal couplings as shown for ambient temperature (70°F) applications with true ID hose. It assumes new Dixon™ supplied couplings, new Dixon™ supplied clamps, new quality hose and proper installation by a qualified assembler using Dixon™ procedures and equipment.
 Temperature can affect the coupling retention. For questions relating to temperatures other than ambient (70°F) contact the hose manufacturer or Dixon™ at 800.355.1991.
- This chart does not apply to non-Dixon™ products, with used hose, in non-approved or unsupported applications or in non-standard assemblies.

Instructions continue at the top of the next page.

Hose (rubber covered)	DPL sect.	Group ID - Couplings	Couplings	Group ID - Clamps & Ferrules	Clamps & Ferrules	Assembly Procedure	1/4"	3/8"	1/2"	5/8"	3/4"	
Air textile reinforced rubber lined	E	3	Air King™ Universal	E	Preformed Band Clamp	2102			150	150	150	
	E	3	Air King™ Universal	G	Swage/Crimp	2306			150		150	
	E	3	Air King™ Universal	C	Light Duty Ferrules	2307			150		150	
	F	6	Machined - Short Shank	C	Light Duty Ferrules	2304	200	150	150	100	100	
	F	6	Machined - Short Shank	E	Preformed Band Clamp	2100-2101			150	100	100	
	G	9	Reusable - Brass	N/A	n/a	2305	250	250	250			
	F	4	King™ Machined - Medium Shank	E	Preformed Band Clamp	2100-2101			250	200	200	
	F	5	King™ Machined - Long Shank	E	Preformed Band Clamp	2100-2101			300	300	300	
Air textile or wire reinforced rubber lined	F	14	King™ Crimp ST - Ferrule	K	King Crimp™ Ferrule	4201						
	E	3	Air King™ Universal	B,A	Air King™ or Boss™ Interlocking Clamp	2000		150	150		150	
	E	3	Air King™ Universal	G	Swage/Crimp	2306			150		150	
	E	3	Air King™ Universal	C	Light Duty Ferrules	2307			150		150	
	D	2	Boss™ Couplings	A	Boss™ Interlocking Clamp	2000-2004	600	600	600	600	600	
Asphalt & Hot Tar	K	10	Holedall™ Swage/Crimp	G	Swage/Crimp	see Ram Manual	600	600	600		600	
	F	14	King Crimp™ ST - Ferrule	K	King Crimp™ Ferrule	4201						
	D	2	Boss™ Couplings	A	Boss™ Interlocking Clamp	2001-2002						
	F	4	King™ Machined - Medium Shank	E	Preformed Band Clamp	2100-2101			125		125	
	F	4	King™ Machined - Medium Shank	D	Band & Buckle	2104						
	F	5	King™ Machined - Long Shank	E	Preformed Band Clamp	2100-2101			150		150	
	F	5	King™ Machined - Long Shank	D	Band & Buckle	2104						
	A	1	Boss-Lock™ Cam & Groove	E	Preformed Band Clamp	2100-2101			150		150	
	A	1	Boss-Lock™ Cam & Groove	D	Band & Buckle	2104						
	A	1	Boss-Lock™ Cam & Groove	G	Swage/Crimp	see Ram Manual					250	
Chemical plastic lined for liquid service	K	10	Holedall™ Swage/Crimp	G	Swage/Crimp	see Ram Manual			600		600	
	F	14	King Crimp™ ST - Ferrule	K	King Crimp™ Ferrule	4201						
	F	14	King Crimp™ ST - Sleeve	J	King Crimp™ Sleeve	4200						
	A	14	King Crimp™ Cam & Groove - Ferrule	K	King Crimp™ Ferrule	4201						
	A	14	King Crimp™ Cam & Groove - Sleeve	J	King Crimp™ Sleeve	4200						
	F	4	King™ Machined - Medium Shank	E	Preformed Band Clamp	2100-2101			125		125	
	F	4	King™ Machined - Medium Shank	D	Band & Buckle	2104						
	F	5	King™ Machined - Long Shank	E	Preformed Band Clamp	2100-2101			150		150	
	F	5	King™ Machined - Long Shank	D	Band & Buckle	2104						
	A	1	Boss-Lock™ Cam & Groove	E	Preformed Band Clamp	2100-2101			150		150	
	A	1	Boss-Lock™ Cam & Groove	D	Band & Buckle	2104						
	A	1	Boss-Lock™ Cam & Groove	G	Swage/Crimp	see Ram Manual					250	
	D	2	Boss™ Couplings	A	Boss™ Interlocking Clamp	2000-2004			600		600	
	K	11	Holedall™ Internal Expansion	H	Internal Expansion	see Ram Manual						
	Chemical rubber lined for liquid service	F	14	King Crimp™ ST - Ferrule	K	King Crimp™ Ferrule	4201					
F		14	King Crimp™ ST - Sleeve	J	King Crimp™ Sleeve	4200						
A		14	King Crimp™ Cam & Groove - Ferrule	K	King Crimp™ Ferrule	4201						
A		14	King Crimp™ Cam & Groove - Sleeve	J	King Crimp™ Sleeve	4200						
K		10	Holedall™ Swage/Crimp	G	Swage/Crimp	see Ram Manual			600		600	
Food Grade conforming to 3A		K	12	Flow Chief Sanitary	H	Internal Expansion	see Ram Manual					
		F	4	King™ Machined - Medium Shank	E	Preformed Band Clamp	2100-2101			125		125
		F	4	King™ Machined - Medium Shank	D	Band & Buckle	2104					
		A	1	Boss-Lock™ Cam & Groove	E	Preformed Band Clamp	2100-2101			150		150
		A	1	Boss-Lock™ Cam & Groove	D	Band & Buckle	2104					
		A	1	Boss-Lock™ Cam & Groove	G	Swage/Crimp	see Ram Manual					250
		K	11	Holedall™ Internal Expansion	H	Internal Expansion	see Ram Manual					
		K	10	Holedall™ Swage/Crimp	G	Swage/Crimp	see Ram Manual			600		600
		F	14	King Crimp™ ST - Ferrule	K	King Crimp™ Ferrule	4201					
		F	14	King Crimp™ ST - Sleeve	J	King Crimp™ Sleeve	4200					
Food Grade rubber lined	A	14	King Crimp™ Cam & Groove - Ferrule	K	King Crimp™ Ferrule	4201						
	A	14	King Crimp™ Cam & Groove - Sleeve	J	King Crimp™ Sleeve	4200						

3. Do not use this chart if it conflicts with the hose manufacturer's recommendations.
4. All hose assemblies should be pressure tested to hose manufacturers or Rubber Manufacturers Association (R.M.A.) specifications prior to being put into service.
5. Our test experience indicates that coupling retention can vary with changes in hose design. For pressure ratings other than those listed and shown, or if questions arise, please call Dixon™ at 800.355.1991 for assistance.
6. All hose assembly components must be compatible with the materials and environments with which they are to come in contact.
7. Dixon™ recommends that all hose assemblies be marked with the assembly working pressure and media of the intended application. Under no circumstances should the assembly working pressure exceed the working pressure of the lowest rated component (coupling, clamp, ferrule or hose).
8. For further safety information refer to pages 9, 807-810.

Procedures can be found at Dixon™.valve.com or requested by calling 800.355.1991.

Hose (rubber covered)	1"	1¼"	1½"	2"	2½"	3"	4"	5"	6"	Notes	
Air textile reinforced rubber lined	150									(2) bands on 5/8" or larger; Must use mating Dixon™ Air King™ fittings with safety clip installed.	
	150									Coupling and ferrule are sold assembled. Must use mating Dixon™ Air King™ fittings with safety clip installed.	
	150									(14) Coupling and ferrule are sold separately. Must use mating Dixon™ Air King™ fittings with safety clip installed.	
	100										
	100										
											(2) bands on ½" to 1"
	150										
	300										
Air textile or wire reinforced rubber lined	400	350	300			300	300		230	(13) crimp length would be full length	
	150									Must use mating Dixon™ Air King™ fittings with safety clip installed.	
	150									Coupling and ferrule are sold assembled. Must use mating Dixon™ Air King™ fittings with safety clip installed.	
	150									(14) Coupling and ferrule are sold separately. Must use mating Dixon™ Air King™ fittings with safety clip installed.	
	600	600	600	600	450	450	250		250		
	600	600	600	600	600	600	500	450	400		
	400	350	300			300	300		230	(13) crimp length would be full length	
	Asphalt & Hot Tar	200	200	200	200	200	200	200			Consult Dixon™
125		125	125	75	75	50	50			(3) bands on 3" & 4"; (2) bands on 1½" to 2½"; (1) band on the rest	
		125	125	75	75	50	50			(3) bands on 3" & 4"; (2) bands on 1½" to 2½"; (1) band on the rest	
150		150	150	125	100	75	75			(5) bands on 3" & 4"; (4) bands on 2" & 2½"; (3) bands on 1¼" & 1½"; (2) bands on the rest	
		150	150	125	100	75	75			(5) bands on 3" & 4"; (4) bands on 2" & 2½"; (3) bands on the rest	
250		250	250	250	150	125	100				
		250	250	250	150	125	100				
250		250	250	250	150	125	100			Requires properly matched stem and ferrule.	
600		600	600	600	600	600	500				
400		350	300			300	300		230	(13) crimp length would be full length	
400		300	250			200	175		75	(13) crimp length would be full length	
250		250	250			150	150		75	(13) crimp length would be full length	
250		250	250			125	110		75	(13) crimp length would be full length	
Chemical plastic lined for liquid service		125	125	125	75	75	50	50			(3) bands on 3" & 4"; (2) bands on 1½" to 2½"; (1) band on the rest
			125	125	75	75	50	50			(3) bands on 3" & 4"; (2) bands on 1½" to 2½"; (1) band on the rest
		150	150	150	125	100	75	75			(5) bands on 3" & 4"; (4) bands on 2" & 2½"; (3) bands on 1¼" & 1½"; (2) bands on the rest
		150	150	125	100	75	75			(5) bands on 3" & 4"; (4) bands on 2" & 2½"; (3) bands on the rest	
	250	250	250	250	150	125	100				
		250	250	250	150	125	100				
	250	250	250	250	150	125	100			Requires properly matched stem and ferrule.	
	600	600	600	600	450	450	250				
	800	800	800	800	600	600	500			Consult factory for ratings on IXF48-3 to IXF48-5 & IXF64-2 to IXF64-5 ferrules. Internal Expansion is NOT recommended for XLPE, UHMWPE & Gum Rubber lined hoses.	
	400	350	300			300	300		230	(13) crimp length would be full length	
	400	300	250			200	175		75	(13) crimp length would be full length	
	250	250	250			150	150		75	(13) crimp length would be full length	
	250	250	250			125	110		75	(13) crimp length would be full length	
	600	600	600	600	600	600	500				
	Food Grade conforming to 3A			250	250		250				Use Stainless Steel Food Grade Ferrule ONLY.
		125	125	125	75	75	50	50	25	25	(4) bands on 6"; (3) bands on 3" to 5"; (2) bands on 1½" to 2½"; (1) band on the rest
Food Grade rubber lined		125	125	75	75	50	50	25	25	(4) bands on 6"; (3) bands on 3" to 5"; (2) bands on 1½" to 2½"; (1) band on the rest	
	250	250	250	250	150	125	100	75	75	(3) bands on 6"; (2) bands on the rest	
		250	250	205	150	125	100	75	75	(3) bands on 6"; (2) bands on the rest	
	250		250	250		125	100			Requires properly matched stem and ferrule.	
	250		250	250	250	250	200				
	600	600	600	600	600	600	500	450	400		
	400	350	300			300	300		230	(13) crimp length would be full length	
	400	300	250			200	175		75	(13) crimp length would be full length	
	250	250	250			150	150		75	(13) crimp length would be full length	
	250	250	250			125	110		75	(13) crimp length would be full length	

Safety Information

Hose (rubber covered)	DPL sect.	Group ID - Couplings	Couplings	Group ID - Clamps & Ferrules	Clamps & Ferrules	Assembly Procedure	1/4"	3/8"	1/2"	5/8"	3/4"	
Material Handling <i>rubber lined</i>	F	7	Cast Short Shank	E	Preformed Band Clamp	2100-2101						
	F	7	Cast Short Shank	D	Band & Buckle	2104						
	F	4	King™ Machined - Medium Shank	E	Preformed Band Clamp	2100-2101						
	F	4	King™ Machined - Medium Shank	D	Band & Buckle	2104						
	F	5	King™ Machined - Long Shank	E	Preformed Band Clamp	2100-2101						
	F	5	King™ Machined - Long Shank	D	Band & Buckle	2104						
	A	1	Boss-Lock™ Cam & Groove	E	Preformed Band Clamp	2100-2101						
	A	1	Boss-Lock™ Cam & Groove	D	Band & Buckle	2104						
	A	1	Boss-Lock™ Cam & Groove	G	Swage/Crimp	see Ram Manual						
	K	10	Holedall™ Swage/Crimp	G	Swage/Crimp	see Ram Manual						
	K	11	Holedall™ Internal Expansion	H	Internal Expansion	see Ram Manual						
	F	14	King Crimp™ ST - Ferrule	K	King Crimp™ Ferrule	4201						
	F	14	King Crimp™ ST - Sleeve	J	King Crimp™ Sleeve	4200						
	Material Handling <i>no helical wire rubber lined</i>	A	14	King Crimp™ Cam & Groove - Ferrule	K	King Crimp™ Ferrule	4201					
A		14	King Crimp™ Cam & Groove - Sleeve	J	King Crimp™ Sleeve	4200						
F		7	Cast Short Shank	F	Double Bolt Clamp	2201						
F		4	King™ Machined - Medium Shank	F	Double Bolt Clamp	2201						
F		5	King™ Machined - Long Shank	F	Double Bolt Clamp	2201						
F		14	King™ Crimp ST - Ferrule	K	King Crimp™ Ferrule	4201						
F		14	King™ Crimp ST - Sleeve	J	King Crimp™ Sleeve	4200						
A		14	King™ Crimp Cam & Groove - Ferrule	K	King Crimp™ Ferrule	4201						
A		14	King™ Crimp Cam & Groove - Sleeve	J	King Crimp™ Sleeve	4200						
Material Handling <i>cement rubber lined</i>		D	2	Boss™ Couplings	A	Boss™ Interlocking Clamp	2000-2004					
		K	10	Holedall™ Swage/Crimp	G	Swage/Crimp	see Ram Manual					
		K	11	Holedall™ Internal Expansion	H	Internal Expansion	see Ram Manual					
		F	4	King™ Machined - Medium Shank	E	Preformed Band Clamp	2100-2101			125		125
Petroleum Transfer		F	4	King Machined - Medium Shank	D	Band & Buckle	2104					
	F	5	King Machined - Long Shank	E	Preformed Band Clamp	2100-2101			150		150	
	F	5	King™ Machined - Long Shank	D	Band & Buckle	2104						
	A	1	Boss-Lock™ Cam & Groove	E	Preformed Band Clamp	2100-2101			150		250	
	A	1	Boss-Lock™ Cam & Groove	D	Band & Buckle	2104						
	A	1	Boss-Lock™ Cam & Groove	G	Swage/Crimp	see Ram Manual					250	
	K	11	Holedall™ Internal Expansion	H	Internal Expansion	see Ram Manual						
	K	10	Holedall™ Swage/Crimp	G	Swage/Crimp	see Ram Manual			600		600	
	F	14	King Crimp™ ST - Ferrule	K	King Crimp™ Ferrule	4201						
	F	14	King Crimp™ ST - Sleeve	J	King Crimp™ Sleeve	4200						
	A	14	King Crimp™ Cam & Groove - Ferrule	K	King Crimp™ Ferrule	4201						
	A	14	King Crimp™ Cam & Groove - Sleeve	J	King Crimp™ Sleeve	4200						
	Air Craft Refueling conforming to API 1529	K	13	Holedall™ Petroleum Internal Expansion	I	Internal Expansion (Petroleum)	see Ram Manual					
	Push-On	G	8	Push-On	N/A	n/a	2001-2002	350	350	350	350	350
Steam	D	2	Boss™ Couplings	A	Boss™ Interlocking Clamp	2000-2004			250		250	
	E	3	Air King™ Universal	E	Preformed Band Clamp	2100-2101			150	150	150	
Water	E	3	Air King™ Universal	B,A	Air King™ or Boss™ Interlocking Clamp	2000-2001		150	150		150	
	E	3	Air King™ Universal	C	Light Duty Ferrules	2307			150		150	
	F	6	Machined - Short Shank	E	Preformed Band Clamp	2100-2101			150	100	100	
	F	6	Machined - Short Shank	C	Light Duty Ferrules	2304	200	150	150	100	100	
	F	7	Cast Short Shank	E	Preformed Band Clamp	2100-2101			150	100	100	
	F	7	Cast Short Shank	D	Band & Buckle	2104						
	F	4	King™ Machined - Medium Shank	E	Preformed Band Clamp	2100-2101			250	200	200	
	F	5	King™ Machined - Long Shank	E	Preformed Band Clamp	2100-2101			300	300	300	
	A	1	Boss-Lock™ Cam & Groove	E	Preformed Band Clamp	2100-2101			150		250	
	A	1	Boss-Lock™ Cam & Groove	D	Band & Buckle	2104						
	A	1	Boss-Lock™ Cam & Groove	G	Swage/Crimp	see Ram Manual					250	
	D	2	Boss™ Couplings	A	Boss™ Interlocking Clamp	2000-2002	600	600	600		600	
	K	10	Holedall™ Swage/Crimp	G	Swage/Crimp	see Ram Manual	600	600	600		600	
	F	14	King Crimp™ ST - Ferrule	K	King Crimp™ Ferrule	4201						
	F	14	King Crimp™ ST - Sleeve	J	King Crimp™ Sleeve	4200						
	A	14	King Crimp™ Cam & Groove - Ferrule	K	King Crimp™ Ferrule	4201						
	A	14	King Crimp™ Cam & Groove - Sleeve	J	King Crimp™ Sleeve	4200						
	Water <i>no helical wire</i>	F	7	Cast Short Shank	F	Double Bolt Clamp	2201					
F		4	King™ Machined - Medium Shank	F	Double Bolt Clamp	2201						
F		5	King™ Machined - Long Shank	F	Double Bolt Clamp	2201						
F		14	King™ Crimp ST - Ferrule	K	King Crimp™ Ferrule	4201						
F		14	King™ Crimp ST - Sleeve	J	King Crimp™ Sleeve	4200						
A		14	King™ Crimp Cam & Groove - Ferrule	K	King Crimp™ Ferrule	4201						
A		14	King™ Crimp Cam & Groove - Sleeve	J	King Crimp™ Sleeve	4200						

Safety Information

Hose (rubber covered)	1"	1¼"	1½"	2"	2½"	3"	4"	5"	6"	Notes		
Material Handling <i>rubber lined</i>			75	75	50	50	50	25	25	(4) bands on 6"; (3) bands on 3" to 5"; (2) bands on 1½" to 2½"		
			75	75	50	50	50	25	25	(4) bands on 6"; (3) bands on 3" to 5"; (2) bands on 1½" to 2½"		
			125	75	75	50	50	25	25	(4) bands on 6"; (3) bands on 3" to 5"; (2) bands on 1½" to 2½"		
			125	75	75	50	50	25	25	(4) bands on 6"; (3) bands on 3" to 5"; (2) bands on 1½" to 2½"		
			150	125	100	75	75			(5) bands on 3" & 4"; (4) bands on 2" & 2½"; (3) bands on the rest		
			150	125	100	75	75			(5) bands on 3" & 4"; (4) bands on 2" & 2½"; (3) bands on the rest		
			250	250	150	125	100	75	75	(3) bands on 6"; (2) bands on the rest		
			250	250	150	125	100	75	75	(3) bands on 6"; (2) bands on the rest		
			250	250		125	100			Requires properly matched stem and ferrule.		
			600	600	600	600	500	450	400			
			800	800	600	600	500		400	Consult factory for ratings on IXF48-3 to IXF48-5 & IXF64-2 to IXF64-5 ferrules. Internal Expansion is NOT recommended for XLPE, UHMWPE & Gum Rubber lined hoses.		
		400	350	300		300	300		230	(13) crimp length would be full length		
		400	300	250		200	175		75	(13) crimp length would be full length		
	Material Handling <i>no helical wire rubber lined</i>			75	75	50	50	50	25	25	(3) double bolt clamps on 5" & 6"; (2) double bolt clamps on 3" to 4"; (1) double bolt clamp on the rest	
			125	75	75	50	50	25	25	(3) double bolt clamps on 5" & 6"; (2) double bolt clamps on 3" to 4"; (1) double bolt clamp on the rest		
			150	125	100	75	75			(3) double bolt clamps on all sizes		
		400	350	300		300	300		230	(13) crimp length would be full length		
		400	300	250		200	175		75	(13) crimp length would be full length		
		250	250	250		150	150		75	(13) crimp length would be full length		
		250	250	250		125	110		75	(13) crimp length would be full length		
Material Handling <i>cement rubber lined</i>		600	600	600	600	450	450	250		250	Cement will erode ID	
		600	600	600	600	600	600	500	450	400	Cement will erode ID	
		800	800	800	800	600	600	500		400	Cement will erode ID Consult Dixon™ for ratings on IXF48-3 to IXF48-5 & IXF64-2 to IXF64-5 ferrules.	
		125	125	125	75	75	50	50	25	25	(4) bands on 6"; (3) bands on 3" to 5"; (2) bands on 1½" to 2½"; (1) band on the rest	
			125	125	75	75	50	50	25	25	(4) bands on 6"; (3) bands on 3" to 5"; (2) bands on 1½" to 2½"; (1) band on the rest	
		150	150	150	125	100	75	75			(5) bands on 3" & 4"; (4) bands on 2" & 2½"; (3) bands on 1¼" & 1½"; (2) bands on the rest	
Petroleum Transfer				150	150	125	100	75	75		(5) bands on 3" & 4"; (4) bands on 2" & 2½"; (3) bands on the rest	
			250	250	250	150	125	100	75	(3) bands on 6"; (2) bands on the rest		
			250	250	250	150	125	100	75	(3) bands on 6"; (2) bands on the rest		
			250		250		125	100		Requires properly matched stem and ferrule.		
		800	800	800	800	600	600	500		400	Consult factory for ratings on IXF48-3 to IXF48-5 & IXF64-2 to IXF64-5 ferrules.	
		600	600	600	600	600	600	500	450	400		
		400		350	300		300	300		230	(13) crimp length would be full length	
		400		300	250		200	175		75	(13) crimp length would be full length	
		250		250	250		150	150		75	(13) crimp length would be full length	
		250		250	250		125	110		75	(13) crimp length would be full length	
	Air Craft Refueling conforming to API 1529	300	300	300	300	300	300	300				
	Push-On										Push-On fittings should ONLY be used on Push-On hose.	
	Steam	250	250	250	250	250	250	250		250		
	Water			150							(2) bands on ¾" or larger; Must use mating Dixon™ Air King™ fittings with safety clip installed. Band & Buckle is NOT recommended for 1½" and smaller.	
			150							Must use mating Dixon™ Air King™ fittings with safety clip installed. Band & Buckle is NOT recommended for 1½" and smaller.		
			150							(14) Coupling and ferrule are sold separately. Must use mating Dixon™ Air King™ fittings with safety clip installed.		
			100							(1) band; Band & Buckle is NOT recommended for 1½" and smaller.		
			100									
			100	75	75	75	50	50	25	25	(4) bands on 6"; (3) bands on 3" to 5"; (2) bands on 1½" to 2½"; (1) band on the rest	
			150	150	125	75	75	50	25	25	(4) bands on 6"; (3) bands on 3" to 5"; (2) bands on 1½" to 2½"; (1) band on the rest	
			300	300	150	125	100	75	75		(5) bands on 3" & 4"; (4) bands on 2" & 2½"; (3) bands on 1¼" & 1½"; (2) bands on the rest	
			250	250	250	250	150	125	100	75	(3) bands on 6"; (2) bands on the rest	
			250	250	250	150	125	100	75	75	(3) bands on 6"; (2) bands on the rest	
			250		250		125	100			Requires properly matched stem and ferrule.	
			600	600	600	600	450	450	250			
			400		350	300		300	300		230	(13) crimp length would be full length
			400		300	250		200	175		75	(13) crimp length would be full length
		250		250	250		150	150		75	(13) crimp length would be full length	
		250		250	250		125	110		75	(13) crimp length would be full length	
Water <i>no helical wire</i>			75	75	50	50	50	25	25	(3) double bolt clamps on 5" & 6"; (2) double bolt clamps on 3" to 4"; (1) double bolt clamp on the rest		
			125	75	75	50	50	25	25	(3) double bolt clamps on 5" & 6"; (2) double bolt clamps on 3" to 4"; (1) double bolt clamp on the rest		
			150	125	100	75	75			(3) double bolt clamps on all sizes		
		400	350	300		300	300		230	(13) crimp length would be full length		
		400	300	250		200	175		75	(13) crimp length would be full length		
		250	250	250		150	150		75	(13) crimp length would be full length		
	250	250	250		125	110		75	(13) crimp length would be full length			

Dixon™'s Solutions on Site Van



Dixon™'s Solutions on Site (SOS) van is outfitted with product samples, videos, literature and a package of products that Dixon™ can provide to specific markets. Call 800.355.1991 for additional information.

S.T.A.M.P.E.D.

Questions to Ask

S Size

T Temperature

A Application

M Media

P Pressure

E Ends

D Dixon™

Selecting Materials

This information is intended to help make general comparisons between different available materials.

Material	Features and Benefits
Stainless Steel	A corrosion-resistant material that provides high strength at high temperatures, helps prevent contamination of product being transported, maintains cleanliness, and retains a lustrous appearance. Harder than brass. <i>Type 304</i> is a low-carbon chromium-nickel stainless steel. <i>Type 316</i> is similar to type 304, but has a high nickel content as well as a molybdenum for stronger resistance to heat and corrosion. Often used for water, oil, gas, and steam in low- to high-pressure applications.
Brass	Has good corrosion resistance and is less expensive than stainless steel. Is softer and easier to thread than stainless steel and forms tight seals. It can be used interchangeably with copper where heavier walls are required. Found in plumbing and heating application. Also good with oil, natural gas, and air. Resists corrosion from salt water as well as fresh water polluted with waste from mineral acids and peaty soils. Use in low- to high-pressure applications.
Steel	Used in noncorrosive environments. This carbon- and iron-based metal is hard and strong. It is an economical alternative to stainless steel and brass in high-pressure applications. For use with water, oil, gas, and steam in low- to high-pressure applications where corrosion is not a problem.

Product application is based not only on material selection but on design of product for intended use. Please contact Dixon™ for selection of the proper fitting for your application.



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Corrosion Resistance of Coupling Material

⚠ WARNING

The data on the following pages has been compiled from generally available sources and should not be relied upon without consulting and following the specific recommendations of the manufacturer regarding particular coupling materials.

Ratings

Metal
1 = Excellent
2 = Good
3 = Fair
X = Not Recommended
- = Contact Dixon™

Non-Metal
A = Acceptable
X = Not Recommended
- = Contact Dixon™

Gasket/Seal Material
T = PTFE
V = FKM
E = EPDM, EPR
N = Neoprene
B = Buna N

- Ratings given are based at 70°F. Chemical compatibility varies greatly with temperature. For applications at temperatures other than 70°F, contact Dixon™ for recommendations at 800.355.1991.
- Gasket / seal materials are not necessarily listed in order of preference.
- Chemical resistance of a material does not necessarily indicate the suitability of a fitting in a given application due to variables such as improper clamp and coupling application, special hose construction, gasket material, etc.



Special caution should be taken when handling hazardous materials.

Technical Information

AGENT	Aluminum	Brass	Bronze	Hastelloy, C-276	Malleable Iron Carbon Steel	Monel	Stainless Steel, 304	Stainless Steel, 316	Nylon	Polypropylene	Seal Material
Acetate Solvents (Crude)	1	X	X	1	2	2	1	1	A	X	T
Acetate Solvents (Pure)	1	1	1	1	X	1	1	1	A	X	T
Acetic Acid (80%)	3	X	X	1	X	1	1	1	X	X	TEVNB
Acetic Acid (50%)	2	X	X	1	X	2	2	1	X	X	TEVNB
Acetic Acid (20%)	2	X	X	1	X	2	2	1	X	X	TEVNB
Acetic Acid (10%)	2	X	2	1	X	2	1	1	X	X	TEVNB
Acetic Anhydride	2	X	2	1	2	2	2	2	X	X	TNB
Acetone	1	2	2	1	2	1	1	1	A	X	TE
Acetylene	1	X	X	2	2	2	1	1	X	X	TEVNB
Alcohols											
Amyl Alcohol	2	2	2	2	2	1	2	2	A	A	TEVNB
Benzyl Alcohol	2	2	2	2	2	1	1	1	X	A	TVB
Butyl Alcohol	1	2	1	2	2	1	1	1	A	A	TEVN
Diacetone Alcohol	1	1	2	1	2	1	2	2	X	A	TE
Ethyl Alcohol	1	2	2	1	2	2	2	2	X	A	TEVNB
Hexyl Alcohol	-	-	-	1	-	-	-	-	A	-	-
Isobutyl Alcohol	-	-	-	-	-	-	-	-	A	-	-
Isopropyl Alcohol	2	2	2	2	2	2	2	2	A	A	TEVNB
Methyl Alcohol (Methanol)	2	2	2	1	2	2	2	2	A	A	TENB
Octyl Alcohol	-	-	-	-	-	-	-	-	A	-	-
Propyl Alcohol	2	2	2	1	2	2	1	1	X	A	TEVNB
Aluminum											
Aluminum Chloride (Aqu.)	X	X	X	1	X	X	X	X	A	A	TEVNB
Aluminum Fluoride (Sat.)	2	-	-	-	X	2	X	2	X	A	TEVNB
Aluminum Nitrate (Sat.)	3	X	-	-	X	-	2	2	A	A	TEVNB
Aluminum Potassium Sulfate (Alum)	2	2	2	2	X	2	X	2	X	A	TEVNB
Aluminum Sulfate (Sat.)	X	X	2	2	X	2	-	2	A	A	TEVNB
Ammonia											
Ammonia Anhydrous	1	X	X	2	1	1	2	1	A	X	TENB
Ammonia Gas	X	X	X	1	1	X	1	1	A	X	TENB
Ammonia Nitrate	-	-	-	-	-	-	-	-	X	-	-
Ammonium											
Ammonium Bifluoride	-	X	-	2	X	2	-	-	X	A	TEVB
Ammonium Carbonate (Sat.)	2	X	X	2	2	2	2	2	A	A	TEVNB
Ammonium Casenate	-	-	-	-	-	-	-	-	A	-	-
Ammonium Chloride (Sat.)	X	X	2	2	X	2	X	X	A	A	TEVNB
Ammonium Hydroxide (Sat.)	2	X	X	2	1	X	2	2	A	A	TEVNB
Ammonium Nitrate	2	X	X	-	X	X	-	-	A	A	TENB
Ammonium Phosphate (10-40%)	X	X	X	-	X	2	1	2	A	A	TEVNB
Ammonium Sulfate (10-40%)	X	X	3	2	X	2	X	2	A	A	TEVNB
Aniline	-	X	2	2	X	2	1	1	X	X	TV
Arsenic Acid	X	X	2	2	X	X	2	2	X	A	TEVNB
Asphalt	-	-	-	-	2	-	-	2	X	X	TV
Barium											
Barium Carbonate (Sat.)	X	2	2	2	2	2	2	2	A	A	TEVNB
Barium Chloride (Sat.)	-	2	2	1	-	2	X	-	A	A	TEVNB
Barium Hydroxide (Sat.)	X	2	X	2	2	1	2	2	A	A	TEVNB
Barium Sulfate	2	2	2	-	X	2	2	2	A	A	TEVNB
Barium Sulfide	X	X	X	-	2	X	2	2	A	A	TEVNB
Beer	1	2	2	1	2	1	1	1	A	A	TEVNB
Benzaldehyde	2	2	2	2	X	2	2	2	X	X	TE
Benzene, Benzol	1	2	2	2	2	2	2	2	A	X	TV
Benzine	-	-	-	-	-	-	-	-	A	X	-
Benzoic Acid	2	2	2	-	X	2	2	2	X	X	TVN
Black Liquor	X	X	X	X	-	2	2	2	X	A	TEVNB
Bleach (12.5% Active Chlorine)	X	-	-	1	X	-	-	X	X	A	TEVN
Borax	X	2	2	1	2	1	1	1	X	A	TEVNB
Boric Acid	1	X	2	1	X	2	-	-	X	A	TEVNB
Brine Acid	-	2	2	1	-	-	-	-	X	A	TEVNB
Bromic acid	X	X	X	-	-	X	-	-	X	A	TEVN
Bromine Liquid	2	-	-	-	-	-	X	X	X	X	TV
Butadiene, Butylene	2	2	2	2	2	1	2	2	X	X	TVNB
Butane	2	2	2	2	1	1	2	2	X	X	TV
Butyl Acetate	1	2	2	2	2	2	2	2	A	X	T
Butyric Acid	2	2	X	1	X	2	2	2	A	A	TV

Ratings given are based at 70°F.

AGENT	Aluminum	Brass	Bronze	Hastelloy, C-276	Malleable Iron Carbon Steel	Monel	Stainless Steel, 304	Stainless Steel, 316	Nylon	Polypropylene	Seal Material
Calcium											
Calcium Bisulfate	X	-	X	-	X	X	X	2	X	A	T
Calcium Bisulfide	-	-	-	-	-	2	-	2	A	A	TVB
Calcium Bisulfite	X	X	2	2	X	X	-	2	X	A	TVNB
Calcium Bromide	X	2	2	-	X	2	1	X	X	X	T
Calcium Carbonate	X	2	2	2	2	2	1	2	A	A	TEVB
Calcium Chloride (Sat.)	-	2	-	1	2	2	-	-	A	A	TEVNB
Calcium Hydroxide (Sat.)	X	2	X	-	2	2	2	2	A	A	TEVNB
Calcium Hypochlorite (Sat.)	X	X	X	-	X	X	X	2	X	A	TEV
Carbon											
Carbon Bisulfide	1	X	2	2	2	X	2	2	A	X	TV
Carbon Dioxide (Dry)	1	1	2	1	2	1	2	2	A	A	TENB
Carbon Dioxide (Wet)	1	X	-	2	3	-	2	2	X	A	TENB
Carbon Disulfide	1	X	2	2	2	X	2	2	A	X	TV
Carbon Monoxide	1	1	1	1	2	1	1	1	A	A	TEVNB
Carbon Tetrachloride	X	-	1	1	2	1	1	-	A	X	TV
Carbonic Acid	1	2	2	1	2	3	2	2	X	A	TEVNB
Castor Oil	2	2	2	1	2	1	2	2	X	A	TEVNB
Caustic Potash	X	-	-	1	X	-	-	2	A	A	TEVNB
Caustic Soda (see Sodium Hydroxide)											
Cellosolves	2	2	2	2	2	2	2	2	X	A	TE
Chlorine (Liquid)	-	-	-	1	2	2	-	3	X	X	TV
Chloroform	-	-	-	2	X	1	-	-	X	X	TV
Chlorosulfonic Acid	-	X	X	1	2	2	X	X	X	X	T
Clorox (Bleach, 5.5% CL)	X	-	-	-	X	-	-	2	X	-	TEVB
Chromic Acid (50%)	2	X	X	2	X	X	3	-	X	X	TVNB
Citric Acid	3	X	X	1	X	2	-	-	X	A	TEVNB
Coke Oven Gas	2	3	3	-	2	2	2	2	X	X	TEVN
Copper											
Copper Chloride	X	X	X	2	X	X	X	X	A	A	TEVNB
Copper Cyanide	X	X	X	1	-	X	2	2	X	-	TEVNB
Copper Sulfate	X	X	X	1	X	X	-	2	A	A	TEVNB
Cryylic Acid (Conc.)	2	2	X	-	2	3	2	2	X	X	TEV
Cyclohexane	2	2	2	2	2	1	2	2	A	X	TVB
Detergents	2	2	2	1	2	-	1	2	A	A	TEVNB
Dextrose	2	-	-	2	-	2	-	-	A	A	TEVNB
Diesel Fuels	1	1	1	2	2	-	1	1	A	X	TVB
Diethylamine	2	-	X	-	X	1	2	2	X	A	TN
Disodium Phosphate	-	-	-	-	1	-	-	1	A	A	TEV
Ethers	2	2	2	2	2	2	1	1	A	X	TB
Ethyl											
Ethyl Acetate	-	-	2	2	2	2	2	2	A	X	T
Ethyl Chloride	-	-	2	2	2	2	-	1	A	X	TEVB
Ethylene											
Ethylene Chloride	-	-	-	-	2	2	-	-	A	X	TV
Ethylene Dichloride	-	2	X	2	2	1	2	2	A	X	TV
Ethylene Glycol	1	2	2	1	2	2	2	2	A	X	TEVNB
Ethylene Oxide	X	X	X	1	3	2	2	2	X	X	T
Fatty Acids	1	3	3	1	X	2	-	1	A	A	TVNB
Ferric											
Ferric Chloride	X	X	2	2	X	X	X	X	X	A	TEVNB
Ferric Hydroxide	-	-	-	1	-	2	1	1	A	-	TEVNB
Ferric Nitrate (10-50%)	X	X	X	-	X	X	2	2	X	A	TEVNB
Ferric Sulfate	X	X	X	-	X	2	-	-	X	A	TEVNB
Ferrous											
Ferrous Chloride (Sat.)	X	X	2	2	-	X	X	X	X	A	TEVNB
Ferrous Sulfate	2	2	2	2	X	2	2	-	X	A	TEVNB
Fluboric Acid	X	-	-	1	1	2	-	-	X	A	TEVNB
Formaldehyde (50%)	-	2	2	2	X	2	1	1	X	A	TEN
Formic Acid (Anhyd.)	1	X	2	1	X	2	-	-	X	A	TEVN
Freon											
Freon 11	2	2	2	-	X	1	2	2	X	X	TVNB
Freon 12	2	2	2	1	X	2	2	2	X	X	TVNB
Freon 22	2	2	2	2	X	2	2	2	X	X	TN
Fruit Juices	2	2	3	1	X	1	2	2	A	A	TVNB
Fuel Oil	2	2	2	2	2	2	2	2	A	X	TVNB
Furfural	2	2	2	2	2	2	2	2	A	X	TEN

Technical Information

AGENT	Aluminum	Brass	Bronze	Hastelloy, C-276	Malleable Iron Carbon Steel	Monel	Stainless Steel,304	Stainless Steel,316	Nylon	Polypropylene	Seal Material
Gasoline											
Refined Gasoline	2	2	2	2	2	2	2	2	A	X	TVNB
Sour Gasoline	X	2	2	2	2	X	2	2	A	X	TVNB
Gelatin	2	2	2	-	X	2	2	2	A	A	TEVNB
Glucose	2	2	2	-	2	2	2	2	A	A	TEVNB
Glue	2	2	2	1	2	2	-	2	-	A	TEVNB
Glycerine	1	1	2	1	2	1	1	1	A	A	TEVNB
Glycols	2	2	2	-	2	2	2	2	A	A	TEVNB
Green Liquor	-	-	-	-	2	-	-	-	-	A	TEVNB
Heptane	2	2	2	1	2	2	2	2	A	X	TVNB
Hexane	2	2	2	1	2	2	1	1	A	X	TVNB
Hydrobromic Acid (50%)	X	X	X	2	X	X	X	X	X	A	TEV
Hydrobromic Acid (20%)	X	X	X	1	X	X	X	X	X	A	TEV
Hydrochloric Acid (20%)	X	X	X	1	X	3	X	X	X	A	TEVNB
Hydrochloric Acid (38%)	X	X	X	1	X	X	X	X	X	A	TEVN
Hydrocyanic Acid	2	X	X	2	2	2	2	2	X	A	TEVN
Hydrofluosilicic Acid (10-50%)	X	2	X	2	X	2	X	2	X	-	TEVNB
Hydrogen											
Hydrogen Peroxide (50%)	-	X	X	2	X	2	-	-	X	A	TEV
Hydrogen Sulfide (Aqu.)	-	-	-	2	-	2	X	2	X	A	TE
Hydrogen Chloride (Dry Gas)	X	2	-	1	2	1	-	-	X	A	TEVN
Hydrogen Gas	1	1	1	1	-	1	1	1	X	A	TEVNB
Hypochlorous Acid	X	X	X	2	X	X	X	X	X	X	TEV
Iodine	1	X	X	-	X	1	X	X	X	A	TEV
Isopropyl Ether	-	2	2	-	-	2	1	2	A	X	T
Jet Fuel (JP4, JP5)	2	1	2	1	2	2	2	2	X	X	TV
Kerosene	2	2	2	2	2	2	2	2	X	X	TVNB
Ketones	2	2	2	1	2	2	2	2	A	X	T
Lactic Acid (25%)	3	2	2	1	X	X	-	-	A	A	TEVN
Lactic Acid (80%)	2	2	X	2	X	-	-	-	A	A	TEVN
Lard Oil	2	-	2	1	3	2	2	2	A	A	TVB
Lead											
Lead Acetate	X	X	X	2	X	2	2	2	X	A	TENB
Lead Chloride	X	-	-	2	-	-	2	2	X	-	TVNB
Lead Sulfate	X	-	-	2	X	2	2	2	X	-	TEVNB
Lime Sulphur	X	X	X	-	X	2	2	2	X	A	TEVN
Linoleic Acid	2	X	3	2	X	2	2	2	X	A	TVB
Linseed Oil	2	2	2	2	2	2	2	2	A	A	TVNB
Lubricants (Oil)	2	1	-	-	2	2	2	2	A	X	TVNB
Magnesium											
Magnesium Carbonate	2	-	-	-	-	2	2	2	X	A	TEVNB
Magnesium Chloride	X	X	2	1	-	-	-	-	X	A	TEVNB
Magnesium Hydroxide	2	2	2	1	2	2	1	1	X	A	TEVNB
Magnesium Nitrate	2	2	2	1	2	2	2	2	X	A	TEVNB
Magnesium Oxide	-	-	-	-	-	-	-	-	X	-	-
Magnesium Sulfate	2	-	2	-	-	1	2	2	X	A	TEVNB
Maleic Acid	-	2	3	2	X	-	-	2	X	A	TEV
Mercuric											
Mercuric Chloride	X	X	X	-	X	X	X	-	X	A	TEVB
Mercuric Cyanide	X	X	X	2	X	2	2	2	X	A	TEVB
Mercury	X	X	X	1	2	-	1	1	A	A	TEVNB
Methane	1	1	2	1	2	1	1	1	A	X	TEVNB
Methanol	2	2	2	1	2	2	2	2	A	A	TENB
Methyl											
Methyl Bromide	X	-	-	-	2	-	2	2	X	X	TV
Methyl Ethyl Ketone	2	2	2	2	2	2	2	2	A	X	TE
Methyl Isobutyl Ketone	2	2	2	2	2	2	2	2	A	X	T
Methyl Methacrylate	2	-	-	-	X	-	2	2	X	A	T
Methylene Chloride	-	2	2	X	2	-	-	-	A	X	T
Milk	1	X	X	1	2	X	1	1	A	A	TEVNB
Mineral Oil	2	1	-	-	2	1	1	2	A	A	TVNB
Muriatic Acid	X	-	-	1	-	X	X	X	X	A	TV
Napthalene	2	2	2	2	2	2	1	1	A	A	TV
Naptha	2	2	2	2	2	2	2	2	A	X	TVB

Ratings given are based at 70°F.

Technical Information

AGENT	Aluminum	Brass	Bronze	Hastelloy, C-276	Malleable Iron Carbon Steel	Monel	Stainless Steel,304	Stainless Steel,316	Nylon	Polypropylene	Seal Material
Nickel											
Nickel Chloride	X	X	X	-	X	2	-	-	X	A	TEVNB
Nickel Sulfate	X	X	-	2	-	-	2	2	X	A	TEVNB
Nitric											
Nitric Acid (100%)	1	X	X	2	X	X	2	-	X	X	TV
Nitric Acid (50%)	X	X	X	1	X	X	2	-	X	X	TV
Nitric Acid (30%)	X	X	X	1	X	X	1	-	X	X	TV
Nitrobenzene	1	2	2	-	2	2	2	2	A	A	T
Oils											
Castor Oil	2	2	2	1	2	1	2	2	A	A	TEVNB
Coconut Oil	2	-	2	-	3	2	2	2	A	A	TVB
Corn Oil	2	2	2	-	2	2	-	2	A	A	TVNB
Cotton Seed Oil	2	2	2	-	2	1	2	2	A	A	TVNB
Fuel Oil	2	2	2	2	2	2	2	2	A	X	TVNB
Linseed Oil	2	2	2	2	2	2	2	2	A	A	TVNB
Mineral Oil	2	1	-	-	2	1	1	2	A	A	TVNB
Silicon Oil	2	1	2	-	2	-	2	2	A	A	TEVB
Vegetable Oil	2	2	2	1	2	1	1	1	A	X	TVNB
Oleic Acid	2	3	2	2	2	1	-	1	A	X	TB
Oleum	2	X	X	-	2	X	2	2	X	X	TV
Oxalic Acid (Sat.)	2	-	2	2	X	2	X	X	X	A	TEV
Oxygen	2	2	2	-	2	2	2	2	X	X	TEVNB
Palmitic Acid (Sat.)	2	3	2	-	3	2	2	2	X	A	TVB
Paraffin	2	2	2	2	2	2	2	2	A	A	TVNB
Perchloroethylene	2	2	2	2	2	1	-	-	X	X	TV
Petrolatum	2	-	2	-	3	2	2	2	A	-	TVNB
Phenol (Carbolic Acid)	1	1	X	1	2	1	-	1	X	X	TV
Phosphoric Acid											
Phosphoric Acid (25-50%)	X	X	2	1	X	X	-	-	X	A	TEVN
Phosphoric Acid (50-85%)	X	X	X	1	X	3	-	-	X	A	TEV
Photographic Solutions											
Phthalic Anhydride	-	2	2	1	2	1	1	1	X	X	TEV
Picric Acid	1	X	X	2	X	X	2	2	X	-	TEVNB
Plating Solutions											
Brass Plating Solution	-	-	-	1	-	-	-	2	X	A	TEVNB
Cadmium Plating Solution	-	-	-	1	-	-	-	2	X	A	TEVNB
Chrome 40% Plating Solution	X	2	2	1	X	X	2	2	X	A	TEVN
Copper (Cyanide) Plating Solution	-	-	-	1	-	-	-	-	X	A	TEVNB
Gold Plating Solution	-	-	-	1	-	-	-	1	X	A	TEVNB
Iron Plating Solution	-	-	-	-	-	-	-	-	X	A	TEVB
Lead Plating Solution	-	-	-	-	-	-	1	1	X	A	TEVNB
Nickel Plating Solution	-	-	-	1	-	-	1	1	X	A	TEVNB
Silver Plating Solution	-	-	-	1	-	-	1	1	X	A	TEVNB
Tin Plating Solution	-	-	-	1	-	-	-	3	X	A	TEVNB
Zinc Plating Solution	-	-	-	1	-	-	-	-	X	A	TEVNB
Potassium											
Potassium Acetate	X	X	X	-	2	-	-	-	A	A	TEVB
Potassium Bicarbonate (30%)	X	2	-	2	2	2	1	1	A	A	TEVNB
Potassium Carbonate (50%)	X	2	X	2	2	2	1	1	A	A	TEVNB
Potassium Chlorate (30%)	2	X	X	-	2	2	2	1	X	A	TEVNB
Potassium Chloride (30%)	X	X	2	-	2	1	-	-	A	A	TEVNB
Potassium Chromate (30%)	2	2	2	2	-	2	2	2	X	A	TEVB
Potassium Cyanide Solution (30%)	X	X	X	2	2	2	2	2	X	A	TEVNB
Potassium Dichromate (30%)	1	2	2	2	2	2	1	1	X	A	TEVB
Potassium Hydroxide (90%)	X	X	X	2	-	2	X	-	X	A	TENB
Potassium Nitrate (80%)	1	2	2	2	2	2	2	2	X	A	TEVNB
Potassium Permanganate (20%)	2	2	2	1	2	2	2	2	X	A	TEVN
Potassium Sulfate (10%)	1	2	2	1	2	1	1	1	A	A	TEVNB
Propane	1	1	1	2	2	1	2	2	X	X	TVB
Propylene Glycol	2	2	2	2	2	2	2	2	A	A	TVNB
Propylene Oxide (90%)	-	-	-	-	-	-	1	1	X	X	TE
Pyridine	2	2	2	-	2	2	2	2	A	X	T
Pyrogalllic Acid	2	2	2	2	2	2	2	2	X	X	TVNB
Silver Nitrate	X	X	X	-	X	X	2	1	X	A	TEVNB
Soap Solutions	2	2	2	1	2	2	2	2	A	A	TEVNB

Ratings given are based at 70°F.

Technical Information

AGENT	Aluminum	Brass	Bronze	Hastelloy, C-276	Malleable Iron Carbon Steel	Monel	Stainless Steel, 304	Stainless Steel, 316	Nylon	Polypropylene	Seal Material
Sodium											
Sodium Acetate	1	2	2	-	X	2	2	2	A	A	TEN
Sodium Bicarbonate (20%)	2	2	2	1	3	1	1	1	A	A	TEVNB
Sodium Bisulfate	X	-	2	2	2	-	-	-	A	A	TEVNB
Sodium Bisulfite	X	2	X	2	X	-	-	-	A	A	TEVNB
Sodium Borate	2	2	2	2	3	2	2	2	A	A	TEVNB
Sodium Perborate (10%)	2	X	2	2	2	2	2	2	X	A	TEVNB
Sodium Carbonate	X	2	-	2	2	1	-	2	A	A	TEVNB
Sodium Chlorate (50%)	2	2	2	1	X	1	2	2	X	A	TEVNB
Sodium Cyanide	X	X	X	2	2	X	-	-	A	A	TEVNB
Sodium Dichromate	2	X	X	1	2	-	2	2	X	A	TE
Sodium Hydroxide (70%)	X	X	X	1	3	1	2	2	X	A	TENB
Sodium Hydroxide (50%)	X	X	3	1	3	1	1	-	X	A	TENB
Sodium Hydroxide (30%)	X	2	3	2	2	1	1	1	X	A	TENB
Sodium Chloride (30%)	X	2	2	2	2	1	-	-	X	A	TEVNB
Sodium Hypochlorite	X	X	X	-	X	X	-	-	X	A	TEV
Sodium Metaphosphate	X	X	2	-	X	2	2	2	X	X	TEVNB
Sodium Nitrate (40%)	1	2	-	-	2	2	1	1	A	A	TENB
Sodium Perborate (10%)	2	X	2	2	2	2	2	2	X	A	TEVNB
Sodium Peroxide (10%)	2	X	X	2	2	2	2	2	X	A	TEVNB
Sodium Silicate	1	2	2	2	2	2	2	2	A	A	TEVNB
Sodium Sulfate	-	2	2	2	2	-	-	1	A	A	TEVNB
Sodium Sulfide (50%)	X	X	X	2	2	2	-	2	X	A	TEVNB
Sodium Thiosulphate	2	X	X	2	X	2	2	2	A	A	TEVNB
Stannic Chloride	X	X	X	-	X	X	X	X	X	A	TEVNB
Stannous Chloride	X	X	X	2	X	-	X	-	X	X	TEVNB
Steam	-	-	-	-	-	-	-	-	X	-	-
Stearic Acid	2	3	2	1	3	3	2	1	A	A	TVNB
Stoddard's Solvent	2	2	2	1	2	2	2	2	X	A	TVB
Sugar Liquors (Cane)	1	2	1	-	2	2	2	2	A	A	TEVNB
Sugar Liquors (Beet)	1	2	1	-	2	1	1	1	A	A	TEVNB
Sulfate Liquors	2	X	X	2	3	2	-	2	X	A	TVNB
Sulfite Liquors	X	X	-	1	X	X	2	2	X	X	TVNB
Sulfur Chloride	X	-	X	2	X	X	-	-	X	X	TV
Sulfur Dioxide (Dry)	2	2	2	2	1	2	-	2	X	A	TE
Sulfur Trioxide	2	2	X	2	2	2	-	2	X	X	TEV
Sulfuric Acid (TO 10%)	X	2	X	1	X	X	X	X	X	A	TEVNB
Sulfuric Acid (100%)	X	X	X	1	2	X	-	-	X	X	TV
Sulfurous Acid	2	2	X	-	X	X	X	-	X	A	TV
Tannic Acid	X	-	X	-	X	2	2	2	X	A	TEVNB
Tanning Liquors	1	-	2	1	-	-	1	1	X	A	TVNB
Tartaric Acid	-	-	2	2	-	-	1	1	A	A	TVNB
Titanium Tetrachloride	X	X	X	2	2	2	-	2	X	X	TV
Toluene	1	1	1	1	1	1	1	1	A	X	TVB
Tetrahydrofuran	X	-	2	1	1	-	1	2	A	X	T
Tomato Juice	2	-	3	2	3	2	2	2	X	A	TEVNB
Trichloroethylene	1	-	2	1	2	-	-	-	A	X	TV
Triethanolamine	2	X	2	2	2	2	2	2	A	X	TEVN
Triethylamine	-	-	-	-	-	2	2	2	A	X	TVB
Trisodium Phosphate (10%)	X	2	-	1	2	2	1	1	A	A	TVNB
Turpentine	2	X	2	2	2	1	1	1	X	X	TVB
Urea (50%)	2	-	2	-	2	2	2	2	A	A	TEVNB
Urine	-	-	-	-	2	-	1	1	X	A	TEVNB
Vinegar	X	X	2	2	2	2	2	2	X	A	TEVN
Water Acid (Mine)	X	X	X	1	X	-	-	-	X	A	TEVNB
Water (Distilled)	X	2	2	1	X	X	2	2	A	A	TEVNB
Water (Sea)	2	2	2	1	X	2	2	2	A	A	TEVNB
Whiskey	X	2	2	1	2	2	1	1	X	A	TEVNB
White Liquor (Pulp)	2	-	X	2	X	X	2	2	X	A	TEVNB
Wine	X	2	2	1	X	2	1	1	X	A	TEVNB
Xylene	2	2	2	1	2	2	2	2	A	X	TV
Zinc											
Zinc Chloride	X	X	X	2	X	-	X	2	A	A	TEVNB
Zinc Nitrate	-	-	-	-	-	-	2	2	X	A	TEVNB
Zinc Sulfate (50%)	X	2	2	2	X	2	1	1	X	A	TEVNB

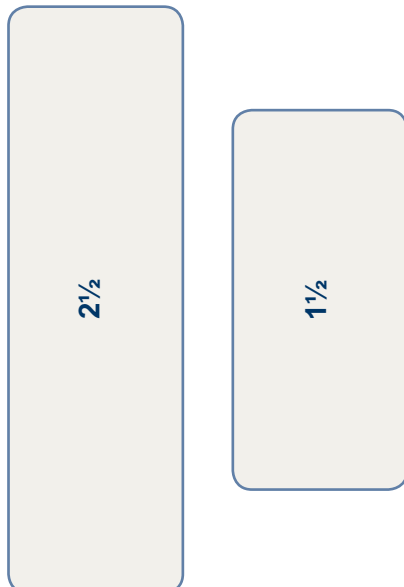
Ratings given are based at 70°F.

Fittings Size Chart

Male NPT Thread Sizes



Male NST Thread Sizes



Temperature Conversions

Look up reading in middle column (shaded). If in degrees Centigrade, read Fahrenheit equivalent in right-hand column; if in degrees Fahrenheit, read Centigrade equivalent in left-hand column.

°C	°F	°C	°F	°C	°F	°C	°F	
-73	-100	-148	5.0	41	105.8	33.3	92	197.6
-68	-90	-130	5.6	42	107.6	33.9	93	199.4
-62	-80	-112	6.1	43	109.4	34.4	94	201.2
-57	-70	-94	6.7	44	111.2	35.0	95	203.0
-51	-60	-76	.72	45	113.0	35.6	96	204.8
-46	-50	-58	7.8	46	114.8	36.1	97	206.6
-40	-40	-40	8.3	47	116.6	36.7	98	208.4
-34	-30	-22	8.9	48	118.4	37.2	99	210.2
-29	-20	-4	9.4	49	120.2	37.8	100	212.0
-23	-10	14	10.0	50	122.0			
-17.8	0	32	10.6	51	123.8	43	110	230
-17.2	1	33.8	11.1	52	125.6	49	120	248
-16.7	2	35.6	11.7	53	127.4	54	130	266
-16.1	3	37.4	12.2	54	129.2	60	140	284
-15.6	4	39.2	12.8	55	131.0	66	150	302
-15.0	5	41.0	13.3	56	132.8	71	160	320
-14.4	6	42.8	13.9	57	134.6	77	170	338
-13.9	7	44.6	14.4	58	136.4	82	180	356
-13.3	8	46.4	15.0	59	138.2	88	190	374
-12.8	9	48.2	15.6	60	140.0	93	200	392
-12.2	10	50.0	16.1	61	141.8	99	210	410
-11.7	11	51.8	16.7	62	143.6	100	212	413.6
-11.1	12	53.6	17.2	63	145.4	104	220	428
-10.6	13	55.4	17.8	64	147.2	110	230	446
-10.0	14	57.2	18.3	65	149.0	116	240	464
-9.4	15	59.0	18.9	66	150.8	121	250	482
-8.9	16	60.8	19.4	67	152.6	127	260	500
-8.3	17	62.6	20.0	68	154.4	132	270	518
-7.8	18	64.4	20.6	69	156.2	138	280	536
-7.2	19	66.2	21.1	70	158.0	143	290	554
-6.7	20	68.0	21.7	71	159.8	149	300	572
-6.1	21	69.8	22.2	72	161.6	154	310	590
-5.6	22	71.6	22.8	73	163.4	160	320	608
-5.0	23	73.4	23.3	74	165.2	166	320	626
-4.4	24	75.2	23.9	75	167.0	170	338	640
-3.9	25	77.0	24.4	76	168.8	171	340	644
-3.3	26	78.8	25.0	77	170.6	177	350	662
-2.8	27	80.6	25.6	78	172.4	182	360	680
-2.2	28	82.4	26.1	79	174.2	186	366	691
-1.7	29	84.2	26.7	80	176.0	188	370	698
-1.1	30	86.0	27.2	81	177.8	193	380	716
-.6	31	87.8	27.8	82	179.6	198	388	730
0	32	89.6	28.3	83	181.4	199	390	734
.6	33	91.4	28.9	84	183.2	204	400	752
1.1	34	93.2	29.4	85	185.0	208	406	763
1.7	35	95.0	30.0	86	186.8	210	410	770
2.2	36	96.8	30.6	87	188.6	216	420	788
2.8	37	98.6	31.1	88	190.4	221	430	806
3.3	38	100.4	31.7	89	192.2	227	440	824
3.9	39	102.2	32.2	90	194.0	232	450	842
4.4	40	104.0	32.8	91	195.8			

Steam Temperature - Pressure Conversion Guide

Temperature - Pressure Equivalents of Saturated Steam Gauge Pressure at Sea Level

• Degrees Celsius = 5/9 (Degrees F - 32)

Temperature		Lbs. per Sq. Inch	Temperature		Lbs. per Sq. Inch	Temperature		Lbs. per Sq. Inch
°F	°C		°F	°C		°F	°C	
212	100.0	0.0	286	141.1	39.4	336	168.9	97.1
214	101.1	0.6	287	141.7	40.3	337	169.4	98.7
216	102.2	1.2	288	142.2	41.1	338	170.0	100.2
218	103.3	1.8	289	142.8	42.0	339	170.6	101.8
220	104.4	2.5	290	143.3	42.9	340	171.1	103.3
222	105.6	3.2	291	143.9	43.8	341	171.7	105.0
224	106.7	3.9	292	144.4	44.7	342	172.2	106.5
226	107.8	4.6	293	145.0	45.6	343	172.8	108.2
228	108.9	5.3	294	145.6	46.5	344	173.3	109.8
230	110.0	6.1	295	146.1	47.5	345	173.9	111.5
232	111.1	6.9	296	146.7	48.4	346	174.4	113.1
234	112.2	7.7	297	147.2	49.4	347	175.0	114.8
236	113.3	8.5	298	147.8	50.3	348	175.6	116.5
238	114.4	9.4	299	148.3	51.3	349	176.1	118.2
240	115.6	10.3	300	148.9	52.3	350	176.7	119.9
242	116.7	11.2	301	149.4	53.4	352	177.8	123.5
244	117.8	12.1	302	150.0	54.4	354	178.9	127.1
246	118.9	13.1	303	150.6	55.4	356	180.0	130.8
248	120.0	14.1	304	151.1	56.4	358	181.1	134.5
250	121.1	15.1	305	151.7	57.5	360	182.2	138.3
252	122.2	16.2	306	152.2	58.6	362	183.3	142.3
254	123.3	17.3	307	152.8	59.7	364	184.4	146.2
256	124.4	18.4	308	153.3	60.7	366	185.6	150.3
258	125.6	19.6	309	153.9	61.9	368	186.7	154.4
260	126.7	20.7	310	154.4	63.0	370	187.8	158.7
261	127.2	21.4	311	155.0	64.2	372	188.9	163.0
262	127.8	22.0	312	155.6	65.3	374	190.0	167.4
263	128.3	22.6	313	156.1	66.5	376	191.1	171.9
264	128.9	23.2	314	156.7	67.6	378	192.2	176.4
265	129.4	23.9	315	157.2	68.8	380	193.3	181.1
266	130.0	24.5	316	157.8	70.0	382	194.4	185.8
267	130.6	25.2	317	158.3	71.3	384	195.6	190.6
268	131.1	25.8	318	158.9	72.5	386	196.7	195.6
269	131.7	26.5	319	159.4	73.7	388	197.8	200.6
270	132.2	27.2	320	160.0	75.0	390	198.9	205.7
271	132.8	27.9	321	160.6	76.3	392	200.0	210.9
272	133.3	28.6	322	161.1	77.5	394	201.1	216.2
273	133.9	29.3	323	161.7	78.8	396	202.2	221.5
274	134.4	30.0	324	162.2	80.1	398	203.3	227.0
275	135.0	30.8	325	162.8	81.5	400	204.4	232.6
276	135.6	31.5	326	163.3	82.8	402	205.5	238.0
277	136.1	32.3	327	163.9	84.2	404	206.7	244.0
278	136.7	33.0	328	164.4	85.6	406	207.8	250.0
279	137.2	33.8	329	165.0	87.0	408	208.9	256.0
280	137.8	34.5	330	165.6	88.4	410	210.0	262.0
281	138.3	35.3	331	166.1	89.8	412	211.1	268.0
282	138.9	36.1	332	166.7	91.2	414	212.2	275.0
283	139.4	36.9	333	167.2	92.7	416	213.3	281.0
284	140.0	37.7	334	167.8	94.1	418	214.4	288.0
285	140.6	38.6	335	168.3	95.6	420	215.6	294.0

Pressure Conversions

100 PSI = 6.9 Bars
 250 PSI = 17.25 Bars
 600 PSI = 41.4 Bars

5 Bars = 72.5 PSI
 10 Bars = 145 PSI
 25 Bars = 362.5 PSI

Measurement Information

Measures of Pressure

1 Pound Per Square Inch = 144 Pounds Per Square Foot = 0.068 Atmosphere = 2.042 Inches of Mercury at 62°F = 27.7 Inches of Water at 62°F = 2.31 Feet of Water at 62°F.

1 Atmosphere = 30 Inches of Mercury at 62°F = 14.7 Pounds Per Square Inch = 2116.3 Pounds Per Square Foot = 33.95 Feet of Water at 62°F.

1 Foot of Water at 62°F = 62.355 Pounds Per Square Foot = 0.433 Pounds Per Square Inch.

1 Inch of Mercury at 62°F = 1.132 Feet of Water = 13.58 Inches of Water = 0.491 Pounds Per Square Inch.

Column of Water 12 Inches High, 1 Inch in Diameter = .341 Pounds

If temperature is kept constant, the volume of a given mass of gas is inversely proportional to the pressure which is exerted upon it.

Length Conversion Constants

Millimeters x .039370 = Inches
 Meters x 39.370 = Inches
 Meters x 3.2808 = Feet
 Meters x 1.09361 = Yards
 Kilometers x 3,280.8 = Feet
 Kilometers x .62137 = Statute Mile
 Kilometers x .53959 = Nautical Miles

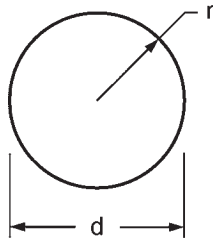
Inches x 25.4001 = Millimeters
 Inches x .0254 = Meters
 Feet x .30480 = Meters
 Yards x .91440 = Meters
 Feet x .0003048 = Kilometers
 Statute Miles x 1.60935 = Kilometers
 Nautical Miles x 1.85325 = Kilometers

Weight Conversion Constants

Grams x .03527 = Ounces (Avd.)
 Grams x .033818 = Fluid Ounces (Water)
 Kilograms x 35.27 = Ounces (Avd.)
 Kilograms x 2.20462 = Pounds (Avd.)

Ounces (Avd.) x 28.35 = Grams
 Fluid Ounces (Water) x 29.57 = Grams
 Ounces (Avd.) x .02835 = Kilograms
 Pounds (Avd.) x .45359 = Kilograms

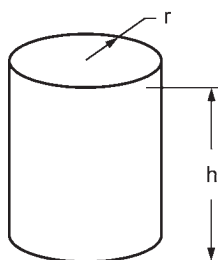
Circumference of a Circle



$$\text{Circumference} = 2\pi r = \pi d = 3.14159 d$$

$$\text{Area} = \pi r^2 = \pi \frac{d^2}{4} = .78539 d^2$$

Right Cylinder



r = radius
 h = length

$$\text{Volume} = \pi r^2 h$$

$$\text{Surface Area} = 2\pi r (r + h)$$

If end planes are parallel but not at 90° to h, the same formulas apply, but a slice at 90° through the cylinder must be used to determine r.

Bolt Tightening Sequence for Dixon™ Boss Clamps

1. The correct size Boss™ clamp must be used.
2. Bolts in Boss™ clamps are designed to bend as they are tightened. This allows the clamp to conform to the hose outside diameter.
3. Always tighten bolts to their specified torque value. This torque value can be found on the pages 116-117.
4. Periodic re-tightening of bolts is required due to "cold flow" phenomenon present in all rubber hoses.
5. Boss™ clamps are for single use only! Once removed they are to be discarded.

2 Bolt Dixon™ Boss™ Clamp Bolt Tightening Sequence

Using a torque wrench, begin tightening the bolts as follows:

- a) First bolt (nut facing assembler) 1 full turn.
- b) Second bolt (opposite first bolt) 1 full turn.
- c) Repeat procedure "a" and "b" until both bolts have reached the recommended torque.
- d) Remove assembly from vise.

4 Bolt Dixon™ Boss™ Clamp Bolt Tightening Sequence

Using a torque wrench, begin tightening the bolts as follows:

- a) Back bolt (bolt with nut facing assembler that is furthest away from gripping finger) 1 full turn.
- b) Front bolt (bolt with nut facing assembler that is closest to gripping finger) 1 full turn.
- c) Snug by hand (if bolts are loose) nuts on opposite side of bolts just torqued.
- d) Opposite side back bolt (bolt with nut facing assembler furthest away from gripping finger) 1 full turn.
- e) Opposite side front bolt (bolt with nut facing assembler closest to gripping finger) 1 full turn.
- f) Snug by hand (if bolts are loose) nuts on opposite side of bolts just torqued.
- g) Repeat above procedure "a" through "f" until all of the bolts have reached the recommended torque.
- h) Remove assembly from vise.

6 Bolt Dixon™ Boss™ Clamp Bolt Tightening Sequence

Using a torque wrench, begin tightening the bolts as follows:

- a) Back bolt (bolt with nut facing assembler that is furthest away from gripping finger) having "X" near it one full turn.
- b) Front bolt (bolt with nut facing assembler that is closest to gripping finger) of same segment one full turn.
- c) Moving to clamp segment to the left of the one just tightened, snug bolts by hand (if bolts are loose).
- d) Back bolt to one full turn.
- e) Front bolt one full turn.
- f) Moving to clamp segment to the left of the one just tightened, snug bolts by hand (if bolts are loose).
- g) Back bolt one full turn.
- h) Front bolt one full turn.
- i) Repeat above procedure "a" through "h" until all of the bolts have reached the recommended torque.
- j) Remove assembly from vise.

Fraction - Decimal Conversion Chart

	<u>Inches</u>	<u>Millimeters</u>		<u>Inches</u>	<u>Millimeters</u>
$\frac{1}{64}$	.015625	.3969	$\frac{33}{64}$	.515625	13.0969
$\frac{1}{32}$	.03125	.7938	$\frac{35}{64}$	.546875	13.8907
$\frac{3}{64}$	.046875	1.1906	$\frac{9}{16}$	.5625	14.2876
$\frac{1}{16}$	.0625	1.5875	$\frac{37}{64}$	.578125	14.6844
$\frac{5}{64}$	.078125	1.9844	$\frac{19}{32}$	.59375	15.0813
$\frac{3}{32}$	.09375	2.3813	$\frac{39}{64}$	.609375	15.4782
$\frac{7}{64}$	.109375	2.7781	$\frac{5}{8}$	.625	15.8751
$\frac{1}{8}$	.125	3.1750	$\frac{41}{64}$	.640625	16.2719
$\frac{9}{64}$	.140625	3.5719	$\frac{21}{32}$	.65625	16.6688
$\frac{5}{32}$	.15625	3.9688	$\frac{43}{64}$	.671875	17.0657
$\frac{11}{64}$	.171875	4.3656	$\frac{11}{16}$	.6875	17.4626
$\frac{3}{16}$	.1875	4.7625	$\frac{45}{64}$	.703125	17.8594
$\frac{13}{64}$	.203125	5.1594	$\frac{23}{32}$	.71875	18.2563
$\frac{7}{32}$	.21875	5.5563	$\frac{47}{64}$	.734375	18.6532
$\frac{15}{64}$	.234375	5.9531	$\frac{3}{4}$	.750	19.0501
$\frac{1}{4}$	.250	6.3500	$\frac{49}{64}$	.765625	19.4470
$\frac{17}{64}$	.265625	6.7469	$\frac{25}{32}$	.78125	19.8438
$\frac{9}{32}$	.28125	7.1438	$\frac{51}{64}$	.796875	20.2407
$\frac{19}{64}$	.296875	7.5406	$\frac{13}{16}$	.8125	20.6376
$\frac{5}{16}$	.3125	7.9375	$\frac{53}{64}$	.828125	21.0345
$\frac{21}{64}$	.328125	8.3344	$\frac{27}{32}$	.84375	21.4313
$\frac{11}{32}$	.34375	8.7313	$\frac{55}{64}$	.859375	21.8282
$\frac{23}{64}$	.359375	9.1282	$\frac{7}{8}$	.875	22.2251
$\frac{3}{8}$	.375	9.5250	$\frac{57}{64}$	.890625	22.6220
$\frac{25}{64}$	.390625	9.9219	$\frac{29}{32}$	.90625	23.0188
$\frac{13}{32}$	.40625	10.3188	$\frac{59}{64}$	.921875	23.4157
$\frac{27}{64}$	.421875	10.7157	$\frac{15}{16}$	.9375	23.8126
$\frac{7}{16}$	.4375	11.1125	$\frac{61}{64}$	.953125	24.2095
$\frac{29}{64}$	.453125	11.5094	$\frac{31}{32}$	.96875	24.6063
$\frac{15}{32}$	.46875	11.9063	$\frac{63}{64}$	.984375	25.0032
$\frac{31}{64}$	.484375	12.3032	$\frac{1}{2}$	1.000	25.4001
$\frac{1}{2}$	.500	12.7001			

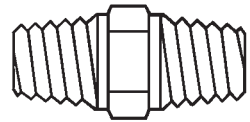
Identifying Threads

Pipe Threads

Pipe threads are either tapered or straight (parallel). The two styles may or may not be compatible. Refer to thread information chart on page 830.

Tapered threads

Tapered threads are the most common type of thread available. As the name implies, they have a slight taper. When mated together and tightened, the threads compress and may form a seal. Usually a thread sealant is required. The mating threads both hold the fitting in place and seal the connection. The most widely used pipe threads in North America are NPT (National Pipe Taper). Some confusion may result from the use of NPT, FPT, and MPT in describing threads. Both FPT and MPT are NPT threads, with FPT meaning female threads (internal) and MPT meaning male threads (external).

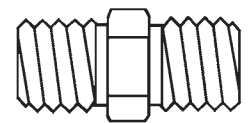


tapered threads

NPTF (Dryseal) threads are modified NPT threads, which are less likely to leak without a sealant. For a leak-free seal, we recommend using a sealant compound or PTFE tape. You can use NPTF threads with NPT threads, but you'll lose some of the leak-free characteristics.

Straight threads

Straight (parallel) threads are used for mechanical joining. They serve one purpose - to hold a fitting in place. As a result, an O-ring (elastomer), hard metal seal or a soft seat seal is required. Straight pipe threads include NPSM (National Pipe Straight Mechanical), and NPSH (National Pipe Straight Hose). Sizing and pitches may differ from the NPT threads



straight threads

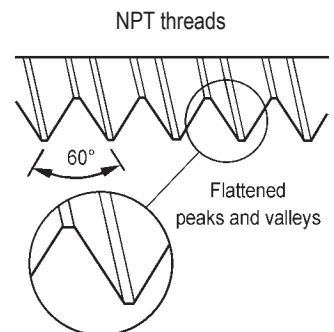
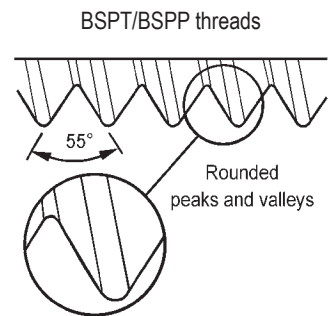
Less common straight threads are GHT (Garden Hose) and NST (fire hose coupling).

NPT vs. BSP (British Standard Pipe)

BSP threads are common in many countries outside the United States. BSP consists of two types of threads - BSPT (British Standard Pipe Taper) and BSPP (British Standard Pipe Parallel).

BSPT threads have a slight taper similar to NPT. BSPP threads are straight (parallel) threads and have the same thread angle, shape and threads per inch (pitch) as BSPT threads. *BSPT and BSPP threads should not be substituted for NPT threads.*

NPT and BSPT/BSPP threads have different angles, shape, and (in most cases) threads per inch (pitch). The thread angle is 60° for NPT threads; 55° for BSPT/BSPP threads. NPT threads are flattened at the peaks and valleys, while BSPT/BSPP threads are rounded.



Nominal Pipe Size	Threads per inch	
	NPT	BSPT / BSPP
1/16"	27	---
1/8"	27	28
1/4"	18	19
3/8"	18	19
1/2"	14	14
3/4"	14	14
1"	11½	11
1-1/4"	11½	11
1-1/2"	11½	11
2"	11½	11
2-1/2"	8	11
3"	8	11
3-1/2"	8	11
4"	8	11
5"	8	11
6"	8	11
8"	8	11

Identifying Threads

It is important to identify the threads required before ordering couplings.

Identifying threads can sometimes be the most difficult and frustrating part of coupling selection. However, without the right combination of threads, you may not provide a functional or safe connection.

The diameters, threads per inch (TPI) and thread pitch, etc. are necessary to completely identify a thread. Ring, plug and GO/NOGO gauges are required to accurately gauge or identify threads. In the field, in the absence of these gauges, thread leaf gauges can be used to identify the Threads Per Inch (TPI) and the thread pitch. On threads you have determined to be straight threads, a caliper can be used to measure the Outside Diameter of the male (ODM) or the Inside Diameter of the female (IDF). A caliper can also be used to take measurements of tapered thread diameters. However, these are more difficult to define because of the taper. Fortunately, there are few tapered threads to deal with and these can usually be identified from the nominal ODM and the TPI.

However, identifying the thread may not fully identify what is needed in a mating fitting. The application is the primary *limiting factor on the thread type used*. Dixon™ offers products with a wide variety of threads used with hose, pipe and hydraulics.

When attempting to choose a fitting, it is always advisable to first identify the thread to which it must connect. This may entail checking with a fitting or equipment manufacturer.

The fire hose thread specifications for some local municipal fire equipment and hydrants may vary according to local specifications. These can generally be most easily identified by contacting the local fire department responsible for the hydrant. The most common thread used on fire equipment is National Standard Thread (NST), also known as National Hose thread (NH).

When it is not possible to identify the thread:

1. Determine the number of threads per inch by measuring the distance from peak of thread to peak of thread across the largest number of whole threads. Then divide the number of threads by the measurement (this will provide the TPI).

2. Check to see if the thread is straight or tapered.

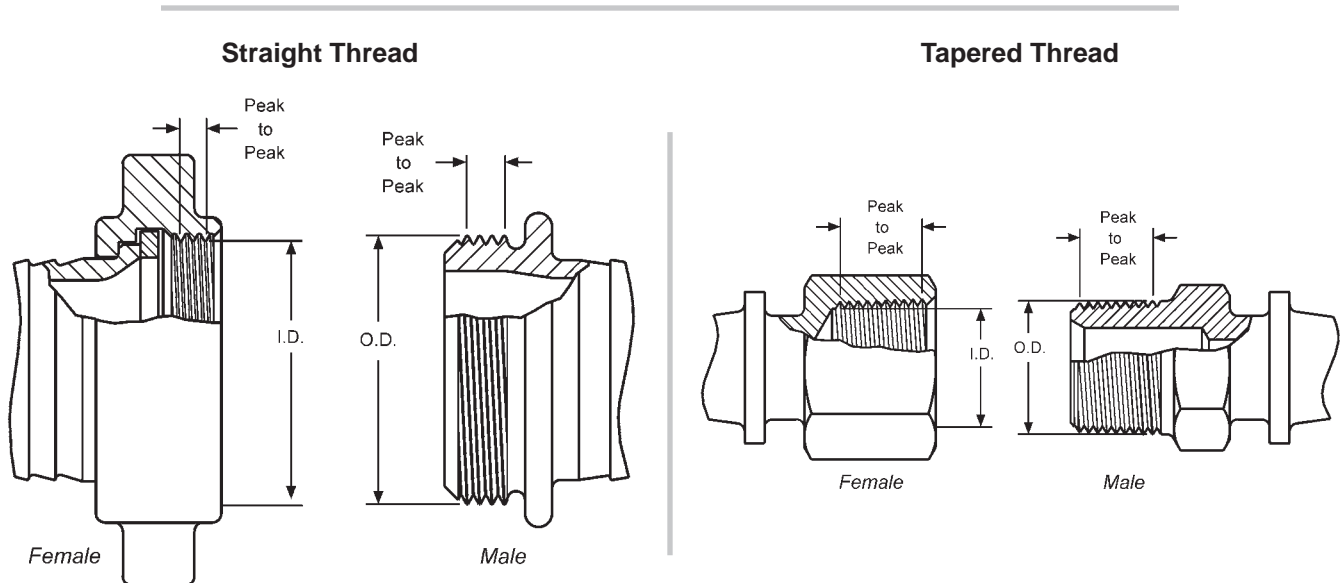
a) Straight Threads

Measure the Outside Diameter of the Male (ODM) or the Inside Diameter of the Female (IDF), from peak of thread to peak of thread.

b) Tapered Threads

Measure the Outside Diameter of the Male (ODM) at the large end and the small end, or the Inside Diameter of the Female (IDF) at the large end and the small end, from peak of thread to peak of thread. Then measure the Outside Diameter (OD) of the unthreaded pipe.

Once the application and these two pieces of information have been determined, the thread can generally be determined. When in doubt, call Dixon™ at 800.355.1991.



Threading Information

Abbreviation	System Name	Compatibility	Seal Method
BSPP	British Standard Pipe Parallel	male BSPP with female BSPP	washer
		female BSPP with male BSPP	washer
		female BSPP with male BSPT	washer
BSPTTr	British Standard Pipe Taper	male BSPTTr with female BSPTTr	thread
		male BSPTTr with female BSPP	washer
		female BSPTTr with male BSPTTr	
		<i>female BSPTTr not compatible with male BSPP</i>	thread
CHT	American Standard Fire Hose Thread (1" National Hose Thread is C hemical H ose T hread, also known as B ooster H ose T hread)	1" male NH (NST) with 1" female NH (NST)	washer
		1" female NH (NST) with 1" male NH (NST)	washer
		1" thread is used on both ¾" hose & 1" hose	not compatible
GHT	Garden Hose Thread	male GHT with female GHT	washer
		female GHT with male GHT	washer
		thread is same for all size hose	not compatible
IPS	Iron Pipe Straight Thread	generic name for Straight Pipe Thread <i>see NPSH for compatibility</i>	washer
IPT	Iron Pipe Thread	generic name for All Pipe Thread	more information required
JIC	Joint Industrial Committee	used with other mating JIC threads	mechanical
NH or NST	American Standard Fire Hose Coupling Thread (N ational H ose thread also known as N ational S tandard T hread)	male NH (NST) with female NH (NST)	washer
		female NH (NST) with male NH (NST) thread pitch and diameters of fire threads may vary according to local and municipal regulations <i>not compatible with other systems</i>	washer
NPT	American Standard Taper Pipe Thread (N ational P ipe T apered)	male NPT with female NPT	thread
		male NPT with female NPTF	thread
		male NPT with female NPSM	washer
		male NPT with female NPSH	washer
		female NPT with male NPT	thread
		female NPT with male NPTF	thread
<i>female NPT not compatible with male NPSM or male NPSH</i>	thread		
NPTF	American Standard Taper Pipe Fuel Dryseal Thread (N ational P ipe T apered D ryseal)	male NPTF with female NPTF	thread
		male NPTF with female NPT	thread
		male NPTF with female NPSM	washer
		male NPTF with female NPSH	washer
		female NPTF with male NPTF	thread
		female NPTF with male NPT	thread
		female NPTF with male NPSM or NPSH	
		<i>NPTF with NPTF threads do not require sealant for the initial use, after that, sealant is required</i>	not compatible
NPSH	American Standard Straight Pipe for Hose Couplings (N ational P ipe S traight H ose)	male NPSH with female NPSH	washer
		female NPSH with male NPSH	washer
		female NPSH with male NPT	washer
		female NPSH with male NPTF	washer
		female NPSH with male NPSM	washer
NPSM	American Standard Straight Mechanical Joints (N ational P ipe S traight M echanical)	male NPSM with female NPSM	Seal can be either mechanical or washer. Mating fittings must be of same type.
		male NPSM with female NPSH	
		female NPSM with male NPSM	
		female NPSM with male NPT	
		female NPSM with male NPTF	
SIPT	Straight Iron Pipe Thread	generic name for Straight Pipe Thread	washer
TIPT	Tapered Iron Pipe Thread	generic name for Tapered Pipe Thread	thread
NYFD	NYFD Fire Department	straight thread used in New York City	washer
Chicago	Chicago Fire Department	straight thread used in Chicago	washer

Thread Chart for Hydraulic Fittings

Dash Size	2	4	6	8	10	12	16	20	24	32	40	48
JIC 37 degree Flare Thread	5/16-24	7/16-20	9/16-18	3/4-16	7/8-14	1 1/16-12	1 5/16-12	1 5/8-12	1 7/8-12	2 1/2-12	---	---
SAE O-Ring Thread	---	7/16-20	9/16-18	3/4-16	7/8-14	1 1/16-12	1 5/16-12	1 5/8-12	1 7/8-12	2 1/2-12	---	---
NPTF Pipe Thread	1/8-27	1/4-18	3/8-18	1/2-14	---	3/4-14	1-11 1/2	1 1/4-11 1/2	1 1/2-11 1/2	2-11 1/2	---	---
NPSM Swivel Thread	---	1/4-18	3/8-18	1/2-14	---	3/4-14	1-11 1/2	1 1/4-11 1/2	1 1/2-11 1/2	2-11 1/2	---	---
Flat Face Thread	---	9/16-18	11/16-16	13/16-16	1-14	1 3/16-12	1 7/16-12	---	---	---	---	---
Code 61 Flange Head OD	---	---	---	1.19	---	1.50	1.75	2.00	2.38	2.81	3.31	4.0
Code 62 Flange Head OD	---	---	---	1.25	---	1.62	1.88	2.12	2.50	3.12	---	---
British Thread BSPP/BSPT	---	1/4-19	3/8-19	1/2-14	---	3/4-14	1-11	---	---	---	---	---

Thread Dimensions

Nominal Dimensions of Standard Threads

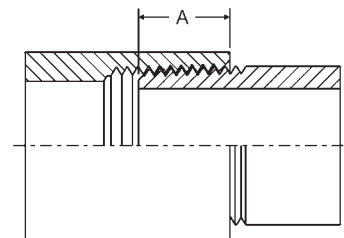
- ODM = Outside Diameter of the Male
- IDF = Inside Diameter of the Female
- TPI = Threads Per Inch
- GHT (3/4") -- 1.0625 ODM, 11-1/2 TPI
- Female NPT (Tapered Pipe) thread is not available on hose swivel nuts.

Size	Pipe OD	Tapered Threads		Straight Threads											
		NPT	BSPT _r	NPSH			NPSM			NST (NH)			BSPP		
		TPI	TPI	TPI	ODM (max)	IDF (min)	TPI	ODM (max)	IDF (min)	TPI	ODM (max)	IDF (min)	TPI	ODM (max)	IDF (min)
1/8"	.405	27.0	28				27.0	0.397	0.358					0.383	0.337
1/4"	.540	18.0	19				18.0	0.526	0.468					0.516	0.450
3/8"	.675	18.0	19				18.0	0.662	0.603					0.656	0.588
1/2"	.840	14.0	14	14.0	0.8248	0.7395	14.0	0.823	0.747					0.825	0.733
3/4"	1.050	14.0	14	14.0	1.0353	0.9500	14.0	1.034	0.958					1.041	0.950
1"	1.315	11.5	11	11.5	1.2951	1.1921	11.5	1.293	1.201	8.0	1.375	1.2246	11	1.309	1.193
1 1/4"	1.660	11.5	11	11.5	1.6399	1.5369	11.5	1.638	1.546				11	1.650	1.534
1 1/2"	1.900	11.5	11	11.5	1.8788	1.7758	11.5	1.877	1.785	9.0	1.990	1.8577	11	1.882	1.766
2"	2.375	11.5	11	11.5	2.3528	2.2498	11.5	2.351	2.259				11	2.347	2.231
2 1/2"	2.875	8.0	11	8.0	2.8434	2.6930	8.0	2.841	2.708	7.5	3.068	2.9104	11	2.960	2.844
3"	3.500	8.0	11				8.0	3.467	3.334	6.0	3.623	3.5306	11	3.460	3.344
4"	4.500	8.0	11				8.0	4.466	4.333	4.0	5.010	4.7111	11	4.450	4.334
4 1/2"										4.0	5.760	5.4611			
5"	5.563	8.0	11				8.0	5.528	5.395	4.0	6.260	5.9602	11	5.450	5.359
6"	6.625	8.0	11				8.0	6.585	6.452	4.0	7.025	6.7252	11	6.450	6.359
8"	8.625	8.0													
10"	10.750	8.0													
12"	12.750	8.0													

Normal Engagement Length of NPT Thread in Inches (A)

- Dimensions given do not allow for variations in tapping or threading.

Thread Size	Dimension A
1/8"	1/4"
1/4"	3/8"
3/8"	3/8"
1/2"	1/2"
3/4"	9/16"
1"	11/16"
1-1/4"	11/16"
1-1/2"	11/16"
2"	3/4"
2-1/2"	15/16"
3"	1"
4"	1-1/8"
5"	1-1/4"
6"	1-5/16"
8"	1-7/16"
10"	1-5/8"
12"	1-3/4"



Thread Sealing Tips

Thread Sealing Tips

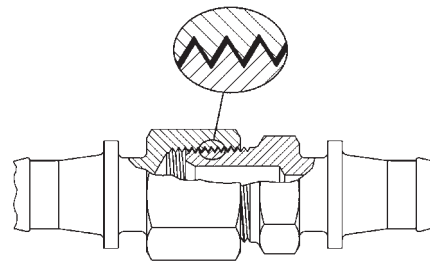
Sealing NPT threads can be an exasperating experience if certain techniques are not followed. The following tips will help alleviate many common problems in thread sealing:

1. Always use some type of sealant (tape or paste) and apply sealant to male thread only. If using a hydraulic sealant, allow sufficient curing time before system is pressurized.
2. When using tape sealant, wrap the threads in a clockwise motion starting at the first thread and, as layers are applied, work towards the imperfect (vanishing) thread. If the system that the connection being made to cannot tolerate foreign matter (i.e. air systems), leave the first thread exposed and apply the tape sealant as outlined above.
3. When using paste sealant, apply to threads with a brush, using the brush to work the sealant into the threads. Apply enough sealant to fill in all the threads all the way around.
4. When connecting one stainless steel part to another stainless steel part that will require future disassembly, use a thread sealant that is designed for stainless steel (see page 787). This stainless steel thread sealant is also useful when connecting aluminum to aluminum that needs to be disconnected in the future. These two materials gall easily, and if the correct sealant is not used, it can be next to impossible to disassemble.
5. When connecting parts made of dissimilar metals (i.e. steel and aluminum), standard tape or paste sealant performs satisfactory.
6. For sizes 2" and below, tape or paste performs satisfactory. When using thread tape, four wraps (covering all necessary threads) is usually sufficient.
7. For sizes 2½" and above, thread paste is recommended. If thread tape is used, eight wraps (covering all necessary threads) is usually sufficient. Apply more wraps if necessary.
8. For stubborn to seal threads, apply a normal coating of thread paste followed by a normal layer of thread tape.
9. For extremely stubborn to seal threads, apply a normal coating of thread paste followed by a single layer of gauze bandage followed by a normal layer of thread tape.

Caution!

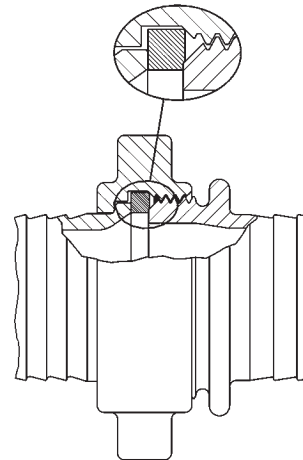
When this procedure is done, the connection becomes permanent. Extreme measures will be necessary to disconnect these components. *All other measures to seal the threads should be explored prior to use of this technique.*

10. Over-tightening threads can be just as detrimental as insufficient tightening. For sizes 2" and below, hand tighten the components and, with a wrench, tighten 3 full turns. For sizes 2½" and above, hand tighten the components and, with a wrench, tighten 2 full turns.



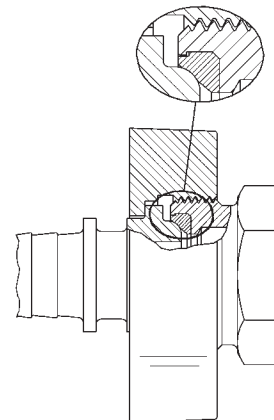
Thread Seal Type

- A seal is obtained by applying a sealant to the male thread before engaging.
- The sealant is used to prevent spiral leakage.
- Thread tape or paste is the preferred sealant in this type of application.
- Please refer to page 787 for thread tape options.



Washer Seal Type

- A seal is obtained when the male thread is tightened down onto the washer of the female assembly.
- The washer should be inspected regularly and replaced as needed to prevent leakage.
- Please refer to pages 302-303 and 762 for replacement washers.



Mechanical Seal Type

- A seal is obtained through metal to metal contact or metal to seal contact, i.e. JIC couplings (page 414) have a metal to metal seal. Boss™ Ground Joint couplings (pages 111, 113) have a metal to seal contact, (shown above).
- The couplings should be retightened as needed to prevent leakage.

Force Chart

- For hose ID's from 1¼" to 12" the force in pounds is greater than the PSI.
- Force is the dynamic power which is exported longitudinally through a hose, towards the ends. To arrive at the number of pounds of force exerted, you merely multiply the area of the ID times the working pressure being used.
- Area of a circle: r^2 (PI [3.1416] times radius squared)
- Force = Area x Pressure

Force (In Pounds)

Hose ID	25 PSI	50 PSI	75 PSI	100 PSI	150 PSI	200 PSI	250 PSI	300 PSI	500 PSI	1000 PSI
1/4"	1	2	4	5	7	10	12	15	25	49
3/8"	3	6	8	11	17	22	28	33	55	110
1/2"	5	10	15	20	29	39	49	59	98	196
3/4"	11	22	33	44	66	88	110	133	221	442
1"	20	39	59	79	118	157	196	236	393	785
1-1/4"	31	61	92	123	184	245	307	368	614	1227
1-1/2"	44	88	133	177	265	353	442	530	884	1767
2"	79	157	236	314	471	628	785	942	1571	3142
2-1/2"	123	245	368	491	736	982	1227	1473	2454	4909
3"	177	353	530	707	1060	1414	1767	2121	3534	7069
4"	314	628	942	1257	1885	2513	3142	3770	6283	12566
5"	491	982	1473	1964	2945	3927	4909	5891	9818	19635
6"	707	1414	2121	2827	4241	5655	7069	8482	14137	28274
8"	1257	2513	3770	5027	7540	10053	12566	15080	25133	50266
10"	1964	3927	5891	7854	11781	15708	19635	23562	39270	78540
12"	2827	5655	8482	11310	16965	22620	28274	33929	56549	113098

Pressure - Temperature Ratings

- Ratings apply to all products covered by ANSI B16.5 valves conforming to the requirements of this standard must, in other respects, merit these ratings.
- All ratings are maximum allowable non-shock pressures (PSIG) at the tabulated temperatures (degree Fahrenheit). Temperatures are those on the inside of the pressure retaining structure.
- The use of these ratings requires gaskets conforming to the requirements of ANSI B16.5. The user is responsible for selecting gaskets of dimensions and materials to withstand the required bolt loading without injurious crushing, and suitable for the service conditions in all other respects.

Pressure Class	150	300
Test Pressure	425	1100
Service Temperature	Working Pressure	
-20 to 100	275	720
150	255	710
200	240	700
250	225	690
300	210	680
350	195	675
400	180	665
450	165	650
500	150	625
550	140	590
600	130	555
650	120	515
700	110	470
750	100	425

Pipe Dimensions

Dimensions of Seamless and Welded Steel Pipe ASA-B36.10 and B36.19

Nominal Pipe Size	OD (inches)	Pipe Schedule Wall Thickness												
		10	20	30	Stand.	40	60	Extra Strong	80	100	120	140	160	XXX Strong
1/8"	0.405	0.049	---	---	0.068	0.068	---	0.095	0.095	---	---	---	---	---
1/4"	0.540	0.065	---	---	0.088	0.088	---	0.119	0.119	---	---	---	---	---
3/8"	0.675	0.065	---	---	0.091	0.091	---	0.126	0.126	---	---	---	---	---
1/2"	0.840	0.083	---	---	0.109	0.109	---	0.147	0.147	---	---	---	0.188	0.294
3/4"	1.050	0.083	---	---	0.113	0.113	---	0.154	0.154	---	---	---	0.219	0.308
1"	1.315	0.109	---	---	0.133	0.133	---	0.179	0.179	---	---	---	0.250	0.358
1 1/4"	1.660	0.109	---	---	0.140	0.140	---	0.191	0.191	---	---	---	0.250	0.382
1 1/2"	1.900	0.109	---	---	0.145	0.145	---	0.200	0.200	---	---	---	0.281	0.400
2"	2.375	0.109	---	---	0.154	0.154	---	0.218	0.218	---	---	---	0.344	0.436
2 1/2"	2.875	0.120	---	---	0.203	0.203	---	0.276	0.276	---	---	---	0.375	0.552
3"	3.500	0.120	---	---	0.216	0.216	---	0.300	0.300	---	---	---	0.438	0.600
3 1/2"	4.000	0.120	---	---	0.226	0.226	---	0.318	0.318	---	---	---	---	---
4"	4.500	0.120	---	---	0.237	0.237	---	0.337	0.337	---	0.438	---	0.531	0.674
5"	5.563	0.134	---	---	0.258	0.258	---	0.375	0.375	---	0.500	---	0.625	0.750
6"	6.625	0.134	---	---	0.280	0.280	---	0.432	0.432	---	0.562	---	0.719	0.864
8"	8.625	0.148	0.250	0.277	0.322	0.322	0.406	0.500	0.500	0.594	0.719	0.812	0.906	0.873
10"	10.750	0.165	0.250	0.307	0.365	0.365	0.500	0.500	0.594	0.719	0.844	1.000	1.125	1.000
12"	12.750	0.180	0.250	0.330	0.375	0.406	0.562	0.500	0.688	0.844	1.000	1.125	1.312	1.000

Definitive Cross-Reference from NPS to DN Specification Sizes

Nominal Pipe Size	DN	OD (inches)	Pipe Schedule Wall Thickness													
			5S	5	10S	10	20	30	40S	40	60	80S	80	100	120	160
1/8"	6	0.405	---	0.035	---	0.049	---	0.057	---	0.068	---	---	0.095	---	---	---
1/4"	8	0.540	---	0.049	---	0.065	---	0.073	---	0.088	---	---	0.119	---	---	---
1/2"	15	0.840	---	0.065	---	0.083	---	0.095	---	0.109	---	---	0.147	---	0.170	0.188
3/4"	20	1.050	---	0.065	---	0.083	---	0.095	---	0.113	---	---	0.154	---	0.170	0.219
1"	25	1.315	---	0.065	---	0.109	---	0.114	---	0.133	---	---	0.179	---	0.200	0.250
1 1/4"	32	1.660	---	0.065	---	0.109	---	0.117	---	0.140	---	---	0.191	---	0.215	0.250
1 1/2"	40	1.900	---	0.065	---	0.109	---	0.125	---	0.145	---	---	0.200	---	0.225	0.281
2"	50	2.375	---	0.065	---	0.109	---	---	---	0.154	---	---	0.218	---	0.250	0.344
2 1/2"	65	2.875	---	0.083	---	0.120	---	---	---	0.203	---	---	0.276	---	0.300	0.375
3"	80	3.500	---	0.083	---	0.120	---	---	---	0.216	---	---	0.330	---	0.350	0.438
4"	100	4.500	---	0.083	---	0.120	---	---	---	0.237	0.281	---	0.377	---	0.437	0.531
5"	125	5.563	---	0.109	---	0.134	---	---	---	0.258	---	---	0.375	---	0.500	0.625
6"	150	6.625	---	0.109	---	0.134	---	---	---	0.280	---	---	0.432	---	0.562	0.719
8"	200	8.625	---	0.109	---	0.148	0.250	0.277	---	0.322	0.406	---	0.500	0.593	0.718	0.906
10"	250	10.750	0.134	0.134	0.165	0.165	0.250	0.307	0.365	0.365	0.500	0.500	0.593	0.718	0.843	---
12"	300	12.750	0.156	0.165	0.180	0.180	0.250	0.330	0.375	0.406	0.500	0.500	0.687	0.843	1.000	---

Fog Nozzles Flow Rate Chart

Part Number	Inlet Pressure		Straight Stream		30°		60°		90°	
	psi	kPa	gpm	lpm	gpm	lpm	gpm	lpm	gpm	lpm
BFN100	50	(345)	18	(68)	21	(79)	24	(91)	27	(102)
	75	(517)	22	(83)	25	(95)	28	(106)	32	(121)
	100	(690)	24	(91)	28	(106)	32	(121)	36	(136)
BFN150	50	(345)	45	(170)	50	(189)	55	(208)	60	(227)
	75	(517)	50	(189)	55	(208)	65	(246)	75	(284)
	100	(690)	55	(208)	60	(227)	75	(284)	85	(322)
BFN250	50	(345)	90	(341)	120	(454)	130	(492)	145	(549)
	75	(517)	100	(379)	140	(530)	150	(568)	180	(681)
	100	(690)	110	(416)	165	(625)	180	(681)	205	(776)
BRN150	50	(345)	45	(170)	50	(189)	55	(208)	60	(227)
	75	(517)	50	(189)	55	(208)	65	(246)	75	(284)
	100	(690)	55	(208)	60	(227)	75	(284)	93	(352)
BFNE150	100	(690)	n/a	n/a	---	---	---	---	91	(345)
HFN100	100	(690)	25	(95)	---	---	---	---	---	---
HFN150	100	(690)	---	---	---	---	---	---	86	(326)
HPFN150	275	(1040)	---	---	---	---	---	---	130	(492)

Expansion Ring and Gasket Guide

Coupling #	Swivel Washer	Tail Washer	Expansion Ring Part #
D15193 & D15193F	SW150	DTW150	ER15125
D15206F	SW150	G12014	ER15125
D16187 & D16187F	SW150	DTW150	ER15125
D16193 & D16193F	SW150	DTW150	ER15125
D16206 & D16206F	SW150	G12014	ER15125
D253 and D253F	SW250	DTW250	ER27150
D26287F	SW250	DTW250	ER27150
D263 & D263F	SW250	DTW250	ER27150
MD16181T	n/a	STW150	ER15125
MD20231T	n/a	special	special
MD26287T	n/a	DTW250	ER27150
MS16168T	n/a	STW150	ER15125
MS16175T	n/a	STW150	ER15125
MS20225T	n/a	special	special
MS26268T	n/a	STW250	ER27150
RD15193 & RD15193F	SW150	DTW150	ER15125
RD15206 & RD15206F	SW150	G12014	ER15125
RD253 & RD253F	SW250	DTW250	ER27150
RH15168 & RH15168F	SW150	RTW150	ER1575
RH16168F & RH16168F	SW150	RTW150	ER1575
RS15175 & RS15175F	SW150	STW150	ER15125
RS15181 & RS15181F	SW150	STW150	ER1510
RS25281 & RS25281F	SW250	STW250	ER27125
RS25287	SW250	STW250	ER27150
S15175 & S15175F	SW150	RTW150	ER15125
S15181 & S15181F	SW150	RTW150	ER1510
S16168 & S16168F	SW150	STW150	ER15125
S16175 & S16175F	SW150	STW150	ER15125
S16181 & S16181F	SW150	STW150	ER15125
S25281 & S25281F	SW250	STW250	ER27125
S25287 & S25287F	SW250	STW250	ER27150
S26268 & S26268F	SW250	STW250	ER27150
S26275 & S26275F	SW250	STW250	ER27150
S26281 & S26281F	SW250	STW250	ER27150

Replacement Washers for Hydrant Adapters and Fire Hose Nozzles

The "sw" swivel washer on page 654 replaces the gaskets in the following products:

- hydrant adapters: HA, RHA, AHA
- cam and groove hydrant adapter
- female x male hex nipples (FM series)
- brass fog nozzles (BFN series)
- brass electrical all-fog nozzles (BFNE series)
- heavy duty brass industrial fog nozzles (HFN series)
- higher pressure brass industrial fog nozzles (HPFN series)
- brass rack nozzles (BRN series)
- U/L play pipe
- tip for U/L play pipe
- aluminum ball shut off (ACPSO and FBSO series)

The "CFG" gaskets on page 628 replace the following:

- constant flow thermoplastic fog nozzles (CFB)
- blue thermoplastic refinery fog nozzles (RNB)

The "FNG" gaskets on page 629 replace the following:

- thermoplastic fog nozzles (PFNB, FNB, FN, SL)
- thermoplastic fog nozzles for electrical fires (FNBE)

The gaskets for the following parts have to special ordered, please contact customer service at 877.712.6179:

- Coast Guard approved water fog nozzle
- US Coast Guard approved fog nozzle
- aluminum tip for ball shut-off nozzles
- monitor nozzle
- steel FirePro nozzle
- Master Stream nozzle

Replacement Gasket Chart

Size	FNPT Threads ¹	FNST Threads	FNPSH Threads
1½"	---	SW150	SW150
2"	---	---	SW200
2½"	---	SW250	SW250
3"	---	SW300F	SW300F
4"	---	SW400F	SW400F
4½"	---	SW450F	---
5"	---	SW500F	---
6"	---	SW600F	---

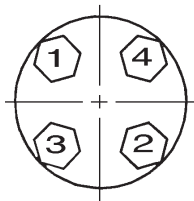
¹ FNPT threads - no gasket/seal by threads

Brass Plain Hose Nozzle Gaskets

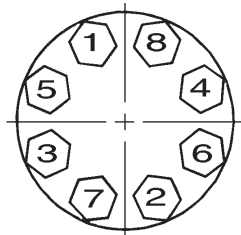
Nozzle	Gasket
BN6	KRW5
BN7	KRW5
BN10	KRW10
BN12	KRW15
BN15	KRW20
BN20	SW200
BN25	KRW35
BN10F	SW100F
BN15F	SW150
BN25F	SW250
BN15NYFD	SW150
BN25NYFD	SW250

Flange Information

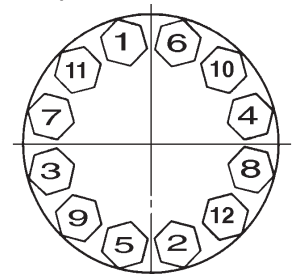
Flange Bolt Tightening Sequence (Use appropriate gaskets and bolts)



4 Bolt



8 Bolt

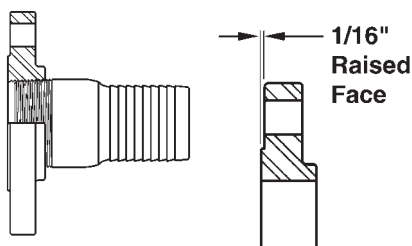


12 Bolt

See page 839 for drilling dimensions

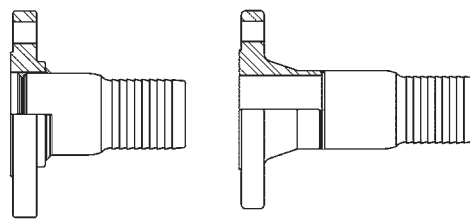
Flange Diagrams

Threaded Applications



Threaded Flange with raised face

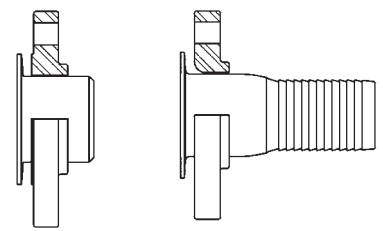
Welded Applications



Slip-On Flange with raised face

Weld Neck Flange with raised face

Floating Applications (flange free to swivel)



Slip-On Flange with raised face

Lap-Joint Flange

Flange Dimensions

Dimensions of 150 LB. ASA Steel Flanges

Nominal Pipe Size	Flange OD	Thickness ¹	OD of Raised Face	Diameter of Bolt Circle	Number of Bolts	Diameter of Bolt Holes	Diameter of Bolts
1"	4-1/4"	9/16"	2"	3-1/8"	4	5/8"	1/2"
1-1/4"	4.62"	5/8"	2-1/2"	3-1/2"	4	5/8"	1/2"
1-1/2"	5"	11/16"	2-7/8"	3-7/8"	4	5/8"	1/2"
2"	6"	3/4"	3-5/8"	4-3/4"	4	3/4"	5/8"
2-1/2"	7"	7/8"	4-1/8"	5-1/2"	4	3/4"	5/8"
3"	7-1/2"	15/16"	5"	6"	4	3/4"	5/8"
4"	9"	15/16"	6-3/16"	7-1/2"	8	3/4"	5/8"
5"	10"	15/16"	7-5/16"	8-1/2"	8	7/8"	3/4"
6"	11"	1"	8-1/2"	9-1/2"	8	7/8"	3/4"
8"	13-1/2"	1-1/8"	10-5/8"	11-3/4"	8	7/8"	3/4"
10"	16"	1-3/16"	12-3/4"	14-1/4"	12	1"	7/8"
12"	19"	1 1/4"	15"	17"	12	1"	7/8"

¹ 1/16" raised face is included in the thickness

Dimensions of Tank Truck Flanges (TTMA Drilling)

Nominal Pipe Size	Flange OD	Thickness ¹	Diameter of Bolt Circle	Number of Bolts	Diameter of Bolt Holes	Diameter of Bolts
3"	5-5/8"	3/8"	4-7/8"	8	7/16"	3/8"
4"	6-5/8"	3/8"	5-7/8"	8	7/16"	3/8"
6"	8-7/8"	3/8"	8-1/8"	12	7/16"	3/8"

¹ listed thickness is for aluminum flanges

ANSI Flange Dimensions

150 lb. Standard

Nominal Pipe Size	Outside Diameter Flange	Flange Thickness	Drill Template		
			Number Holes	Diameter Bolts	Bolt Circle
1/2"	3-1/2"	7/16"	4	1/2"	2-3/8"
3/4"	3-7/8"	1/2"	4	1/2"	2-3/4"
1"	4-1/4"	9/16"	4	1/2"	3-1/8"
1-1/4"	4-5/8"	5/8"	4	1/2"	3-1/2"
1-1/2"	5"	11/16"	4	1/2"	3-7/8"
2"	6"	3/4"	4	5/8"	4-3/4"
2-1/2"	7"	7/8"	4	5/8"	5-1/2"
3"	7-1/2"	15/16"	4	5/8"	6"
3-1/2"	8-1/2"	15/16"	8	5/8"	7"
4"	9"	15/16"	8	5/8"	7-1/2"
5"	10"	15/16"	8	3/4"	8-1/2"
6"	11"	1"	8	3/4"	9-1/2"
8"	13-1/2"	1-1/8"	8	3/4"	11-3/4"
10"	16"	1-3/16"	12	3/4"	14-1/4"
12"	19"	1-1/4"	12	3/4"	17"

300 lb. Standard

Nominal Pipe Size	Outside Diameter Flange	Flange Thickness	Drill Template		
			Number Holes	Diameter Bolts	Bolt Circle
1/2"	3-3/4"	9/16"	4	1/2"	2-5/8"
3/4"	4-5/8"	5/8"	4	5/8"	3-1/4"
1"	4-7/8"	11/16"	4	5/8"	3-1/2"
1-1/4"	5-1/4"	3/4"	4	5/8"	3-7/8"
1-1/2"	6-1/8"	13/16"	4	3/4"	4-1/2"
2"	6-1/2"	7/8"	8	5/8"	5"
2-1/2"	7-1/2"	1"	8	3/4"	5-7/8"
3"	8-1/4"	1-1/8"	8	3/4"	6-5/8"
3-1/2"	9"	1-3/16"	8	3/4"	7-1/4"
4"	10"	1-1/4"	8	3/4"	7-7/8"
5"	11"	1-3/8"	8	3/4"	9-1/4"
6"	12-1/2"	1-7/16"	12	3/4"	10-5/8"
8"	15"	1-5/8"	12	7/8"	13"
10"	17-1/2"	1-7/8"	16	1"	15-1/4"
12"	20-1/2"	2"	16	1-1/8"	17-3/4"

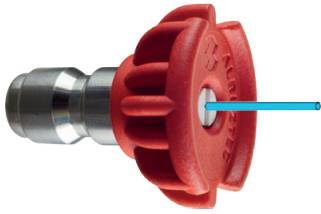
600 lb. Standard

Nominal Pipe Size	Outside Diameter Flange	Flange Thickness	Drill Template		
			Number Holes	Diameter Bolts	Bolt Circle
1/2"	3-3/4"	9/16"	4	5/8"	2-5/8"
3/4"	4-5/8"	5/8"	4	3/4"	3-1/4"
1"	4-7/8"	11/16"	4	3/4"	3-1/2"
1-1/4"	5-1/4"	13/16"	4	3/4"	3-7/8"
1-1/2"	6-1/8"	7/8"	4	7/8"	4-1/2"
2"	6-1/2"	1"	8	3/4"	5"
2-1/2"	7-1/2"	1-1/8"	8	7/8"	5-7/8"
3"	8-1/4"	1-1/4"	8	7/8"	6-5/8"
3-1/2"	9"	1-3/8"	8	1"	7-1/4"
4"	10-7/5"	1-1/2"	8	1"	8-1/2"
5"	13"	1-3/4"	8	1-1/8"	10-1/2"
6"	14"	1-7/8"	12	1-1/8"	11-1/2"
8"	16-1/2"	2-3/16"	12	1-1/4"	13-3/4"
10"	20"	2-1/2"	16	1-3/8"	17"
12"	22"	2-5/8"	20	1-3/8"	19-1/4"

900 lb. Standard

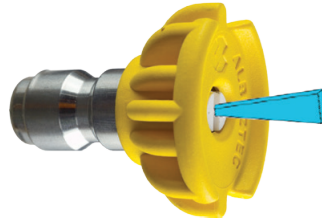
Nominal Pipe Size	Outside Diameter Flange	Flange Thickness	Drill Template		
			Number Holes	Diameter Bolts	Bolt Circle
1/2"	4-3/4"	7/8"	4	7/8"	3-1/4"
3/4"	5-1/8"	1"	4	7/8"	3-1/2"
1"	5-7/8"	1-1/8"	4	1"	4"
1-1/4"	6-1/4"	1-1/8"	4	1"	4-3/8"
1-1/2"	7"	1-1/4"	4	1-1/8"	4-7/8"
2"	8-1/2"	1-1/2"	8	1"	6-1/2"
2-1/2"	9-5/8"	1-5/8"	8	1-1/8"	7-1/2"
3"	9-1/2"	1-1/2"	8	1"	7-1/2"
3-1/2"	11-1/2"	1-3/4"	8	1-1/4"	9-1/4"
4"	13-3/4"	2"	8	1-3/8"	11"
6"	15"	2-3/16"	12	1-1/4"	12-1/2"
8"	18-1/2"	2-1/2"	12	1-1/2"	15-1/2"
10"	21-1/2"	2-3/4"	16	1-1/2"	18-1/2"
12"	24"	3-1/8"	20	1-1/2"	21"

Spray Nozzle Selection Guidelines



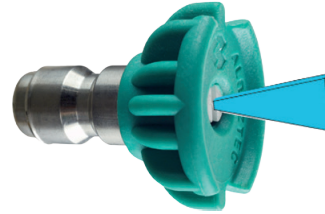
**RED 0°
BLASTING NOZZLE**

- Removing caked on mud from heavy construction, farm or lawn equipment.
- Cleaning tar, glue or stubborn stains from concrete
- Cleaning overhead areas
- Removing rust from steel and oxidation from aluminum



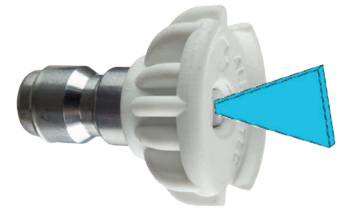
**YELLOW 15°
STRIPPING NOZZLE**

- Removing paint from wood, masonry or metal
- Removing grease or dirt from equipment
- Removing heavy mildew stains
- Removing marine growth from boats and marine equipment
- Removing rust from steel and oxidation from aluminum



**GREEN 25°
CLEANING NOZZLE**

- General cleaning of dirt, mud and grime
- Cleaning roofs, gutters and downspouts
- Removing light mildew stains
- Removing algae and bacteria build-up from pools
- Rinsing surfaces in preparation for painting



**WHITE 40°
WASHING NOZZLE**

- Light cleaning and washing
- Washing and rinsing of automobiles and boats
- Cleaning roofs, windows, patios and driveways

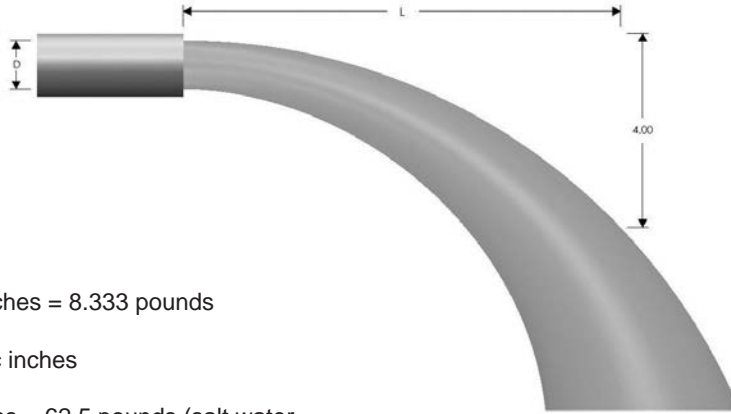


Caution: The spray force from these nozzles can cause injuries if pointed directly at yourself or others. Before observing directly always disconnect from spray wand. Make sure spray nozzle is properly locked in place with its quick coupler, if the collar is not in the locking position, the nozzle will become a dangerous projectile. The O-ring from your quick coupler socket will also be blown out of place.

Nozzle Spray Chart

Nozzle Orifice Size	→ G a l l o n s P e r M i n u t e →	1000	1200	1250	1300	1500	1800	2000	2100	2200	2300	2400	2500	3000	3200	3500	4000	5000
		PSI	PSI	PSI	PSI	PSI	PSI	PSI	PSI	PSI	PSI	PSI	PSI	PSI	PSI	PSI	PSI	PSI
3.0		1.50	1.64	1.68	1.71	1.84	2.01	2.12	2.17	2.22	2.27	2.32	2.37	2.60	2.68	2.81	3.00	3.35
3.5		1.75	1.92	1.96	2.00	2.14	2.35	2.47	2.54	2.60	2.65	2.71	2.77	3.03	3.13	3.27	3.50	3.91
4.0		2.00	2.19	2.24	2.28	2.45	2.68	2.83	2.90	2.97	3.03	3.10	3.16	3.46	3.58	3.74	4.00	4.47
4.5		2.25	2.46	2.52	2.57	2.76	3.02	3.18	3.26	3.34	3.41	3.49	3.56	3.90	4.02	4.21	4.50	5.03
5.0		2.50	2.74	2.80	2.85	3.06	3.35	3.54	3.62	3.71	3.79	3.87	3.95	4.33	4.47	4.68	5.00	5.59
5.5		2.75	3.01	3.07	3.14	3.37	3.69	3.89	3.99	4.08	4.17	4.26	4.35	4.76	4.92	5.14	5.50	6.15
6.5		3.25	3.56	3.63	3.71	3.98	4.36	4.60	4.71	4.82	4.93	5.03	5.14	5.63	5.81	6.08	6.50	7.27
8.0		4.00	4.38	4.47	4.56	4.90	5.37	5.66	5.80	5.93	6.07	6.20	6.32	6.93	7.16	7.48	8.00	8.94
12.0		6.00	6.57	6.71	6.84	7.35	8.05	8.49	8.69	8.90	9.10	9.30	9.49	10.39	10.73	11.22	12.00	13.42
15.0		7.50	8.22	8.39	8.55	9.19	10.06	10.61	10.87	11.12	11.37	11.62	11.86	12.99	13.42	14.03	15.00	16.77

Water Data and Formulas



1 gallon water = 231 cubic inches = 8.333 pounds

1 pound of water = 27.7 cubic inches

1 cubic foot water = 7.5 gallons = 62.5 pounds (salt water weighs approximately 64.3 pounds per cubic foot)

Pounds per square inch at bottom of a column of water = height of column in feet x .434

1 miner's inch = 9 to 12 gallons per minute

Horsepower to raise water

If pumping liquid other than water, multiply the gallons per minute below by the liquids specific gravity

$$\text{Horsepower} = \frac{\text{gallons per minute} \times \text{total head in feet}}{3960}$$

Gallons per minute through a pipe

GPM = .0408 x pipe diameter inches² x feet/minute water velocity

Weight of water in a pipe

Pounds water = pipe length feet x pipe diameter inches² x .34

L Distance (inches)	Gallons per Minute Discharge for a Given Nominal Pipe Diameter D (inches)				
	5	6	8	10	12
5	163	---	---	---	---
6	195	285	---	---	---
7	228	334	580	---	---
8	260	380	665	1060	---
9	293	430	750	1190	1660
10	326	476	830	1330	1850
11	360	525	915	1460	2020
12	390	570	1000	1600	2220
13	425	620	1080	1730	2400
14	456	670	1160	1860	2590
15	490	710	1250	2000	2780
16	520	760	1330	2120	2960
17	550	810	1410	2260	3140
18	590	860	1500	2390	3330
19	620	910	1580	2520	3500
20	650	950	1660	2660	3700
21	685	1000	1750	2800	3890
22	720	1050	1830	2920	4060
23	750	1100	1910	3060	4250
24	---	1140	2000	3200	4440

Water Discharge Table

This table is intended for general reference and general applicability only, and should not be relied upon as the sole or precise source of information available with respect to the subject covered. The user should also refer to and follow manufacturer's specific instructions and recommendations with regard to such information, where they exist.

Flow of water through 100 foot lengths of hose, Straight-Smooth Bore - US gallons per minute

PSI at Hose Inlet	Nominal Hose ID Diameters - Inches							
	1"	1¼"	1½"	2"	2½"	3"	4"	6"
20	26	47	76	161	290	468	997	2895
30	32	58	94	200	360	582	1240	3603
40	38	68	110	234	421	680	1449	4209
50	43	77	124	264	475	767	1635	4748
60	47	85	137	291	524	846	1804	5239
75	53	95	154	329	591	955	2035	5910
100	62	112	180	384	690	1115	2377	6904
125	70	126	203	433	779	1258	2681	7788
150	77	139	224	478	859	1388	2958	8593
200	90	162	262	558	1004	1621	3455	10038

Figures are to be used as a guide since the hose inside diameter tolerance, the type of fittings used, and orifice restriction all influence the actual discharge. Thus, variations plus or minus from the table may be obtained in actual service.

Conversion Table - Feet of Water to Inches of Mercury

Feet of Water	1	2	4	6	8	10	12	14	16	20	22	24	26	28	30	32	34
Inches of Mercury	0.9	1.8	3.5	5.3	7.1	8.8	10.6	12.4	14.1	17.7	19.4	21.2	23.0	24.8	26.5	28.3	30.0

Feet Head of Water to PSI

- One foot of water at 62°F = 0.433 PSI, to find the PSI for any feet head not given in the table, multiply the feet head by 0.433.

Feet Head	Pounds per Square Inch	Feet Head	Pounds per Square Inch	Feet Head	Pounds per Square Inch	Feet Head	Pounds per Square Inch
1	0.43	15	6.50	100	43.31	250	108.27
2	0.87	20	8.66	110	47.64	300	129.93
3	1.30	25	10.83	120	51.97	350	151.58
4	1.73	30	12.99	130	56.30	400	173.24
5	2.17	40	17.32	140	60.63	500	216.55
6	2.60	50	21.65	150	64.96	600	259.85
7	3.03	60	25.99	160	69.29	700	303.16
8	3.46	70	30.32	170	73.63	800	346.47
9	3.90	80	34.65	180	77.96	900	389.78
10	4.33	90	38.98	200	86.62	1000	433.00

Maximum Recommended Air Flow (SCFM) Through ANSI Standard Weight Schedule 40 Metal Pipe

- Flow values in the table below are based on a pressure drop of 10% of the applied pressure per 100 feet of pipe for 1/8", 1/4", 3/8", and 1/2" pipe sizes; and a pressure drop of 5% of the applied pressure per 100 feet of pipe for 3/4", 1", 1 1/4", 2", 2 1/2", 3" pipe sizes. The table gives recommended flows for pipe sizes at listed pressures and should be used to determine appropriate piping for air systems.

Applied Pressure PSI	Nominal Standard Pipe Size										
	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
5	0.5	1.2	2.7	4.9	6.6	13	27	40	80	135	240
10	0.8	1.7	3.9	7.7	11.0	21	44	64	125	200	370
20	1.3	3.0	6.6	13.0	18.5	35	75	110	215	350	600
40	2.5	5.5	12.0	23.0	34.0	62	135	200	385	640	1100
60	3.5	8.0	18.0	34.0	50.0	93	195	290	560	900	1600
80	4.7	10.5	23.0	44.0	65.0	120	255	380	720	1200	2100
100	5.8	13.0	29.0	54.0	80.0	150	315	470	900	1450	2600
150	8.6	20.0	41.0	80.0	115.0	220	460	680	1350	2200	3900
200	11.5	26.0	58.0	108.0	155.0	290	620	910	1750	2800	5000
250	14.5	33.0	73.0	135.0	200.0	370	770	1150	2200	3500	6100

Air Supply Requirements (operating pressure - 90 PSI)

Tool	Class	Typical Air Consumption (CFM)	Hose Size (inches)		
			0-10 ft.	10-50 ft.	50-200 ft.
Paving Breakers	25 lb.	45	1/2	1/2	3/4
	35 lb.	50	1/2	3/4	3/4
	60 lb.	65	1/2	3/4	1
	80 lb.	80	3/4	3/4	1
Claydiggers		45	1/2	1/2	3/4
Hand Drills	8 lb.	20	3/8	3/8	1/2
	15 lb.	32	3/8	1/2	1/2
Rock (Sinker) Drills	45 lb.	105	3/4	3/4	1
	55 lb.	130	3/4	1	1
Tampers	5" butt	20	3/8	1/2	1/2
	6" butt	30	1/2	1/2	3/4
Sump Pump Sludge Pump	3 HP	100	3/4	3/4	1
	Ejector	90	1	1	1
Vibrators	2 1/2"	60	1	1	1
	3"	60	1	1	1
Chipping Hammers		25	3/8	1/2	1/2
Impact Wrenches	3/8" sq. dr.	10	5/16	3/8	3/8
	1/2"	15	5/16	3/8	1/2
	3/4"	25	3/8	1/2	1/2
	1"	50	1/2	3/4	3/4
Drills	1/4" - 1/2"	22	3/8	3/8	1/2
Grinders	die/burr	20	3/8	3/8	1/2
	small angle	20	3/8	3/8	1/2
	3 HP vertical	75	1/2	3/4	1

CFM vs PSI for Nozzles

- PSI = pounds/square inch
- CFM = cubic feet/minute

Gauge PSI	CFM Free Air Flow @ Nozzle Diameter (Inch)							
	1/64	1/32	3/64	1/16	3/32	1/8	3/16	1/4
1	.03	.11	.2	.4	1.0	1.7	3.9	6.8
5	.06	.24	.5	1.0	2.2	3.9	8.7	15.4
10	.08	.34	.8	1.4	3.1	5.4	12.3	21.8
15	.10	.42	.9	1.6	3.7	6.6	15.0	26.7
20	.12	.48	1.1	1.9	4.2	7.7	17.1	30.8
25	.13	.54	1.2	2.2	4.7	8.6	19.4	34.5
30	.16	.63	1.4	2.5	5.6	10.0	22.5	40.0
40	.19	.77	1.7	3.1	6.8	12.3	27.5	49.1
50	.22	.91	2.0	3.6	8.2	14.5	32.8	58.2
60	.26	1.05	2.3	4.2	9.4	16.8	37.5	67.0
70	.29	1.19	2.7	4.8	10.7	19.0	43.0	76.0
80	.33	1.33	3.0	5.3	11.9	21.2	47.5	85.0
90	.36	1.47	3.3	5.9	13.1	23.5	52.5	94.0
100	.40	1.61	3.7	6.4	14.5	25.8	58.3	103.0
110	.43	1.76	3.9	7.0	15.7	28.0	63.0	112.0
120	.47	1.90	4.30	7.6	17.0	30.2	68.0	121.0
130	.50	2.04	4.6	8.1	18.2	32.4	73.0	130.0
140	.54	2.17	4.9	8.7	19.5	34.5	78.0	138.0
150	.57	2.33	5.2	9.2	20.7	36.7	83.0	147.0
175	.66	2.65	5.9	10.6	23.8	42.1	95.0	169.0
200	.76	3.07	6.9	12.2	27.5	48.7	110.0	195.0

Formulas

Air Velocity in a Pipe

Using the equation and typical values of V, D and L explained to the right approximate values of P are computed as follows:

Velocity Ft/Sec	Pipe Diameter in Inches, 10' long				
	1	2	4	6	10
1	.0004	.0002	.0001	.00007	.00004
2	.0016	.0008	.0004	.00030	.00016
5	.0100	.0050	.0025	.00170	.0010
10	.0400	.0200	.0100	.00670	.0040
15	.0900	.0450	.0225	.01500	.0090
20	.1600	.0800	.0400	.02700	.0160
25	.2500	.1250	.0625	.04170	.0250
30	.3600	.1800	.0900	.06000	.0360

$$V = \sqrt{\frac{25,000 DP}{L}}$$

- V = air velocity in feet per second
- D = pipe inside diameter in inches
- L = length of pipe in feet
- P = pressure loss due to air friction in ounces/square inch

formula from B.F.Sturtevant Company

Air Volume Discharged from Pipe

- CFM = air volume in cubic feet per minute
- V = air velocity in feet per second as determined in the equation at the top of this page
- A = cross section area of pipe in square feet

$$CFM = 60VA$$

Boyle's Law

If temperature is kept constant, the volume of a given mass of gas is inversely proportional to the pressure which is exerted upon it.

$$\frac{\text{Initial Pressure}}{\text{Final Pressure}} = \frac{\text{Final Volume}}{\text{Initial Volume}}$$

Suggested Pipe Size for Compressed Air Flow at 100 PSI Length of Run, Feet

SCFM Air Flow	25	50	75	100	150	200	300	500	1000	Compressor HP
4	½	½	½	½	½	½	½	¾	¾	1
12	½	½	½	¾	¾	½	¾	1	1	3
20	¾	¾	¾	¾	1	¾	1	1¼	1¼	5
30	¾	¾	1	1	1	1	1¼	1¼	1¼	7½
40	¾	1	1	1	1¼	1	1¼	1½	1½	10
60	1	1	1¼	1¼	1¼	1¼	1½	1½	2	15
80	1	1¼	1¼	1¼	1½	1¼	1½	2	2	20
100	1¼	1¼	1½	1½	1½	1½	2	2	2½	25
120	1¼	1½	1½	1½	2	1½	2	2½	2½	30
160	1¼	1½	1½	2	2	1½	2½	2½	3	40
200	1½	2	2	2	2	2	2½	3	3	50
240	1½	2	2	2	2½	2	2½	3	3	60
300	2	2	2	2½	2½	2	3	3	3½	75
400	2	2½	2½	2½	3	2½	3	3½	4	100
500	2	2½	2½	3	3	2½	3½	3½	4	125

On a compressed air distribution system, pressure losses greater than 3% are considered excessive, and a well-designed system having a steady rate of air flow is usually designed for not more than a 1% loss or 1 PSI for a 100 PSI system. The pipe size depends not only on the volume of air flow but how far it must be carried. To hold the distribution loss to 1 PSI, pipes of larger diameter must be used on longer runs to carry the same flow that can be handled by smaller pipes on shorter runs.

Figures in the body of the chart above are pipe sizes recommended on a 100 PSI system to carry air with less than 1 PSI loss. When measuring lengths of runs, add 5' of length for each pipe fitting. If carrying 120 PSI pressure these sizes will carry slightly more air than shown, or pressure loss will be slightly less than 1 PSI. If carrying 80 PSI pressure these pipes will carry slightly less air at 1 PSI pressure loss than shown in the chart.

The left column of the chart shows the volume of air to be carried. It is difficult to estimate the air flow volume to be carried in each leg of the distribution system. This varies with the application. On some applications, like in a large plant with many legs in the distribution system serving dozens of air-operated machines, the air usage may be at a fairly steady rate. Other applications, usually on small systems, may have to carry a high surge of air if several machines happen to be operated at the same time. Then there may be a period with almost no flow.

To make a realistic estimate of air flow volume, the far right column of the chart showing compressor HP may be used. On steady pumping, a compressor will produce a minimum of 4 SCFM air flow for each 1 HP of capacity. This is a conservative figure, as most compressors will produce 5 or 6 SCFM.

For example, a 25 HP compressor will produce at least 100 SCFM of air as shown in the far left column on the same line as 25 HP.

excerpted from *Industrial Fluid Power*, Volume 1, third edition, 1984

Air Receiver Capacities

Tank Size (inches)	Tank Size (gallons)	Gauge Pressure on Tank (PSI)			
		0	100	150	200
Cubic Feet Tank Capacity					
12 x 24	10	1.3	11	15	19
14 x 36	20	2.7	21	30	39
16 x 36	30	4.0	31	45	59
20 x 48	60	8.0	62	90	117
20 x 63	80	10.7	83	120	156
24 x 68	120	16.0	125	180	234
30 x 84	240	32.0	250	360	467

If your tank is not listed in the table to the left, use the following formula to calculate the tank size (gallons) and then estimate the cubic feet tank capacity at a given pressure from the table above.

$$\text{Tank Gallons} = \frac{\text{Tank Height} \times (\text{Tank Radius})^2}{73.53}$$

Height and Radius are in inches

Air Hose Friction

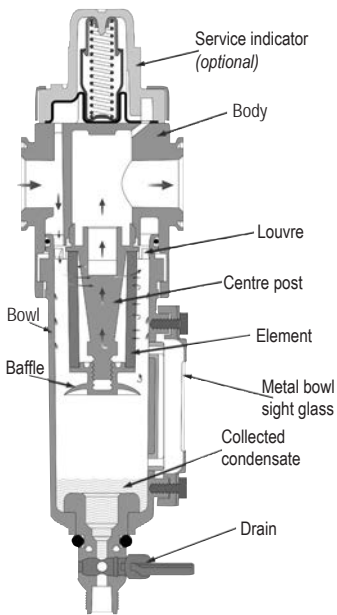
- PSI = pressure in pounds/square inch
- CFM = air flow in cubic feet/minute

Hose Size (inches)	CFM thru 50' Hose	Gauge Pressure - Pounds/sq inch			
		50	70	90	110
PSI Loss Over 50' Hose Length					
1/2"	20	1.8	1.0	.8	.6
	30	5.0	3.4	2.4	2.0
	40	10.1	7.0	5.4	4.3
	50	18.1	12.4	9.5	7.6
	60	+	20.0	14.8	12.0
	70	+	28.4	22.0	17.6
	80	+	+	30.5	24.6
	90	+	+	41.0	33.3
	10	+	+	+	44.5
	110	+	+	+	+
3/4"	20	.04	.2	.2	.1
	30	.08	.5	.4	.3
	40	1.5	.9	.7	.5
	50	2.4	1.5	1.1	.9
	60	3.5	2.3	1.6	1.3
	70	4.4	3.2	2.3	1.8
	80	6.5	4.2	3.1	2.4
	90	8.5	5.5	4.0	3.1
	100	11.4	7.0	5.0	3.9
	110	14.2	8.8	6.2	4.9
	120	+	11.0	7.5	5.9
	130	+	+	9.0	7.1
	1"	20	.1	0	0	0
30		.2	.1	.1	.1
40		.3	.2	.2	.2
50		.5	.4	.3	.2
60		.8	.5	.4	.3
70		1.1	.7	.6	.4
80		1.5	1.0	.7	.6
90		2.0	1.3	.9	.7
100		2.6	1.6	1.2	.9
110		3.5	2.0	1.4	1.1
120		4.8	2.5	1.7	1.3
130		7.0	3.1	2.0	1.5

+ pressure loss is too great and therefore the combination of hose size, CFM, and gauge pressure is not recommended. Gauge pressures the indicated air pressure in pounds/square inch, at the source (i.e. the air compressor receiver tank)

Simple Filter Troubleshooting

General Purpose Filter

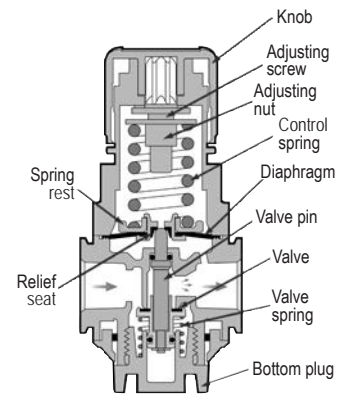


Malfunction	Possible cause	Remedy
Excessive pressure drop	Micron rating of element too small. Filter element blocked. Flow requirement greater than filter capacity.	Use larger micron element size for application. 1. Clean element (not coalescing element). 2. Replace with new element. Use larger filter.
Dirt passing through filter	Element seals missing or defective (N.B. Seals not required on some units). Damaged element.	1. Replace seal. 2. Tighten element. Replace element.
Water passing through filter	Water level in bowl above baffle. Flow capacity of filter exceeded.	Drain water. Maintain flow within capacity of filter or change to filter capable of handling desired flows.
Crazing of polycarbonate bowl or milky appearance	Bowl has been cleaned with incompatible fluid. Bowl is being used in an area containing fumes or vapors in-compatible with polycarbonate. Compressor oil vapor may be causing problem. Air intake to compressor may contain fumes or vapor in-compatible with polycarbonate.	Replace bowl. (Clean only with clean warm water and soap.) Replace bowl. Eliminate source of problem or convert from plastic to metal bowls. Replace bowl. Eliminate source of problem or convert from plastic to metal bowls. Replace bowl. Eliminate source of problem or convert from plastic to metal bowls.
Water beyond the filter	Inlet air has a high temperature and as it cools downstream, moisture condenses to water.	Fit dryer, pre-cool air or fit filter immediately prior to application.

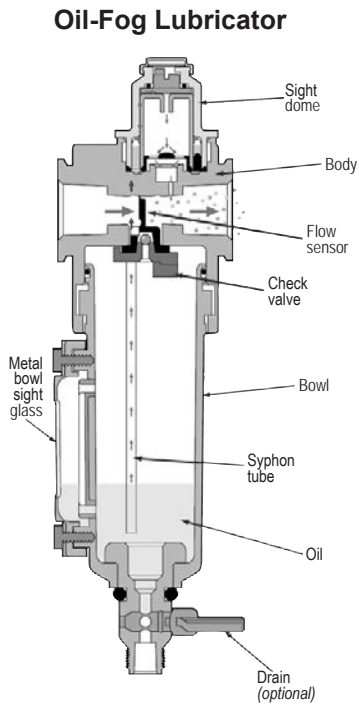
Simple Regulator Troubleshooting

Malfunction	Possible cause	Remedy
Regulator creep (increase in secondary pressure due to leak from primary)	Dirty or cut valve elastomers. Nick in valve seat.	Replace or clean valve. If body or valve seat is damaged it can be replaced on some models. On others replacement of complete regulator is required.
Won't relieve secondary pressure	Non-relieving diaphragm assembly.	If this feature is required, replace with relieving type diaphragm assembly.
Won't reach desired pressure	Regulating spring with low spring rate.	Use regulating spring with spring rate designed to cover desired range.
Excessive leak from relief hole	Damaged relief seat. Ruptured diaphragm. Leakage past valve causing secondary to increase somewhat and open relief seat.	Replace diaphragm assembly. Replace or clean valve.
Regulator chatter	A resonant condition is generally only encountered under a certain set of conditions of flow and pressure and then only in some applications in which regulator couples with other system components.	Replace spring with a higher pressure range spring. Replace with a piston type regulator since they have less tendency to chatter.
Regulator difficult to adjust	Adjusting screw or knob locking device in locked position. Contaminants in adjusting screw threads.	Pull to unlock knob and adjust; push knob to lock. Threaded adjusting screws: loosen lock nut, remove adjusting screw, clean thread and lubricate. Place some lubricant on tip of screw.

General Purpose Regulator



Simple Lubricator Troubleshooting



Malfunction	Possible cause	Remedy
No Drip Rate	Oil adjustment knob fully clockwise Low oil level Airflow through lubricator too low Blocked oil filter screen Air leaks	Readjust knob. Check oil level. Use smaller size lubricator. Remove bowl and sight feed adjustment dome and clear syphon tube. Remove sight feed adjustment dome and clean or replace screen located in dome assembly. Check bowl, filler plug and sight dome seals. Tighten if necessary.
Oil Foaming	Over aeration	Check bowl seals for slight leaks.
Oil Emulsified	Water in lubricator	Fit filter immediately upstream.
Drip Rate changes after setting	Fade	Readjust drip rate.

Setting Lubricator Drip Rates

What is the correct drip rate setting?

The drip rate will depend on the application, the amount of lubrication required, the flow through the lubricator and the lubricator type. In micro-fog lubricators only 10% of the droplets in the sight dome are carried downstream. The drip rate in micro-fog lubricators therefore tends to be much higher. The following table can be used to estimate drip rate for required flow. This is very much a rule of thumb. In practice it is necessary to fine tune the oil drip rate in each application.

Typical Drip Rate per Minute Micro-Fog	Typical Drip Rate per Oil-Fog	Approximate Flow SCFM (dm ³ /s)
20	2	10 (5)
40	4	20 (10)
60	6	30 (15)
80	8	40 (20)
100	10	50 (25)
120	12	60 (30)

Can the drip rate be shut off?

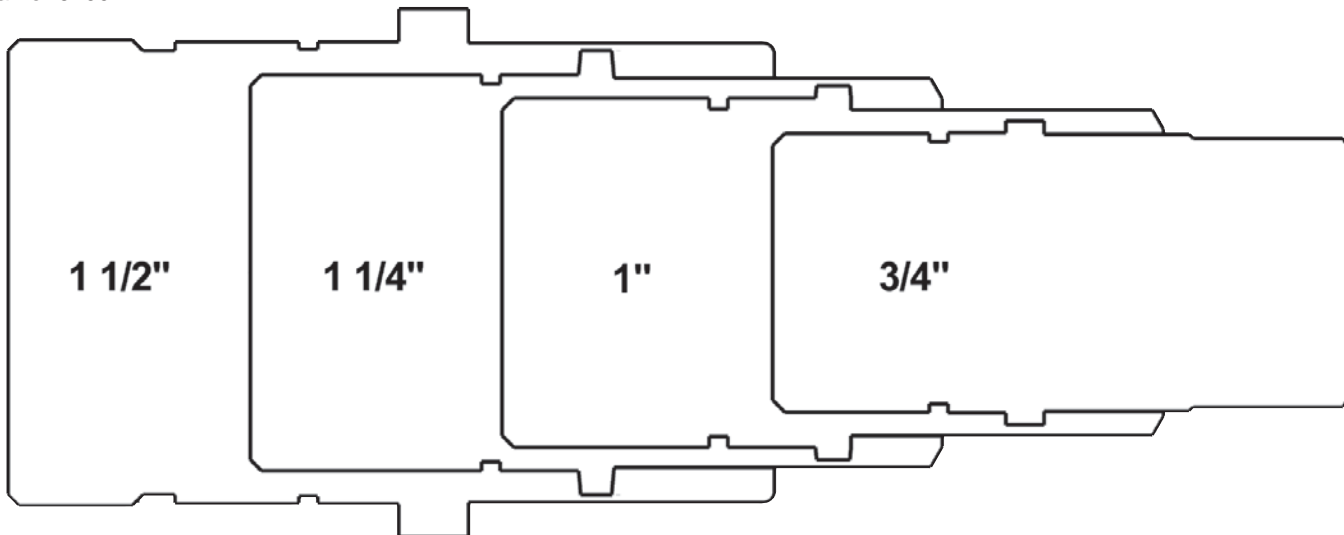
In lubricators with needle valve type sight dome, yes. Some sight domes use a felt pad which is soaked in oil at the point where the drops are formed. With this type of sight dome the oil droplets cease once the felt pad dries out. With the new style dome (L72/73/74 and L07) complete shut off is not possible. Minimum adjustment for the drip rate is around 1 drop per minute.

Hydraulic Plug Profile Charts

Industry/Competitor Interchange

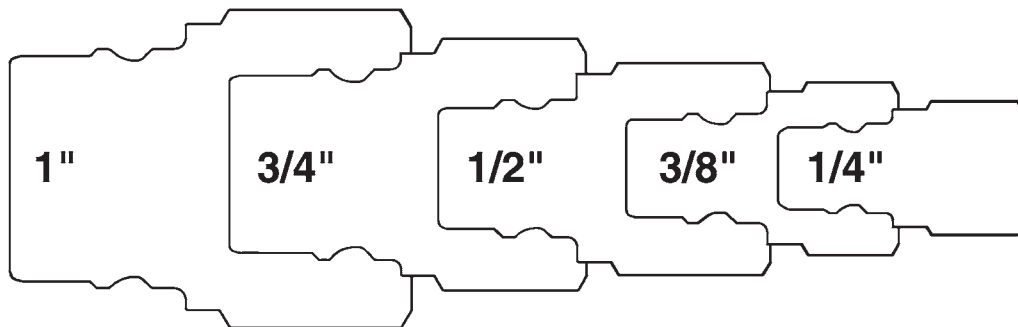
Perfecting W Series
Aeroquip 5100
Parker 6100

Dixon™ 7800 Series, page 399



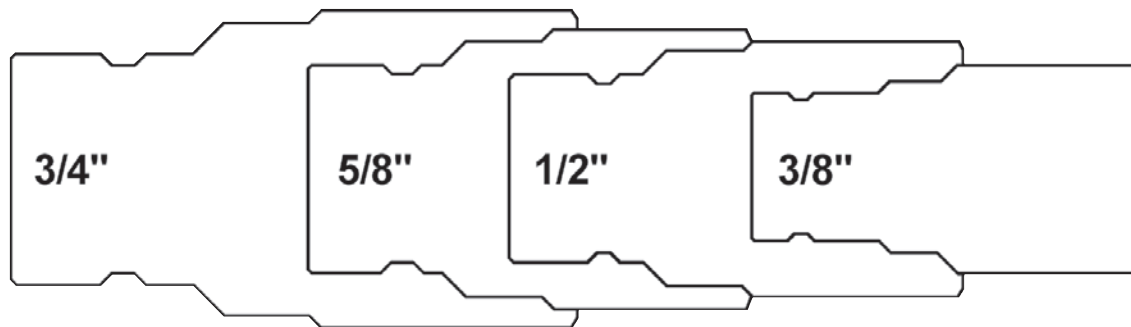
Dixon™ VH Series, page 403

Perfecting V Series
Snap-tite H
Faster TNV



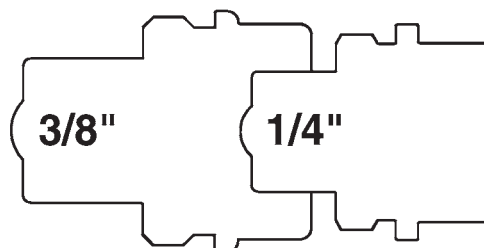
Dixon™ Flush Face Fittings, page 401

Perfecting HT Series
Aeroquip FD49
HTMA Parker FF



Dixon™ 3000 Series, page 396

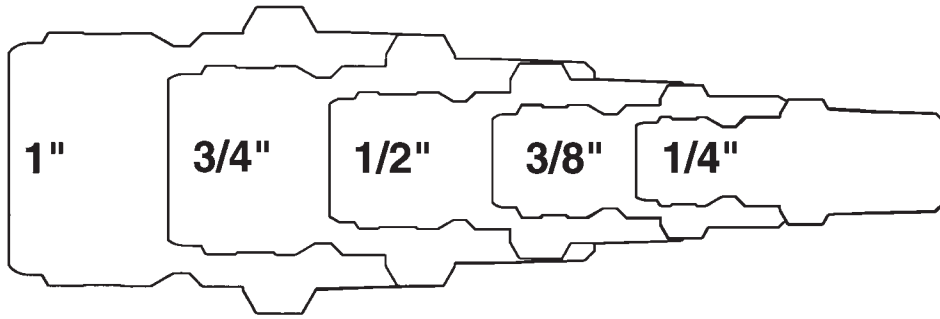
Perfecting T Series
Parker 3000
Enerpac C604



Hydraulic Plug Profile Charts

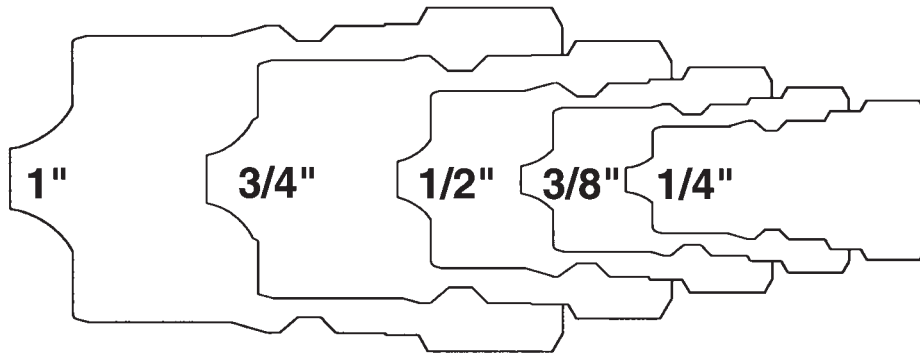
Industry/Competitor
Interchange

Dixon™ Straight Thru Fittings, pages 324-325



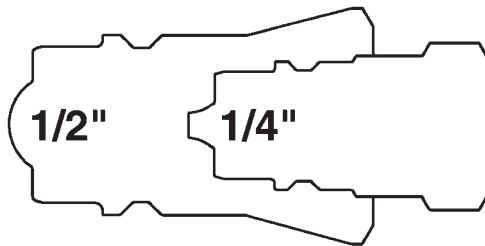
Perfecting E Series
Parker ST
Hansen ST

Dixon™ Industrial Fittings, page 395



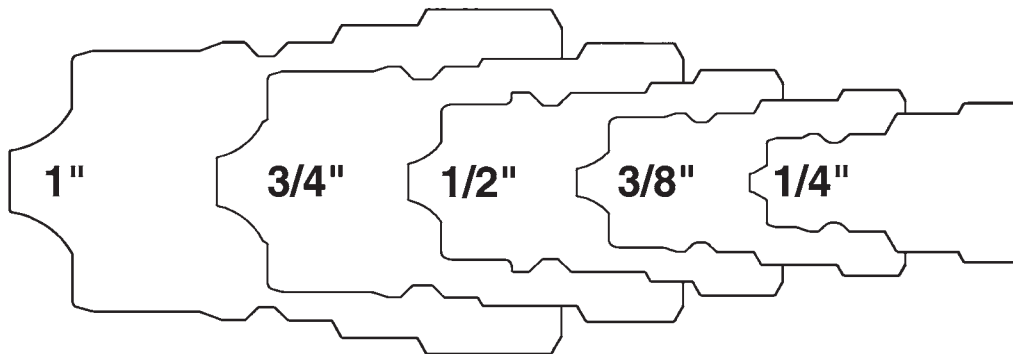
ISO 7241-B
Perfecting H Series
Hansen HK
Aeroquip FD45
Parker 60

Dixon™ Agricultural Fittings, page 398



Perfecting R Series
Aeroquip FD76
Parker/Pioneer 4000
Safeway S20

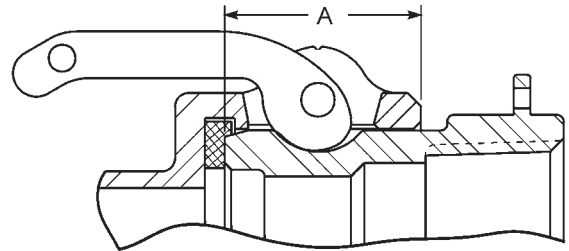
Dixon™ 5600 Series, page 397



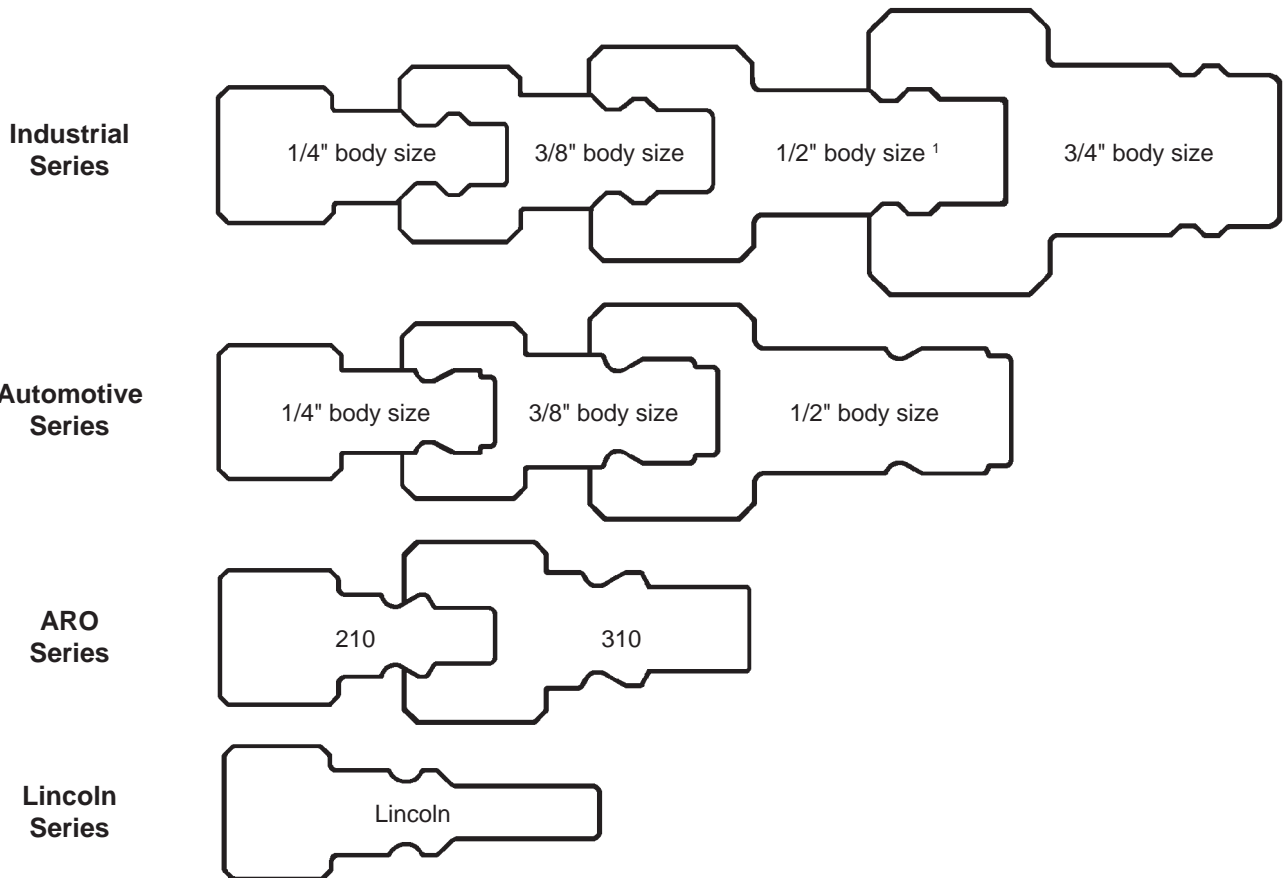
ISO 7241-A
Perfecting K Series
Aeroquip 5600
Parker 6600

Cam and Groove Nominal Take-Up Lengths

Coupling Size	Dimension A
½"	0.97"
¾"	0.97"
1"	1.20"
1¼"	1.44"
1½"	1.50"
2"	1.81"
2½"	1.82"
3"	1.78"
4"	1.84"
5"	2.00"
6"	2.13"
8"	2.06"
8"	3.22"



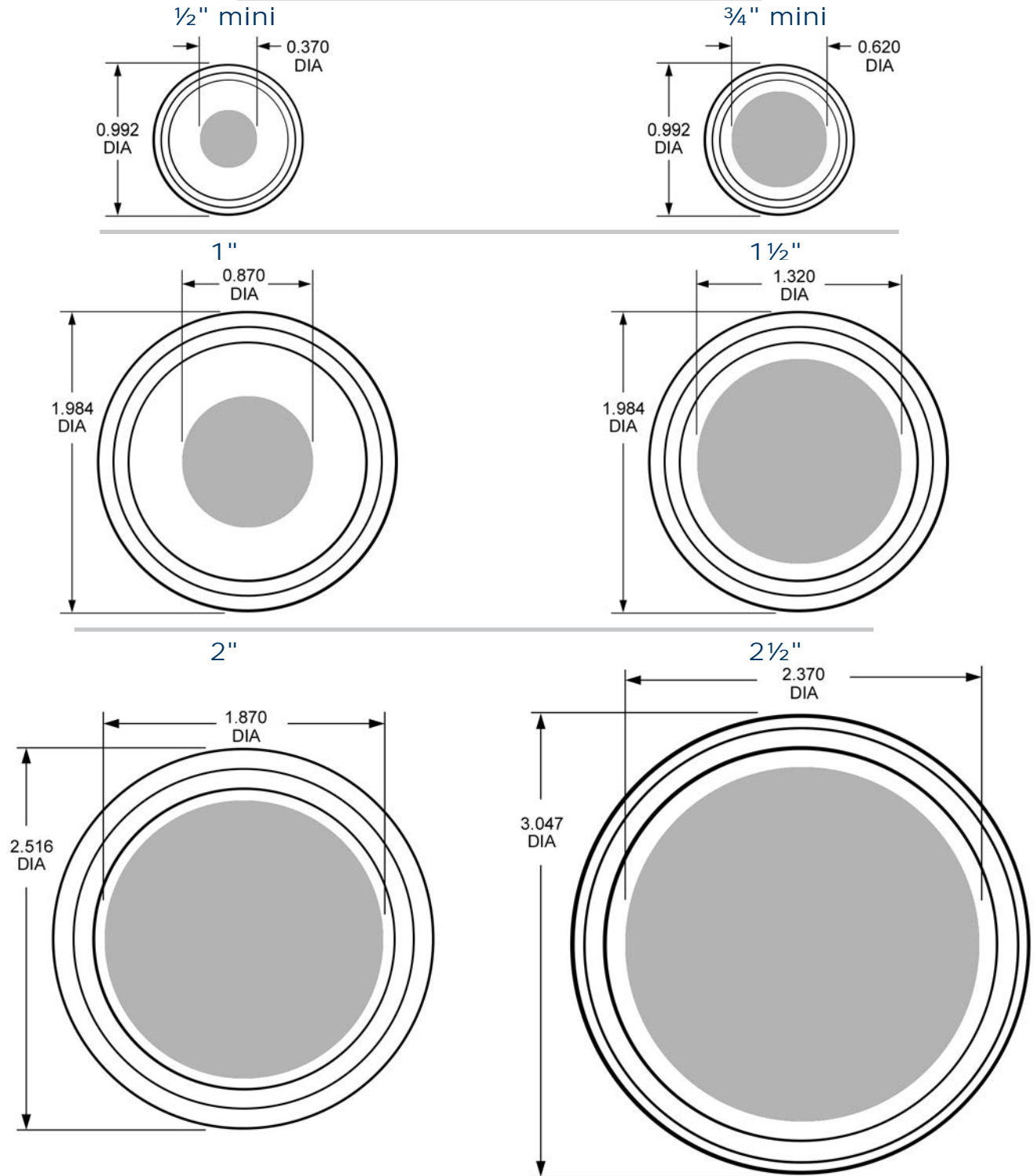
Air Chief Actual Size Profile Charts



¹ ½" Industrial Series may also interchange with ½" Automotive Series.

Sanitary Sizing Guide

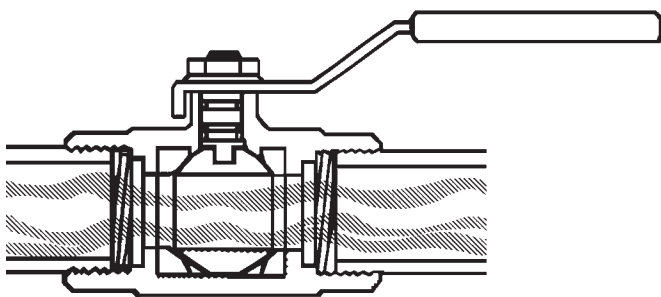
- actual size diagrams are provided to eliminate sizing errors when specifying sanitary fittings
- outside diameters are the same for ½" and ¾" (0.992 OD) and 1" and 1½" (1.984 OD)
- sizes 2" and above have specific outside diameter dimensions
- Diagrams are not available for 3" and above, reference the table below for information



Sanitary Size	OD of clamp end	ID of fitting	Sanitary Size	OD of clamp end	ID of fitting
½"	0.992	0.370	3"	3.579	2.870
¾"	0.992	0.620	4"	4.682	3.834
1"	1.984	0.870	6"	6.562	5.782
1½"	1.984	1.320	8"	8.602	7.760
2"	2.516	1.870	10"	10.570	9.782
2½"	3.047	2.370	12"	12.570	11.760

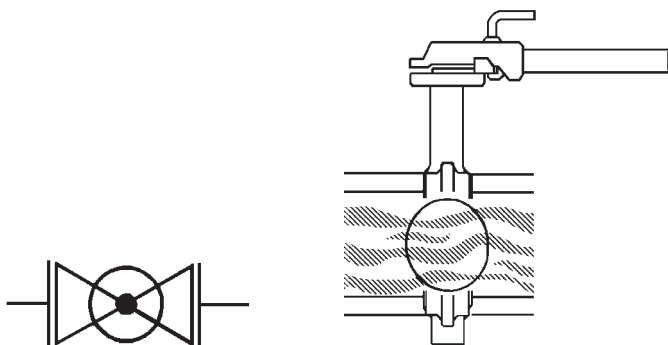
Valve Selection Guide

Ball Valve



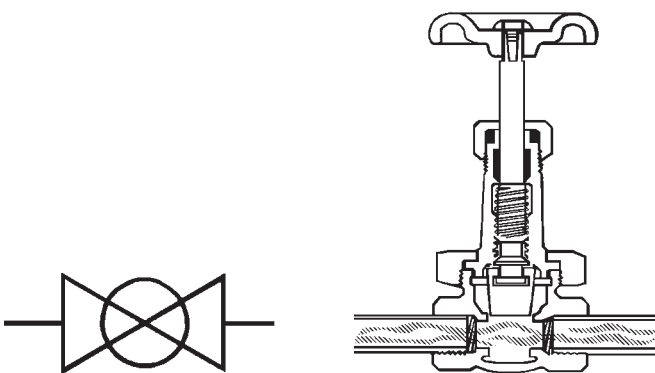
- can be used for on and off service or throttling
- when positive shut-off is necessary
- where a low valve profile is necessary
- only 90° rotation from open to fully closed (quick opening)
- Handle position is a quick indication of whether valve is open or closed.
- full port ball valves do not resist flow

Butterfly Valve



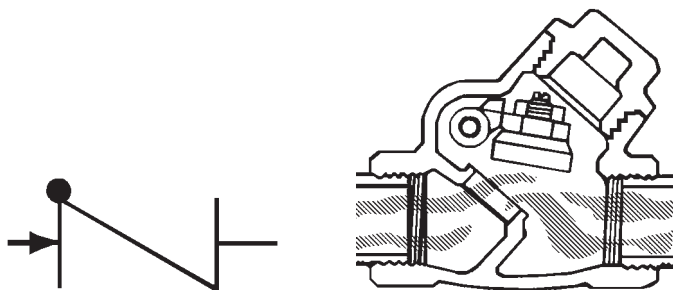
- where positive shut-off is necessary
- primarily for fully open or fully closed applications
- may be used for throttling
- only 90° rotation from open to fully closed
- lightweight
- easy to install
- less costly than an iron body gate valve

Gate Valve



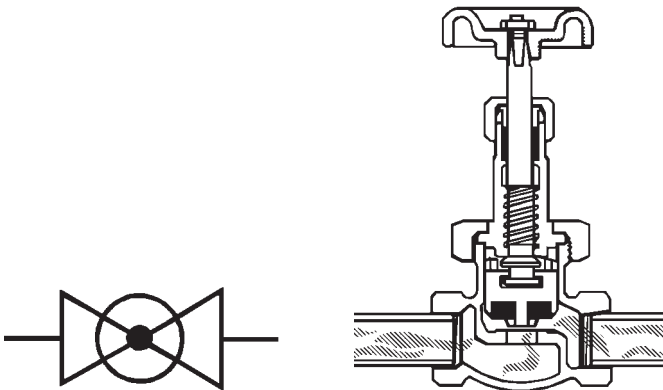
- for fully open or fully closed service - not for throttling
- for minimum line pressure drop
- for minimum fluid entrapment in the line
- for relatively infrequent operation

Check Valve



- To control the direction of flow and for quick, automatic reactions to flow change. Swing check valves are used when a minimum resistance to flow is required.
- Swing check valves are recommended for use in conjunction with gate valves. They should not be used in a rapid recycling system such as reciprocating pumps or air compressor service where they could cause chatter and damaging vibration.

Globe Valve

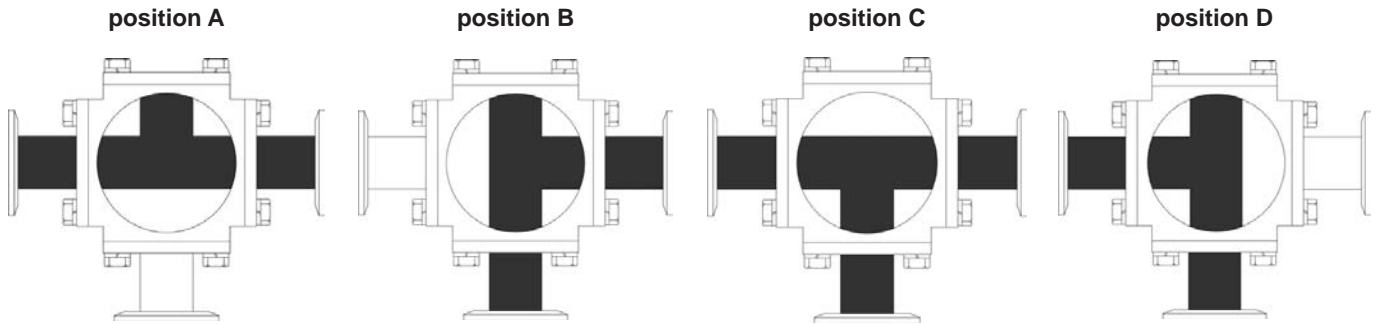


- for regulation (throttling) of flow
- for frequent operation; short stem travel reduces operator's time
- where some line resistance is acceptable

3-Way Ball Valve Flow Options

'T' Pattern, Side Entry

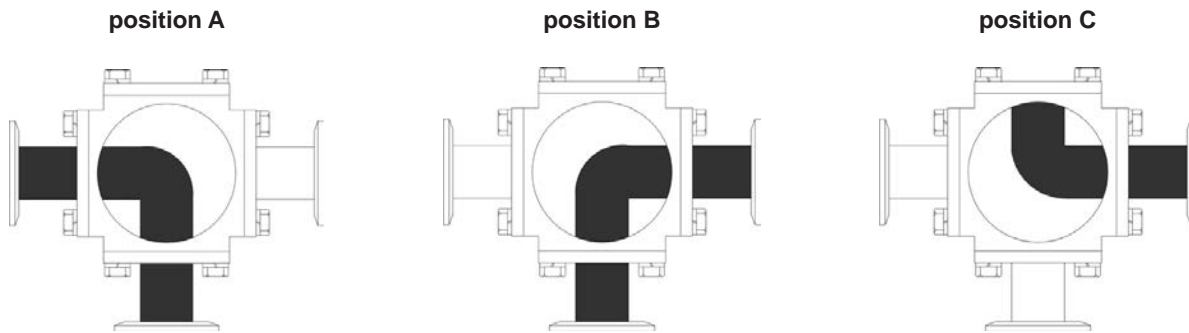
Top view



Number	Rotation	Flow Plan Options
1	90°	A, B
2	90°	B, C
3	90°	C, D
4	90°	A, D
5	180°	A, B, C
6	180°	B, C, D
7	180°	A, C, D
8	180°	A, B, D

'L' Pattern, Side Entry

Top view



Number	Rotation	Flow Plan Options
1	90°	A, B
2	180°	A, B, C

Crimp Recommendations

The crimp recommendation charts on pages 855-870 are only guides. It will not apply to every coupling situation. In some instances alternative dies and crimping dimensions must be employed to ensure safety. Experience has shown that variances in the construction of similar hoses and couplings may cause some assemblies to react differently when crimped. It is not uncommon to find hose with an outer diameter that fluctuates from one end to the other or from production lot to production lot. These inconsistencies coupled with the inherent differences between textile or wire braid, hard or soft wall, the presence or absence of an internal spiral wire and the differences in hose coverings make it difficult to establish hard and fast rules. Therefore, it's imperative that hose dimensions are accurately measured, assemblies are tested, and documentation is maintained.

Crimp Dix-Lock™ and Dual-Lock Recommendation Guide

• see pages 130-132 and 133-134 for the Dix-Lock™ and Dual-Lock products

Hose ID	Part #	Hose OD		Crimp Diameter (±0.005)	Crimp Length		% Reduction
		Fractional	Decimal		QM/QB	PHL	
1/2"	QM3WF QB3WF QM22WF QB22WF QM33WF QB33WF PHL8WF	54/64	0.844	0.917	1-1/8	1-1/4	18.9
		55/64	0.859	0.929	1-1/8	1-1/4	18.1
		56/64	0.875	0.942	1-1/8	1-1/4	18.9
		57/64	0.891	0.954	1-1/8	1-1/4	18.4
		58/64	0.906	0.967	1-1/8	1-1/4	19.0
		59/64	0.922	0.980	1-1/8	1-1/4	18.5
		60/64	0.938	0.992	1-1/8	1-1/4	18.0
		61/64	0.953	1.005	1-1/8	1-1/4	18.5
		62/64	0.969	1.018	1-1/8	1-1/4	18.1
		63/64	0.984	1.030	1-1/8	1-1/4	18.6
		1	1.000	1.043	1-1/8	1-1/4	18.2
		1-1/64	1.016	1.056	1-1/8	1-1/4	18.8
		1-2/64	1.031	1.068	1-1/8	1-1/4	18.3
		3/4"	QM4WF QB4WF QM23WF QB23WF QM44WF QB44WF PHL12WF	1-10/64	1.156	1.220	1-1/4
1-11/64	1.171			1.235	1-1/4		18.0
1-12/64	1.187			1.244	1-1/4		18.7
1-13/64	1.203			1.260	1-1/4		18.1
1-14/64	1.218			1.270	1-1/4		18.8
1-15/64	1.234			1.285	1-1/4		18.2
1-16/64	1.250			1.295	1-1/4		18.8
1-17/64	1.265			1.310	1-1/4		18.4
1-18/64	1.281			1.320	1-1/4		18.8
1-19/64	1.296			1.335	1-1/4		18.5
1-20/64	1.312			1.345	1-1/4		19.0
1-21/64	1.328			1.360	1-1/4		18.5
1-22/64	1.343			1.370	1-1/4		19.0

Crimp 3500 Nipple Recommendation Guide

• see page 135 for the 3500 nipples

Hose ID	Part #	Hose OD		Crimp Diameter (±0.005)	Crimp Length	% Reduction
		Fractional	Decimal			
1/2"	3512WF	54/64	0.844	0.906	1-1/4	21.1
		55/64	0.859	0.906	1-1/4	24.5
		56/64	0.875	0.938	1-1/4	19.3
		57/64	0.891	0.938	1-1/4	22.6
		58/64	0.906	0.969	1-1/4	17.8
		1-10/64	1.156	1.218	1-7/16	17.8
3/4"	3514WF	1-11/64	1.171	1.218	1-7/16	20.7
		1-12/64	1.187	1.218	1-7/16	23.6
		1-13/64	1.203	1.250	1-7/16	19.4
		1-14/64	1.218	1.250	1-7/16	22
		1-30/64	1.468	1.500	1-15/16	23
1"	3518WF	1-31/64	1.484	1.531	1-15/16	19
		1-32/64	1.500	1.531	1-15/16	21.6
		1-33/64	1.515	1.563	1-15/16	17.9
		1-34/64	1.531	1.563	1-15/16	20.3

Crimp Air King™ Recommendation Guide

• see page 125 for Air King™ products

Hose ID	Part #	Hose OD		Crimp Diameter (±0.005)	Crimp Length	% Reduction		
		Fractional	Decimal					
½"	AM1WF	54/64	0.843	0.906	1-1/4	18.3		
		55/64	0.859	0.937	1-1/4	13.2		
		56/64	0.875	0.937	1-1/4	16.9		
		57/64	0.890	0.968	1-1/4	12.1		
		58/64	0.906	0.968	1-1/4	15.5		
		59/64	0.921	1.000	1-1/4	11.1		
		60/64	0.937	1.000	1-1/4	14.4		
		61/64	0.953	1.000	1-1/4	17.2		
		62/64	0.968	1.031	1-1/4	13.4		
		63/64	0.984	1.031	1-1/4	16.1		
		1	1.000	1.062	1-1/4	12.7		
		1-1/64	1.015	1.062	1-1/4	15.3		
		1-2/64	1.031	1.093	1-1/4	12.0		
¾"	AM6WF RAM6WF	1-4/64	1.062	1.156	1-1/4	13.4		
		1-5/64	1.078	1.156	1-1/4	17.3		
		1-6/64	1.093	1.187	1-1/4	11.9		
		1-7/64	1.109	1.187	1-1/4	15.8		
		1-8/64	1.125	1.218	1-1/4	11.2		
		1-9/64	1.140	1.218	1-1/4	14.6		
		1-10/64	1.156	1.218	1-1/4	17.5		
		1-11/64	1.171	1.250	1-1/4	13.0		
		1-12/64	1.187	1.250	1-1/4	16.2		
		1-13/64	1.203	1.281	1-1/4	12.3		
		1-14/64	1.218	1.281	1-1/4	15.1		
		1-15/64	1.234	1.312	1-1/4	11.5		
		1-16/64	1.250	1.312	1-1/4	14.4		
		1-17/64	1.265	1.312	1-1/4	16.9		
		1-18/64	1.281	1.343	1-1/4	13.5		
		1-19/64	1.296	1.343	1-1/4	15.9		
		1-20/64	1.312	1.375	1-1/4	12.6		
		1-21/64	1.328	1.375	1-1/4	15.0		
		1-22/64	1.343	1.406	1-1/4	12.1		
		1"	AM11WF-1	1-18/64	1.281	1.375	1-1/2	16.7
				1-19/64	1.296	1.375	1-1/2	20.5
				1-20/64	1.312	1.406	1-1/2	15.0
1-21/64	1.328			1.406	1-1/2	18.6		
1-22/64	1.343			1.437	1-1/2	13.7		
1-23/64	1.359			1.437	1-1/2	17.5		
1-24/64	1.375			1.468	1-1/2	12.8		
1-25/64	1.390			1.468	1-1/2	16.1		
1-26/64	1.406			1.500	1-1/2	11.5		
1-27/64	1.421			1.500	1-1/2	14.7		
1-28/64	1.437			1.500	1-1/2	17.6		
1-29/64	1.453			1.531	1-1/2	13.9		
AM11WF-1 AM11WF	1-30/64			1.468	1.531	1-1/2	16.8	
	1-31/64		1.484	1.562	1-1/2	12.8		
	1-32/64		1.500	1.562	1-1/2	15.4		
	1-33/64		1.515	1.593	1-1/2	12.0		
	1-34/64		1.531	1.593	1-1/2	14.7		
AM11WF	1-35/64		1.546	1.625	1-1/2	11.1		
	1-36/64		1.562	1.625	1-1/2	13.7		
	1-37/64		1.578	1.625	1-1/2	15.9		
	1-38/64		1.593	1.656	1-1/2	12.9		
	1-39/64		1.609	1.656	1-1/2	15.1		
	1-40/64		1.625	1.687	1-1/2	12.4		
	1-41/64		1.640	1.687	1-1/2	14.5		
	1-42/64		1.656	1.718	1-1/2	11.8		
	1-43/64		1.671	1.718	1-1/2	14.0		
	1-44/64	1.687	1.750	1-1/2	11.3			
	1-45/64	1.703	1.750	1-1/2	13.3			
	1-46/64	1.718	1.750	1-1/2	15.1			

Crimp Global Air King™ Recommendation Guide

- see page 123-124 for Global Air King™ products

½" Global Air King™

Hose ID	Stem Part #	Ferrule Part #	Hose OD		Crimp Diameter (±0.005)	% Reduction
			Fractional	Decimal		
½"	GAM1	CCF0906	54/64	0.8438	0.840	15
		CCF0906	55/64	0.8594	0.853	15
		CCF0906	56/64	0.8750	0.867	15

¾" Global Air King™

Hose ID	Stem Part #	Ferrule Part #	Hose OD		Crimp Diameter (±0.005)	% Reduction
			Fractional	Decimal		
¾"	GAM6	CCF1120	1-5/64	1.0781	1.082	20
		CCF1120	1-6/64	1.0938	1.094	20
		CCF1149	1-7/64	1.1094	1.107	20
		CCF1149	1-8/64	1.1250	1.119	20
		CCF1190	1-9/64	1.1406	1.122	20
		CCF1190	1-10/64	1.1563	1.134	20
		CCF1218	1-11/64	1.1719	1.147	20
		CCF1218	1-12/64	1.1875	1.159	20
		CCF1246	1-13/64	1.2031	1.182	20
		CCF1246	1-14/64	1.2188	1.194	20

1" Global Air King™

Hose ID	Stem Part #	Ferrule Part #	Hose OD		Crimp Diameter (±0.005)	% Reduction
			Fractional	Decimal		
1"	GAM11	CCF1438	1-25/64	1.3906	1.388	20
		CCF1438	1-26/64	1.4063	1.400	20
		CCF1469	1-27/64	1.4219	1.413	20
		CCF1469	1-28/64	1.4375	1.425	20
		CCF1500	1-29/64	1.4531	1.438	20
		CCF1500	1-30/64	1.4688	1.450	20
		CCF1531	1-31/64	1.4844	1.463	20
		CCF1531	1-32/64	1.5000	1.475	20

Crimp Surelock™ Recommendation Guide

• see page 128 for Surelock™ products

Hose ID	Part #	Hose OD		Crimp Diameter (±0.005)	Crimp Length	% Reduction		
		Fractional	Decimal					
½"	SL050CR	54/64	0.843	0.969	1-1/4	16.6		
		55/64	0.859	0.969	1-1/4	20.2		
		56/64	0.875	0.969	1-1/4	23.5		
		57/64	0.890	1.000	1-1/4	18.6		
		58/64	0.906	1.000	1-1/4	21.7		
		59/64	0.921	1.031	1-1/4	17.2		
		60/64	0.937	1.031	1-1/4	20.2		
		61/64	0.953	1.032	1-1/4	23.0		
		62/64	0.968	1.063	1-1/4	18.8		
		63/64	0.984	1.063	1-1/4	21.5		
		1	1.000	1.094	1-1/4	17.7		
		1-1/64	1.015	1.094	1-1/4	20.2		
1-2/64	1.031	1.094	1-1/4	22.5				
¾"	SL075CR	1-4/64	1.062	1.156	1-1/4	18.8		
		1-5/64	1.078	1.156	1-1/4	22.7		
		1-6/64	1.093	1.188	1-1/4	17.1		
		1-7/64	1.109	1.188	1-1/4	20.7		
		1-8/64	1.125	1.188	1-1/4	24.0		
		1-9/64	1.140	1.219	1-1/4	19.0		
		1-10/64	1.156	1.219	1-1/4	22.2		
		1-11/64	1.171	1.250	1-1/4	17.6		
		1-12/64	1.187	1.250	1-1/4	20.6		
		1-13/64	1.203	1.250	1-1/4	23.3		
		1-14/64	1.218	1.281	1-1/4	19.2		
		1-15/64	1.234	1.281	1-1/4	21.8		
		1-16/64	1.250	1.313	1-1/4	18.0		
		1-17/64	1.265	1.313	1-1/4	20.5		
		1-18/64	1.281	1.313	1-1/4	22.8		
		1-19/64	1.296	1.344	1-1/4	19.3		
		1-20/64	1.312	1.344	1-1/4	21.6		
		1-21/64	1.328	1.375	1-1/4	18.3		
		1-22/64	1.343	1.375	1-1/4	20.4		
		1"	SL100CR	1-30/64	1.468	1.500	1-1/2	21.9
				1-31/64	1.484	1.531	1-1/2	18.0
				1-32/64	1.500	1.531	1-1/2	20.6
				1-33/64	1.515	1.531	1-1/2	23.0
				1-34/64	1.531	1.563	1-1/2	19.3
1-35/64	1.546			1.563	1-1/2	21.7		
1-36/64	1.562			1.594	1-1/2	18.3		
1-37/64	1.578			1.594	1-1/2	20.5		
1-38/64	1.593			1.625	1-1/2	17.3		
1-39/64	1.609			1.625	1-1/2	19.4		
1-40/64	1.625			1.625	1-1/2	21.4		
1-41/64	1.640			1.656	1-1/2	18.5		
1-42/64	1.656			1.656	1-1/2	20.4		
1-43/64	1.671			1.688	1-1/2	17.6		
1-44/64	1.687			1.688	1-1/2	19.5		
1-45/64	1.703			1.688	1-1/2	21.3		
1-46/64	1.718			1.719	1-1/2	18.6		
1½"	SL150CR			2-1/64	2.015	2.094	2-7/8	19.9
				2-2/64	2.031	2.094	2-7/8	22.3
				2-3/64	2.046	2.125	2-7/8	18.8
		2-4/64	2.062	2.125	2-7/8	21.1		
		2-5/64	2.078	2.125	2-7/8	23.2		
		2-6/64	2.093	2.156	2-7/8	20.0		
		2-7/64	2.109	2.156	2-7/8	22.0		
		2-8/64	2.125	2.188	2-7/8	19.0		
2"	SL200CR	2-41/64	2.640	2.718	3	20.1		
		2-42/64	2.656	2.750	3	17.3		
		2-43/64	2.671	2.750	3	19.2		
		2-44/64	2.687	2.750	3	21.0		
		2-45/64	2.703	2.781	3	18.3		
		2-46/64	2.718	2.781	3	20.1		
		2-47/64	2.734	2.813	3	17.6		
		2-48/64	2.750	2.813	3	19.3		

Crimp Sanitary Recommendation Guide

• see page 450 for Crimp Sanitary products

1" and 1½" Crimped Sanitary Fittings

Hose ID	Stem Part #	Ferrule Part #	Hose OD		Crimp Diameter (±0.005)	% Reduction		
			Fractional	Decimal				
1"	CSSR100 CBSR100	F16G-1453	1-26/64	1.406	1.565	23%		
			1-27/64	1.422	1.577	23%		
			1-28/64	1.438	1.589	23%		
		F16G-1500	1-29/64	1.453	1.601	23%		
			1-30/64	1.469	1.613	23%		
			1-31/64	1.484	1.625	23%		
		F16G-1547	1-32/64	1.500	1.637	23%		
			1-33/64	1.516	1.649	23%		
			1-34/64	1.531	1.661	23%		
		F16G-1594	1-35/64	1.547	1.673	23%		
			1-36/64	1.563	1.685	23%		
			1-37/64	1.578	1.697	23%		
		F16G-1641	1-38/64	1.594	1.709	23%		
			1-39/64	1.609	1.721	23%		
			1-40/64	1.625	1.733	23%		
		1½"	CSSR150 CBSR150 CILR150 CTER150 HA0240 HA0235	F24G-1969	1-58/64	1.906	2.063	23%
					1-59/64	1.922	2.075	23%
					1-60/64	1.938	2.087	23%
					1-61/64	1.953	2.099	23%
				F24G-2031	1-62/64	1.969	2.111	23%
1-63/64	1.984				2.123	23%		
2	2.000				2.135	23%		
F24G-2094	2-1/64			2.016	2.147	23%		
	2-2/64			2.031	2.159	23%		
	2-3/64			2.047	2.171	23%		
	2-4/64			2.063	2.183	23%		
F24G-2156	2-5/64			2.078	2.195	23%		
	2-6/64			2.094	2.207	23%		
	2-7/64			2.109	2.219	23%		
	2-8/64			2.125	2.231	23%		
F24G-2219	2-9/64			2.141	2.243	23%		
	2-10/64			2.156	2.255	23%		
	2-11/64			2.172	2.267	23%		
	2-12/64			2.188	2.280	23%		
F24G-2281	2-13/64			2.203	2.291	23%		
	2-14/64			2.219	2.304	23%		
	2-15/64			2.234	2.315	23%		
	2-16/64			2.250	2.328	23%		
F24G-2344	2-17/64			2.266	2.340	23%		
	2-18/64			2.281	2.351	23%		
	2-19/64			2.297	2.364	23%		
	2-20/64			2.313	2.376	23%		
F24G-2500	2-21/64			2.328	2.388	23%		
	2-12/64			2.187	2.279	23%		
	2-13/64			2.203	2.291	23%		
	2-14/64	2.218	2.303	23%				
F24G-3125	2-15/64	2.234	2.315	23%				
	2-16/64	2.250	2.328	23%				
	2-17/64	2.265	2.339	23%				
	2-18/64	2.281	2.351	23%				
			2-19/64	2.296	2.363	23%		

Crimp Sanitary Recommendation Guide

• see page 450 for Crimp Sanitary products

2" Crimped Sanitary Fittings

Hose ID	Stem Part #	Ferrule Part #	Hose OD		Crimp Diameter (±0.005)	% Reduction
			Fractional	Decimal		
2"	CSSR200 CBSR200 CILR200 CTER200 HA0236 HA0341	F24G-2250	2-12/64	2.187	2.279	23%
			2-13/64	2.203	2.291	23%
			2-14/64	2.218	2.303	23%
			2-15/64	2.234	2.315	23%
		F24G-3125	2-16/64	2.250	2.328	23%
			2-17/64	2.265	2.339	23%
			2-18/64	2.281	2.351	23%
			2-19/64	2.296	2.363	23%
		F32G-2531	2-30/64	2.469	2.611	23%
			2-31/64	2.484	2.623	23%
			2-32/64	2.500	2.635	23%
			2-33/64	2.516	2.647	23%
		F32G-2594	2-34/64	2.531	2.659	23%
			2-35/64	2.547	2.671	23%
			2-36/64	2.563	2.683	23%
			2-37/64	2.578	2.695	23%
		F32G-2656	2-38/64	2.594	2.707	23%
			2-39/64	2.609	2.719	23%
			2-40/64	2.625	2.731	23%
			2-41/64	2.641	2.743	23%
		F32G-2719	2-42/64	2.656	2.755	23%
			2-43/64	2.672	2.767	23%
			2-44/64	2.688	2.779	23%
			2-45/64	2.703	2.791	23%
		F32G-2875	2-52/64	2.812	2.876	23%
			2-53/64	2.828	2.888	23%
			2-54/64	2.843	2.899	23%
			2-55/64	2.859	2.911	23%
F32G-2938	2-56/64	2.875	2.924	23%		
	2-57/64	2.891	2.936	23%		
	2-58/64	2.906	2.948	23%		
	2-59/64	2.922	2.960	23%		
2½"	CSSR250	F40G-3063	3	3.000	3.135	23%
			3-1/64	3.016	3.147	23%
			3-2/64	3.031	3.159	23%
			3-3/64	3.047	3.171	23%
		F40G-3125	3-4/64	3.063	3.184	23%
			3-5/64	3.078	3.195	23%
			3-6/64	3.094	3.207	23%
			3-7/64	3.109	3.219	23%
		F40G-3188	3-8/64	3.125	3.231	23%
			3-9/64	3.141	3.244	23%
			3-10/64	3.156	3.255	23%
			3-11/64	3.172	3.267	23%
		F40G-3250	3-12/64	3.188	3.279	23%
			3-13/64	3.203	3.291	23%
			3-14/64	3.219	3.303	23%
			3-15/64	3.234	3.315	23%
		F40G-3313	3-16/64	3.250	3.328	23%
			3-17/64	3.266	3.340	23%
			3-18/64	3.281	3.352	23%
			3-19/64	3.297	3.364	23%
		F40G-3375	3-20/64	3.313	3.376	23%
			3-21/64	3.328	3.388	23%
			3-22/64	3.344	3.400	23%
			3-23/64	3.359	3.412	23%

Crimp Sanitary Recommendation Guide

• see page 450 for Crimp Sanitary products

3" and 4" Crimped Sanitary Fittings

Hose ID	Stem Part #	Ferrule Part #	Hose OD		Crimp Diameter (±0.005)	% Reduction
			Fractional	Decimal		
3"	CSSR300 CBSR300 CILR300 CTER300 HA0238 HA0243	F48G-3625	3-36/64	3.563	3.683	23%
			3-37/64	3.578	3.695	23%
			3-38/64	3.594	3.707	23%
			3-39/64	3.609	3.719	23%
		F48G-3688	3-40/64	3.625	3.731	23%
			3-41/64	3.641	3.743	23%
			3-42/64	3.656	3.755	23%
			3-43/64	3.672	3.767	23%
		F48G-3750	3-44/64	3.688	3.779	23%
			3-45/64	3.703	3.791	23%
			3-46/64	3.719	3.803	23%
			3-47/64	3.734	3.815	23%
		F48G-3813	3-48/64	3.750	3.828	23%
			3-49/64	3.766	3.840	23%
			3-50/64	3.781	3.852	23%
			3-51/64	3.797	3.864	23%
		F48G-3875	3-52/64	3.813	3.876	23%
			3-53/64	3.828	3.888	23%
			3-54/64	3.844	3.900	23%
			3-55/64	3.859	3.912	23%
		F48G-3938	3-56/64	3.875	3.924	23%
			3-57/64	3.891	3.936	23%
			3-58/64	3.906	3.948	23%
			3-59/64	3.922	3.960	23%
		F48G-4106	4-3/64	4.046	4.056	23%
			4-4/64	4.062	4.069	23%
			4-5/64	4.078	4.080	23%
			4-6/64	4.093	4.092	23%
4"	CSSR400 CBSR400 CILR400 CTER400	F64G-4688	4-40/64	4.625	4.857	23%
			4-41/64	4.641	4.869	23%
			4-42/64	4.656	4.881	23%
			4-43/64	4.672	4.893	23%
		F64G-4750	4-44/64	4.688	4.905	23%
			4-45/64	4.703	4.917	23%
			4-46/64	4.719	4.929	23%
			4-47/64	4.734	4.941	23%
		F64G-4813	4-48/64	4.750	4.954	23%
			4-49/64	4.766	4.966	23%
			4-50/64	4.781	4.978	23%
			4-51/64	4.797	4.990	23%
		F64G-4875	4-52/64	4.813	5.002	23%
			4-53/64	4.828	5.014	23%
			4-54/64	4.844	5.026	23%
			4-55/64	4.859	5.038	23%
		F64G-4938	4-56/64	4.875	5.050	23%
			4-57/64	4.891	5.062	23%
			4-58/64	4.906	5.074	23%
			4-59/64	4.922	5.086	23%
		F64G-5141	5-5/64	5.078	5.205	23%
			5-6/64	5.093	5.218	23%
			5-7/64	5.109	5.230	23%
			5-8/64	5.125	5.242	23%

Crimp Recommendation Guide

- see pages 12-20 for Crimp products

Hose ID	Cam & Groove Coupler Part #	Cam & Groove Adapter Part #	King™ Combination Nipple Part #	Sleeve & Ferrule Part #	Hose Range		Hose OD	Crimp Diam. inches (± 0.005)	Crimp Diam. mm
					From	To			
1"	100-C-AL 100-C-BR 100-C-SS RC100EZCR G100-C-ALCR G100-C-BRCR G100-C-SSCR	100-E-AL 100-E-BR 100-E-SS G100-E-ALCR G100-E-BRCR G100-E-SSCR	STC10CS RST10CS STV10CS RSTV10CS STB10CS RSTB10CS	CS100-1xx CF100-1xx	1-13/64	1-16/64	1 13/64	1.266	32.167
							1 14/64	1.278	32.472
							1 15/64	1.290	32.778
							1 16/64	1.303	33.084
				CS100-2xx CF100-2xx	1-17/64	1-20/64	1 17/64	1.317	33.457
							1 18/64	1.329	33.766
							1 19/64	1.342	34.076
				CS100-3xx CF100-3xx	1-21/64	1-24/64	1 20/64	1.354	34.385
							1 21/64	1.366	34.695
							1 22/64	1.378	35.004
				CS100-4xx CF100-4xx	1-23/64	1-26/64	1 23/64	1.390	35.314
							1 24/64	1.403	35.624
							1 25/64	1.419	36.032
				CS100-5xx CF100-5xx	1-25/64	1-28/64	1 26/64	1.431	36.346
							1 27/64	1.443	36.659
							1 28/64	1.456	36.973
				CS100-6xx CF100-6xx	1-29/64	1-32/64	1 29/64	1.468	37.286
							1 30/64	1.480	37.600
							1 31/64	1.493	37.913
				CS100-7xx CF100-7xx	1-32/64	1-36/64	1 32/64	1.505	38.227
							1 33/64	1.517	38.541
							1 34/64	1.530	38.854
				CS100-8xx CF100-8xx	1-33/64	1-40/64	1 35/64	1.542	39.168
							1 36/64	1.554	39.481
							1 37/64	1.567	39.795
				CS100-9xx CF100-9xx	1-37/64	1-44/64	1 38/64	1.579	40.108
							1 39/64	1.591	40.422
							1 40/64	1.604	40.735
				CS100-10xx CF100-10xx	1-41/64	1-48/64	1 41/64	1.616	41.049
							1 42/64	1.628	41.362
							1 43/64	1.641	41.676
				CS100-11xx CF100-11xx	1-44/64	1-52/64	1 44/64	1.653	41.989
							1 45/64	1.665	42.303
							1 46/64	1.678	42.616
				CS100-12xx CF100-12xx	1-45/64	1-52/64	1 47/64	1.690	42.930
							1 48/64	1.703	43.244
							1 49/64	1.715	43.557
				CS100-13xx CF100-13xx	1-49/64	1-52/64	1 50/64	1.727	43.871
							1 51/64	1.740	44.184
							1 52/64	1.752	44.498

Crimp Recommendation Guide

• see pages 12-20 for Crimp products

Hose ID	Cam & Groove Coupler Part #	Cam & Groove Adapter Part #	King™ Combination Nipple Part #	Sleeve & Ferrule Part #	Hose Range		Hose OD	Crimp Diam. inches (± 0.005)	Crimp Diam. mm
					From	To			
1 1/4"	RC125EZCR	---	STC15CS RST15CS STV15CS RSTV15CS STB15CS RSTB15CS	CS125-1xx CF125-1xx	1-33/64	1-36/64	1 33/64	1.575	39.993
							1 34/64	1.587	40.299
							1 35/64	1.599	40.604
							1 36/64	1.611	40.910
				CS125-2xx CF125-2xx	1-37/64	1-40/64	1 37/64	1.626	41.299
							1 38/64	1.638	41.608
							1 39/64	1.650	41.918
							1 40/64	1.663	42.228
				CS125-3xx CF125-3xx	1-41/64	1-44/64	1 41/64	1.679	42.636
							1 42/64	1.691	42.950
							1 43/64	1.703	43.263
							1 44/64	1.716	43.577
				CS125-4xx CF125-4xx	1-45/64	1-48/64	1 45/64	1.728	43.890
							1 46/64	1.740	44.204
							1 47/64	1.753	44.517
							1 48/64	1.765	44.831
				CS125-5xx CF125-5xx	1-49/64	1-52/64	1 49/64	1.777	45.145
							1 50/64	1.790	45.458
							1 51/64	1.802	45.772
							1 52/64	1.814	46.085
				CS125-6xx CF125-6xx	1-53/64	1-56/64	1 53/64	1.827	46.399
							1 54/64	1.839	46.712
							1 55/64	1.851	47.026
							1 56/64	1.864	47.339
				CS125-7xx CF125-7xx	1-57/64	1-60/64	1 57/64	1.876	47.653
							1 58/64	1.888	47.966
							1 59/64	1.901	48.280
							1 60/64	1.913	48.593
				CS125-8xx CF125-8xx	1-61/64	2	1 61/64	1.925	48.907
							1 62/64	1.938	49.220
							1 63/64	1.950	49.534
							2	1.963	49.848
				CS125-9xx CF125-9xx	2-1/64	2-4/64	2 1/64	1.975	50.161
							2 2/64	1.987	50.475
							2 3/64	2.000	50.788
							2 4/64	2.012	51.102
				CS125-10xx CF125-10xx	2-5/64	2-8/64	2 5/64	2.024	51.415
							2 6/64	2.037	51.729
							2 7/64	2.049	52.042
							2 8/64	2.061	52.356

Crimp Recommendation Guide

• see pages 12-20 for Crimp products

Hose ID	Cam & Groove Coupler Part #	Cam & Groove Adapter Part #	King™ Combination Nipple Part #	Sleeve & Ferrule Part #	Hose Range		Hose OD	Crimp Diam. inches (± 0.005)	Crimp Diam. mm
					From	To			
1½"	150-C-AL 150-C-BR 150-C-SS RC150EZCR G150-C-ALCR G150-C-BRCR G150-C-SSCR	150-E-AL 150-E-BR 150-E-SS G150-E-ALCR G150-E-BRCR G150-E-SSCR	STC20CS RST20CS STV20CS RSTV20CS STB20CS RSTB20CS FST20CS RFST20CS	CS150-1xx CF150-1xx	1-41/64	1-44/64	1 41/64	1.726	43.842
							1 42/64	1.738	44.136
							1 43/64	1.749	44.429
							1 44/64	1.761	44.723
				CS150-2xx CF150-2xx	1-45/64	1-48/64	1 45/64	1.778	45.172
							1 46/64	1.790	45.477
							1 47/64	1.802	45.783
				CS150-3xx CF150-3xx	1-49/64	1-52/64	1 48/64	1.815	46.088
							1 49/64	1.829	46.461
							1 50/64	1.841	46.771
				CS150-4xx CF150-4xx	1-53/64	1-56/64	1 51/64	1.854	47.080
							1 52/64	1.866	47.390
							1 53/64	1.878	47.700
				CS150-5xx CF150-5xx	1-57/64	1-60/64	1 54/64	1.890	48.009
							1 55/64	1.902	48.319
							1 56/64	1.915	48.628
				CS150-6xx CF150-6xx	1-57/64	1-60/64	1 57/64	1.931	49.037
							1 58/64	1.943	49.351
							1 59/64	1.955	49.664
				CS150-6xx CF150-6xx	1-61/64	2	1 60/64	1.968	49.978
							1 61/64	1.980	50.291
							1 62/64	1.992	50.605
				CS150-7xx CF150-7xx	2-1/64	2-4/64	1 63/64	2.005	50.918
							2	2.017	51.232
							2 1/64	2.029	51.545
				CS150-8xx CF150-8xx	2-1/64	2-4/64	2 2/64	2.042	51.859
							2 3/64	2.054	52.172
							2 4/64	2.066	52.486
				CS150-8xx CF150-8xx	2-5/64	2-8/64	2 5/64	2.079	52.799
							2 6/64	2.091	53.113
							2 7/64	2.103	53.427
				CS150-9xx CF150-9xx	2-5/64	2-8/64	2 8/64	2.116	53.740
							2 9/64	2.128	54.054
							2 10/64	2.140	54.367
				CS150-9xx CF150-9xx	2-9/64	2-12/64	2 11/64	2.153	54.681
							2 12/64	2.165	54.994
							2 13/64	2.177	55.308
				CS150-10xx CF150-10xx	2-9/64	2-12/64	2 14/64	2.190	55.621
							2 15/64	2.202	55.935
							2 16/64	2.215	56.248
				CS150-10xx CF150-10xx	2-13/64	2-16/64	2 17/64	2.227	56.562
							2 18/64	2.239	56.875
							2 19/64	2.252	57.189
				CS150-11xx CF150-11xx	2-17/64	2-20/64	2 20/64	2.264	57.502
							2 21/64	2.276	57.816
							2 22/64	2.289	58.129
				CS150-11xx CF150-11xx	2-17/64	2-20/64	2 23/64	2.301	58.443
							2 24/64	2.313	58.757
2 25/64	2.325	59.070							
CS150-12xx CF150-12xx	2-21/64	2-24/64	2 26/64	2.337	59.383				
			2 27/64	2.349	59.696				
			2 28/64	2.361	60.009				

Crimp Recommendation Guide

- see pages 12-20 for Crimp products

Hose OD	Crimp Diam. inches (± 0.005)	Crimp Diam. mm	King™ Combination Nipple Part #	Sleeve & Ferrule Part #	Hose Range		Hose OD	Crimp Diam. inches (± 0.005)	Crimp Diam. mm
					From	To			
2"	200-C-AL 200-C-BR 200-C-SS RC200EZCR G200-C-ALCR G200-C-BRCR G200-C-SSCR	200-E-AL 200-E-BR 200-E-SS G200-E-ALCR G200-E-BRCR G200-E-SSCR	STC25CS RST25CS STV25CS RSTV25CS STB25CS RSTB25CS FST25CS RFST25CS	CS200-1xx CF200-1xx	2-13/64	2-16/64	2 13/64	2.278	57.872
							2 14/64	2.290	58.177
							2 15/64	2.302	58.483
							2 16/64	2.315	58.788
				CS200-2xx CF200-2xx	2-17/64	2-20/64	2 17/64	2.329	59.161
							2 18/64	2.341	59.471
							2 19/64	2.354	59.780
							2 20/64	2.366	60.090
				CS200-3xx CF200-3xx	2-21/64	2-24/64	2 21/64	2.378	60.400
							2 22/64	2.390	60.709
							2 23/64	2.402	61.019
							2 24/64	2.415	61.328
				CS200-4xx CF200-4xx	2-25/64	2-28/64	2 25/64	2.431	61.737
							2 26/64	2.443	62.051
							2 27/64	2.455	62.364
							2 28/64	2.468	62.678
				CS200-5xx CF200-5xx	2-29/64	2-32/64	2 29/64	2.480	62.991
							2 30/64	2.492	63.305
							2 31/64	2.505	63.618
							2 32/64	2.517	63.932
				CS200-6xx CF200-6xx	2-33/64	2-36/64	2 33/64	2.529	64.245
							2 34/64	2.542	64.559
							2 35/64	2.554	64.872
							2 36/64	2.566	65.186
				CS200-7xx CF200-7xx	2-37/64	2-40/64	2 37/64	2.579	65.499
							2 38/64	2.591	65.813
							2 39/64	2.603	66.127
							2 40/64	2.616	66.440
				CS200-8xx CF200-8xx	2-41/64	2-44/64	2 41/64	2.628	66.754
							2 42/64	2.640	67.067
							2 43/64	2.653	67.381
							2 44/64	2.665	67.694
				CS200-9xx CF200-9xx	2-45/64	2-48/64	2 45/64	2.677	68.008
							2 46/64	2.690	68.321
							2 47/64	2.702	68.635
							2 48/64	2.715	68.948
				CS200-10xx CF200-10xx	2-49/64	2-52/64	2 49/64	2.727	69.262
							2 50/64	2.739	69.575
							2 51/64	2.752	69.889
							2 52/64	2.764	70.202
				CS200-11xx CF200-11xx	2-53/64	2-56/64	2 53/64	2.776	70.516
							2 54/64	2.789	70.829
							2 55/64	2.801	71.143
							2 56/64	2.813	71.457
				CS200-12xx CF200-12xx	2-57/64	2-60/64	2 57/64	2.826	71.770
							2 58/64	2.838	72.084
							2 59/64	2.850	72.397
							2 60/64	2.863	72.711

Crimp Recommendation Guide

• see pages 12-20 for Crimp products

Hose ID	Cam & Groove Coupler Part #	Cam & Groove Adapter Part #	King™ Combination Nipple Part #	Sleeve & Ferrule Part #	Hose Range		Hose OD	Crimp Diam. inches (± 0.005)	Crimp Diam. mm				
					From	To							
3"	300-C-AL 300-C-BR 300-C-SS RC300EZCR G300-C-ALCR G300-C-BRCR G300-C-SSCR	300-E-AL 300-E-BR 300-E-SS G300-E-ALCR G300-E-BRCR G300-E-SSCR	STC35CS RST35CS STV35CS RSTV35CS STB35CS RSTB35CS FST35CS RFST35CS	CS300-1xx CF300-1xx	3-13/64	3-16/64	3 13/64	3.333	84.669				
							3 14/64	3.345	84.974				
											3 15/64	3.357	85.280
											3 16/64	3.370	85.585
											3 17/64	3.384	85.958
											3 18/64	3.396	86.268
											3 19/64	3.409	86.577
											3 20/64	3.421	86.887
											3 21/64	3.433	87.197
											3 22/64	3.445	87.506
											3 23/64	3.457	87.816
											3 24/64	3.470	88.125
											3 25/64	3.486	88.534
											3 26/64	3.498	88.848
											3 27/64	3.510	89.161
											3 28/64	3.523	89.475
											3 29/64	3.535	89.788
											3 30/64	3.547	90.102
											3 31/64	3.560	90.415
											3 32/64	3.572	90.729
											3 33/64	3.584	91.042
											3 34/64	3.597	91.356
											3 35/64	3.609	91.669
											3 36/64	3.621	91.983
											3 37/64	3.634	92.296
											3 38/64	3.646	92.610
											3 39/64	3.658	92.924
											3 40/64	3.671	93.237
											3 41/64	3.683	93.551
											3 42/64	3.695	93.864
											3 43/64	3.708	94.178
											3 44/64	3.720	94.491
											3 45/64	3.732	94.805
											3 46/64	3.745	95.118
											3 47/64	3.757	95.432
											3 48/64	3.770	95.745
											3 49/64	3.782	96.059
											3 50/64	3.794	96.372
											3 51/64	3.807	96.686
											3 52/64	3.819	96.999
											3 53/64	3.831	97.313
											3 54/64	3.844	97.626
											3 55/64	3.856	97.940
											3 56/64	3.868	98.254
											3 57/64	3.881	98.567
											3 58/64	3.893	98.881
											3 59/64	3.905	99.194
											3 60/64	3.918	99.508
											3 61/64	3.930	99.821
											3 62/64	3.942	100.135
											3 63/64	3.955	100.448
											4	3.967	100.762
											4 1/64	3.979	101.075
											4 2/64	3.992	101.389
											4 3/64	4.004	101.702
											4 4/64	4.016	102.016
											4 5/64	4.029	102.329
											4 6/64	4.041	102.643
											4 7/64	4.053	102.957
											4 8/64	4.066	103.270
											4 9/64	4.078	103.584
											4 10/64	4.090	103.897
											4 11/64	4.103	104.211
											4 12/64	4.115	104.524

Crimp Recommendation Guide

• see pages 12-20 for Crimp products

Hose ID	Cam & Groove Coupler Part #	Cam & Groove Adapter Part #	King™ Combination Nipple Part #	Sleeve & Ferrule Part #	Hose Range		Hose OD	Crimp Diam. inches (± 0.005)	Crimp Diam. mm				
					From	To							
4"	400-C-AL 400-C-BR 400-C-SS RC400EZCR G400-C-ALCR G400-C-BRCR G400-C-SSCR	400-E-AL 400-E-BR 400-E-SS G400-E-ALCR G400-E-BRCR G400-E-SSCR	STC40CS RST40CS STV40CS RSTV40CS STB40CS RSTB40CS FST40CS RFST40CS	CS400-1xx CF400-1xx	4-13/64	4-16/64	4 13/64	4.333	110.069				
							4 14/64	4.345	110.374				
											4 15/64	4.357	110.680
											4 16/64	4.370	110.985
								CS400-2xx CF400-2xx	4-17/64	4-20/64	4 17/64	4.384	111.358
											4 18/64	4.396	111.668
											4 19/64	4.409	111.977
											4 20/64	4.421	112.287
											4 21/64	4.433	112.597
											4 22/64	4.445	112.906
								CS400-3xx CF400-3xx	4-21/64	4-24/64	4 23/64	4.457	113.216
											4 24/64	4.470	113.525
											4 25/64	4.486	113.934
											4 26/64	4.498	114.248
											4 27/64	4.510	114.561
											4 28/64	4.523	114.875
								CS400-4xx CF400-4xx	4-25/64	4-28/64	4 29/64	4.535	115.188
											4 30/64	4.547	115.502
											4 31/64	4.560	115.815
											4 32/64	4.572	116.129
											4 33/64	4.584	116.442
											4 34/64	4.597	116.756
								CS400-5xx CF400-5xx	4-29/64	4-32/64	4 35/64	4.609	117.069
											4 36/64	4.621	117.383
											4 37/64	4.634	117.696
											4 38/64	4.646	118.010
											4 39/64	4.658	118.324
											4 40/64	4.671	118.637
								CS400-6xx CF400-6xx	4-33/64	4-36/64	4 41/64	4.683	118.951
											4 42/64	4.695	119.264
											4 43/64	4.708	119.578
											4 44/64	4.720	119.891
											4 45/64	4.732	120.205
											4 46/64	4.745	120.518
								CS400-7xx CF400-7xx	4-37/64	4-40/64	4 47/64	4.757	120.832
											4 48/64	4.770	121.145
											4 49/64	4.782	121.459
											4 50/64	4.794	121.772
											4 51/64	4.807	122.086
											4 52/64	4.819	122.399
								CS400-8xx CF400-8xx	4-41/64	4-44/64	4 53/64	4.831	122.713
											4 54/64	4.844	123.026
											4 55/64	4.856	123.340
											4 56/64	4.868	123.654
											4 57/64	4.881	123.967
											4 58/64	4.893	124.281
								CS400-9xx CF400-9xx	4-45/64	4-48/64	4 59/64	4.905	124.594
											4 60/64	4.918	124.908
											4 61/64	4.930	125.221
											4 62/64	4.942	125.535
											4 63/64	4.955	125.848
											5	4.967	126.162
				CS400-10xx CF400-10xx	4-49/64	4-52/64	5 1/64	4.979	126.475				
							5 2/64	4.992	126.789				
							5 3/64	5.004	127.102				
							5 4/64	5.016	127.416				
							5 5/64	5.029	127.729				
							5 6/64	5.041	128.043				
				CS400-11xx CF400-11xx	4-53/64	4-56/64	5 7/64	5.053	128.357				
							5 8/64	5.066	128.670				
							5 9/64	5.078	128.984				
							5 10/64	5.090	129.297				
							5 11/64	5.103	129.611				
							5 12/64	5.115	129.924				

Crimp Recommendation Guide

• see pages 12-20 for Crimp products

Hose ID	Cam & Groove Coupler Part #	Cam & Groove Adapter Part #	King™ Combination Nipple Part #	Sleeve & Ferrule Part #	Hose Range		Hose OD	Crimp Diam. inches (± 0.005)	Crimp Diam. mm
					From	To			
6"	600-C-AL 600-C-BR 600-C-SS RC600EZCR G600-C-ALCR G600-C-BRCR G600-C-SSCR	600-E-AL 600-E-BR 600-E-SS G600-E-ALCR G600-E-BRCR G600-E-SSCR	STC60CS RST60CS STV60CS RSTV60CS STB60CS RSTB60CS FST60CS RFST60CS	CS600-1xx CF600-1xx	6-21/64	6-28/64	6 21/64	6.504	165.200
							6 22/64	6.516	165.510
							6 23/64	6.528	165.819
							6 24/64	6.541	166.129
							6 25/64	6.553	166.438
							6 26/64	6.565	166.748
				CS600-2xx CF600-2xx	6-29/64	6-36/64	6 27/64	6.577	167.057
							6 28/64	6.589	167.367
							6 29/64	6.606	167.792
							6 30/64	6.618	168.105
							6 31/64	6.631	168.419
							6 32/64	6.643	168.732
				CS600-3xx CF600-3xx	6-37/64	6-44/64	6 33/64	6.655	169.046
							6 34/64	6.668	169.359
							6 35/64	6.680	169.673
							6 36/64	6.692	169.986
							6 37/64	6.705	170.300
							6 38/64	6.717	170.613
				CS600-4xx CF600-4xx	6-45/64	6-52/64	6 39/64	6.729	170.927
							6 40/64	6.742	171.240
							6 41/64	6.754	171.554
							6 42/64	6.766	171.868
							6 43/64	6.779	172.181
							6 44/64	6.791	172.495
				CS600-5xx CF600-5xx	6-53/64	6-60/64	6 45/64	6.803	172.808
							6 46/64	6.816	173.122
							6 47/64	6.828	173.435
							6 48/64	6.841	173.749
							6 49/64	6.853	174.062
							6 50/64	6.865	174.376
				CS600-6xx CF600-6xx	6-61/64	7-4/64	6 51/64	6.878	174.689
							6 52/64	6.890	175.003
							6 53/64	6.902	175.316
							6 54/64	6.915	175.630
							6 55/64	6.927	175.943
							6 56/64	6.939	176.257
				CS600-7xx CF600-7xx	7-5/64	7-12/64	6 57/64	6.952	176.570
							6 58/64	6.964	176.884
							6 59/64	6.976	177.198
							6 60/64	6.989	177.511
							6 61/64	7.001	177.825
							6 62/64	7.013	178.138
				CS600-8xx CF600-8xx	7-13/64	7-20/64	6 63/64	7.026	178.452
							7	7.038	178.765
							7 1/64	7.050	179.079
							7 2/64	7.063	179.392
							7 3/64	7.075	179.706
							7 4/64	7.087	180.019
				CS600-9xx CF600-9xx	7-21/64	7-28/64	7 5/64	7.100	180.333
							7 6/64	7.112	180.646
							7 7/64	7.124	180.960
							7 8/64	7.137	181.273
							7 9/64	7.149	181.587
							7 10/64	7.161	181.901
CS600-8xx CF600-8xx	7-13/64	7-20/64	7 11/64	7.174	182.214				
			7 12/64	7.186	182.528				
			7 13/64	7.198	182.841				
			7 14/64	7.211	183.155				
			7 15/64	7.223	183.468				
			7 16/64	7.236	183.782				
CS600-9xx CF600-9xx	7-21/64	7-28/64	7 17/64	7.248	184.095				
			7 18/64	7.260	184.409				
			7 19/64	7.273	184.722				
			7 20/64	7.285	185.036				
			7 21/64	7.297	185.349				
			7 22/64	7.310	185.663				
CS600-9xx CF600-9xx	7-21/64	7-28/64	7 23/64	7.322	185.976				
			7 24/64	7.334	186.290				
			7 25/64	7.347	186.603				
			7 26/64	7.359	186.917				
			7 27/64	7.371	187.231				
			7 28/64	7.384	187.544				

Crimp PTFE Hose Fittings Recommendation Guide

- see pages 797-801 for PTFE hose fittings

100R14 Nominal Smooth Bore

Hose Part #	Crimp Collar Part #	Crimp Diameter inches (± 0.005)	Crimp Diam. mm
WSB-03 BSB-03	CSC-03-03 SSC-03-03	.300 / .310	
WSB-04 BSB-04	BRC-04-04 CSC-04-04 SSC-04-04	.325 / .335	
WSB-05 BSB-05	BRC-05-05 CSC-05-05 SSC-05-05	.395 / .405	
WSB-06 BSB-06	BRC-06-06 CSC-06-06 SSC-06-60	.471 / .480	
WSB-08 BSB-08	BRC-08-08 CSC-08-08 SSC-08-08	.575 / .585	
WSB-10 BSB-10	BRC-10-10 CSC-10-10 SSC-10-10	.685 / .695	
WSB-12 BSB-12	BRC-12-12 CSC-12-12 SSC-12-12	.790 / .800	
WSB-16 BSB-16	BRC-16-16 CSC-16-16 SSC-16-16	1.070 / 1.080	
WSB-20Z BSB-20Z	BRC-20Z-20 CSC-20Z-20 SSC-20Z-20	1.420 / 1.430	

Convoluted Hose Crimp Collar

Hose Part #	Crimp Collar Part #	Crimp Diameter inches (± 0.005)	Crimp Diam. mm
WOC-T04 BOC-T04	CSC-T04-1 SSC-T04-1	.503 / .513	
WOC-T06 BOC-T06	CSC-T06-1 SSC-T06-1	.645 / .655	
WOC-T08 BOC-T08	CSC-T08-1 SSC-T08-1	.794 / .804	
WOC-T10 BOC-T10	CSC-T10-1 SSC-T10-1	.982 / .992	
WOC-T12 BOC-T12	CSC-T12-1 SSC-T12-1	1.035 / 1.045	
WOC-T16 BOC-T16	CSC-T16-1 SSC-T16-1	1.357 / 1.367	
WOC-T20 BOC-T20	CSC-T20-1 SSC-T20-1	1.649 / 1.659	
WOC-T24 BOC-T24	CSC-T24-1 SSC-T24-1	1.904 / 1.914	
WOC-T32 BOC-T32	CSC-T32-1 SSC-T32-1	2.397 / 2.407	

True ID Smooth Bore Hose Crimp Collar

Hose Part #	Crimp Collar Part #	Crimp Diameter inches (± 0.005)	Crimp Diam. mm
WTB-T04 BTB-T04	CSC-T04-2 SSC-T04-2	.503 / .513	
WTB-T06 BTB-T06	CSC-T06-2 SSC-T06-2	.633 / .643	
WTB-T08 BTB-T08	CSC-T08-2 SSC-T08-2	.802 / .812	
WTB-T12 BTB-T12	CSC-T12-2 SSC-T12-2	1.035 / 1.045	
WTB-T16 BTB-T16	CSC-T16-2 SSC-T16-2	1.326 / 1.336	
WTB-T24Z BTB-T24Z	CSC-T24-2 SSC-T24-2	1.932 / 1.942	

Crimp PTFE Hose Fittings Recommendation Guide

• see pages 797-801 for PTFE hose fittings

Standard Nominal Smooth Bore Crimp Collar

Hose Part #	Crimp Collar Part #	Crimp Diameter inches (± 0.005)	Crimp Diam. mm
WSB-03 BSB-03	CSC-03-03 SSC-03-03	.300 / .310 0.305	
WSB-04 BSB-04	BRC-04-04 CSC-04-04 SSC-04-04	.325 / .335 0.34	
WSB-05 BSB-05	BRC-05-05 CSC-05-05 SSC-05-05	.395 / .405 0.4	
WSB-06 BSB-06	BRC-06-06 CSC-06-06 SSC-06-60	.471 / .480 0.475	
WSB-06T BSB-06T	---	.540/.550	
WSB-08 BSB-08	BRC-08-08 CSC-08-08 SSC-08-08	.575 / .585 0.58	
WSB-10 BSB-10	BRC-10-10 CSC-10-10 SSC-10-10	.685 / .695 0.69	
WSB-12 BSB-12	BRC-12-12 CSC-12-12 SSC-12-12	.790 / .800 0.83	
WSB-12T BSB-12T	---	.970/.980	
WSB-16 BSB-16	BRC-16-16 CSC-16-16 SSC-16-16	1.070 / 1.080 1.075	
WSB-16T BSB-16T	---	1.190/1.200	
WSB-20Z BSB-20Z	BRC-20Z-20 CSC-20Z-20 SSC-20Z-20	1.420 / 1.430 1.42	

Convuluted Hose Crimp Collar

Hose Part #	Crimp Collar Part #	Crimp Diameter inches (± 0.005)	Crimp Diam. mm
WOC-T04 BOC-T04	CSC-T04-1 SSC-T04-1	.503/.513	
WOC-T06 BOC-T06	CSC-T06-1 SSC-T06-1	.645 / .655	
WOC-T08 BOC-T08	CSC-T08-1 SSC-T08-1	.794 / .804	
WOC-T10 BOC-T10	CSC-T10-1 SSC-T10-1	.982 / .992	
WOC-T12 BOC-T12	CSC-T12-1 SSC-T12-1	1.035 / 1.045	
WOC-T16 BOC-T16	CSC-T16-1 SSC-T16-1	1.357 / 1.367	
WOC-T20 BOC-T20	CSC-T20-1 SSC-T20-1	1.649 / 1.659	
WOC-T24 BOC-T24	CSC-T24-1 SSC-T24-1	1.904 / 1.914	
WOC-T32 BOC-T32	CSC-T32-1 SSC-T32-1	2.397 / 2.407	

True ID Smooth Bore Crimp Collar

Hose Part #	Crimp Collar Part #	Crimp Diameter inches (± 0.005)	Crimp Diam. mm
WTB-T04 BTB-T04	CSC-T04-2 SSC-T04-2	.503 / .513	
WTB-T06 BTB-T06	CSC-T06-2 SSC-T06-2	.633 / .643	
WTB-T08 BTB-T08	CSC-T08-2 SSC-T08-2	.802 / .812	
WTB-T12 BTB-T12	CSC-T12-2 SSC-T12-2	1.035 / 1.045	
WTB-T16 BTB-T16	CSC-T16-2 SSC-T16-2	1.326 / 1.336	
WTB-T24Z BTB-T24Z	CSC-T24-2 SSC-T24-2	1.932 / 1.942	

Glossary of Terms

A

ANSI	American National Standards Institute, Inc.
API	American Petroleum Institute
ASME	American Society of Mechanical Engineers
ASTM	American Society for Testing and Materials
Anodize	A process for aluminum, similar to zinc or chrome plating steel, in which an aluminum part is electrically charged then, dipped in various chemicals to produce various colors and/or surface hardness.

B

Burst Pressure	The pressure at which rupture occurs.
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C

Chamfer	To cut an angle on the hose tube to aid in stem insertion and to prevent the hose end from flaring when a stem is inserted.
Clamp	A metal fitting, band or wire used around the outside of a hose end to secure a coupling, fitting or nipple.
Cold Flow	Continued deformation or movement of rubber under stress.
Compression Set	The deformation that remains in rubber after it has been subjected to and released from stress such as a clamp. The longer the stress is maintained the more definitive the deformation.
Coupling	A device at the end or ends of a length of hose that allows a connection to be made.
Crimping	The act of forming the metal sleeve or ferrule of a hose fitting with a surrounding series of die segments to compress the hose within the fitting. The crimping process changes the shape of the entire circumference and length simultaneously. Often interchanged with the term "swaged".

D

Durometer	An instrument for measuring the hardness of rubber.
Durometer Hardness	A numerical value which indicates the resistance to indentation of the blunt indenter of the durometer.

E

Elastomer	Any of various elastic substances resembling rubber.
Expansion Ring	Typically refers to a type of fire hose couplings that are attached by expanding a sleeve (usually brass) outward to compress the hose against the wall of the bowl of the coupling.
External Swage (Swaging)	A ferrule is passed through a reducing die, usually split, to bring the ferrule OD down to a predetermined size (for proper coupling retention) forcing the hose tube down into the stem serrations.

F

Ferrule	A collar placed over a hose end to attach the fitting to the hose. The ferrule may be crimped swaged, forcing the hose against the shank of the coupling, or the shank may be expanded, forcing the hose out against the ferrule, or both.
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Glossary of Terms

G

Gripping Finger The part of the clamp that goes over and behind the stem collar to aid in clamp retention.

H

Hard Coat An anodizing process in which the surface hardness of aluminum becomes similar to or greater than that of case hardened steel.

I

Internal Expansion (IX) A plug (or bullet) is pulled through a stem or a set of blades (fingers) increase the stem ID to the plug OD or a predetermined setting when using expansion blades (fingers). This forces the stem serrations into the hose tube and the hose cover into the serrations of the ferrule.

J

JIC Joint Industrial Committee

JIC Thread Typically refers to the threads on hydraulic fittings having 37° conical sealing surfaces.

M

MSHA Mine Safety and Health Administration

N

NSF/ANSI Standard 61 Drinking Water System Components was published in 1988 to establish minimum requirements for the control of potential adverse human health effects from products that contact drinking water.

Nipple The section of the fitting that is inserted into the hose. Also known as the shank of a coupling.

Nominal A dimensional value assigned for the purpose of convenient designation.

O

Operating Pressure The pressure at which system functions, also known as Working Pressure

P

PSI Pounds per square inch

PSIG Pounds per square inch gauge

Perlast® Perfluoroelastomer (FFKM) is the most chemically resistant elastomer available and is effectively a rubber form of PTFE. Perlast® perfluoroelastomer grades provide other properties which prove most valuable in critical sealing applications where purity, high temperatures and retention of sealing force are paramount.

Permanent Fitting The type of fitting which, after it is applied, cannot be removed for reuse.

Polymer A macromolecular material formed by the chemical combination of monomers having the same or different chemical composition.

Proof Pressure A specified pressure which exceeds the hose assemblies rated working pressure to indicate its reliability at normal working pressure. Follow RMA's testing guidelines for specific pressures and duration's for various types of hose.

PTFE Versatile polymer, polytetrafluoroethylene

R

RMA Rubber Manufacturers Association

Reusable Fitting The type of fitting that is designed to be removed from a hose and recoupled on another hose.

Glossary of Terms

S

SAE	Society of Automotive Engineers
SAE Threads	Similar to JIC except 45° conical sealing surfaces
SCFM	Standard Cubic Feet per Minute. Typically refers to the amount of compressed air a compressor can produce.
Safety Factor	A ratio used to establish the working pressure of a hose based upon the burst pressure. Typical Safety Factors are as follows: <ol style="list-style-type: none"> 1. Water hose up to 150 psi WP: 3 to 1 2. Hose for all other liquids, solid materials suspended in liquids or air and water hose over 150 psi WP: 4 to 1 3. Hose for compressed air and other gases: 4 to 1 4. Hose for liquid media that immediately changes into gas under standard atmospheric conditions: 5 to 1 5. Steam hose: 10 to 1
Serration	The part of the shank (stem) that grips the hose tube.
Shank	The section of the fitting or coupling that is inserted into the hose.
Sintered	Process in which powdered metal is formed in a mold under extreme pressure to form a finished part.
Styrene Butaline Rubber	Also known as SBR
Surge	A rapid rise and decrease of internal pressure.

T

Torque	Amount of force required to turn an object. Usually measured in inch pounds (in. lbs.) or foot pounds (ft. lbs.)
Tube	The innermost part of the hose that's purpose is to contain the media being transported. Usually, rubber compounds or plastics are blended to give the tube specific properties so that it is compatible with certain media.

U

UHMW	Ultra High Molecular Weight. Next generation of chemical hoses after cross-linked polyethylene having a thin tube liner made from extremely dense material giving it excellent chemical resistance properties.
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V

Victaulic Groove	A style of couplings that has a groove cut near the end of the stem where threads would typically be. The couplings are attached using a "C" shaped clamp that fits into the grooves on the stem.
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W

WOG	Water, Oil, Gas. Pressure rating for valves handling these products. This does not include steam.
WP	Working Pressure
Working Pressure	The maximum pressure to which a hose assembly will be subjected to including pressure surges.

X

XLPE	Cross-Linked Polyethylene tube material that has good chemical resistance properties.
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	Page #		Page #		Page #	
Index		<i>Adapters, continued</i>		<i>Air, continued</i>		
		Nipple	750	with Watts filter	141	
		Oxy-acetylene	363	Sharkbite® push-fit fittings	318, 319	
	A		Pipe	235, 238, 241, 262, 264, 266, 750	Tool lubricant	156
			Polycarbonate		Valves	134, 142, 158-160, 695-715
	Adapters		Rocker lug	594	Wilkerson combo unit w/ frame	141
	Aviation	94	Reducing	749	Air Chief	
	Bayonet style dry disconnect	764	Rubber hose	458, 497	A Series	152
	Bevel seat	480	Sanitary	458-460, 480, 488, 497, 502	Ball swivel connectors	
	Boss™	112	Side seal	757	with Air chief plugs	143
	Brass		Steam service	109	Quick disconnect	144-147
	Pin lug	85, 579, 580, 583, 586, 587, 594, 595, 597, 600, 604	Tank transport	763	Stainless steel	144-147
	Rocker lug	583, 588, 595, 597, 599, 600	TTMA flange	782	Air King™	
	Brewery hose	458	Tuff-Lite	373	Clamps	124
	British instantaneous	602, 603	with grounding tab	59	Compressor Y	125
	Cam and groove	12, 13, 28, 29, 34, 35, 42, 43, 47-58, 60, 68-72, 81, 82, 84-85	Adjustable hose bumper stops	172	Ferrules	124, 125
	Compression	182	Aero-seal	381, 382	Global	123, 124
	Double male	582-584	Agricultural		Global 4-lug	123
	Drum thread	695	Bauer quick connects	306-309	Lanyards	126
	Dry disconnect	92, 96	Check valves	429	Safety clip	126
	Dry gas	98	Air		Safety pin	126
	Female to male	591-594, 650	Blow guns	161-165	Stainless steel clip	126
	Fill pipe	759	Brake fittings	204-207	Universal couplings	122, 123
Flange	728, 749	Check valves	142, 160, 528-530, 712-714	Universal swivels	125	
Flareless bite fittings	426, 427	Couplings	119, 120, 122-124, 127, 128, 130-134	Washers	126	
Forestry	665	Dryers, desiccant	259	with ferrules	125	
GHT	341	Gauges, process	275	with gauge port	125	
Gravity drop	760	Hose, polyurethane	166	Air line		
Grooved	750	Hose reel, manual	172	Shut-off valves	158, 236, 238, 241, 713, 714	
Hydrant	70	Hose reel, retractable	171	Swivels	169, 170	
Hydraulic	408	Hose, self-storing	166, 167	Aluminum		
LIQUIfit™	315	In-line lubricator base	137	Adapters		
LP gas hose	119-121	LIQUIfit™ fittings	313-316	Long handle	603, 606, 607	
		Receiver manifold, ASME	140	Rocker lug	606, 607	
				Cam and groove adapters	85, 604	

	Page #		Page #		Page #
<i>Aluminum, continued</i>					
Caps	612	Automotive quick disconnects	143, 149,	Blow guns	
Breakable	616	150		Extended nozzle	165
Drum gate valves	695	Aviation, dry couplings	93, 94	Extensions	162
Hydrant booster	559	Axe	663	High volume	163, 164
Manifolds	563	Axial restraint pipe couplings	720	Pistol grip	165
Manifolds connectors	157	B		Premium	161
Nozzles		Back flow preventer	336	Safety	164–165
Street cleaning	622	Backflow preventer	674	Safety air booster	161
Plugs	614	Ball		Typhoon	164
Storz		Check valves	529	Boss-Lock™	
Adapters	606, 607, 609	Cone check valves	712	Cam and groove	12, 31, 32, 35-46, 48,
Bracket	610	Full flow	686, 687, 773, 774	49, 51, 52, 54, 55, 60, 61, 70-72, 74-77	
Caps	610	Nozzles	765	EZ Boss-Lock™	12, 31, 32, 37, 39,
Gaskets	610	Seat, female	350	41, 45, 48, 54, 55, 61, 70, 72, 76	
Rigid	605, 608	Shut-off	625, 626	Boss™	
Swivels	606, 607	Swivel connector		Adapters	112
Valves		with Air Chief plugs	143	Assembly information	110
Ball	561–563	Swivels	169, 321, 350	Clamps	108, 116, 117
Butterfly	564	Valves	316, 317, 430, 678–690, 692,	Fittings wth ferrules	112
Gate	556–559	693, 696–706, 773–804		Ground joint knurled nut	111
ANSI split flange adapter	749	150# flanged	689	Ground joint seal couplings	111, 113
Anti-freeze lubricant	156	Bronze	678, 679	Hose menders	115
API		Band clamp		Male stems	115
Certified couplings	445	Band and buckle	389	Spud x hose shank	115
Couplers	64, 67, 783	Set screw	389	Washer seal couplings	113, 114
Dust cap	760	F series	385	Wing nut caps	112
Rack cords	784	K series	386	Boss™ LPS	
Valves	67, 783	Smooth ID	387	Hammer union caps and plugs	27
ARO-speed quick disconnects	151	Tools	388, 389	One-piece 150# flange to weld adapters	27
ASA flange		Barbed push-on fittings	145, 146, 148-153,	One-piece flange adapters	26
Quick-connect	307, 310		355–358	One-piece hammer union nuts	24
ASME air receiver manifold	140, 141	Bayonet style dry disconnects	764	Two-piece hammer union nuts	24
Automatic		Bell reducers	749	Vent-lock™ cam and groove couplings	
Drain	232	Bent stem swivels	170		28, 29, 31
Safety couplers	148	Bevel seat fittings	477–481	Brass	
Automatic drain vent valve	554			Adapters	737

Description Index

	Page #		Page #		Page #
<i>Brass, continued</i>		<i>Brass, continued</i>		<i>Brass, continued</i>	
Pin lug	85, 579, 580, 586, 594, 595, 597, 600, 604	Inserts	183, 346-347	Push-on male NPT hose barb	366
Rocker lug	583, 588, 595, 597, 599, 600	Jack chains with S-hooks	77	Reducer bushings - NPT	367
Ball valves	681, 682, 700, 701, 704, 705	Lead free fittings	364-368	Reducer couplers - NPT	367
Barbed hose fittings	120, 133, 134, 145-153, 299, 304, 324, 325, 338, 339, 346-350, 355-358, 374	90° Elbow - NPT	364	Solid hex head plug - NPT	365
Boss™		90° female pipe elbows - NPT	366	Street tee - NPT	367
Clamps	116, 117	90° street elbows - NPT	366	Lever external drains	159
Ground joints	113	Adapters - NPT	367	Long shank fittings	304
Male stems	115	Close pipe nipple - NPT	365	LP gas hose couplings and adapters	119, 120
Caps	611	Female garden hose swivel fittings	368	Male swivel inserts	349
Caps and plugs	613, 614	Female hex couplings - NPT	367	Menders	299
Combination nipples	285	Female hose barb - solid - NPT	364	Monitors	622
Compression fittings	180-183	Female hose x female hose swivel	368	Needle valves	159
Connections	567	Female hose x female pipe NPT swivel	367	Nickel plated push-in fittings	188, 189, 191, 192
Roof	572-574	Female pipe tees - NPT	366	Nipples	Double male hex 582-584 Female to male hex 591-594, 650
Connectors	177, 180, 184, 188, 189, 198-201, 203, 204	Female swivel hose barb - dual angle seat	364	Washdown	617
Domestic	594, 595, 597	Hose barb tee splicer	365	Nozzles	Adjust-A-Power 620 Ball shutoff 618 Fog 617-621 Garden hose 620 Master Stream 622 Monitor 622 Plain hose 619 Rack 619 U.S. Coast Guard Approved 621
Dual lock	133, 134	Hose splicer	365		
Elbows	178, 179, 181, 185, 188-191, 198-200, 202, 205, 319, 345, 347, 348, 355	Long pipe nipple - NPT	365		
External drain cocks	159	Male branch tees - NPT	366		
Ferrules	351, 363	Male garden hose	368		
Flare	177-179	Male hex nipples - NPT	367		
Gauges	275, 279	Male hose barb - NPT	364		
Hex nipples	582, 583, 591-594, 599, 650	Male hose x female pipe adapter	368		
Hex plugs	342, 738	Male hose x male hose x female pipe	368		
Hydrant adapters	586, 587	Male hose x male pipe adapter	368		
Hydrant body	576, 577	Male hose x male pipe x female pipe	368		
Identification plates	575	Pipe cap - NPT	365		
		Push-on female swivel hose barb - dual angle	366		

	Page #		Page #		Page #
<i>Brass, continued</i>				<i>Cam and groove, continued</i>	
Short shank fittings	300, 301	Bulkhead fittings	342, 741	Handles	69, 75, 76, 83
Sidewalk assemblies	571	Bull plugs	718	Hydrant adapters	70
Sleeves	183	Bull plugs with tap	718	Jump size	47, 48, 50, 51, 84
Swivels	595, 597, 600	Butterfly valves	524-526, 709-711, 750	Locking caps	48
Tees	179, 182, 186, 188, 189, 191, 198-200, 202, 203, 206, 319, 345, 348, 734	Valves		Notched fittings	71-73
Threaded unions	178, 342, 731	Butterfly	527	Phonograph finish	70
Turbo garden hose nozzle	330	Buttweld fittings	60-61, 488, 493, 497	Polypropylene	86, 87
Valves		C		Port on lug	47
Adj. press. restricting device	545	Cables		Pull ring	76
Adjustable angle	544	King™	138, 139	RailCar unloading assemblies	64
Angle	545-547	Cam and groove		Reducing cplrs. & adps.	47, 48, 50, 51, 84
Chicago pattern	549	Actuator style	97	Screen	62
Drip	549	Adapters	12, 13, 28, 29, 31, 34, 35, 42, 43, 49, 50-55, 57-60, 66, 68, 70, 72, 73, 81, 82, 84-86, 96, 752	Specialty items	56
Gate	550-553	Boss™ LPS	28, 29, 31	Spool adapters	49, 84
Pressure reducing	540-543	Clips and lanyards	75-77, 126	Spool couplers	49, 84
Sprinkler hose	554	Couplers	12, 13, 28, 29, 31, 32, 34, 36-41, 44-55, 58, 59, 61, 72, 73, 75, 76, 81, 82, 83, 85, 87, 95, 604, 761	Strap-grip	74, 390
Straight globe	548	Crimped fittings	12-17, 19, 23, 32, 38, 39, 42, 290, 292-295	Swaged	71
Wharf hydrant	676	Crimp sleeves	14, 15, 292, 293	Tank car fittings	62, 63, 68, 69
Wall plate	578	Disk strainers	76	TTMA slip on x socket flange	57, 66
Water regulators	210, 251	Dry disconnect	64, 95, 96	Vapor recovery couplers	59, 785
Wyes		Dust caps	28, 29, 31, 44, 45, 48, 83, 87	Velcro straps	77
¼ turn ball type	555	Dust plugs	28, 29, 31, 46, 83, 86 with pull handle 46	Vent-Lock™	28, 29, 31
¼ turn plug type	555	Elbows	52-54, 86, 87	Welding fittings	60, 61 butt weld to tube 60
Plain	552	Flanged couplers and adapters	55, 57, 58, 62, 66	Witches hat strainers	76
Break-away coupling		Flanges	84	Caps	
Industrial	89	Gaskets	58, 69, 78-80	Aluminum	612, 616, 762
Marine	88	Global	13, 32, 81-84	API, dust	760
Breakaway coupling				Blank end	750
Bevel seat	481			Boss™ wing nut	112
Clamps	465			Brass	611
Breakaways	89, 782			Breakable	616
TTMA	89, 782			British instantaneous	603
Breather vents	154			Dix-Lock™	132
Broom, water	331			Dust	761

Description Index

	Page #		Page #		Page #
<i>Caps, continued</i>		<i>Check valves, continued</i>		<i>Clamps, continued</i>	
Dust, cam and groove	29, 33, 44, 45, 48, 75, 83, 87	Swing	714	Marine grade	381
Dust, hydraulic	395-402	TrueSeal™	317	Worm gear racks	384
Fill pipe	759	Uni-directional	195	Claw type fittings	122-125
Hammer union	27	Chicago type fittings	122-126, 140	Cleaning	
Hydrant, iron	614	Clamps 378-387, 391-394, 405, 406, 433		Lava, heavy duty hand soap	791
Instrumentation	176	3 segment	453	Close nipples	260, 344, 742
Lockable	48	Accessories	388	Coil-Chief	167
Lok-on	358	Aero-Seal®	381, 382	Combination nipples	18-20, 285-287, 290, 291, 297
LP gas	121	Air King™	124	Global	287
Nylon	376, 761	Band	385, 386	Sleeves	288
Pipe	736, 738, 740	Bolted	391, 393, 394	Combination units	
Plastic	615	Boss™	108, 116, 117	Series 1	258, 259
Polycarbonate	616	Center punch	385, 387	Watts	272
Sanitary 457, 473-475, 479, 485, 488, 502, 510, 539		Constant torque	383	Wilkerson	212, 227-231
Specialty	614	Construction kit	379	Composite mini ball valves	193
Stainless steel	614	Dairy	454	Compound gauges	281
Tank transport	763	Double bolt	391	Compression bibb faucet	694
Thermoplastic	615	HTM Hi Torque	383	Compression fittings	180-183
Universal hose	615	Hydraulic	406	Compressor Y valve	125
Vacuum relief	775	Kits	384	Conical mufflers/filters	154
Vapor	761	Pinch-on	378	Connections	
Vent	775	Quick release	384	Brass	567
Carded FRL's	244	Racks	384	Concealed type	571
Chains		Sanitary 452-454, 483, 487		International shore	676, 727
Jack	614	Sanitary accessories	454	Roof	572-574
Check valves	549	Service kit	379	Siamese	568-570
800 PSI stainless steel	712	Single bolt	391	Single inlet	567
Air relief check valves		Smooth ID	387	Connectors, push-in	184-192, 198-203, 318-319
Dimensions	531	Spiral	392	Constant flow nozzle	623
Ball cone	712	Stepless ear	379	Constant torque clamps	383
In-line	194, 195	Strap-grip	74, 390	Continuous spring guard	796
Safety	142	T-bolt	393, 394, 453	Contractor pressure gauges	277
Series C	160, 429	Toggle	453	Couplers	785
Spring loaded	713	Tools	379, 388, 389	API	67, 783
		Wave seal	382		
		Worm gear	380, 384		

Description Index

	Page #		Page #		Page #
<i>Couplers, continued</i>		<i>Couplings, continued</i>			
Bayonet style dry disconnect	764	Quick release	746	Drip leg auto drain	260
Legris	148	Rigid	746	Drum faucets	694
Parker E-z-mate	148	Standard	744	Drum plug wrench	694
Quick connect	146, 147, 150-153	Straub	720, 721	Dry	
with grounding tab	59	Crimp		Aviation	93, 94
Coupling		Collars	801	Desiccant air	259
Air King™ quick-acting	124	Crimped fittings		Gas	98
Air King™ universal	122	Cam and groove	12-17, 23, 32, 38, 42, 290, 292-295	Gauges	275-278
Bayonet style dry disconnect	764	King™ combination	285–287, 290	Quick disconnects	64, 91, 92, 764
Cam and groove	12, 13, 28, 29, 31, 34, 36-41, 44-55, 58, 59, 61, 72, 73, 81-84, 87, 95-97	Sanitary	450, 451	Dryers	
Dix-Lock™ quick acting	130-132	DIN external crimp stem	450	Desiccant air	218
Dry quick disconnects	88–98	True ID	800, 801	Dry hydrant	
Dual Lock quick-acting	133, 134	Crimping tools	352, 353	Low level strainer	667
Equipment	434, 446	Crows foot type fittings	122–125	Strainers	667–671
Global Air King™ quick-acting	123	D		Dual Lock	
Global Air King™ universal	123	Desiccant dryer, FRL	218, 259	Flanged knurled locking	134
Ground joint	110, 118	Diameter tape	791	Gaskets	133
Hydraulic	395–406	Differential pressure indicator	236	Locking key	133
Insertor	789	Diffuser	552	Quick-acting couplings	133, 134
Long shank	303, 304	Digital gauges	282	with ferrule	134
LP gas hose	119-121	DIN fittings	473	Dual Y Valves	134
Lubricant	788	Disk strainers	76	Dust caps	761
Safety break-away	88, 89	Display, FRL	243	Aviation	94
Sand blast	127	Dix-Lock™		Cam and groove	29, 33, 44, 45, 48, 83, 87
Short shank	300, 301, 305, 338, 372	Cap	132	with pull handles	44
Spray hose	303	Converter	132	Dry gas	98
Steam service	109	Gaskets	131	Dry quick disconnect	92
Straight through	324	Quick acting couplings	130-132	Threaded	376, 764
Surelock™ quick acting	128	D.O.T.		Dust plugs	121, 761, 764
Couplings		Air brake fittings	207	Aviation	93
Booster hose	655	Air brake tubing	208	Cam and groove	33, 46, 83, 86, 95
High density polyethylene	745	Push-in fittings	200–203	Dry gas	98
Lightweight flexible	744	Double		Dry quick disconnect	91
Lite®	745	Bolt clamps	391	E	

	Page #		Page #		Page #
Elbows		Elevated temperature washdown nozzle	321	<i>Ferrules, continued</i>	
Air brake	205, 206	Equipment		I-line	484
Angle	675	Clamp tools	379, 389	Instrumentation	176
Bevel seat	480	Coupling inserters	789	Internally expanded	443
Cam and groove	52-54, 86, 87	Crimpers	352, 353	King Crimp™	16, 17, 294, 295
Coaxial	756	Cutters	370	Heavy duty	23
Compression	181	for Push-on fittings	358	Short frac	18
Continuous swivel	675	Rams	434	Notched	71, 73, 289, 439
Drop	752, 753, 755-757, 760	Test pumps	790	Oxy-acetylene	363
Flare	178, 179	Exhaust muffler		Petroleum	445
Flareless bite fittings	426-428	Wilkerson	231	Pipe size	487, 488
Grooved	748	Expansion		Quick weld	465, 500
Hydraulic	409, 410	Machines	651	Stainless steel	71, 73, 289, 448
Instrumentation	174, 175	Expansion ring couplings	653, 665	Fill pipe	
JIC	357	Expansion unit assembly	653	Adapter caps	759
LIQUIfit™	313-316	External crimp ferrules	16, 17, 294, 295	Adapters	759
Metal hose fittings	722	External drain cocks	159	Filter/Regulators	
Nickel plated	188	Externally swaged fittings	289, 436-441	Accessories	241, 242, 261-267, 273,
Nylon	374, 375	EZ Boss-Lock™	12, 29, 31, 32, 37, 39, 41,	Carded	274
Polypropylene	86, 87, 375		45, 48, 54, 55, 61, 70, 72, 76	FRL	210, 211, 223, 224, 252, 269
Push-in	185, 187-191, 198-200, 202	F		Mini's	210, 211
Quick connect	308, 311	Faucet		Series 1	252
SAE, 45° swivel	357	Adjustable	694	Watts	269, 270
Sanitary	461, 480, 493-495, 501, 535,	Bibb	694	Wilkerson	223, 224
	536	Drum	694	Filters	
Sharkbite®	319	Ferrule crimping tools	352, 353	Accessories	233-236, 261-263, 273
Storz	607	Ferrules		Airline	213, 214, 246, 247
Street	345, 733	Air King™	125	Carded	244
Suction	675	Bevel seat	478, 479	Disposable in-line nipple	136
Threaded, 45°	347, 734	Brass	351, 363	Hydraulic	
Threaded, 90°	345, 347, 348, 416,	Clamp	455, 456	In-line	430
	732, 733, 740	Crimped, sanitary	451	Inlet	330
Threaded side outlet	735	Externally swaged	289, 438, 439	In-line, air/oil	136, 155
Tuff-Lite	374, 375	Global Air King™	124	Lubricator	137
Electrically actuated	696, 698, 700, 702,			Mini in-line	155
	704			Oil removal	248

Description Index

	Page #		Page #		Page #
<i>Filters, continued</i>		<i>Fire Hose, continued</i>		<i>Fire Hose, continued</i>	
Series 1	246-248	Hydrant		Storz	557-561, 563-566, 605-610, 631, 634, 651, 667-669
Watts	268, 269	Caps	614, 615	Storz fittings	631, 634, 668, 669
Wilkerson	209, 213-217	House	672	Strainers	663, 667-671
Filters, Regulators, Lubricators	209-274	Wrenches	631-633	Suction	599, 600, 603, 610, 633, 675
Filters / Strainers		Hydrant connections	70	Swivels	555-560, 562, 564-566, 581, 595-598, 600, 601, 603, 606, 607, 654, 658, 667, 669, 675
Dual units	518	Hydrants		Tank	671
Wire cloth mesh over screens	517	Adapters	85, 586-588, 594, 604	Valves	540-564, 663, 671
Finger type clamps	108, 116, 117	Boosters	559	Wall plates	578
Fire hose		Concealed two way wall	576	Washers	654
Adapters	85, 548, 583-590, 594, 596-602, 604, 609	Connections	567	Wrenches	631-634, 663
Pin lug	85, 579, 580, 583, 586, 587, 594, 595, 597, 600, 604	Gate valves	552, 553	Fire jacket for hose	795
Rocker lug	583, 585, 588-590, 594-601, 606, 607	Wharf	676	Fire tape	795
Axe	663	Jacket	795	First aid kit	794
British instantaneous fittings	602, 603	Layflat hose cutter	652	Flame retardant hose and cable protection	795
Cabinet	672	Manifolds	563	Flange	
Cam and Groove	85, 604	Menders	652	Code 61 / Code 62 hydraulic	
Caps	611, 612, 614-616	Monitors	622	Split flange kit	408
Pin lug	611	Nipples	582, 591-594, 650, 656	Floating	20, 291
Rocker lug	611	Nozzles	335, 617-623, 625-630, 662	Gaskets	58
Cap test gauges	614	Pin rack	656	Slip-on	57, 66
Connections	567-570, 572-574, 676, 727	Plugs	613, 614	Tube OD wall	508
Couplings	653	Pin lug	613	Tube OD weld	506
Threaded	652	Rocker lug	613	Flanged	
Elbows	675	Pump test headers	578	Adapters	26, 55-57, 727, 728, 749
Storz	607	Push pull drain valve	554	Assemblies	440
Flange	608	Rack	619, 646, 656, 659, 661	Combination nipple	20, 287, 291
Forestry mop up	664	Rectangular identification plates	575	Couplers and adapters	55-57, 84
Gaskets	628, 629	Reels	657-661	Dry aviation	94
Gauges	673	Replacement swivel	581	Dry break	96
Hand hydrotest pump	674	Roller	674	Dry gas	98
Hose	635-650, 664	Round identification plates	575	Dry quick disconnect	91, 92
Hose couplings	653, 655	Siamese clappers	568-571		
		Single jacket 500#	643		
		Snoots	579, 580		
		Spanner wrenches	302, 631-634		
		Sprinkler line tester	673		

	Page #		Page #		Page #
<i>Flanged, continued</i>					
King Crimp™	725	FRL's		Gas	
Quick-connect, fittings	306, 307, 310, 311	Accessories	233-242, 261-267, 273, 274	Dry couplings	98
Storz	608	Carded	244	Regulators	250
Tee	56	Combination units	212, 227-230	Gaskets	58, 69, 78-80, 87, 120, 131, 133, 302, 303, 309, 311, 312, 335, 446, 466-470, 476, 482, 486, 490, 610, 628, 629, 727, 751, 762, 782
TTMA extensions	786	Displays	243	Gate valve	
Weld adapters	27	Series 1	244-267	Self-closing	695
Flanges	726-727	Watts	268-274	Gauges	168, 236, 275-282, 519, 673
Hydraulic		Wilkerson	209-243	Line test	673
NPTF port	407	Fuel nozzles	100, 101, 768-772	PITOT	673
Pipe socket weld	407	Fuel receivers	100, 101	Sprinkler system	673
SAE port	407			Three way	673
Flare fittings	177-179	G		Gravity drop adapters	760
Flareless bite fittings	426-428	Garden hose		Grease whip assemblies	362
Flat face fittings	409, 410	Accessories	320-338	Grip-L couplings	720
Flexogen®, garden hose	332	Adapters	341-343	Grooved couplings	747, 748, 750
Flexzilla®, garden hose	332	Back flow preventer	336	Grooved fittings	
Flomax connectors		Compression bibb faucets	336	End caps	750
¾" series	107	Country Club® RT	333	Gaskets	751
Diesel fueling system	100-102	Fittings	336-340, 354	Lightweight	744
Fuel vent	100-102	GHT zinc hose	337	Mechanical tees	747
Gravity fill receiver	102	GHT coupler and adapter	337	Nuts and bolts	751
High flow 1" series	107	Hose	332, 333	Quick release	746
R series	99, 105, 106	Hot water rubber reinforced	333	Rigid	746
Service box	102	Lok-on hose fittings		Series 45	748
Standard	99, 103, 104	Caps	358	Series 90	748
Flow chief food grade fittings	448-450	Marine, camper, patio & pool	333	Series AN	750
Flow control valves		Nozzles	321-323, 328-330, 334-336	Series BE	750
Hydraulic	429	Perfect water	332	Series EC	750
Legris	193, 194	Premium rubber	333	Series FA	749
Flush face hydraulic fittings	401	Quick connectors	337	Series RA	749
Fog nozzles	623, 624	Quick couplings	328	Series SF	749
Food grade fittings	452-539	Rubber vinyl	332	Series T	747, 748
Foot valves	312	Spray valves	338	Standard	744
Frac	18, 21, 22, 26	Top level PVC	332		

Description Index

	Page #		Page #		Page #
<i>Grooved fittings, continued</i>		<i>Holedall™, continued</i>		<i>Hose, continued</i>	
Valves	686, 687, 773, 774	Petroleum	445-447	Menders	115, 298, 299, 349, 358, 375, 377
Grooved nipples	286, 750	Rams	434	Mill	635-638
Grooved stem style ext. crimp ferrule	16-17, 294-295	Swaging machines	434	Mop Up	664
Grooved valves	750	Hookie - hook hose lifter	718	MSHA approved	645
Groove lube	751	Horizontal swing check valves	714	Nitrile	639-641, 647, 648
Ground joint		Hose		Nominal smooth bore	797
Fittings	108, 111, 113, 118	300# single jacket	642	Non-collapsible	650
H		400# nitrile covered	647	Non weeping	664
Hammer unions	25, 716, 717	500# single jacket	644	Potable water	645
Caps	27	500# single Jacket	643	PTFE	797
One-piece nut	24	800# double jacket	644	Rack	646, 656, 659, 661
Plugs	27	Air, self-storing	166, 167	Racks	172, 661, 789
Two-piece nut	24	Braided rubber	330	Reels	171, 172, 657-661
Hand cleaner, Lava	791	Bumper stops	172	Roller	674
Handles, cam and groove	69, 75, 76, 83	Cabinet	672	Room equipment	791
Hangers		Chemical	649	Spiral protection	795
Pipe	489	Contractors	333	Spray couplings	303
Tube	507, 508	Crimper	353	Stations, water and steam	320
Hastelloy fittings	34, 285	Cutters	370	Storage	672
Hex bushing	140	Diameter tape	791	Swivels	125, 169, 170, 798
Hex bushings	343, 730	Expanders	651	True ID	800
Hex manifolds	157	Fire	635-648	Hose assembly tool	358
Hex nipples	260	Fire jacket for hose	795	Hose couplings	
Hex plugs, brass	342, 738	Fittings, barbed	120, 133, 134, 145-153, 324, 325, 348-350, 354-358, 374, 375	Booster	655
Holedall™		Flexogen®	332	Expansion rings	654
Couplings	440, 441, 444, 445	Flexzilla®	332	Swivel	658
DIN external crimp stem	450	Garden	332, 333	Washers	654
Expander machine	446	Hand crank reel	330	Hot & cold water washdown stations	320
Ferrules	438, 439, 443-445, 448, 451	Hot water reinforced	333	Hot water washdown hose	320
Flanged assemblies	440	Hot water washdown	320	Hot water washdown nozzle	321
Food grade fittings	448-450	Hydrostatic test pumps	790	Hydrant	
Nipples	437	Hydrotest pump	789	Adapters	335, 586-588, 594
Notched ferrules	439	Knife	791	Boosters	559
Notched stems	439	Mallet	791	Caps	614, 615
				Concealed two way wall	576

	Page #		Page #		Page #
<i>Hydrant, continued</i>		<i>Hydraulic, continued</i>			
Connections	567	Mini	431	K	
Diffuser	552	Multiport	431	Keychains	154
Gate valves	552, 553	VEP series	402	King™	286
House	672	VH series	403	Beveled end	286
Wharf	676	Water-blast	404	BSPT end	286
Wrenches	631–633	WS series	400	Cables	138
Hydraulic		I		Cam and Groove	13
3000 series	396	I-line fittings	483–485, 510	Adapters	12, 13
5600 series	397	Industrial		Couplers	12, 13
7800 series	399	Hydraulic couplings	395	Combination nipples	18-20, 285-287, 290, 291, 297
Adapters	408	Internally expanded fittings	442	Global	287
Agricultural	398	Quick connects	143-148	Sleeves	288
BSPP fittings	425	Safety break-away	89, 121	Crimp style	285-287, 296-298, 300, 301, 303, 451, 725
Clamps	405, 406	Injector nozzles	328	150# ASA fixed (welded) flange	20
Code 61 / Code 62 flange adapters	408	Inlet filter	330	Adapters	13
Code 61 / Code 62 flanges	407	In-line		Combination nipples	19
Dust plugs and caps	395-402, 404	Check valves	195	Combination nipples and sleeves	18
Filter	430	Desiccant dryers	218	Domestic cam and groove	12
Flat face fittings	409, 410	Filter, air	136, 137, 155, 169	Ferrules	16, 17
Flush face	401	Filter, mini	155	Global Cam and Groove	13
Industrial	395	Flow control	193, 194	Nipples for floating flanges	20
Metric fittings	424	Lubricators	136, 155	Short frac ferrules	18
NPTF fittings	420-424	Lubricators base	137	Sleeves	14, 15
Quick-connect	324, 325, 395, 397, 398, 401, 403	Swivels	169	TTMA flange x King Crimp™	20
Return line	405	In-line sight glass	56	Ferrules	16, 17, 294, 295
Split flange kit	408	Inserts		Heavy duty	23
Valves		Tuff-Lite	371	Flanged	20, 287, 291
Check	429	Instrumentation fittings	173-176	Floating flange	20, 291
Control	429	Interlocking clamps	108, 116, 117, 124	Frac	18, 21, 22, 26
High pressure ball	430, 688	J		Grooved end	286
Full-bore 3-way	430	Jack chains	614	Hose menders	298
Needle	431	JIC fittings	349, 357, 414-419, 722, 798, 800	PF shank	297
Bleed	432	Joint sealant gasket material	788		
Block and bleed	432				

	Page #		Page #		Page #
<i>King™, continued</i>					
Quick-acting	123, 124	Lubricants		Menders	115, 298, 299, 349, 358, 375, 377
Shank couplings	300, 301, 303	Air tool	156	Merchant couplings	743
Sleeves	14, 15, 292, 293	Anti-freeze	156	Metal hose fittings	722, 723
Short	23	Lubricators		Metric	
L		Accessories	239-241, 265, 266, 274	Push-in fittings	198, 199
Lance, spray and extensions	327, 328	Carded	244	Tubing	198
Lanyards	76, 126	EconOmist® compact	224, 225	Mini	
Lead free fittings	364–368	EconOmist® standard	225-227	Ball valves	193
Leak detector	788	In-line	136, 155	Carded	244
Legris fittings	187-195	Mini	211	Combination units	212, 245, 258
Legris tubing	197	Series 1	253–257	Filter/regulators	210, 211, 245
Lever drain cocks	159	Micro-fog	253–255	Filters	155, 209, 245
Lever ring, quick connector	309	Oil-fog	256, 257	Lubricators	155, 211, 245
Lincoln interchange quick disconnects		Pyrex® sight feed dome	255	Regulators	155, 209, 210, 245, 251
	143, 153	Watts	271	Monitor	
Line strainer	328	Wilkerson	211, 212, 224-229, 239-241, 243	Brass nozzle	622
Line strainers	714, 715	M		Omega™	622
LIQUIfit™ fittings	313-316	Magnetic thermometers	284	Steel FirePro™	622
Lockable caps	48	Maintenance and repair		Muffler	
Locking ball valves	679, 680, 683, 684	PTFE tape	787	Conical	154
Locking kit, dry disconnect	95	Make-a-clamp kit	384	Exhaust	231
Lockout valves	232	Mallet, hose	791	Speed control	154, 708
Lok-on fittings	354-358	Manifolds		Mulconroy	434
Caps	358	3 in 1	157	N	
Long shank couplings	303, 304	Air receiver	140, 141	Needle valves	
LP		Aluminum	563	Air	159
Boss™ male stems	74, 115, 406	Aluminum bar	157	Hydraulic	431
Gas hose coupling & adapters		GHT, 4-valve	336	Nipple	
	119-121	Hex, flat	157	Pin rack	656
Metal Acme caps	121	Modular	192	Nipples	
Plastic Acme caps	121	Regulator	250	3500	135
Plastic dust plugs	121	Marine break-away coupling	88	Brass female to male	591-594, 650
Safety break-away coupling	121	Marine grade worm gear clamps	381	Brass male hex	582, 583
Wrench	120	Mechanical tees	747	Close	260, 344, 376, 742
				Combination	285, 286, 287, 297

Description Index

	Page #		Page #		Page #
<i>Nipples, continued</i>		<i>Nozzles, continued</i>			
Filters	136	Garden hose	321, 328-330, 334, 335, 620, 624	NYFD	545, 547, 550, 552, 568, 569, 572, 580, 581, 584, 587, 593, 595, 599, 600
Grooved	286	High pressure spray	329	Nylon fittings	297, 299, 371-377
Hex	260, 296, 342, 343, 737, 742	Holders	127, 330	Nylon protective sleeve	796
Hex welding	723	Industrial grade	323	Nylon tubing	198
King™	285, 287, 296, 297	Industrial pistol grip	624	Nylon Tubing	196
Notched turned back	289, 725	Injector	328	O	
Octagon	723	Master Stream	622	Octagonal nipples	723
Pipe	344, 723, 742	Monitor	622	Oil removal filter	248
Polypropylene	297, 739	Multi-pack	329	Oil spill kits	791
Swage	719	Overwing aircraft	766	Oil vapor removal filter	248
Nitrile washdown hose	639-641	Pistol grip adapter	626	Open flex 1L couplings	721
Northline	585	Plain hose	619	OSHA valves	142
Notched		Pressure	326, 329, 766, 767, 775	Oxy-acetylene	
Cam and groove fittings	71-73	Quick connect	329	Adapters	363
Ferrules, Holedall™	71, 73, 289, 439, 724	Rack	619	Connecting spuds	363
Stems, Holedall™	289, 439	Single gallonage	626, 627	Ferrules	363
Turned back nipples	289, 724	Soap	329	Hose couplings	363
Nozzles		Solid brass	334, 335	P	
4AN military with fog tip	621	Spray	321-323, 329	Panel builder gauges	277
Adjustable constant gallonage	626	Stainless steel	322, 323	Parker Ez-Mate	148
Adjustable tri-flo selectable gallonage	627	Street cleaning	622	Petroleum fittings, API	445
Adjust-A-Power	334, 620	Sweeper	335	Petroleum fittings, Holedall™	444-447
Ball	765	Temperature indicating	322	Phonograph finish fittings	297
Ball shutoff	618, 625, 626, 662	Thermoplastic	628	Pinch-on clamps	
Constant flow	335, 623, 626, 630	Tips	618	Double ear	378
Dual gallonage constant flow	627	TriFlow fog	624	Single ear	378
Econo fog	624	Turbo	330	Pin lug	
Elevated temperature	321	Twist	334	Adapter	335
Fire hose	335	U.S. Coast Guard Approved	621	Couplings	62-64, 300, 301, 303, 763
Flexible water	336	Utility	766	Pipe	
Fog	617, 618, 621, 623, 624, 628, 629	Washdown	321, 617	Adapters	750
Forestry	623	Nozzles accessories		Caps	762
Fuel	765-767, 770, 771	Multi-plane hose swivels	772	Couplings	744-747
		Single plane hose swivels	772		
		NPT threaded fittings	723, 730-743		

	Page #		Page #		Page #
<i>Pipe, continued</i>					
Grip-L	720	Polished fittings		Push pull drain valve	554
Open-Flex 1L	721	Elbows		Push to connect fittings	318, 319
Cross	736	Sweep	495	PVC tubing	369
Hangers	489	Polycarbonate		Q	
Nipples	344, 742, 743	Hydrant adapters	594	Quick-acting couplings	123, 124, 128, 130-134
Play pipes	620	Polyethylene tubing	196	Quick connect	
Plugs	764	Polypropylene		Air fittings	123, 124, 128, 130-134, 144-147, 149-153
Adjust-A-Plug	616	Ball valves	715	Cam and groove	31-66, 81-86
Aluminum	614	Bolted fittings	741	Quick-connect	
Ball swivel	143	Cam and groove fittings	86, 87	Agri-Lock style	306, 310, 311
Brass	613	Pipe fittings	739, 740	Bauer style	306-309
British instantaneous	603	Sleeves	507	Hydraulic fittings	324, 325, 395, 397, 398, 401, 403
Bull	718	Polyurethane		Straight through	324, 325
Bull with Tap	718	Air hose	166	Quick couplings and plugs	328
Compression	182	Tubing	196, 197	Quick release couplings	746
Dust, cam and groove	33, 46, 83, 86	Pop-off valves, safety	158	Quick weld ferrules	465, 500
with pull handle	46	Poppet valve	109	R	
FDC	616	Positioners	708	Racks	
Fill	239	Pressure guns	326	Fire hose	656
Fixed	328	Lances	327	Hose	172, 661, 789
Hammer union	27	Telescoping	328	Mixing station	320
Hex head	342, 376, 738, 740	Pressure recommendations	811-813	Worm gear clamp	384
Hydraulic flat face	410	Process gauges	275	Radiator bibb	336
Instrumentation	176	PTFE		Railcar unloading assemblies	62-69
LIQUIfit™	315	Gaskets	762, 782	Railroad tank car	67
LP gas	121	Hose	797	Fittings	62, 63, 67, 68
Poppet valve	109	Fittings	799	Gaskets	69
Push-in fittings	191, 199	Insertion tool and dies	799	Reducer	
Quick-connect	144, 145, 149, 151-153, 309, 311, 325	Sealant	788	Adapters	47-51
Square head	376, 736	Tape	787	Bell	749
with pull handle	761	Pump adapters	582, 738, 741	Combination nipples	287
Pneumatically actuated valves	697, 699, 701, 703, 705, 709, 710	Punch style clamps	385-387		
Pneumatic test pump	790	Push-in fitting kit	192		
		Push-in fittings	184-192, 198-203		
		Push-on fittings	299, 354-358, 377		
		Push-on fittings tool	358		

	Page #		Page #		Page #
<i>Reducer, continued</i>				<i>Sanitary, continued</i>	
Couplers	47-51	S		European fittings	473-476
Quick connect	308, 309	SAE fittings	349,	Ferrules	455, 456, 465, 478, 479, 484,
Sanitary	463, 480, 497, 498, 504, 538		350, 356, 357, 380, 401, 405, 407-413, 415,		487, 488, 500, 539
Tuff-Lite	372		417-419, 430, 688, 737, 738	Filter	514, 517, 518
Reels		Safety		Flanges	506, 508
Hand crank	330	Blow gun	161, 165	Gaskets	466-470, 476, 482, 486, 490
Reelcraft® hose	171, 172	Break-away couplings	88, 89	Gauges	519
Reelcraft® static discharge	784	Cables	139	I-line fittings	483-486
Reels, hose		Shackles	139	Laterals	464, 499, 505
Continuous flow	657, 658	Check valves	142	Nuts	454, 474, 475, 477, 508
Covers	660	Clips and lanyards	76, 77, 83, 126	Pipe hangers	489
Swing type	660	Industrial, break-away	89	Quick weld ferrules	465, 500
Heavy duty	660	Information	9, 807-810	Reducer	463, 480, 497, 498, 504, 538
Pipe brackets	660	Locking pin	129	Sight glasses	510, 511
V swing	659	Marine, break-away	88	Spray balls	512, 513
Regulators		Shut-off valves	142, 158	Strainers	514-518
Accessories	236-238, 241, 242, 263,	Tape and tag	794	Swivels	520, 521
	264, 267, 274	Vented ball valves	680	Tees	462, 496, 503, 536, 537
Carded	244	Whipsock	139	True wyes	464, 499, 505
Dial air	218	Sand blast couplings	127	Tube hangers	507, 508
Gas	250	Sanitary		Tube OD fittings	493-502
General	250	Adapters	458-460, 480, 488, 497, 502	U bends	464, 499, 505
High flow	220, 222	Bevel seat fittings	461, 477-482, 493	Valves	
High pressure	221, 222	Biopharm fittings	534-539	Ball	522, 523
Manifold	250	Bolted clamps	453, 483	Butterfly	524-527
Mini general purpose	155, 250	Breakaway coupling	465, 481	Check	528-530
Mini water	210, 251	Buttweld fittings	493-505	Tank vent	531, 532
Replacement springs	236, 263	Caps	457, 474, 475, 479, 485, 488,	Weld fittings	455, 456, 460, 465, 478,
Series 1	249-251		502, 510, 539		479, 484, 487, 488, 493-506, 535-539
Water	251	Clamp accessories	454	Welding	
Watts	270	Clamp fittings	452-472, 487, 488,	Liners	473-475
Wilkerson	209-211, 218-224, 236-238		493, 494, 524-526, 535-538	Males	474, 475
Replacement handles		Clamps	452-454, 483, 487	Wrenches	474, 475, 477
Cam and groove	75, 83	Crosses	463	Sanitary crimp fittings	
Right hand couplings	363	Elbows	461, 480, 493-495,	Bevel seat	450
Rostra type fittings	444-446		501, 535, 536	Clamp end	450

Description Index

	Page #		Page #		Page #
<i>Sanitary crimp fittings, continued</i>				<i>Stainless steel, continued</i>	
Ferrule, 304 stainless	451	Sleeves	14, 15, 23, 183, 206, 207, 288,	Clip	126
I-line	450		292, 293, 489, 507	Combination nipples	285–289
Tube weld end	450	Sleeving	796	Dry disconnect	91
Sanitary (IX) fittings		Snoots	579, 580	Dry quick disconnect	92, 95, 96
Bevel seat	449	Soap, high pressure nozzle	329	Ferrules	71, 73, 176, 289, 439, 448,
Clamp end	448	Solenoids	708		724
Ferrule, flow chief	448	Spanner wrenches	302, 474, 475	Gate valves	691
Male NPT	449	Special city threads	593	Gauges	275, 277-280, 282
Tube weld end	448	Speed control mufflers	154, 708	GHT adapters	341
Scovill type fittings	444	Spill kits	791	Hose swivels	767
Screw pitch gauge	581, 791	Spiral		Inserts	206, 305
Security chains	77	Hose and cable protection	795	Lockable ball valves	683, 684
Self-closing gate valves	695	Hose clamps	392	Menders	298
Self-storing air hose	166, 167	Splicers		Notched shank cam and groove	72,
Series 1 FRL's	243-267	Reusable	361		73
Service station equipment	752–767	Tees	348	Pipe hangers	489
Set screw buckles	389	Spool adapters & couplers		Push-in	187
Shackles	139	Cam and groove	49, 84	Quick couplings	144–147
Sharkbite® push to connect fittings	318, 319	Spray balls	512, 513	Short shank couplings	305
Shore connections	676, 727	Spray hose		Spray balls	512–513
Short shanks	300, 301, 305, 338, 372	Couplings	303	Spray nozzle	322–323
Shut-off		Nozzles	329, 330	Strainers	312
Nozzles	625	Spray nozzles	321-323, 329	Strap-grip	74
Safety valves	158	Spring guard	796	Swaged fittings	71
Valves	236, 238, 241, 713	Spring return handle ball valves	679, 685	Thermometers	283
Siamese	565, 566, 568-571, 574, 577, 578	Sprinkler system gauge	673	Thermowells, threaded	284
Side-entry filter/strainer	515	Squeeze Lok™ hose assembly tool	358	Threaded fittings	730–736
Side-outlet reverse strainer	516	Stainless steel		Thread tape	787
Sight flow indicators	65, 93, 729, 758	Ball cone check valves	712	Tube hangers	507–508
Flanged acrylic sight flow indicators	65	Ball valves	683–685, 698, 699, 702,	Steam	
Flanged short sight flow indicators	65		703	Gauge siphon	284
TTMA pattern	65	Bolted fittings	741	Hose couplings	108, 109
Sight glasses	510, 511	Boss™		Quick disconnects	109
Single bolt clamps	391	Clamps	108, 116, 117	Valve, 250 Lb.	680
Skimmers	312	Ground joint	108, 111, 113, 118	Storz	
		Male stem	108, 115	Accessories	610

Description Index

	Page #		Page #		Page #
<i>Storz, continued</i>		<i>Swivels, continued</i>		<i>Tank Truck, continued</i>	
Adapters	605, 606, 609	Air King™	125	Swivels	776-780, 786, 798, 800
Bracket	610	Air tool	170	TTMA flange extensions	786
Caps	610	Angled	170	Tank truck equipment	
Gaskets	610	Angled industrial plugs	143	TTMA flange extensions	58
Rigid	605, 608	Ball, with Air Chief plugs	143	Tank vent valves	531, 532
Swivels	606, 607	Ball, with hose barb	169	Tape	787, 791, 794, 795
Storz fittings	631, 634, 668, 669	Bent stem	170	Fire	795
Straight through fittings	324, 325	Connectors for spray gun	321	PTFE tape	787
Strainers	312, 313	Diesel fuel	102	Safety	794
Barrel	668	Dubl-grip reattachables	447	T-Bolt clamps	393, 394
Basket	668	Hose	767	Tees	
Disk	76	In-line	169	Air brake	206
Floating	669	Joints	776-785	Bull head	735
Foot valve	663, 671	Loading arm	786	Compression	182
Line	328	Multi-plane hose	772	Female reducing	735
Low level	667, 671	Single plane hose	772	Female threaded	734
Polyethylene	313	Syracuse valves	695	Flare	179
Polypropylene	670	T		Flareless bite fittings	428
Square hole	308	Tag, hose	794	Grooved	748
Stream	671	Tank car		Hydraulic	
T line	715	Fittings, railroad	62, 63, 65-69	37° flare	417
Witches hat	76, 312	Gaskets	69	Flat face	410
with spring loaded check valves	713	Wrenches	69	Flat face fittings	410
Y line	714	Tank truck		NPTF fittings	423
Strap-grip	390	Adapter x round flange	58	ORB fittings	411, 413
Straub pipe couplings	720, 721	API	67, 783	SAE O-ring	413
Stretch strap	794	Coupler	67, 783	Instrumentation	175
Suction hose couplings	300, 301	Valve	67, 783	LIQUIfit™	314-316
Super King™ shank couplings	303	Coupler x round flange	58	Mechanical	747
Surelock™ quick acting couplings	128	Drop elbows	752, 753, 755-757	Push-in	186, 187, 189, 191, 198-200, 202, 203
Accessories	129	Elbows	752-757	Sanitary	462, 496, 503, 536, 537
Swaged fittings	112, 436-441	Flanged tee	56	Sched. 80 polypropylene	740
Swage Nipples	719	Gaskets	58	Sharkbite®	319
Switches, limit	708	Nozzles	765-772	Side outlet	735
Swivels	520, 521	Pump adapters	738, 763	Street service	735
37° female	415				

	Page #		Page #		Page #
<i>Tees, continued</i>		<i>Tools, continued</i>			
Tuff-Lite	375	Squeeze Lok™	358	Universal couplings	122, 123
Telescoping lance	328	Torque wrenches	792, 793	Unloader, valves	331
Temperature indicating nozzle	322	True ID		Unpolished fittings	
Test and drain valves	554	Fittings	800, 801	Flange	
Test plugs and caps	790	Hose	800	Neck	506
Test pumps	790	TrueSeal™	316, 317	V	
Thermometers		Tube fittings	185–193	Vacuum gauges	281
Bi-metal	283, 284	Tube hangers	507, 508	Valves	750
Magnetic	284	Tubing		3-way	688
Thermowells, stainless threaded	284	Braided	369	3-way diverting	693
Thor style fittings	133, 134	Clear	369	250 lb. steam	680
Thread		Cutters	370	Actuated	696-705, 708-710
Tape, PTFE	787	D.O.T., air brake	208	Actuated valve accessories	708
Tape, stainless steel	787	Fluoropolymer FEP 140	197	Adjustable faucet	694
Threaded		Metric	198	Air blow check	530
Caps	376, 736	Nylon	196, 197	Aluminum	
Elbows	345, 347, 348, 355, 357, 374, 732	Polyethylene	196	2-way ball	561, 562
Sch80 polypropylene	739, 740	Polyurethane	196, 197	3-way ball	563
Tees	734, 735	PVC clear	369	Butterfly	564
Test caps	790	Valves	193-195	Gate valves	556–561
Unions	342, 731	Tuff-Lite fittings	297, 299, 371-377	Jumbo ball	563
Tight fill couplers and adapters	753	Turned back nipples	289, 725	Large diameter	557-559
Tire		U		Relief	
Inflator chuck	168	Unions		Piston intake	560
Inflator gauges	168	Air brake	204, 205	API	67, 783
Pressure gauges	168	Compression	180-182	Ball	430, 678-684, 686-690, 692, 693, 696-705, 685, 773, 774
T line strainers	715	Flare	178, 179	3-way	430
Tools		Flareless bite fittings	427, 428	150# flanged	689
Band clamp		Hammer	24, 25, 716, 717	Ball cone check	712
Jack type	388, 389	Instrumentation	174, 175	Ball, global	682
Screw type	389	LIQUIfit™	314	Ball, mini	692
Brass ferrule crimper	352, 353	Push-in	184, 185, 187, 189-203	Ball, with nozzle	690
Hose cutters	370	Threaded	342, 731	Ball, with NPT tap for drain	680
Mallet	791	TrueSeal™	317		
Push-on	358	Uni-range couplings	440		

Description Index

<i>Valves, continued</i>	Page #	<i>Valves, continued</i>	Page #	<i>Valves, continued</i>	Page #
Brass		Flow control	160, 193, 194, 429	Sanitary	522–532
500# angle	547	Foot	312, 663, 671	Solder end	682
Adj. press. restricting device	545	Full-bore 3-way ball	430	Spray	338
Angle	544–547	Full flow	686, 687, 773, 774	Spring check	528
Automatic drain vent	554	Gate	691	Spring loaded	713
Chicago pattern	549	Self-closing	695	Swing check, horizontal	714
Domestic	544	Globe	692	Tank Filler	156
Drip valves	549	Grooved end iron butterfly	750	Tank vent	531, 532
Gate	550-553	High pressure	688	Thermal relief	331
Grooved inlet	546	High pressure full-bore 3-way ball	430	TrueSeal™	316, 317
Pressure reducing	540–543	High pressure hydraulic ball	430, 688	Two-way	687, 774
Accessories	541	Horizontal swing check	714	Unloader	331
Pressure restricting	544, 545	Industrial wafer ball	685	Wye	663
Sprinkler hose	554	In-line check	195	Vapor recovery couplers	59, 785
Straight globe	548	In-line flow control	193, 194	Velcro straps	77
Test and drain valves	554	Lead free brass ball	682	Vent	
Wedge disc	550, 551	Locking handle	679, 680	Breather	154
Wharf hydrant	676	Lockout	232	Stationary	775
Butterfly	709-711	Needle		Vented grip lance	327
Button	156	Air	159	Vent-Lock™	28, 29, 31
Check	142, 160, 195, 317, 429, 528–530, 549, 712-714	Hydraulic	431	VH series hydraulic	403
800 PSI stainless steel	712	Bleed	432	W	
Compact polypropylene	690	Block and bleed	432	Wafer ball valves	685
Composite mini ball	193	Mini	431	Washdown	
Compressor Y	125	Multiport	431	Hose	320
Deadman handle	679, 685	One-way	686, 773	Nozzles	321, 322
Domestic gate	691	Pneumatically actuated	697, 699, 701, 703, 705, 709, 710	Rack	320
Domestic globe	692	Polypropylene	689, 690, 715	Stations	320
Domestic swing check	714	Poppet	109	Swivel connectors	321
Drum gate	695	Quick exhaust	193	Washers	
Dual Y	134	Release	331	Air King™	126
Dual Y ball	692	Safety check	142	Cam and groove	70, 78–80
Electrically actuated	696, 698, 700, 702, 704	Safety pop-off	158	Fire hose coupling	654
Flanged	689	Safety release	331	Garden hose	335
		Safety vented	680	Ground joint	113, 114

	Page #		Page #	Page #
<i>Washers, continued</i>		<i>Wrenches, continued</i>		
Holedall™ petroleum	446	Spanner	302, 631-634, 663	
Suction and shank fittings	302, 303, 309, 311	Storz	631, 634	
Washer type couplings	110, 113, 114	Torque	792, 793	
Water broom	331	Wrench grips	723	
Water nozzle, flexible	336	Wyes	56	
Water regulators	210, 251	Aluminum		
Water-steam washdown station	320	2-way siamese	565	
Watts FRL's	141, 268-274	3-way siamese	565	
Wave seal clamps	382	4-way siamese	566	
WD-40	788	¼ turn ball	562	
Welding		Jumbo siamese	566	
Cam and groove	60, 61	Plain	562	
Gauges	281	Brass		
Liner	474, 475	¼ Turn	555	
Male	474, 475	Full flow	555	
Nipples	723	Plain	552	
One-piece 150# flange to adapters	27	Y		
Sanitary	455, 456, 460, 465, 473-475, 478, 479, 484, 487, 488, 493-506, 535-539	Y, cam and groove	56	
Threaded fittings	723	Y, compressor	125	
Wharf hydrants	676	Y, connectors	191, 199, 203, 314	
Whipsock	139	Y, dual valve	134, 692	
Wilkerson FRL's	141, 209, 210-243	Y line strainers	715	
Lockout valves	232	Y, unions	203	
Witches hat strainers	76, 312			
Worm gear clamp rack	384			
Worm gear clamps	380, 381, 384			
Marine grade	381			
Wrenches				
Drum plug	694			
Hex	477			
Long handle	69			
LP gas hose	120			
Pin lug	69			

PART NUMBER INDEX

In the following index, a (*) is used to represent a variable. Therefore, to find AD075EZ or AD400EZ, look for: **AD***EZ**

PART NUMBER INDEX		Page #	Page #	Page #			
		100AWSPSS	60	1094P****	197	1217AR-*	140
		100-B-*	36	1094U****	197	1217AR-4**	140
		100-C-*	12, 38	1094U**R00	197	1217AR-4AKWF	141
		100-D-*	40	10-DBHU-10	174	1217FRAME	140
	Page #	100D-90**	54	10-DCAP	176	1231-***	411
0***	196, 378, 379	100DA-90**	52	10-DELU-10	175	1234-***	415
0****	196	100-DC-*	44	10-DFC-*	173	1238-***	412
0***R	378	100DHAN-AL	786	10-DFPLUG	176	1240-***	413
001-****	362	100-DL-*	55	10-DMC-*	173	1250-94	767
0304C-*	418	100-DP-*	46	10-DTTT-10	175	1250SK	767
0304C-*	418	100DWPSTSS	61	10-DU	174	1251-**H	424
0306-*	419	100DWSP**	61	10EF10-S	324	1254-**H	418
0306-*	419	100-E-*	12, 42	10VEPDP-A	402	1255-**H	413
0318-*	418	100-E-HA	34	10VEPF10	402	125-A-*	35
0318-*	418	100-F-*	43	10WSDP-A	400	125-AA-*	49
0319-*	418	100-F-HA	34	10WSF10	400	125-B-*	36
0319-*	418	100-G-*	78, 79	10WSF10-BOP	400	125-C-*	38
0610-4	795	100-G-***	78, 79	11-009-***	251	125C-90**	53
0817-*	196	100GTFACC	79	1125A	765, 766	125-D-*	40
0817BL100	196	100GTFVI	79	112D	766	125D-90**	54
09-31-00001	676, 727	100GTHK	78	112DNS	766	125-DP-*	46
		100-HP-SP	75	112DSK	766	125-E-*	42
1*	391	100PRSCSS	76	114/2D-TK	766	125-F-*	43
1**	378	100TP	790	1143A	765, 766	125-G-*	78, 79
1***	196, 378, 379, 391	1010-6	795	114D	766	125-G-***	78, 79
1****	196, 381	1012CIPUSH	789	114DAL-AV-16	766	125GTFACC	79
1***R	378	1015-DA-*	47	114DAL-AV-19	766	125GTFVI	79
1**R	378	102***CLF	364	114DAL-AV-25	766	125GTHK	78
156	117	10210-64	795	114D-AV	766	126-****	350
187	117	1025P****	198	114D-AV-06ASM	766	128P*LJ15	440
189	632, 672	103-****	349	114DAVR	766	128P*SO15	440
10-076-004	254, 257	104***CLF	364	114DAV-SK	766	129***CLF	364
100-A-*	35	105-****	349	114DNS	766	12-DBHU-12	174
100-AA-*	49	1091P****	197	114DSK	766	12-DCAP	176
100-A-HA	34	1091U****	197	1204-***	414	12-DELU-12	175
100-AL-*	55	1091U**R00	197	1208-*	196	12-DFC-*	173
100AWBPSTSS	60	1092T****	197	1212-05**4	658	12-DFE-12	174

Part Number Index

	Page #		Page #		Page #		Page #
12-DFE-8	174	13LW	454	13SN	454	14MPHT-R...	458
12-DFPLUG	176	13MHHM...	452	13WGC...	454	14MPW-R...	456
12-DMC-•	173	13MHHM•••••	452	13WGC100-150	454	14MPW-R...	456
12-DMC-••	173	13MHHM••••••••	452	13WN•	454	14PRF-G...	478
12-DME-12	174	13MHHM••••••••SN	452	13WNV	454	14QMP-G...	465, 500
12-DME-8	174	13MHHM••••••••SN	452	13WNVX	454	14R-G...	478
12-DRATT-16	174	13MHHM••••••••SN	452	1404-•••	421	14RMP-G...	456
12-DRATT-8	174	13MHHM-3P...	453	1404-••••	421	14RMP-R...	456
12-DTMT-••	175	13MHHM-3P••••	453	1404-•••••	421	14VB-R...	506
12-DTTM-12	175	13MHHM-3P••••••	453	1404-••••••	421	14WHRL-R...	497
12-DTTM-8	175	13MHHM-DP...	452	1405-•••	421	14WI-G...	484
12-DTTT-•	175	13MHHM-DP••••	452	1405-••••	421	14WI-R...	484
12-DTTT-12	175	13MHHM-DP••••••	452	1405-•••••	421	14WLI-G...	484
12-DU	174	13MHHM-Q••	452	14-19-G...	480	14WLI-R...	484
12EF12-S	324	13MHHM-Q•••	452	142-••••	349	14WLMP-G...	455
12P•	440	13MHHM-Q••••••	452	143-••••	350	14WLMP-R...	455
12SFO	408	13MHHV...	487	1430407KLF	364	14WMP-G••	455
12SF XO	408	13MHLA...	453	144-••••	350	14WMP-G...	455
12VEPDP-A	402	13MHLA100-150	453	144F-•	179	14WMP-G••••	455
12VEPF12	402	13MHP••	453	145-••••	349	14WMP-R••	455
12WSDP-A	400	13MHPV...	487	149F-•••	178	14WMP-R...	455
12WSF12	400	13MO•••	453	149F-••••	178	14WMP-R••••	455
12WSF12-BOP	400	13MO••••	453	149F-•••••	178	14WMV-R...	487
1310-8	795	13MO100-150	453	14A-G...	478	14WMX-R...	487
134-••••	347	13NHN-G••	508	14A-R•••DIN	473	14WQ-G...	484
139-••••	347	13NHN-G•••••	508	14A-R•••RJT	475	1500SK	767
13BN	454	13PS-••	507	14A-R•••SMS	474	1501-•••	422
13BNH	454	13PS-•••	507	14MPHR-G...	458	1501-••••	422
13CB-•••	454	13PV-•••	489	14MPHR-G•••••	458	1501-••••	422
13H-G...	477	13QLH...	483	14MPHR-G••••••	458	1501-•••••	422
13H-G•••RJT	475	13QLH••••••	483	14MPHRL...	458	1502-•••	422
13IB	454	13RBN-G•••RJT	475	14MPHR-R••	458	1502-••••	422
13IB6	454	13R-G•••DIN	451, 473	14MPHR-R...	458	1503-•••	422
13ILB...	483	13R-G•••SMS	474	14MPHR-R••••	458	1503-••••	422
13ILB•••••	483	13RP	454	14MPHR-R•••••	458	15030FXF••00000	778
13ILH...	483	13RP6	454	14MPHR-R••••••	458	150-A-••	35
13ILH•••••	483	13SLN	454	14MPHT-R••	458	150A-90••	53

Part Number Index

	Page #		Page #		Page #		Page #
150-AA-••	49	150GPCTF	762	161••	651	16-DMC-••	173
150-A-ALH	35	150GTF••	79	1610-10	795	16-DME-••	174
150-A-HA	34	150GTFACC	79	16101-RH	651	16-DTTM-••	175
150-AL-••	55	150GTHK	78	1630•00CLF	365	16-DTTT-••	175
150AWBPST••	60	150TP	790	164C-••	182	16-DU	174
150AWSP••	60	1510-B-••	50	164C-••••••	182	16EF16-S	324
150-B-••	36	1510-C-••	50	165-••••	344	16SFO	408
150B-90••	53	1510-D-••	50	165-••••CLF	365	16SFXO	408
150-B-ALH	36	1510DAAL	47	165C-••	181	16VEPDP-A	402
150-C-••	12, 38	1510-DA-SS	47	166-••••	344	16VEPF16	402
150C-90••	53	1510-E-••	51	166-••••CLF	365	16WSDP-A	400
150-C-ALH	38	1520-AA-••	49	166FSV-•••	178	16WSF16	400
150CNOSSS	73	1520-DA-••	47	169-••••	345	16WSF16-BOP	400
150-D-••	40	1520-F-••	51	169C-••••	181	17-•••	395
150D-90••	54	156-••••	363	16A-G••	479	17-•••A	395
150DA-90••	52	1565U	767	16AI-14I•••	485	17-016-107	260
150-D-ALH	40	158-••••	363	16AI-14I•••R	485	170C-••••	181
150-DC-••	44	159F-•••	179	16AI-15I••	485	171C-••••	182
150-DC-ALH	44	15A-G••	479	16AI-15I•••R	485	172C-••••	182
150DC-L••	48	15A-R•••DIN	473	16AMP-G••••	457	174-••••	343
150-DD-••	49	15A-R•••RJT	475	16AMP-G-••••	457	176-••••	342
150-DL-••	55	15A-R•••SMS	474	16AMP-G-••••••	457	1765A	352
150-DP-••	46	15B15-••RBF	650	16AMP-R••	457	176C-0402	182
150-DP-ALH	46	15B15-100RBF	650	16AMP-R••••	457	177-••••	348
150DWBPST••	61	15B15-100RBS	650	16AMP-R-••••	457	177-••••SS	348
150DWSP••	61	15B15-50RBS	650	16AMP-R-••••••	457	177C-0402	182
150-E-••	12, 42	15B15-100RAF	650	16AMP-R•••DIN	473	1780•0•CLF	365
150-E-ALH	42	15B15-100RAS	650	16AMP-R•••SMS	474	179-••••	348
150-E-HA	34	15B15-••RAF	650	16AMV-G••	488	179-••••SS	348
150ENOSSS	73	15B15-••RAS	650	16AMV-R••	488	1790•••CLF	365
150F-••	178	15R-G••	479	16AQ-G••	485	1790604BARB	348
150-F-••	43	15WI-G••	484	16-DBHU-16	174	179C-••••	181
150F-90AL	54	15WI-R••	484	16-DCAP	176	18-•••	398
150-F-ALH	43	15WLI-G••	484	16-DELU-16	175	18-••••••	264, 265, 267
150-F-HA	34	15WLI-R••	484	16-DFC-••	173	18•57	274
150-G-••	78, 79	16-•••	395	16-DFE-16	174	180••••F	359
150-G-•••	78, 79	16-•••A	395	16-DFPLUG	176	180••••FSS	359

Part Number Index

	Page #		Page #		Page #		Page #
182****S	359	200A-90**	53	200-F-**	43	2030-F-**	51
182****SS	359	200-AA-**	49	200F90AL	54	2040-AA-**	49
184****A	361	200-A-ALH	35	200F-90SS	54	2040-DA-**	47
18-458-00017	541	200-A-HA	34	200-F-ALH	43	207BH•	342
185****	361	200-AL-**	55	200-F-HA	34	207BH**	342
187****	361	200-AL-SSANSI	55	200-G-**	78, 79	20SFO	408
188**	405	200AWBPST**	60	200-G-***	78, 79	20SFXO	408
189DH	632	200AWSP**	60	200GPC**	762	211-****C	342, 736
19***	398	200-B-**	36	200GTF**	79	213-****	343, 738
1910-12	795	200B-90**	53	200GTFACC	79	213**00CLF	365
110319	755	200-B-ALH	36	200GTHK	78	2143SEALBU	760
112012	754, 755	200-C-**	12, 38	200-HRP-**	75	219-****	342
18500116	379	200C-90**	53	200-HSCRIP-SI	75	21MP-G***	459
1A*1-B	152	200-C-ALH	38	200-LH-**	75	21MP-G*****	459
1-HR1004	172	200CNOSSS	73	200-PC-**	762	21MP-G*****	459
1-HR1004-3	172	200-D-**	40	200PRSC**	76	21MP-R**	459
1-HR1004A	172	200D-90**	54	200-PV-9	775	21MP-R***	459
1WAYBV***	686, 773	200DA-45**	52	200-TCA-**	68	21MP-R****	459
1WAYBV***SW	686, 773	200DA-90**	52	200TP	790	21MP-R*****	459
1WAYBV***VIC	686, 773	200-D-ALH	40	200YDAAAL	56	21MP-R*****	459
		200DBAL	622	2010-DA-**	47	2210-14	795
2	391	200-DC-**	44	2015-A-**	50	228-****	344
2•	391	200-DC-ALH	44	2015-B-**	50	22MP-G***	460
2**	378	200DC-L**	48	2015-B-ALNST	85, 604	22MP-G*****	460
2***	378	200-DD-**	49	2015-C-**	50	22MP-G*****	460
2****	311, 381	200DD-45**	52	2015-D-**	50	22MP-R**	460
2****•	261, 263, 265	200DD-90**	52	2015-DA-**	47	22MP-R***	460
2***R	378	200-DL-**	55	2015-E-**	51	22MP-R****	460
2**R	378	200-DP-**	46	2015-F-**	51	22MP-R*****	460
206	117	200-DP-ALH	46	2025-DA-**	47	22MP-R*****	460
212	117	200DWBPST**	61	2025-D-ALNST	85, 604	230FXF**00000	778
225	117	200DWSP**	61	2025-F-ALNST	85, 604	234-80-4	766
233	631, 672	200-E-**	12, 42	2030-A-**	50	234-80-5	766
250	117	200E-90**	54	2030-AA-**	49	2404-***	414
275	117	200-E-ALH	42	2030-B-**	50	2404-****	414
2000L	775	200-E-HA	34	2030-DA-**	47	2404-****	414
200-A-**	35	200ENOSSS	73	2030-DD-**	49	2405-***	414

Part Number Index

	Page #		Page #		Page #		Page #
2405-...	414	2601-.....	417	2-HR1005	172	300A-90..	53
2405-...	414	2603-..	417	2HTDP	401	300-AA-..	49
2405-...	414	2603-..	417	2HTF2	401	300-A-ALH	35
24PFX-...	448	268B....	347	2VEPDP-A	402	300-A-HA	34
24SFO	408	269C-....	181	2VEPF2	402	300-AL-..	55
24SF XO	408	2700LN-..	418	2WAYBV...	687, 774	300-AL-SSANSI	55
2500HB0000	446	2700LN-..	418	2WAYBV...SW	687, 774	300-ALT-..	58
2500L	775	2701LN-..	419	2WAYBV...VIC3	687, 774	300ASSSAP	763
2500SFV	775	2701LN-..	419	2WCA...F-..	571	300AWBPST..	60
2501-..	416	270AT	358	2WCA...F-SP-..	571	300AWSP..	60
2501-...	416	271-.....	355	2WSA...F	571	300-B-..	36
2501-...	416	272...W	358	2WSA...F-..	571	300B-90..	53
2501-...	416	2720...CLF	366	2WSA...F-..	571	300-B-ALH	36
2503-..	417	273-.....	355	2WSA...F-SP-..	571	300BR....	731
2503-...	417	280-.....	355			300-C-..	12, 38
2503-...	417	282-.....	356	3	391	300C-90..	53
250-A-..	35	284-.....	356	3..	378	300-C-ALH	38
250-B-..	36	286-.....	357	3...	307, 378	300CNOSSS	73
250-C-..	38	287-.....	357	3....	307, 381	300-D-..	40
250-D-..	40	287-...SS	357	3...-	261, 263	300-D-ALPH	761
250-DC-..	44	2870407CLF	366	3...R	378	300D-90..	54
250-DP-..	46	288-.....	357	3..R	378	300DA-45..	52
250-E-..	42	288-...SS	357	30-...	396	300DA-90..	52
250-F-..	43	289-.....	357	30-...DP	396	300-D-ALH	40
250-G-..	78, 79	289-...SAE	357	30-...F	396	300DAT..SS	47
250-G-...	78, 79	290-.....	356	30..RDSSAP	763	300DBAL	622
250GTF..	79	292-.....	356	300-..	408	300-DC-..	44
250GTHK	78	294-.....	358	300-...	408	300-DC-ALH	44
2510-16	795	294-...SS	358	300-....	408	300-DC-ALPH	44
2520-DA-..	47	2A*2-B	152	3000....	192	300DC-L..	48
2530-AA-..	49	2-DFC-..	173	3002....	283	300-DD-..	49
2530-DA-..	47	2-DMC-..	173	300300MAE	752	300DD-45..	52
2540-AA-..	49	2-DTMT-2	175	3004....	283	300DD-90..	52
25H-...	477	2-DTTM-2	175	3004030MAE	752	300-DL-..	55
25H-.....	477	2-DU	174	3006....	283	300-DLT-AL	58
2601-...	417	2ES2-B	324	3009....	190, 283	300-DP-..	46
2601-.....	417	2-HR1004-3	172	300-A-..	35	300-DP-ALH	46

Part Number Index

	Page #		Page #		Page #		Page #
300-DP-ALPH	46	300-PC-••	762	3040-AA-••	49	31440-225AL	760
300DWPST••	61	300PC••AP	763	3040ALTAL	58	3148••••	191
300DWSP••	61	300PRSC••	76	3040-B-••	50	3148••••DOT	203
300-E-••	12, 42	300RHC••	732	3040-C-••	50	31665660DOT	202
300E-90••	54	300RHC•••	732	3040-DA-••	47	3175••••	189, 192, 198
300-E-ALH	42	300-SFC-••	762	3040-DD-••	49	31825600DOT	202
300-E-HA	34	300SSSG	323	3040DLTAL	58	31835600DOT	203
300EL90••	732	300-TCA-••	68	3040-F-••	51	3199••••	199
300EL90•••	732	300-TFA	759	306-••••	345	3210-20	795
300ENOSSS	73	300-TFG	752	3060-DA-••	47	322-••••	345, 734
300-F-••	43	300TP	790	31-••	157	322••••CLF	366
300F-90SS	54	306	117	31-•••	396	324-••••	345
300-F-ALH	43	350	117	31-•••DC	396	3240606CLF	366
300-F-HA	34	375	117	310•••••	283	326-••••	345
300FT••	734	3010-RC-SS	762	3101••••	199	3260404CLF	367
300FT•••	734	3014••••	189	3102••••	190, 199	32P•LJ15	440
300-G-••	78, 79, 752	3015-DA-••	47	3102••••DOT	202	32P•SO15	440
300-G-•••	78, 79	3015-F-••	51	3103••••	191	32PFX••••	448
300GPC•	762	302••••CLF	366	3103••••DOT	203	32SFO	408
300GTF••	79	3020-A-••	50	3104••••	191, 192, 199	32SFXO	408
300GTFACC	79	3020-B-••	50	3104••••DOT	202	330FXF••00000	778
300GTHK	78	3020-C-••	50	3106••••	190, 192, 199	340-••-••	408
300GTHKBF	78	3020-D-••	50	3106••••DOT	201	35••	135
300GTTFCB	58, 782	3020-DA-••	47	3108••••	191, 198	35-••••••	336
300GTTFK	58, 782	3020DAT••SS	47	3108••••DOT	202	35-••••-10	694
300GTTFTK	58, 782	3020-E-••	51	3109••••	190, 192, 198	35••WF	135
300H-PADBR	75	3020-F-••	51	3109••••DOT	202	35••WF2	135
300H-PADSS	75	3020-RD-••	762	3113••••	191	3533••	56
300-HRP-••	75	3025-A-ALNST	85, 604	3114••••	198	3534••	56
300-HSCR-P-SI	75	3025-B-ALNST	85, 604	3114••••DOT	201	3543••	56
300-LH-••	75	3025-C-••	50	3115••••DOT	201	3544••	56
300-MAE	752	3025-DA-••	47	3116••••	190, 199	3646-54	265
300MICAP••	736	3025-D-ALNST	85, 604	3116••••DOT	201	3700••••CLF	367
300MICAP•••	736	3025-E-••	51	3126••••	191, 199	3710••••CLF	367
300MIU••	731	3025-F-ALNST	85, 604	3129••••	191	373••••CLF	367
300MIU•••	731	3040••••CLF	366	3140••••	191, 192, 199	375••••CLF	367
300-P	752	3040-A-••	50	3140••••DOT	203	377••••CLF	367

Part Number Index

	Page #		Page #		Page #		Page #
3804****	187	400--ALGT	59	400-DVR-AL	59, 785	4030-B**	50
3805****	187	40022ALTAL	58	400DWPST**	61	4030-C**	50
3806****	187	40022DLTAL	58	400DWSP**	61	4030-CVR-AL	59, 785
391137	765	400-A**	35	400DWX5TC	63	4030-D**	50
3810-24	795	400A-90**	53	400-E**	12, 42	4030-DA**	47
33155614	192	400-AA**	49	400E-90**	54	4030-DAVR-AL	59, 785
38025600	187	400-A-ALH	35	400-E-ALH	42	4030-DVR-AL	59, 785
3816****	187	400-AL**	55	400-F**	43	4030-E**	51
3889****	187	400-ALT**	58	400-F-ALH	43	4030-F**	51
390-***	408	400-AS-AL	51	400-G**	78, 79	4030-MAE	752
390-***	408	400AWBPST**	60	400-G***	78, 79	4030-RD**	762
3601****	188	400AWSP**	60	400GAGFI	51	40321TF	58, 782
3602****	189	400-B**	36	400-G-BUSS	62	40322TF	58, 782
3604****	189	400-B-ALH	36	400GPCTF	762	4050-AA**	49
3606****	189	400-C**	12, 38	400GTF**	79	4050-DA**	47
3615****	188	400C-90**	53	400GTHK	78	4050-DD**	49
3675****	188	400-C-ALH	38	400GTHKBF	78	4055-3	795
3ES3-B	324	400-CVR-AL	59, 785	400GTTFCB	58, 782	4060-A**	50
3-HR1004-3	172	400-D**	40	400GTTFK	58, 782	4060-AA**	49
3-HR1005	172	400-D-ALPH	761	400GTTFTK	58, 782	4060-DA**	47
3HTDP	401	400D-90**	54	400-LH**	75	4060-DD**	49
3HTF*	401	400DA-45**	52	400-PC**	762	40A-45TCAL	68
3S--15U-GFB*SS	519	400DA-90**	52	400-TCA**	68	40BS-H***	482
3S--2U-GFB*SS	519	400-D-ALH	40	400-TLT-AL	56	40BS-O***	482
3VEPDP-A	402	400-DC**	44	400TP	790	40BS-S***	482
3VEPF*	402	400-DC-ALH	44	401-01	284	40IE***	486
		400-DC-ALPH	44	401-01S	284	40IH***	486
4	391	400DC-L**	48	401	117	40IT***	486
4**	378, 391	400-DD**	49	418	117	40IV***	486
4***	384	400DD-45**	52	450	117	40MP-E***	466
4****	261-267	400DD-90**	52	4433	754	40MP-EZ***	468
4****	261-266	400-DDVR-AL	59, 785	4530	760	40MPF-E***	469
4****R	261, 265, 267	400-DL**	55	4540	760	40MPF-E****	469
4****RF	261	400-DLT-AL	58	452963	133	40MPF-SFY***	469
4****RL	265	400-DP**	46	4020-DA**	47	40MPF-SFY****	469
4**R	378	400-DP-ALH	46	4025-DA**	47	40MPF-U***	469
40**REV90	577	400-DP-ALPH	46	4030-A**	50	40MPF-U****	469

Part Number Index

	Page #		Page #		Page #		Page #
40MPF-UW...	469	42MP-XC..	467	4-DBHU-4	174	5000-...	421
40MPF-XW...	470	42MP-XW..	467	4-DCAP	176	5000-..	421
40MPF-XW....	470	420190158•	541	4-DELU-4	175	5000-...••	421
40MP-G...	467	430FXF••00000	778	4-DFC-•	173	5000-24	760
40MP-G....	467	4380-...	261	4-DFE-2	174	5000-24L	760
40MP-GR...	470	44-251-00006	676	4-DFPLUG	176	5000-25	760
40MP-GRE...	470	4500-5	760	4-DMC-•	173	5000-25RK1	760
40MP-SFY...	466	4500RK	760	4-DME-•	174	500-A-••	35
40MP-SFYZ...	468	4500RK-V	760	4-DRATT-2	174	500-AA-••	49
40MPS-U...	470	450-4S	166	4-DTMT-4	175	500AN4	334
40MP-U...	466	4510-28	795	4-DTTF-4	175	500-AN7	334, 620
40MP-U...DIN	476	452-...	136	4-DTTM-4	175	500AWBPST••	60
40MP-U...RJT	476	4530SG	760	4-DTTT-4	175	500AWSP••	60
40MP-U...SMS	476	4540SG	760	4-DU	174	500-B-••	36
40MP-UW...	466	4540SG-RK•	760	4-DU-2	174	500BFP	336
40MP-UZ...	468	45CIPUSH	789	4EAF•	404	500-C-••	38
40MPV-G...	490	43HTFTFLAL•••••	786	4ES4-B	324	500-D-••	40
40MPV-U...	490	43HTFXTFAL•••••	786	4-HR1005	172	500DA-90••	52
40MP-XC...	467	44HTFXTFAL•••••	786	4HTDP	401	500-DC-••	44
40MP-XW...	467	45HTFXTFAL•••••	786	4HTF•	401	500-DD-••	49
40PFX•...••	448	430TFTFLAL•••••	786	4HTOF•	401	500-DP-••	46
40QH...	486	430TFXTFAL•••••	786	4P•	440	500DWBPSTAL	61
40QT...	486	440TFXTFAL•••••	786	4PSG	65, 758	500DWSP••	61
40SFO	408	450TFXTFAL•••••	786	4RKOBV	786	500-E-••	42
41440-225AL	760	46-003-00001	581	4RKOVIVI	786	500-F-••	43
41450-DCAL	760	46-011-00418	581	4VEPDP-A	402	500-G-••	78
4-1460-AL	65, 758	46-030-00025	541, 543, 676	4VEPF•	402	500GH4VBK	336
41FL-•	179	46F-••	177			500GTCABF	69
41FS-•	179	46F-•••	177	5	391	500GTCABU	69
42777••-000•	277	4895••••	195	5••	378, 391	500GTCATF	69
42F-•	178	48F-••	177	5••••	389	500GTCATV	69
42MP-E••	466	48F-•••	177	5••-••	263	500GTCAVI	69
42MP-G••	467	48F-••••	177	5•••••	261-265, 267	500GTCAVITHK	69
42MP-GRE••	470	48P•LJ15	440	5•••LP	171	500GTFWB	79
42MP-SFY••	466	48P•SO15	440	5••R	378	502••••CLF	367
42MP-U••	466	48PFX•...••	448	500•••••	283	5204	783
42MP-UW••	466	48SFO	408	5000-•	421	5300	67, 783

Part Number Index

	Page #		Page #		Page #		Page #
5400	67, 783	5201-SFI-RK1	65, 758	5605•	423	600-B-ALH	36
5030-DA••	47	5204LNG	67, 783	5605••	423	600-C••	12, 38
504-••••	341	5204LSNG	67, 783	56RBSG••	207	600C-90••	53
5040-C••	50	5204LSNGP	67, 783	57-•••	397, 398	600-C-ALH	38
5040-D••	50	5204NG	783	572-••••	354	600-D••	40
5040-DA••	47	5205-RK4	760	574-••••	354	600D-90••	54
5040-E••	51	5300B	67, 783	575-••••	354	600DA-45••	52
5060-AA••	49	5300BC	64, 67, 783	59-•••	715	600DA-90••	52
5060-DA••	47	5300G	67, 783	590••12CLF	368	600-D-ALH	40
5061212CLF	368	5354K21	67, 783	591••••W	335	600-DC••	44
507-••••	341	5400B	67, 783	591••12CLF	368	600-DC-ALH	44
5071212CLF	368	5400G	67, 783	5911212W	376	600DC-L••	48
5081208CLF	368	5404•	420	5HTDP	401	600-DD••	49
509-••••	341	5404••	420	5HTF6	401	600DD-45••	52
5091212CLF	368	5404-••	420			600DD-90••	52
50-A••		5404-•••	420	6	391	600-DL••	55
50-B••	36	5404-••••	420	6••	184-186, 391	600-DLT-AL	58
50-C••	38	5406-••	420	6•••	184-186	600-DP••	46
50-D••	40	5406-•••	420	6••••	739-741	600-DP-ALH	46
50-DC••	44	5406-••••	420	6••••	261	600DWPSTAL	61
50-DP••	46	5406C•	424	6•••••	262, 265	600DWSP••	61
50-E••	42	5406C••	424	600-••••	408	600-E••	12, 42
50-F••	43	5500•	421	6000•	754, 755	600-E-ALH	42
50-G••	78, 79	5500••	421	6000••	753	600-F••	43
50-G-TF-VI	79	5502•	422	6000••C	756	600-F-ALH	43
50-HP-SP	75	5502••	422	6000ASAL	757	600-G••	78, 79
5110-32	795	5504•	422	6000EHK	755, 756	600GTFVI	79
5111A	352	5504••	422	6000NPHK	755	600-HRP••	75
5141212CLF	368	56-•••	397	6000-SSA	757	6030-DA••	47
520•••••	283	5600•	423	600-A••	35	6040-A••	50
5200-SFI	65, 758	5600••	423	600-AA••	49	6040-D••	50
5200-SFI-3	758	5601•	423	600-A-ALH	35	6040-DA••	47
5200-SFI-3-RK1	758	5601••	423	600-AL••	55	6050-DA••	47
5200-SFI-3V-RK1	758	5602•	423	600-ALT-AL	58	60C••	183
5200-SFI-RK1	758	5602••	423	600AWBPST••	60	60NAB•	206
5200-SFIV-RK1	758	5604•	423	600AWSP••	60	60NAB••	206
5201-SFI	65, 758	5604••	423	600-B••	36	60PT••	183

Part Number Index

	Page #		Page #		Page #		Page #
60RB-..	207	6325.....WP2	313	6500-.....	415	68•X••	184
61•••	715	6326.....WP2	315	6500A	753	6803-•	413
61-...-	712	6340.....WP2	314	6501-...-	416	6803-••	413
61C-...-	183	6351.....WP2	315	6501-...-	416	682C-.....	181
61CL-...-	183	6366.....WP2	316	6501-...-..	416	688-...-	405
61NAB•	206	6382.....WP2	316	6502-•	416	68C-.....	180
61NAB••	206	6388.....WP2	316	6502-••	416	68CIPUSH	789
61RB-...-	207	639C-04	182	6503.....WP2	315	68NAB••••VS	204
61RBSG-...-	207	63NAB•	206	650-4S	166	68NAB••••VS	204
6200	753	63PT-.....	183	6505-...-	415	68NAB••VS	204
6230	754, 756	640-...-...-	408	6505-...-•	415	68RB-.....B	207
6400	756	6400ARK	756	6505-...-••	415	68RBSG-.....	207
6500	753	6400-DTK	756	6505.....WP2	313	69••X•	185
6200•	753	6400SGK	756	6506-...-	415	69••X••	185
6200-•	754, 755	6401-...-	411	6506-...-•	415	69•X•	185
6200••	753-756	6401-...-•	411	6506-...-••	415	69•X••	185
6200-...-	754	6401-...-...-	411	650-6S	166	690-...-...-	408
6200•••	754-756	6403-•	411	6508.....WP2	315	6901-...-	412
6200-15ASSM	754-756	6403-••	411	6509.....WP2	315	6901-...-•	412
6230X	754, 756	6405-...-	412	6579.....WP2	313	6901-...-...-	412
62C-...-	180	6405-...-•	412	65NAB•	205	6901-...-...-	412
62C-.....	181	6405-...-••	412	65NAB••	205	69NAB••••VS	205
62CBH-...-	181	6408HHP-•	413	66••X•	184	69NAB••••VS	205
62NAB•	204	6408HHP-...-	413	66••X••	184	69NAB••VS	205
62NAB••	204	6410-...-	411	66•X•	184	69S••X••	185
62NABH•	204	6410-...-...-	411	6600-•	417	69S•X•	185
62NBH•	204	6410-...-...-	411	6600-...-	417	69S•X••	185
62NBH••	204	6410-40	795	6602-•	417	6-DBHU-6	174
62NFBH•	205	64NAB•	206	6602-...-	417	6-DCAP	176
62NFBH••	205	64NAB••	206	66C-.....	180	6-DELU-6	175
6302.....WP2	314	64P•LJ15	440	66NAB••	204	6-DFC-•	173
6304.....WP2	314	64P•SO15	440	66NAB•••	204	6-DFE-4	174
63046056WP2	314	64PFX•...-	448	66NBH86	205	6-DFPLUG	176
6306.....WP2	314	6500-•	415	67RBSG-...-	207	6-DMC-•	173
6315.....WP2	313	6500-...-	415	68••X•	184	6-DME-•	174
6316.....WP2	314	6500-...-•	415	68••X••	184	6-DRATT-•	174
6322.....WP2	316	6500-...-••	415	68•X•	184	6-DTMT-4	175

Part Number Index

	Page #		Page #		Page #		Page #
6-DTTT-6	175	72S•X•	186	7910••••	193	801-E-••	42
6-DU	174	75-•GH-NY	337	7982••••	193	801-F-••	43
6-DU-4	174	7550-A-••	35	7994••••	195	8060-DA-••	47
6ES6-B	324	7550-E-••	42	7996••••	195	80B••-100HAF	649
6HTDP	401	7550-F-••	43	79NAB••VS	205	80B••-100HCF	649
6HTF6	401	75-A-••	35	79NAB••VS	205	80B••-50HAF	649
6VEPDP-A	402	75AWBPSTSS	60			80B••-50HCF	649
6VEPF6	402	75AWSPSS	60	8	391	850•••	447
6WSDP-A	400	75-B-••	36	8••	184, 391	851•••	136
6WSF6	400	75-C-••	38	8•••	184, 336	855A	353
6WSF6-BOP	400	75-D-••	40	8••••	338	856-•	353
		75-DC-••	44	8••••H	338	856-••	353
7	391	75-DP-••	46	8••••LP	171	861-••	353
7••	391	75DWPSTSS	61	850	117	875-4	766
7••LP	171	75DWSPSS	61	855	353	875-5	766
70••X•	185	75-E-••	42	860	353	8-DBHU-8	174
70•X•	185	75-F-••	43	855206	133	8-DCAP	176
700013-•••	136	75-G-••	78, 79	855231	133	8-DELU-8	175
7065••••	193	75-G-•••	78, 79	8320605	338	8-DFC-•	173
70NAB••	205	75GTFACC	79	800-A-••	35	8-DFE-8	174
70NAB•••	205	75-G-TF-VI	79	800-AL-••	55	8-DFPLUG	176
71••X•	186	75-HP-SP	75	800AWSP••	60	8-DMC-•	173
71••X••	186	75TH2R••SS	284	800-B-••	36	8-DME-8	174
71•X•	186	750	117	800-C-••	38	8-DRATT-12	174
71NAB•••VS	206	7600HP	171	800-D-••	40	8-DTMT-•	175
71NAB••VS	206	7610-48	795	800-DC-••	44	8-DTTM-•	175
71S••X•	186	7660••••	193	800-DL-••	55	8-DTTT-8	175
71S••X••	186	7665••••	193	800-DP-••	46	8-DU	174
71S•X•	186	77-•••	399	800DWSPAL	61	8ES8-B	324
71S•X••	186	77-••••	399	800-E-••	42	8HTDP	401
72••X•	186	7770••••	194	800-F-••	43	8HTF8	401
72••X••	186	7775••••	194	800-G-••	78	8SFO	408
72•X•	186	78-•••	399	800-HNP-BR	75	8SF XO	408
72NAB•••VS	206	78-••••	399	801-A-••	35	8VEPDP-A	402
72NAB••VS	206	7800MP	171	801AWBPSTAL	60	8VEPF8	402
72S••X•	186	79-•••	399	801AWSP••	60	8WSDP-A	400
72S••X••	186	79-••••	399	801-DP-••	46	8WSF8	400

Part Number Index

	Page #		Page #		Page #		Page #
8WSF8-BOP	400	915•	430	A325100•••	642	ADH90M••F	666
		94••U••••	148	A330100•••	642	ADHC•••F	666
9	391	96P•LJ15	440	A510100•••	643	ADHP•••F	666
9••	391	96P•SO15	440	A515100•••	643	ADPW	694
900	766	90FRC••••	573	A525100•••	643	ADS400	51
968	117	90FRC••••F	573	AAPN75GHT	334, 620	ADV150F	554
9•••	379			AB•	122	A•F•-B	152
900•	766	A•	124	AB••	122, 124	AFC•••F-TGWP	614
900•34	766	A••	124	AB•••	37	AFN150	623
9000-48S	163	A3•••••UC	642	ABC••	339	AFN150NST	623
9000-MJ	163	A3•••••UC	642	ABC250	616	AG••	727
900SK	766	A5••-50RAF	672	AB•••EZ	37	AH•••	45
900TK	766	A5•••••UC	643	ABH•••••	655	AHA••••ADP	70, 85, 604
900W•••	766	A5•••••UC	643	ABH10150S	655	AHA••BSP••T	738, 763
9076M	136, 155	A5••U••CBF	643	ABH•••••F	655	AHDBF75	694
90CDMHCB•••••	576	A5••U••CBS	643	ABN100•	625	AH•••EZ	45
90CREV••••	577	A7••	750	ABN150•	625	AHGV250	556
90DCS••••F	569	A7•••	750	AC•••	39	AHGV250F	556
90DCS••••F-••	569	A315-50•••	642	AC1	126	AHGV250F-H	556
90DCS••••NYFD	569	A320-50•••	642	AC7	77, 126	AHGV250F-I	556
90DCS4025F-•	569	A325-50•••	642	ACB304	309	AHW	631
90DCS4030NYFDSP	569	A330-50•••	642	AC•••EZ	39	AHWPT	632
90FR3C••••	574	A510-50•••	643	ACL•	76	AK2079NST	621
90FR3C••••F	574	A515-25•••	643	ACL8	126	AK2079S	621
90IRC••••	573	A515-50•••	643	ACPSO150	626	AK3526-300FL	622
90IRC••••F	573	A515-75•••	643	ACPSO150F	626	AK4450NST	622
90IRC4025G	573	A515OR50RAF	644	AD•••	41	AK••••F	626
90IRC4025GF	573	A515OR50RAS	644	AD400ALEZMTC	63	AKSP1	126
90ISCS4025F	568	A515R50RAF	644	AD90400••	54	AKSP25	126
90PPA•••	86	A515U100CBF	643	ADA••••	48	AL•••	327, 328, 330, 331
90PPC•••	87	A515U100CBS	643	ADA2030EZ	48	AL9	326
90PPD•••	87	A515Y50RAF	644	ADD•••	49	AL455F	328
90PPF•••	86	A525-25•••	643	ADD••••	49	ALTG•••F	673
90SCS4025F	568	A525-50•••	643	AD•••EZ	41	AL-TPR••••	330
90SCS4025NYFD	568	A525-75•••	643	ADH45F••F	666	AL•••XX	327
90TCS••••F	570	A315100•••	642	ADH45M••F	666	AM•	122, 140
90TCS••••F-••	570	A320100•••	642	ADH90F••F	666	AM••	122, 124

Part Number Index

	Page #		Page #		Page #		Page #
AM7T	125	A•S•-B	152	AVAPR•••F	544	B2KMP-G•••	461
AM11WF	125	ASB••	127	AVAPRF•••	544	B2KMP-R••	461
AM11WF-1	125	ASB•••	127	AVAPR•••F-I	544	B2KMP-R•••	461
A•M•-B	152	ASBDV••	549	AVAPRF••••-I	544	B2KM-R•••	494
AMF••	157	ASC•••	127	A•VC•-MG	317	B2KS-G•••P	494
AM•SWIV	125	ASCM••	154, 708	AVF•••	545, 547	B2KS-G•••U	501
AM•WF	125	ASFI••T••B	93	AVF5-250	547	B2KS-R•••P	494
ANH••	127	ASFI••T••T	93	AVF•••-I	546	B2KS-R••P	494
ANH•••	127	ASHV1015F	554	AVG250F-I	546	B2KS-R•••U	501
ANSI••	749	ASP310•-40	136	AVGF250-I	546	B2KS-R••U	501
ANT•••	625	ASP•-BV	154	AV•••-I	546	B2S-G•••P	493
ANT•••F	625	AST•	285	AV•••-N	547	B2S-G•••U	501
APN••••	723	AST••	285	AVN••••-200	750	B2S-R•••P	493
APRD250NYC	545	ASTB••	286	AV•••NYFD	545	B2S-R••P	493
APRD•••F	545	ASTB•••	286	AV•••-RBR	545, 547	B2S-R•••U	501
AQ62DOT•	200	ATC40ASSAPI	64	AV•••S	545	B2S-R••U	501
AQ64DOT•	200	ATC40ASSDDA	64	AV•••-W	541	B2SXL••-R•••	495
AQ68DOT•X•	200	ATCA40	62	AV•••-WR	547	B2WCL-G•••P	493
AQ69DOTS•X•	200	ATCF40	62	AWR4	126	B2WCL-G•••U	501
AQ69DOT•X•	200	ATCF40-90	62	AWR14	126	B2WCL-R•••P	493
AQ71DOTS•X•	200	ATCG40-90	62	AWS6	126	B2WCL-R••P	493
AQ72DOTS•X•	200	ATCGF40	62	AWSG	321	B2WCL-R•••U	501
AR3000-A2	328	ATCS40	62	AWSG-TG	321	B2WCL-R••U	501
AR3500	330	ATCT••	63	AWSG-W	321	B2WK-G•••P	494
AR5000-1	331	ATN100X7	786			B2WK-G•••U	501
AR20831	331	ATS7838F	170	B•	111, 114, 116	B2WK-R•••P	494
AR503830SSP	330	ATS7838M	170	B••	111, 114, 116, 117	B2WK-R•••U	501
AR-BROOM16	331	ATS••••H	170	B2CM-G•••	493	B2WK-R••U	501
AREP400AS	575	ATTFST40CS	68, 291	B2CMP-G•••	461	B2WUL-R•••P	499
ARPW••F••F	562	AV•••	545, 547	B2CMP-R••	461	B2WUL-R•••U	505
ARPW••F••S	562	AV•••••	545	B2CMP-R•••	461	B2WUMP-R•••	464
AR-REEL100	330	AV5-250F	547	B2CM-R•••	493	B6-1	114
ARSMSA•••F	600	AV5-250NYFD	547	B2E-G•••	480	B07-202•GC	244
ARSMSA••F••T	600	AV250NYC	545	B2F-G•••	480	B07•••AG	245
ARTEL18A	328	AV251NYC	547	B2FMP-14-G•••	461	B07•••MG	245
ARTEL-BELT	328	AV251NYFD	547	B2FP-G•••	493	B7MP-G•••	462
AS156	754, 755	AV2531	547	B2KM-G•••	494	B7MP-R••	462

Part Number Index

	Page #		Page #		Page #		Page #
B7MP-R...	462	B18-•MGMB	223	B31W-R.....U	504	B72G-•MG-MB	252
B7MPS-R...	462	B19MPX-R...	488	B31W-R.....U	504	B73G-•AG	252
B7RMP-G.....	462	B19WB-G...	502	B31W-R.....U	504	B73G-•AG-MB	252
B7RMP-R.....	462	B19WV-R...	488	B32W-G.....P	498	B73G-•MG	252
B7RMP-R.....	462	B19WX-R...	488	B32W-G.....U	504	B73G-•MG-MB	252
B7RWWW-G.....P	496	B22WB-G...	502	B32W-R.....P	498	B74G-•AG-MB	252
B7RWWW-G.....U	503	B23BMP-G...	457	B32W-R.....P	498	B74G-•MG-MB	252
B7RWWW-R.....P	496	B23BMP-R...	457	B32W-R.....U	504	B3114MP-G.....	463
B7RWWW-R.....U	503	B23BMP-R...	457	B32W-R.....U	504	B3114MP-R.....	463
B7W-G...P	496	B24PS-G•	507	B38SL-G...	506	B3114MP-R.....	463
B7W-G...U	503	B24PS-G...	507	B38SL-R...	506	B3115F-G.....	480
B7W-R...P	496	B24PV-G...	489	B38W-R...	506	B3214MP-G.....	463
B7W-R•P	496	B24RG-G•	507	B45AB-R...	530	B3214MP-R.....	463
B7W-R...U	503	B24RG-G...	507	B45AB-R.....	530	B3401-••	425
B7W-R•U	503	B24RPH-G•	508	B45AB-RK	530	B3401-•••	425
B7WWW-G...P	496	B24RPH-G...	508	B45BC-R...	530	B3455-••	425
B7WWW-G...U	503	B24RV-G...	489	B45BC-R.....	530	B3455-•••	425
B7WWW-R...P	496	B25-G.....	508	B45BY-R...	529	B3800-••	425
B7WWW-R...U	503	B25-G.....	508	B45BY-RK...	529	B3800-•••	425
B08-02AG	211	B25-G.....	508	B45BY-SK...	529	B3801-••	425
B08-02AGMB	211	B28-•AG	224	B45BY-SKV...	529	B3801-•••	425
B9MP-G...	463	B28-•AGMB	224	B45BY-TB...	529	B5101E...CC-A	524
B9MP-R...	463	B28AMP-R...	464	B45CC-R...	530	B5101E...CC-B	524
B9WWW-G...P	498	B28BMP-R...	464	B45CC-R.....	530	B5101E...CC-C	525
B9WWW-R...P	498	B28-•MG	224	B45MP-R•	528	B5101E...CC-F	527
B11-•WJC	269	B28-•MGMB	224	B45MP-RK...	528	B5101E...CC-G	527
B11-•WJCR	269	B28WA-R...P	499	B46MP-R...	528	B5101E...CC-H	527
B16-•••	395	B28WA-R...U	505	B46MP-RK...	528	B5101-RKE...	525
B16-•••S	109	B28W-R...P	499	B54BMP-R...	510	B5101-RKS...	525
B16-•••S	109	B28W-R...U	505	B54BMPS-GL...	511	B5101-RKV...	525
B16W-G...	502	B31TP-G.....	480	B54BMP-SK...	510	B5101S...CC-A	524
B17-•••	395	B31W-G.....P	497	B54BMPS-R...	511	B5101S...CC-B	524
B17-•••S	109	B31W-G.....U	504	B54BMPS-SK...	511	B5101S...CC-C	525
B17-•••S	109	B31WMP-G.....	456	B54G-P...	510	B5101V...CC-A	524
B18-•AG	223	B31W-R.....P	497	B72G-•AG	252	B5101V...CC-B	524
B18-•AGMB	223	B31W-R.....P	497	B72G-•AG-MB	252	B5101V...CC-C	525
B18-•MG	223	B31W-R.....P	497	B72G-•MG	252	B5102E...-A	526

Part Number Index

	Page #		Page #		Page #		Page #
B5102E...-F	527	BBFVW...E	711	BD...	41	BGHF..	338
B5102E...-G	527	BBLV..	140, 679	BD...EZ	41	BGHM..	338
B5102E...-H	527	BBLV...	679	BDS..	425	BGV..	691
B5102-RKE...	526	BBU..	116	BEC..	750	BGV...	691
B5102-RKS...	526	BBU..	116	BF..	346	BH...	45
B5102-RKV...	526	BBV..	678	BF...	346, 351	BH6	75
B5102S...-A	526	BBV75FP	678	BF30...-.....	517	BH...EZ	45
B5102V...-A	526	BBV100	678	BF302...-.....	517	BHSC34	75
B5121E...-LLBBC	710	BBV...DTW	693	BFC...	160	BHSC152	75
B5121E...-LL-BBC	710	BBV...DTW	693	BFC....	160	BHSC175	75
B5121E...-LLBCC	710	BBV...DW	134, 692	BFL...	351	BHT....	735
B5121E...-LL-BCC	710	BBV...DWV	134, 692	BFM...	351	BIA250•	602
B5121E...-WWBBC	709	BBV...FP	678	BFM...B	351	BIB250•	602
B5121E...-WW-BBC	709	BBV...LV	680	BFMW....	351	BIC150	603
B5121E...-WWBCC	709	BBV...LV	680	BFN...	617	BID250•	602
B5121E...-WW-BCC	709	BBV...SR	679	BFN75	617	BIDC250	603
B5416MP-A...	510	BBV...SR	679	BFN75GHT	617	BIDP250	603
B5416MP-A.....	510	BBV...ST	680	BFNE150	618	BIE150	603
BA..	341	BBV...ST	680	BFNE150NST	618	BIF250•	602
BA...	341	BBV...TW	693	BFN...NST	617, 672	BIT-KIT	326
BA....	342	BBV...TW	693	BFO...	363	BL...	765
BA31-...	764	BBV...VT	680	BFP200	674	BL810R50RAF	649
BA32-...	764	BBV...VT	680	BFS..	350	BL810R50RAS	649
BA61-...	764	BC..	340	BFS...	350	BL810R100RAF	649
BA62-...	764	BC...	39	BFSCN250•	622	BL810R100RAS	649
BAC-...	764	BC61-...	764	BF..SS	346	BLCA152CS	77
BA•F•F	342, 737	BC62-...	764	BFVL...	711	BL...NS	765
BAS...	341	BCC-...	464	BFVL...E	711	BL-RK•	765
BB•	116	BC...EZ	39	BFVW...	711	BL-RK..	765
BB..	113, 116	BCF..	340	BFW...	351	BL-RK...	765
BB...	37	BCM..	340	BFW....	351	BLS..	304
BB3-0•AG	210	BCN..	140, 260, 342, 737	BGB•	113	BLS...	304
BB3-0•AGMB	210	BCN...	260, 342, 737	BGB..	113	BLS...NST	304
BB3-0•MG	210	BCP-...	764	BGE..	162	BLS•NST	304
BB3-0•MGMB	210	BCV...	160	BGE6	162	BLT.....	751
BB...EZ	37	BCW-...	500	BGF..	113	BM•	299, 349
BBFVW...	711	BD	116	BGH..	338	BM...•	299, 349

Part Number Index

	Page #		Page #		Page #		Page #
BM••	299, 349	BRN150	619	BST•	285	BVTSO150NST	627
BMA•••	341	BRN150NST	619	BST••	285	BVTSO150NST-200	627
BMAS•••	321	BRN150NST-I	619	BTB-T••	800	BW10150S-PC	655
BMS•	115	BRN150S-I	619	BTB-T••Z	800	BW••AT	655
BMS••	115	BR••••SS	731	BTN75	334, 620	BW••••F-PC	655
BMV••	679	Brute2	651	BU•	116	BWSG	321
BMV100	679	BruteXpand	651	BU••	116, 117	BWSG-TI	322
BN•	335, 619	BS••	117	BV2•	156	BWSG-W	321
BN••	346, 619	BS••••••••	517	BV2BV•••11••	700	BZ4051	759
BN•••	160, 346	BS•••	301, 339, 671	BV2BV•••11-BBC	701	BZ4051S	759
BN••••	160	BS••••••••	517	BV2BV•••11-BCC	701		
BN••BSPT	346	BS••••••••	517	BV2CV•••CC-A	522	C••	744
BN••F	619	BS61•••	764	BV2GG•••CC-A	523	C•••	744
BNH••	127	BS62•••	764	BV2HG•••11••	696	C••••	792
BNH•••	127	BSB••	797	BV2HG•••11-BBC	697	C2	389
BN••NYFD	619	BSB•••••	797	BV2HG•••11-BCC	697	C03-0•A	212
BN•••RU••	360	BSB•••••	797	BV2IC•••WW-A	685	C03-0•AMB	212
BN••RU••	360	BSB••	127	BV2IG•••11••	698	C03-0•M	212
BN•••RU••SS	360	BSB•••	127	BV2IG•••11-A	685	C03-0•MMB	212
BN••RU••SS	360	BSB-20Z	797	BV2IG•••11-BBC	699	C08-02A	212
BNS••	321	BSB••T	797	BV2IG•••11-BCC	699	C11••A	272
BNS••SS	321	BSB••T•••	797	BV2IG•••33-A	685	C11••M	272
BNT•••F	618	B••SC	112, 140	BV3BV•R•••1	704	C16••A	227
BOC-T••	800	BSC••	127	BV3BV•R•••1BBC	705	C16••AMB	227
BP•••••	718	BSCCQ3-R•••	515	BV3BV•R•••1BCC	705	C16••M	227
BPF••	355	BSCCQ4-R•••	516	BV3IG•F•••1••	702	C16••MMB	227
BPF•••	160, 355	BSCCQ•-R•••	515	BV3IG•F•••1BBC	703	C18••A	228
BPFS••	355	BSCCS•-R•••	515	BV3IG•F•••1BCC	703	C18••AMB	228
BPM•	358	BSKTST•••F	668	BVDSO•••	627	C18••M	228
BPM••	358	BSKTST•••S	668	BVDSO•••NST	627	C18••MMB	228
BPN••	355	BSM••	342	BVFS••	713	C26••A	228
BPN•••	355	BS••N	301	BVSO•••	627	C26••AMB	228
BP•••••T•••	718	BSO150-H	618	BVSO150-125	627	C26••M	228
BR••••	369, 731	BSO150NST	618	BVSO150NST-125	627	C26••MMB	228
BR••••B	731	BSO150S	618	BVSO•••NST	627	C28••A	229
BR••••FS	731	BSS61•••	764	BVTSO150	627	C28••AMB	229
BR••••G	731	BSS62•••	764	BVTSO150-200	627	C28••M	229

Part Number Index

	Page #		Page #		Page #		Page #
C28-••MMB	229	CF400-•CSHD	23	CI96	789	CSN75	334
C31-08FRAME	141, 231	CFB75GHT	628	CI96AH	789	CSS•••••CS	288
C31-••A	229	CFB250NYC	628	CI9311SML	789	CSS•••••CS	288
C31-••AMB	229	CFB•••CF	628	CILR•••	450	CSSR•••	450
C31-••M	229	CFB•••NST	628	CL••••	369	CSSR•••CS	451
C31-••MMB	229	CFB•••NYF	628	CL••••••	369	CS•••••SS	14, 15, 292, 293
C119-••A	272	CFB••••S	628	CMF••	154	CS•••••SS	14, 15, 292, 293
C119-••AMB	272	CFB•••S	628	CN	103	CSSTF••F••T••	579
C119-••M	272	CF•••••CS	16, 17, 294, 295	CN•••	260, 742	CSSTM25F30T••	579
C119-••MMB	272	CF•••••CS	16, 17, 294, 295	CN•••B	344	CTER•••	450
C33112•	172	CFFR150	623	CNB75GHT	335, 630	CT•••L	383
CAB•••	300	CFFR150NST	623	CNB75GHT-GD	335, 630	CV•••	713
CAB•••N	301	CFG•••NST	628	CN•••G	742	CVS••	77
CAL••	77	CFG•••S	628	CN-P	103	CWG-C-•••••	796
CAP•••FABS	612	CFR-••	657	CN-PLUG	103	CWG-S-•••••	796
CAP•••F-C	612	CFR47-1-•••	657	CN•••SS	742	CWH50	333
CAP•••F-C-LH	612	CFR47-150-•••	657	CPV•••F	549		
CAP•••SABS	612	CFR47-C•	657	CR	384	D••	140, 159, 695
CAP•••S-C	612	CFS800-•CS	18	CR-C	103	D•••	168
CB	111, 114	CF•••••SS	16, 17, 294, 295	CR-CAP	103	D•••••	653
CB6-••AG	223	CF•••••SS	16, 17, 294, 295	CR-S	103	D2C•••••	97
CB6-••AGMB	223	CG•••	389	CRWC	384	D8••Y50RAF	644
CB6-••MG	223	CGN150S	621	CS•••	389	D8••Y100RAF	644
CB6-••MGMB	223	CGN•••NST	621	CS•••••AL	14, 292	D18-04M	230
CBB•••	300	CGN•••-TIP	621	CS•••••AL	14, 292	D18-04MMB	230
CBC••	340	CGSN•••F	621	CSB•••	301	D28-••MMB	230
CBSR•••	450	CGSN•••S	621	CS•••••CS	14, 15, 292, 293	D34••	157
C•••BU	744	CH-B-•	77	CS•••••CS	14, 15, 288, 292,	D75AL	695
C••BU	744	CH-B-••	77	293		D150SDB	322
CC	114	CH-B-6	614	CSC-T••-1	801	D201	162
CC••••	167	CH-B-12	614	CSC-T••-2	801	D201RT	163
CC•••••B	167	CH-C-••	77	CSCTF25F30T••	580	D204-30	161
CCF••••	124	CH-SS-•	77	CSCTM25F30T••	580	D204-30P	161
CCH50	333	CH-SS-••	77	CSES150F	675	D204-30SB	161
CD	116, 124	CH-SS-6	614	CSES150T	675	D263	653
CDMHCB•••••	576	CH-SS-12	614	CSES2015F	675	D263F	653
CF400-••CSHD	23	CI9	789	CSM•••	301	D605	162

Part Number Index

	Page #		Page #		Page #		Page #
D815-25***	644	DBV-WB***	747	DDA*****105	92	DFN100-NPNF	769
D815-50***	644	DC•	146, 150	DDA*****105FL	92	DFN100*-NPNF	768
D815-75***	644	DC••	146, 150, 151, 153, 164	DDA***AL	92	DFP****	595
D815Y50RAS	644	DC***	150	DDA***ALFL	92	DFP****F	595
D815Y100RAS	644	DC****	146, 147, 150, 151	DDA***AL***TTMA	92	DFP****F-D	595
D825-25***	644	DCB••	147	DDA***BR	92	DFP••F••S	595
D825-50***	644	DCB****	147	DDA***BRFL	92	DFP••NYFD••NYFD	595
D825-75***	644	DC****L	146, 151	DDA***SS	92	DFR****	595
D815100***	644	DC***L	150	DDA***SSFL	92	DFR****F	595
D825100***	644	DCL••	788	DDC*****105	91	DFVS••	312
DAA***AL	94	DC****LSE	148	DDC400AL	64	DG***	282
DAA***ALFL	94	DCM1	791	DDC400AL164TTMA	64, 91	DG****	282
DAB•	772	DCP•	149	DDC***AL	91	DG*****	282
DAB••	772	DCP••	144, 149, 151, 153, 164	DDC***BR	91	DGA***SS	98
DAC****	772	DCP***	149	DDC***SS	91	DGA***SS***	98
DAC***AL	93	DCP****	144, 145, 149, 151	DDC***SSFL	91	DGA***SSFL	98
DAC***ALBSP	93	DCP****B	144, 145	DDDC***	92	DGC***SS	98
DADC250	94	DCP••B	144	DDDC300105	92	DGDC***	92, 98
DADP250	93	DCP****L	145, 151	DDDP***	91	DGDP***	98
DATL***	156	DCP***L	149	DDDP300105	91	DGH7	337
DATL***W	156	DCP****S	145	DDSA***SS	109	DGH7C	337
DAWS••	772	DCP••S	144	DDSC***SS	109	DGH7CSS	337
DB•	114	DCP••SWIV	143	DDT1	791	DGH7CV	337
DB••	114	DCP•SWIV	143	DEFN075	771	DGH7P	337
DBA•••••	96	DC****S	146	D•••••F	653	DGH7PSS	337
DBAF•••••	96	DC••S	146	DF16-•••	633	DGH7SS	337
DBAF••••••	96	DC•S	146	DFC••	176	DGH7V	337
DBAV73-2030	96	DCS••	147	DFC•••	176	DGHW7	337
DBC•••••	95	DCS****	147	DFG•	168	DGLBV••	692
DBC•••••-GL	95	DCS4025F-•	569	DFH-9283-100	671	DGLBV***	692
DBCL-•••	95	DCS4030NYFD	569	DFH-9292-001	671	DHR•	789
DBGV••	691	DC****SE	148	DFN***	769	DHS•••••	796
DBGV***	691	DC••SE	148	DFN100•F	768	DHS90-•••	796
DBS•••••	95	DC•SE	148	DFN100F-NC	770	DHS159-1-•••	796
DBV-BL***	747	DCS****F	569	DFN100F-NPNF	770	DHS•BF	666
DBV-BN***	747	DCS****F-••	569	DFN100-NC	769	DHSSC6	666
DBV-VB***	747	DD	116	DFN100••-NC	768	DIN-SMS-60/90SP	474

Part Number Index

	Page #		Page #		Page #		Page #
DIN-SMS90/155SP	474	DMP••F••T	583	DSK••	791	EL90•••B	732
DKC1	154	DMP••S••T	583	D••SL	169	EL90•••FS	732
DL••	391, 405	DMR••••	583	DST••	312	EL90••FS	732
DL•••	391	DM••••RAF	638	DSTW	794	EL90•••G	732
DL••••	382	DM•••••RAF	638	DTW••	654	EL90••G	732
DLB12	118	DM••••RAS	638	D••U	170	EL90•••SS	732
DLS••••	382	DM•••••RAS	638	DW••••	792	EL90••SS	732
DM•	298	DM••••RAT	638	DWG050	323	EL•F•F	345, 732
DM••	298	DM•••••RAT	638	DWL100	794	EL••H•M	348
DM•••	298	DMR••••F	583	DX••••	657	EL•H•M	348
DM150SDB	322	DMR••F••S	583	DXHDR25HC	660	EL•H•MSS	348
DM815W50•••	645	DMR••F••T	583	DXHDR25PB	660	E••M••B	325
DMH••••	582, 742	DMR••S••T	583	DXHDRC25HC	660	ENBG1	165
DMH20DR20	695	DM•••••UC	638			ENBL	103
DMH25F25NYFD	584	DM••••UC	638	E73••A	258	ENBL-P	103, 107
DMH25NYFD20T	584	DMXL••	298	E73••M	258	ENBL-P•	107
DMH••••D	583	DN••	176	E73•••MB	258	ENBL-PLUG	103
DMH••••F	582	DN•••	176	E74••A	259	ER••••	654
DMH••••F-D	583	DN7••OBF	770	E74••A-MB	259	ER•••••	654
DMH••F••F	582	DN7U••BF-NC	770	E74••M	259	ERJ	103
DMH••F••F-D	583	DN7U••BF-NPNF	770	E74••M-MB	259	ERJ-C	103
DMH••F••S	582	DNOG6	771	EA•F•	404	ERS	103
DMH••F••S-D	583	DNOG6RB	771	EC•••	750	ERS-C	103, 107
DMH••••NYC	584	DP2-01•••	236	EF111••	665	ERS-C•	107
DMH••••NYFD	584	DPW	694	EF161••F	665	ERS-CAP	103
DMH••NYFD••NYFD	584	D••R	169	E••F••B	325	E•S•	325
DMH••S••S	582	DRC••	176	EFN•••	624	E•S•-B	325
DMH••••T	742	DRC•••	176	EFN1••NST	624	ETP	790
DMH••T••S	582	DRK15	791	E••F••S	325		
DMH••T••T	582	DRP-85-059	233	EK602•	273	F•	385, 388
DMIL250F	548	D••S	169	EK602VB	273	F••	385, 388
DMIL2530F	548	DSB••	312	EL••••••	308	F•••	438
DMOCA••225F	567	DSBV••	683	EL•••••••	308, 311	F•••	385, 388
DMOCA•0225F••	567	DSBV•••	683	EL45••	734	F••••	438
DMP••••	583	D••SC	695	EL45•••	734	F03-0•A	209
DMP••••F	583	DSCV••	714	EL90••	732	F03-0•AMB	209
DMP••F••S	583	DSCV•••	714	EL90•••	732	F03-0•M	209

Part Number Index

	Page #		Page #		Page #		Page #
F03-0•MMB	209	F72G•M-MB	246	FC•••	611	FHPR150••CBF	656
F07-200•C	244	F73G•A	246	FC••••	306, 307	FHPR2515	656
F07•••A	245	F73G•A-MB	246	FC•••••	307, 310	FHR	674
F07•••M	245	F73G•M	246	FCB48	672	FHR-C	659
F08-0•M	209	F73G•M-MB	246	FC••F	611	FHR-C1	659
F08-0•MMB	209	F74C•A-MB	248	FC••F•	611	FHR-V•	659
F08-02A	209	F74G•A	247	FC••F-D	614	FJB••••	798
F08-02AMB	209	F74G•A-MB	247	FCM••••	306	FJB-20Z-20	798
F16••A	213	F74G•M	247	FCSB•••	301	FJC•••••	798
F16••AMB	213	F74G•M-MB	247	FCSM•••	301	FJC-20Z-20	798
F16••M	213	F74H•A-MB	248	FC•••••ST•••	310	FJC45•••••	799
F16••MMB	213	F74V•A-MB	248	FC••••ST••	307	FJC45-20Z-20	799
F17•••A	247	F602••BJ	268	FD47-C2	658	FJC90•••••	799
F17•••M	247	F602••BJR	268	FD47IR-150-100	658	FJC90-20Z-20	799
F18••A	213	F602••WJ	268, 269	FFB•••	431	FJC-T••	800
F18••AMB	213	F602••WJR	268, 269	FFBSO150	627	FJR-T••	800
F18-C00•	247	FA••	749	FFBSO150NST	627	FJS•••••	798
F18••M	213	FAB•••	300	FFBSO150	627	FJS-20Z-20	798
F18••MMB	213	FAB•••N	301	FFBSO150NST	627	FJS45•••••	799
F23-04M	231	FAK25P	794	FFC•••	431	FJS45-20Z-20	799
F26••A	213	FAPRAV250F	543	FFH15NYFD15NYFD	599	FJS90•••••	799
F26••AMB	213	FAPRAVF250	543	FFH••••F	599	FJS90-20Z-20	799
F26••M	213	FAPRAVG250•	543	FFH••F•F	599	FL••••	438
F26••MMB	213	FAPRV•250	543	FFH••••NYFD	599	FL•••••	438
F28••A	214	FBB•••	300	FFH••T•S	599	FLBV•••CS	689
F28••AMB	214	FBSO100•	625	FFN•••	623	FLC0318••	428
F28••M	214	FBSO100•-PG	625	FFN75GHT	623	FLC0319••	428
F28••MMB	214	FBSO150•	625	FFN•••NST	623	FLC2402•••••	426
F30••A	214	FBSO150•-PG	625	FFS•••	431	FLC2403••	427
F30••AMB	214	FBV••	681	F•G•••••	451	FLC2404••	426
F30••M	214	FBV•••	681	FGH••	332	FLC2404•••••	426
F30••MMB	214	FBVG••	682	FHCS150	633	FLC2405••	427
F35-0•AMB	214	FBVG•••	682	FHHR••	661	FLC2405•••••	427
F35-0•MMB	214	FBVL••	681	FHHR-C	661	FLC2500••	428
F72G•A	246	FBVL•••	681	FHHR-C•	661	FLC2501••	427
F72G•A-MB	246	FBV•••SE	682	FHPR150	656	FLC2501•••••	427
F72G•M	246	FBV••SE	682	FHPR150-100CBF	656	FLC2603••	428

Part Number Index

	Page #		Page #		Page #		Page #
FLG***E	749	FMR***	723	FOS•	385	FRX-C	101
FM***	723	FMR****	723	FOS••	385	FRXCAP	101
FM****	591, 723	FMR*****	308	FOS***	385	FS•	385
FM25NYC25F	593	FMR*****	308	FP***	613	FS••	385
FM25NYC25T	593	FMR*****	308	FP****	309	FS***	385
FMB***	723	FM•S•	591	FP*****	309, 311	FS304C•	410
FMB****	723	FMS***	723	FP475S	622	FS304C••	410
FMBTFLY•F•F	564	FMS****	723	FP500•	622	FS2403•	409
FMBV•F•F	562	FM•S•F	591, 592	FP***F	613	FS2403••	409
FMBV•S•S	562	FM•S•F-D	594	FP***F•	613	FS2404•••	409
FM****F	591, 592	FM•S•T	591, 592	FP***F-D	613	FS2404••••	409
FMF***	722	FM•S•T-D	594	FR3C****	574	FS2408•	410
FMF****	722	FM****T	591, 592	FR3C6025F	574	FS2408••	410
FMF***-45	722	FN600	100	FRA	100	FS2501•••	410
FMF****-45	722	FN600B	100	FRA-C	100	FS2501••••	410
FMF***-90	722	FN600BL	100	FRA-NI-C	100	FS2603•	410
FMF****-90	722	FN600BL-NI	100	FRC4025	572	FS2603••	410
FM***F-D	594	FN600B-PLUG	100	FRC4025F	572	FS6400•••	409
FM•F•F	591, 592	FN600S	102	FRC6025	572	FS6400••••	409
FM•F•F-D	594	FNB75GHT	335, 629	FRC6025F	572	FS6500•••	409
FM•F•NYC	593	FNB75GHT-GD	335, 630	FRC6025NYFD	572	FS6500••••	409
FM•F•NYFD	593	FNB75S	629	FR-CAP	100	FS6602•	410
FM•F•S	591, 592	FNBE150NST	629	FRP-95•••	155, 233, 234, 241,	FS6602••	410
FM•F•S-D	594	FNBE150S	629		242	FS6801•••	409
FM•F•T	591, 592	FNB***NST	629	FRP-96•••	233, 241	FS6801••••	409
FM•F•T-D	594	FNB***S	629	FRRE-T•	801	FSA****F	605
FMGR•F•F	560	FNG***NST	629	FR-RS	100	FSA****S	605
FMGV30•F•F	559	FNG***S	629	FR-RS-C	100	FSA****T	605
FMGV•F•F	558	FN***NST	629	FR-RS-R	100	FSB	102
FMI*****	308	FNPSO150•••	662	FRR-T•	801	FSBV2525F	561
FMI*****	308	FN***S	629	FRS	100	FSBV***F	561
FMI*****	308	FNS	102	FRS-C	100	FSBVR3•••F	563
FM***NYC	593	FNS2	102	FRSGX•	795	FSCV•	713
FM***NYFD	593	FNSID	102	FRSGX110	795	FSCV***	713
FM•NYFD•F	593	FO•	385	FRT****	735	FSGLBV•	692
FM•NYFD•NYFD	593	FO••	385	FRV250	559	FSGLBV***	692
FM•NYFD•T	593	FO***	385	FRX	101	FSGR***F	560

Part Number Index

	Page #		Page #		Page #		Page #
FSG•RK	677	FT••SS	734	G•••-B-••••	81	G••-DP-••	83
FSGV••	691	FVFA••	312	GB•	111	G•••-DP-••	83, 95
FSGV•••	691	FVL••	312	GB••	111	G••-E-••	82
FSGV•••F	557	FVS••	312	GB6-1	111	G•••-E-••	82
FSGVR30-•••F	558	FVSP••	312	GBA••	118	G••••-E-••	84
FSGVR-RK	677	FW••	439	G•••-B-ALNST	85, 604	G••••E	751
FSHV•••F	559	FWV••F••F	562, 663	GBB••	118	G•••E	751
FSHV-RK	677	FWV••F••S	663	G•••BL	747	G•••-E-••CR	13
FSSV3-•••F	565	FWV••S••S	562, 663	GBR••	275	G••-F-••	82
FSSV4-•••F	566	FX1500	101	GBR•••	275	G•••-F-••	82
FSSV•••F	565	FX1500P	101	GBR••••	275	GF•	111
FST••	287	FX1500PLUG	101	GBRW••	281	GF••	111
FST•••	287	FX1500S	101	GBRW•••	281	GF•••	111
FST40CS	68	FX1500SP	101	GBRW••••	281	GF26-1	111
FST••CS	20, 287, 291			GBRW30R	281	G•••-F-ALNST	85, 604
FST•••F	668	G••••-00	715	G••-C-••	81	GFAS•	112
FSTP-LD-••F	670	G5•••	444	G•••-C-••	81	GFAS••	112
FSTP-LS-••F	670	G9	69	G•••-C-••••	81	GFN150	623
FSTP-SD-••F	670	G10	69	G••••-C-••	84	GFN150NST	623
FSTP-SS-••F	670	G75HRPSS	83	GC•	111	GF•••P•	112
FST•••S	668	G400-AL-AL	84	GC••	276, 281	GF••P•	112
FSW•	633, 663	G400-DL-AL	84	G•••-C-••CR	13	GFR••	102
FT••	734	G3050	784	G••-D-••	82	GFR•••	102
FT•••	734	G••-A-••	81	G•••-D-••	82	GFR1-•	102
FT6••	784	G•••-A-••	81	G•••-D-••••	82	GFR1-••	102
FT6••••	784	G••••-A-••	84	G••••-DA-••	84	GH••••	115
FT600	784	G•••-AA-••	84	G•••-D-ALNST	85, 604	GHC7	341
FT600•	784	G••••-AA-••	84	GDB•	111	GHGN	336
FT600SC	784	G•••-A-ALNST	85, 604	GDB••	111	GHN75	624
FT620S	784	GAM•	123	G••-DC-••	83	GHN75-B	624
FT••B	734	GAM••	123	G•••-DC-••	83, 96	G•••HRP	83
FT•••FS	734	GAS••••NO	71, 289, 724	G•••-DC-••••	83	G••HRP	83
FT••FS	734	GAS••••NOS	73, 289, 439	G•••-DD-••	84	G•••HRPSI	83
FT•••G	734	GAS••••TO	439	GDF•	118	G•••HRPSI	83
FT••G	734	GAW	632	GDF••	118	G•••••HRPSS	83
FTH100	795	G••-B-••	81	GDL•	118	G•••HRPSS	83
FT•••SS	734	G••••-B-••	81	GDL••	118	GHV	336

Part Number Index

	Page #		Page #		Page #		Page #
GHY	336	GPA-96-***	234, 235, 237-240,	H***	746	HA****-D	594
GHYV	336		242	H5***	444	HAD***EZ	34
GIBFV***	750	GPA-97-***	234, 237, 239, 242	H5***-A	444	HA****F	586
GJ**	118	GROOVLUB32	751	H5***-A-BU	444	HA****F-D	594
GL***	140, 276, 281	GRP-95-***	233, 234, 237, 239,	H5***-BU	444	HA**NYC**T	587
GLBR**	279		242	H5***NST	444	HA**NYFD76	587
GLBR***	279	GRP-96-***	233, 234, 236, 237,	H5**R50UC	647	HA**NYFD**F	587
GLBR****	279		239, 241, 242	H5**R100UC	647	HA**NYFD**S	587
GLBR**-4	279	GS**-4	276	H6**	447	HA**NYFD**T	587
GLBR***-4	279	GS***-4	276	H52**-A	445	HA**S**	586
GLBR****-4	279	GS****-4	276	H52**-A-BU	445	HA**S**F	586
GLBR100004	279	GSAFETYCLIP	83	H52**L-A	445	HA**S**S	586
GLBRC**	279	GSS**	278	H52**L-A-BU	445	HA**S**T	586
GLBRC***	279	GSS***	278	H57**	446	HA****T	586
GLBRC****	279	GSS****	278	H420R50RBS	647	HA****T-D	594
GL**FG	277	GSS*****	278	H420R50UC	647	HA**T**F	586
GLP***	280	GSS**-4	278	H507**-BU	446	HA**T**S	586
GLS***	280	GSS***-4	278	H515R50***	647	HB***	297, 739
GLSC***	280	GSS****-4	278	H515R100***	647	HB****	140, 730
GLSS**	278	GSS*****-4	278	H525R50***	647	HB****B	730
GLSS***	278	GSTC*	287	H525R100***	647	HBC**S	387
GLSS****	278	GSTC**	287	H610Y50***	648	HBC*S	387
GLSS*****	278	G****T	751	H615Y50***	648	HB*F*M	140, 343, 730
GLSSC***	279	G***T	747, 751	H615Y100***	648	HB****FS	730
GM*	111	G****V	751	H625Y50***	648	HB****G	140, 730
GM**	111, 140	G***V	751	H625Y100***	648	HB****SS	730
GMAS*	112	G***VB	747	HA****	335, 586	H**BU	746
GMAS**	112	GV-HDWHL	558, 677	HA023*	450	H**BU	746
G***N	747, 751	GV-KNOB	558, 677	HA024*	450	HC15*-A	652
GNB75GHT	335, 630	GWDGV250F	550	HA25NYC15F	587	HC15*-B	652
GNW*	725	GWH-****	362	HA25NYC76	587	HC90	370
GNW**	725	GWH1*00R	362	HA25NYFD15NYFD	587	HC90RB	370
GNWP*	725	GWH-C	362	HA0900-*	718	HC30143	672
GNWP**	725	GWHC-FF	362	HA2515F	672	HD1-*	406
GNWP***	725	GWHZ**	362	HA****ADP	70, 85, 604	HDBF75	694
GPA-95-***	234-242			HAB***EZ	34	HD***F	552
GPA-95-292	790	H**	746	HAC***EZ	34	HDPE***	745

Part Number Index

	Page #		Page #		Page #		Page #
HDPE•••BU	745	HOSECUTTER	652	HSTBC•••	394	HUM206400FLG-ST	26
HDSSF75	694	HOSEMEND1	652	HST••P	433	HUM•••••CS	21, 22
HFN•••	617	HOSEMEND15	652	HST••T	433	HUMF•••••CS	21, 22
HFN150NYFD	617	HP•	383	HT4OF•	401	HU•••••N	21, 22, 24
HFN•••NST	617	HPBV••	430, 688	HTBC•••	394	HUP207400	27
HFN•P•	107	HPBV•••	430, 688	HTBG	164	HU•••••RN	24
HFR•C•	107	HPBV••-3WAY	430, 688	HTBG•	164	HUS500RN	24
HGB100S	629	HPBV•••SAE	430, 688	HTBG••	164	HVF•••••-25	578
HGB•••NST	629	HPBV••SAE	430, 688	HTBG-CT	164	HVG0•••-25	578
HGCFB150S	628	HPBV••SS	430, 688	HTBG••EXT	164	HWH50	333
HGCFB•••NST	628	HPFN150	617	HTBG•EXT	164	HWH50-75	333
HGG100NST	629	HPFN150NST	617	HT•DC	401	HY•	406
HGG100S	629	HPSG	326	HT•F•	401	HY••	406
HGV250	553	HPSGC	326	HTM•••	383	H••Y50SZ	648
HGV250F	553	HPSGHD	326	HTSW	631	H••Y50UC	648
HGV250F-D	553	HPSGW	326	HTW••P	433	H••Y100SZ	648
HGV250-H	553	HR	104	HTW••T	433		
HGV-HDWHL	556, 677	HR1610	172, 661	HU100•••	25, 716	IA•••TP	790
HGV-KNOB	556, 677	HR1610•	172, 661	HU100•••BW	25, 716	IB•••	37
HGVW250F	552	HR-C	104	HU200•••	25, 716	IBFVW•••	711
HGVW250NYFD	552	HRC•••	406	HU200•••BW	25, 716	IBFVW•••E	711
HGVW250-W	552	HR-CAP	104	HU206•••	25, 716	IBR••••	369
HH30145	672	HS•	380	HU400•••	717	IBV••	688
HHA••••	587	HS••	380	HU602•••	717	IBV•••	688
HHCI	358	HS•••	380	HU602•••BW	717	IBV50BOV	790
HHD••P	433	HS•••AL	767	HU1002•••	717	IC•••	39
HHD••T	433	HSR••	660	HU1002•••BW	717	ICL••••	369
HHP•M	342, 738	HSR••••	660	HU1502•••	717	ID•••	41
HHTP	674, 789	HSRC••	660	HU1502•••BW	717	ID•••TC	790
HN	104	HSRC••••	660	HUC207400	27	IH•••	45
HNBGH••	338	HSRC26	659	HUF206400FLG	26	IH6	75
HNBGHF••	338	HSS•	380	HUF206400FLG-45	26	IHC250NYFD	614
HN•M•M	343, 737	HSS••	380	HUF206400FLG-ST	26	IHC•••F	614
HN-P	104	HSS•••	380	HUFALL•••CS	21, 22	IHSC34	75
HN-PLUG	104	HS•••SS	767	HUF•••••CS	21, 22	IHSC152	75
HN•••SS	742	HST••	285	HUM206400FLG	26	IRC4025	572
HN••SS	742	HSTBC•••	394	HUM206400FLG-45	26	IRC4025F	572

Part Number Index

	Page #		Page #		Page #		Page #
IRC4025GF	572	KRH...	332	L18...A	225	L...-DC-SS	29
ISCS4025F	568	KRN...	296	L18...AMB	225	L...-DP-SS	29
ITD...	799	KRN....	296	L26...A	225	L...-E-SS	28
ITDH	799	KRW.	302	L26...AMB	225	LFV..	682
IXAN..	449	KRW..	302	L28...A	226	LFV...	682
IXF....	443	KRW....	302	L28...AMB	226	LHC95	370
IXFDPLG...	448	KS.	386	L30...A	226	LHC95RB	370
IXFS..	449	KS..	386	L30...AMB	226	LHFS400F	603
IXFS32-3A	449	KS...	386	L40...A	227	LHFS4045F	603
IXH..	442	KS.....	386	L40...AMB	227	L...-HSCRIP-SI	29
IXM..	442	KS.....	386	L72M.	253	LHW	69, 633
IXMS..	449	KSS..	139	L72M-MB	253	LJ...	726
IXPE32-3A	448	KSV10....	158	L73M.	253	LJ....	726
IXSE..	449	KSW..	139	L73M-MB	253	LJR...	726
IXSE..-3A	448	KVW..	302, 762	L73M-MBPX	255	LLBV2515F	555
IXV..	442			L74C..	256	LM...*	441
		L..	744	L74C-MB	256	LM..... *	441
J..	391, 405	L...	744, 748	L74M.	254	LOCKINGDEVICE	610
J...	77	L....	748	L74M-MB	254	LOCKINGDEVICE6	610
J47	118	L03-0A	211	L74M-MBPX	255	LP..	74, 115, 390
J844-...-100	208	L03-0AMB	211	L606...B	271	LP....	74, 115, 390
J844-...-BL-100	208	L07-200AC	244	L606...W	271	LPB..	115
JS...	387	L07...A	245	L1110-L2287	755	LR....	309
JX..	391	L08-02A	211	L...-A-SS	28, 29	LR.....	309
		L14AM7-G..	455	LAVA221	791	LR7	77, 126
K.	386	L14AM7-G...	455	LB...	137	LRHEZ...	29
K..	386	L14AM7-G....	455	L...BU	744	LRHEZ34	29
K...	386	L14AM7-R..	455	L..BU	744	LRP-95....	239
KB..	111, 114	L14AM7-R...	455	LCJS....	788	LRP-96....	239
KHN...	296	L14AM7-R....	455	LCJS12-15	788	LS..	384
KLW.	302, 303	L14AM7V-R...	487	LCLD	788	LS...	384
KLW..	302, 303	L14AM7X-R...	488	L...-C-SS	28	LSS..	384
KM..	298	L16...A	224	LCTS.	788	LSS...	384
KM...	298	L16...AMB	224	LCTS14	788	LV*N6D	232
KNW.	302	L17-800APX	255	LDC2	159	LV*NAD	232
KNW..	302, 762	L17...A	254	LDCF2	159	LW..200	796
KRH..	332	L17...D	257	LDCM2	159		

Part Number Index

	Page #		Page #		Page #		Page #
M•	115	MC••••ST••	310	MIRU7550	730	MSA••••T	608
M••	115	MC••••ST••	307	MIU••	731	MSBC•••SS	88
M••••	311	MD••••T	653	MIU•••	731	MSBC•••SSFL	88
M16-03A	790	ME•••	119, 120	M••••KAF	637	MSBC•••SSMNPT	88
M16-03M	790	ME•••••	121	M••••KAS	637	MSBV2525F	561
M16-••A	215	ME••••••	119	ML•00M	155	MSBV•••F	561
M16-••M	215	ME•••••••	120	MLS••	304	MSBVR3-•••F	563
M18-••A	215	ME109-NH3-1	121	MOC250NYC-P	580	MSBVR(3)-RK	677
M18-••M	215	ME502-12/8	119	MOC250NYFD-P	580	MSBV-RK	677
M26-••A	215	ME3162-32B	120	MOC3025F-•	580	MSMG•••F	563
M26-••M	215	ME3162-32S	120	MOCA250F	567	MSMG-RK	677
M28-••A	216	ME•••F-•	121	MOCA250F-•	567	MSP•••	329
M28-••M	216	ME•••FS-•	121	MOC•••F-•	580	MSP4PAK	329
M30-••A	216	MEP120B	120	MP••••	309	MSP-95-•••	233
M32-0AAMB	217	ME•••S	119, 120	MP•••••	309, 311	MSSV3-•••F	565
M35-0•AMB	217	ME•••S-•	121	MPB-•••••	798	MSSV4-•••F	566
M•200	155	ME•••S-••	119	MPB-20Z-20	798	MSSV•••F	565
M5834F	337	MEW•	120	MPC-•••••	798	MS•••••T	653
M5834HM	337	MFB••	431	MPC-20Z-20	798	MS••X•	115
M5834M	337	MFC••	431, 432	MPC-T••	800	MS••X••	115
M7400-•-••	424	MFC••••	431	MPR-T••	800	MS•X•	115
M7400-••-••	424	MFGP150	624	MPS-•••••	798	MS•X••	115
M7455-•-••	424	MFGP150NST	624	MPS-20Z-20	798	MT•••	284
M7455-••••	424	MFS••	431, 432	M••••RAF	636	MT••••	747
MA••	300	MFS••••	431	M••••RAF	636	MT•••••	747
MAH•	380	M••••GAX	637	M••••RAS	636	MT••••••	747
MAH••	380	MGC•	381	M••••RAS	636	MTP-95-•••	233
MA•••N	301	MGC••	381	M••••RAT	636	M••••UC	635
MB••	300, 432	MGC•••	381	M••••RAT	636	M••••UC	635
MBV••	692	MH•	380	MRCH••	743		
MC••	432	MH••	380	MRCH•••	743	N••	725
MC••••	306, 307	MIC••	736	MRV250	559	N•••	725
MC•••••	306, 307, 310	MIC•••	736	MS•	115, 406	N35-••F••F	596
MCH50	333	MICAP••	736	MS••	115	N35-••S••F	596
MCM••••	306	MICAP•••	736	MS•••	432	N35-••S••S	596
MCM••••XL	308	MICAP•••G	736	MSA••••F	608	N36-••F••F	585
MCS••	301	MICAP••G	736	MSA••••S	608	N36-••F••T	585

Part Number Index

	Page #		Page #		Page #		Page #
N36-•S•F	585	NAPRVGT•••••	542	NZMMEG5P-•••	329	PFL•	133
N36-•S•S	585	N••CS	20, 291, 725	NZMQC5P-•••	329	PFL••	133
N36-•S•T	585	NCS-CSF-STZ••	608	NZ••••S	329	PFL••FS	134
N36-•T•F	585	NCS-CSF-STZ••C	608			PFL•FS	134
N36-•T•T	585	NCS-FDFS-•F	669	O246BU	65, 758	PFL••SS	133
N37-•F•F	589	NCS-FDFS-•S	669	O249BU	65, 758	PFN4005•	630
N37-•F•G	589	NCS-FDSTZ-••	669	OA••	363	PFNB150NST	629
N37-•F•S	589	NCS-LL-•F	667	O••BU	22, 26, 27	PFNB••S	629
N37-•F•T	589	NCS-LLSJ-•FF	667	OCT32	723	PF••SS	133
N37-•G•F	589	NCS-LLSJ-•FS	667	OCTOE32	723	PG700	165
N37-•G•S	589	NCS-LLSJ-•SZF	667	OCTOES32	723	PG8083	673
N37-•G•T	589	NCS-LLSJ-•SZS	667	OCTS••	723	PGA150NPSH	626
N37-•S•F	589	NCS-LL-•SZ	667	O-RING-AS-334	755	PGA••NST	626
N37-•S•G	589	NF307Y50GHT	664			PGH50	333
N37-•S•S	589	NF307Y50GHT-KIT	664	P••	351	PGH100	333
N37-•S•T	589	NF610Y50•••	664	P1A-•••A	245, 258	PGS••	275
N37-•T•F	589	NF610Y100•••	664	P1A-•••M	245, 258	PGS•••	275
N53-•F•F	598	NF615-50RAQT	664	P3-TFG-•	752	PGS••••	275
N53-•F•T	598	NF615Y50•••	664	P3-TFG-••	752	PHFA6	663, 672
N53-•S•S	598	NF615Y100•••	664	P8A-860•	259	PHFA-B-A	663
N53-•S•T	598	NF615100RAQT	664	PAP250	616	PHL•	133
N54-•-25F25F	675	NFSGX••	795	PBC250	616	PHL••	133
N54-•F•F	601	NFSGX110	795	PBLSS••	277	PHLB••	133
N54-•F•T	601	N-FTVLST-20•	663, 671	PBLSS•••	277	PHL••FS	134
N54L-•F•F	601	NG••	727	PBLSS••••	277	PHL•FS	134
N54L-•F•T	601	NIPPLE/1	754	PEDF75	694	PHL••SS	133
N54-•S•S	601	N••NO	289, 724	PEDF200	694	PHL••WF	134
N54-•S•T	601	NORG74DISPLAY	243	PF•	133	PHL•WF	134
N56-•F•F	588	NPT••TC	790	PF••	133	PHW	632
N57-•F•F	596	NST••TC	611	PFB•	133	PIN5/16X1¼-P	755
NAPRAV•••F-••	540	NV4M	159	PFB••	133	PIN5/16x11/4P	754
NAPRAVF•••••	540	NV•F	159	PFC250F	615	PL•••	136
NAPRAVGFT•••••	542	NW•	725	PFC250U	615	PL400LWF	137
NAPRAVGT•••••	542	NW••	725	PFCW•••	615	PL400WF	137
NAPRVF•••••	541	NW•••	725	PFCW250•••	615	PL•••L	136
NAPRVFT•••••	542	NZ••••	329	PFCW•••F	615	PLUG•••F-C	614
NAPRVG•••••	541	NZ6540QCS	329	PFCW•••F-Y	615	PLUG•••S-C	614

Part Number Index

	Page #		Page #		Page #		Page #
PM•	133	PPF••	86	PTH•••AG	245	QM•WF	132
PM••	133	PPF•••	86	PTLS7540	715	QSS•	130
PMB•	133	PPH••	87	PTLS10040	715	QSS••	130, 131
PMB••	133	PPH•••	87	PTP	790	QSS•••	131
PML•	133	PPLSS••	375	PTTF150•	630	QTF75GHT-F	665
PML••	133	PPM•	375	PU••••	166	QTF••••-F	665
PML••FS	134	PPN••	297, 371	PV•••	689	QTM75GHT-F	665
PML•FS	134	PPN•••	371	PVFP••	689	QTM••••-F	665
PML••SS	133	PPP••	86	PVFP•••	689	QTX150-F	665
PM••SS	133	PPP•••	86	PVFPN••	690		
PN•••	723	PPSO150•	662	PVFPS200	690	R••	351, 746
PN••••	723	PP•VEU•-MG	317	PVFPSA200	690	R•••	746
PN15	630	PP•VFC•-MG	317	PV-HDWHL	560, 677	R1AAAS-A	444, 445
PN15CF	630	PP•VFE•-MG	316	PV-KNOB	560, 677	R1AAS-A	444, 445
PN15F	630	PP•VMC•-MG	317	PVN200	690	R1•S-A	444, 445
PN15NYFD	630	PP•VME•-MG	316	PW6••B50•••	645	R2•AL-A	445
PNB75GHT	334	PP•VTEU•-MG	317	PW6••B100•••	645	R2•SS-A	445
PNS•••	723	PP•VUC•-MG	317	PW••F••F	552	R03-0•R	209
PNS••••	723	PRC	656	PWH••	332	R03-0•RG	209
POLYHA••••	594	PRC-SPANISH	656	PWH•••	332	R3AAAL-A	445
POLYHA15S15F	594	PRN•••F	656	PW••S••S	552	R3AAAS	444
POLYHA2515F	594	PRN•••F-C	656	PYLS••••	715	R3AASS-A	445
POLYHA2520T	594	PRWB	656	PYLS•••••	715	R3•AL-A	445
PP250F	616	PS•••	273			R3•S	444
PPA••	86	PS403	233	QB•	130	R3•SS-A	445
PPA•••	86, 373	PS417B	234, 237	QB••	130, 131	R4•SS-A	445
PPB••	87	PS743	274	QB•••	131	R07-200RGC	244
PPB•••	87	PSM••••	166	QBCAP	132	R07-•••R	245
PPC••	87	PSN76	335	QBM•	131	R07-•••RG	245
PPC•••	87	PSNP250•••	581	QB••WF	132	R08-02RG	210
PPCF••	372	PSNP250S	581	QB•WF	132	R11-••C	270
PPCM••	372	PSNP2503.125x5	581	QM•	130	R11-••CG	270
PPD••	87	PSNP2503.••x•	581	QM••	130, 131	R11-•••RG	250
PPD•••	87	PSNP•••NYFD	581	QM•••	131	R15AAAS-A	444, 445
PPDV75	554	PSW	631	QM0	132	R15AAS-A	444, 445
PPE••	86	PSW•	631	QMCAP	132	R15•S	444
PPE•••	86	PT•••	284	QM••WF	132	R15•S-A	444, 445

Part Number Index

	Page #		Page #		Page #		Page #
R16-•R	219	R73G•RG	249	RA•F•M	343, 737	RD253	653
R16-•RG	219	R74G•R	249	RAGG••••	749	RD253F	653
R16-•RH	221	R74G•RG	249	RAGG•••••	749	RD15193F	653
R16-•RHG	221	R75••	444	RAM•	122	RDA90•••EZ	52
R17-••R	249	R75AAAS	444	RAM••	122	RDA2030EZ	48
R17-••RG	249	R75AAS	444	RAM6WF	125	RDA••••BL	48
R18-C05R	249	R83-200R	250	RAM7T	125	RD•••BL	41
R18-C05RG	249	R91-221RG	251	R•AS	444	RDD••••EZ	49
R18-•R	219	R119-•C	270	RAS•••	341	RDD•••EZ	49
R18-•RG	219	R119-•CG	270	RB•	113, 116	RD•••EZ	41
R21-•R	218	R125AAS-A	444, 445	RB••	113, 116	RD•••EZHD	41
R21-•RG	218	R125ES-A	444	RB3-0•R	210	RDL•••EZ	55
R25•AL-A	445	R125•S-A	444, 445	RB3-0•RG	210	RDM•	298
R25•S	444	R200SS	76	RB•••BL	37	RDM••	298
R25•SS-A	445	R364-•C	270	RB•••EZ	37	RDWBPST•••EZ	61
R26-•R	219	R364-•CG	270	R•••BU	746	RDWSP•••EZ	61
R26-•RG	219	R504-••••	341	R••BU	746	RE•••••••	71
R26-•RH	221	R515-50•••	646	RBU•	116	RE•••BT	60, 460
R26-•RHG	221	R515-50CBF	646	RBU••	116	REL••••	733
R28-•R	220	R515-50CBF/F	646	RC•••BL	39	R-EN	105
R28-•RG	220	R515-50•••/F	646	RC•••BLNO	39, 72	RE•••NO	72
R30-•R	220	R515U50•••	646	RC•••BT	60, 460	R-EN-P	105
R30-•RG	220	R515U50CBF	646	RC•••CEZ	74	R-EN-PLUG	105
R30-•RH	222	R515U50CBF/F	646	RC•••EZ	39	REP250PT	575
R30-•RHG	222	R515U50•••/F	646	RC•••EZ-••	71	REP400AS/SP	575
R40-0•R	220	R515U100CBF	646	RC•••EZCR	12, 39	REP•••AS	575
R40-0•RG	220	R515U100CBF/F	646	RC•••EZNO	39, 72	REP•••AS-•	575
R40-•RH	222	R515U100•••/F	646	RC•••EZPF	70	RE•••PF	70
R40-•RHG	222	R515U•••RAF	646	RC•F•F	343, 731, 738	REP•••HY	575
R43-•••RG	251	R1375•S	444	R-CN	105	REP•••SP	575
R46-•••R	155, 250	R515100•••	646	R-CN-P	105	REP•••SP-•	575
R46-•••RG	155, 250	R515100CBF	646	R-CN-PLUG	105	R-ER	105
R72G•R	249	R515100CBF/F	646	R-CR	105	R-ER-C	105
R72G•RG	249	R515100•••/F	646	R-CR-C	105	R-ER-CAP	105
R72M•R	250	RA••	341	R-CR-CAP	105	RES••	305
R72M•RG	250	RA•••	341	RC•••SE	460	RES•••	305
R73G•R	249	R•AAS	444	RD15•••	653	RE•••SE	460

Part Number Index

	Page #		Page #		Page #		Page #
RFC...	611	RHEZ152	76	R•P•...	440	RSTB•CS	19, 290
RFC250F-SS	614	RHEZ175	76	RPA-95•••	236, 237	RST•CS	19, 290
RFC••F	611	R-HN	106	RPA-96•••	236, 242	RST••NOS	289, 439
RFC••F-•	611	R-HN-P	106	R•P•LJR15	440	RST•PF	297
RFP••F	613	R-HN-PLUG	106	RPN•	355	RSTV•	286
RFP••F-C	613	RHN•••SS	742	R•P•SOR15	440	RSTV•CS	19, 290
RFST•	287	R-HR	106	R•P•SS	440	RTCA•	62
RFST••	287	R-HR-C	106	RRH15168	653	RTCT•	63
RFST•CS	20, 287, 291	R-HR-CAP	106	RRH15168F	653	R-TN	106
RG•••	309	RHS•	312	RRHS•	312	R-TN-P	106
RG••••	309, 311	RHS••	312	RRP-95•••	236, 237, 242	R-TN-PLUG	106
RGB•	113	RHSC34	75	RRP-96•••	236, 237, 242	R-TR	106
RGB••	113	RHSC152	75	RS15•••	653	R-TR-C	106
RGF•	113	RHSC175	75	RS15••F	653	R-TR-CAP	106
RGF•P•	112	RIC150F	567	RSDM•	303	RTW150	654
RHA••••	588	RJT•••SP	475	RSE••••F	675	RV250	559
RHA•••F	588	RK•••	167	RSE••••F-C	675	RWDGV250F	551
RHA•••F-C	588	RK••••	274	RSF••F	597	RWDGV3025F	551
RHA•S•	588	RKB605WB	274	RSF•F•T	597	RWF•	113
RHA•S•F	588	RKHN••	305	RSFSA••F	599		
RHA•S•T	588	RKR••Y	274	RSFSA•F•T	599	S•	300
RHA•••T	588	RLC••EZ	29	RSHR•	303	S••	300, 301
RHA•T•F	588	RLD200EZ	29	RSK•	303	S••••	653
RH••BL	45	RLH••EZ	29	RSM•F	600	S6175	555
RHC•	732	RLP•	74, 115, 390	RSM•F•T	600	S6175S	555
RHC••	732	RL•V	745	RSM••S	600	S7100	555
RHC••B	732	RM•	298	RSMSA25F•T-Z	599	S7100-15	555
RHC•B	732	RMA••	341	RSMSA250F-Z	599	S7100-15S	555
RHC••FS	732	RMS•	115	RSMSA••F	599	S7337S	555
RHC•FS	732	RMS••	115	RSMSA•F•T	599	SA15Y57	274
RHC••G	732	RN•	305, 725	RSS•	312	SA161X57	274
RHC•G	732	RN••	305, 725	RST•	285, 305	SA200•W57	273, 274
RHC••SS	732	RNB150NST	628	RST••	285, 305	SA4050AL	759
RHC•SS	732	RNB150S	628	RST•••	287	SAEB-••••	798
RH••EZ	45	RN•CS	20, 291, 725	RST••A	286	SAEC-••••	798
RHEZ6	76	RN••NO	289, 724	RSTB•	286	SAHW	631
RHEZ34	76	R•P•	440	RSTB••	286	SAP•	286

Part Number Index

	Page #		Page #		Page #		Page #
SAP••	286	SCVS•	140, 142	SFMF•••-45	722	SJBV-RK	677
SAR10Y57	274	SCVS••	142	SFMF••••-45	722	SJSS•••BB-20	520
SB••	300	SCVV400	549	SFMF•••-90	722	SJSS•••CC-	521
SB•••	300	SD••	303	SFMF••••-90	722	SJSS•••CC-20	520
SBC•••AL	89	SD•200	76	SF•••NYFD	597	SK••	303
SBC•••ALFL	89	SD•300	76	SF•••NYFD•-	597	SK1098	379
SBC•••ALMNPT	89	SD•400	76	SF••NYFD••T	597	SL••	129
SBC•••ALTTMA	89, 782	SDMP••	303	SF•••S	597	SL•••	629
SBC-E300CC13	465	SE45••	734	SFSA30••••F	607	SL075GHT	629
SBC-E300TP13	481	SE45•••	734	SFSA30••••F-LH	607	SL150NST	629
SBCS	127	SE45•••G	734	SFSA••••F	606	SL•••CR	128
SBC•••SS	89, 121	SE45••G	734	SFSA••••F-LH	606	SL•••F	128
SBC•••SSFL	89	SE90••	733	SFSA••••S	606	SL•••H	128
SBC•••SSMNPT	89	SE90•••	733	SG•••	389	SL•••M	128
SBDV••	549	SE90••B	733	SGH••	332	SLP1	129
SBG	127	SE90••FS	733	SGH•••	332	SLR•	129
SB••N	301	SE90••G	733	SGP•••	610	SLS•••	304
SBV•••	561	SE90••SS	733	SGS•••	74, 390	SLS4	111
SBV2525	561	SE••100	140	SGS•••-NL	610	SLT10050	673
SC•••	392	SE•F•M	345, 733	SGV•••	557	SM515W50•••	645
SC••••	392	SEGC0•••••	796	SGV30•••	557	SMB450	610
SC•••ABS	610	SEGC1•••••	796	SGV•••F	548	SMB1525	610
SCCW•••	392	SEGS0•••••	796	SGVF•••	548	SM•••F	600
SCCW••••	392	SEGS1•••••	796	SHP••	736	SM•••F-D	600
SCM••	154, 708	S•••••F	653	SHP•••	736	SM••F••T	600
SC•••-NL	610	SF1471•••	729	SHP•••B	736	SM••F••T-D	600
SCS4025F	568	SF1631•••	729	SHP•••FS	736	SM•••NYC	600
SCS4025NYFD	568	SFBTFLY••••F	564	SHP••FS	736	SM•••NYFD	600
SCV•••	429	SFC•••	429	SHP•••G	736	SM•••S	600
SCVH•	142	SFC••••	429	SHP••G	736	SM••S••F	600
SCVH••	142	SF•••F	597	SHP•••SS	736	SMV•••	429
SCVJ•	142	SF•••F•-	597	SHP••SS	736	S••N	301
SCVL•	142	SF•••F-D	597	SHS••	308, 312	SN•••	429
SCVL••	142	SF••F••T	597	SHS•••	312	SN••••	429
SCVM•	142	SF••F••T-D	597	SIC250F	567	SN75	334
SCVM••	142	SFMF•••	722	SIC250F•-	567	SO•••	726
SCVR•	142	SFMF••••	722	SJBV•••	563	SO••••	726

Part Number Index

	Page #		Page #		Page #		Page #
SOE••	735	SSC-T••-2	801	STC40CS	68	SV••SS	158
SOE•••	735	SSCVIL•••	712	STC-180•-R•••	513	SW••	302, 634
SOR•••	726	SSE••	794	STC-360-R•••	513	SW••••••••	719
SOT••	735	SSGV••	691	STC••A	286	SW•••	70, 302, 654, 672
SOT•••	735	SSGV•••	691	STC••CS	18, 19, 21, 22, 290	SW153	634
SP••	309	SSLBV••	684	STC••CSHD	21, 22	SW250	581
SP•••	309, 311	SSLBV•••	684	STC-RK•••	513	SW300F	581
SPA•••	793	SSLBV•••SP	684	STFC•	324	SW1530	634
SPA••••	793	SSLBV••SP	684	STFC••	324	SWB-2	634
SPF•••	429	SSPM•	358	STFC•SS	324	SWB-S••	634
SRH360•••-G•••	512	SST••	735	STFP•	325	SWCV••	714
SRH360•••-R•••	512	SST•••	735	STFP••	325	SWCV•••	714
SS•••	303, 389	SST10	163	STFP•B	325	SWDS	320
SS••••	574	SSV•••	565	STFP•SS	325	SWDSHOSE••	320
SS16•••	395	SSV3•••	565	STMC•	324	SW•••F	654
SS17•••	395	SSV4•••	566	STMC••	324	SWG300-4	673
SS337	114	SSVJ•••	566	STMC•SS	324	SWMF•••	767
SS2404•••	414	SSVJ-RK	677	STMP•	325	SWMF-RK•	765, 767
SS2404••••	414	ST•	285	STMP••	325	SWMF-RK••	765, 767
SS2405•••	414	ST••	285	STMP•B	325	SWRG80-250-4	673
SS2405••••	414	ST•••	285, 668	STMP•SS	325	SW-S400	634
SS2501•••	416	ST204B	389	ST••PF	297	S•••X•••X090CS	23
SS2501••••	416	ST205G	389	STR2••••	720	S••••X•••X120CS	23
SSA••	321	ST206R	389	STR3••••	721	S•••X•••X120CS	23
SSA••••	609	STB•	286	STR6648	721	SZW2	634
SSA30•••	609	STB••	286	STV••	286	SZW2-NL	634
SSBV••	683	STB•••	286	STV•••	286		
SSBV•••	683	STBC•••	393	STV••CS	18, 19, 290	T•••	726, 748
SSBV•••SR	685	STBC••••	393	STW•••	654	T••••	726, 748
SSBV••SR	685	STBC••••L	394	SUBV••	690	T2CM••••PL	535
SSBV•••TW	693	STBC•••L	394	SUBV•••	690	T2CM••••PM	535
SSBV••TW	693	STB••CS	19, 290	SUBVN100	690	T2CMP••••PL	535
SSC••	340	STC•	285	SV••	158, 169	T2CMP••••PM	535
SSCAP••	736	STC••	285	SV•••	140, 158	T2KM••••PL	536
SSCF••	340	STC•••	285	SV•••HD	158	T2KM••••PM	536
SSCM••	340	STC••••	287	SV••HD	158	T2KMP••••PL	536
SSC-T••-1	801	STC•••••	287	SV•••SS	158	T2KMP••••PM	536

Part Number Index

	Page #		Page #		Page #		Page #
T2KS-...PL	535	TCM**	372	TM**	299, 375, 437	TPR-...*	438
T2KS-...PM	535	TCMR-T**	801	TM-...*	438	TPS*	376
T2S-...PL	535	TCN**	376	TM**	437	TPS**	376
T2S-...PM	535	TCR-T-...*	801	TM-...*	438	TPX*	376
T7MP-...PL	537	TCS-...F	570	TM-...*	793	TPX**	376
T7MP-...PM	537	TCS-...F-..	570	TM502	793	TR	104
T7RWWW-...PL	536	TCT**	63	TML**	437	TR-...*	726
T7RWWW-...PM	536	TDV**	554	TML-...*	438	TR-C	104
T7WWM-...PL	537	TES-...*	799	TML**	437	TR-CAP	104
T7WWM-...PM	537	TETF4AL	58, 786	TMPF15S	677	TRW7	376
T7WWM-...PL	537	TETF4ALFP50	58	TMPF**F	677	TSA**	373
T7WWM-...PM	537	TETFG4AL	58, 786	TMPM**F	677	TSE**	374
T7WWW-...PL	536	TF**	372	TMPM**S	677	TSS**	313
T7WWW-...PM	536	TFK	192	TMR**	437	TSSS**	375
T16AMP-...PL	539	TFN150-...*	624	TMR-...*	438	TSST**	375
T16AMP-...PL	539	TFN150NST-...*	624	TMR**C	437	TT*50	787
T16AMP-...PM	539	TFS**	371	TN	104	TT*75	787
T16AMP-...PM	539	TFV**	156	TN**	371, 372	TTA50LP	787
T16W-...PL	539	TFV2HB	156	TN-...*	371	TTA50SS	787
T16W-...PM	539	TF**WF-80	437	TN-...*	371	TT*ASG	65
T31W-...PL	538	TG**	437	TN-P	104	TT*ASG-ETH	65
T31W-...PM	538	TG-...*	438	TN-PLUG	104	TTB100	787
T32W-...PL	538	TG**	437	TN-...X*	743	TTBP50	787
T32W-...PM	538	TG-...*	438	TN-...X*B	344	TTC*	376
T3114MP-...PL	538	TGL**	437	TN-...X*SS	743	TTF4AL-FT	728, 782
T3114MP-...PM	538	TGL-...*	438	TP**	437	TTF400SP	57, 66, 728, 782
T3214MP-...PL	538	TGL**	437	TP-...*	438	TTF*AL-EMT	57, 66, 728, 782
T3214MP-...PM	538	TGR**	437	TP**	437	TTF*AL-FT	57, 66
TA**	373	THB**	372	TP-...*	438	TTF*AL-MT	57, 66, 728, 782
TA-...*	793	THN**	297	TPF**	377	TTFS4AL-FP50	66
TA502	793	TL14AM7-...PL	455, 539	TPG	581, 791	TTFS4SS	65
TA-...F	373	TL14AM7-...PM	539	TPL**	437	TTFST40CS	68
TBC**	393	TLFS**	374	TPL-...*	437	TTFST**CS	20, 291
TC97	370	TLS**	374	TPM*	299, 377	TTFST**CS-THK	20, 291
TC97RB	370	TLSS**	375	TPN**	377	TTMA-64	66
TCF*	373	TLT**	374	TPP140	331	TTPM-...*	787
TCF**	372	TM*	299, 375	TPR**	437	TTPM-...*	787

Part Number Index

	Page #		Page #		Page #		Page #
TTPM***	787	VHC***SS	403	W46---U	407	WDH**BK**KAF	641
TTPM***	787	VHN**	403, 404	W46---U	407	WDH**BK**KAS	641
TUN0**G	731	VHN***	403	W48---U	407	WDH**BK**RAF	640
TUN**F	342, 731	VHN***B	403	W48---U	407	WDN150	617
TUN***FS	731	VHN***NV	403	W49---	407	WDN150NST	617
TUN***SS	731	VHN***SS	403	W49---*	407	WDS1	320
TVPC200-300	531	VMIL**	548	W59---U	407	WDSR	320
TVS7-30	335	VN***-200	750	W59---U	407	WF*	114
TVSEC-G**	532	VNR***-200	750	W60---	407	WF**	114
TVW7	376	VR***	755	W60---*	407	WF***	114
T**W7	335	VR4030CS-AL	59, 785	W61---	407	WF26-1	114
TWGV25	673	VR4040CS-AL	59, 785	W61---*	407	WH***	312
TYP2501**	164	VR4040CSRK*	785	W74D-2A-MB32	259	WH300*	76
		VR4050AL	761	W104---	407	WH400*	76
U**	318, 319	VR4050PL	761	W104---*	407	WHYD***F	676
UDC**	153	VR4086	759	W106---	407	WILK26DISPLAY	243
UDC***	153	VR4086-BY	759	W106---*	407	WM*	114
UHGV250F	553	VR6000*	755	WA*	138	WM**	114
UHGV250F-D	553	VR6200	755	WA2B	138	WN**	723
UHGV250-W	553	VR6200NP	755	WA2SS	138	WN***	727
UPP250*	620	VRC3000AL	59, 785	WA4FL12X***	27	WN1000	727
UPP250F	672	VT	102	WA4FL12X***	27	WOC-T**	800
UPP250F-SPEC	620	VT7	102	WB*	138	WP2H---*	578
UPPT	620	VT9	102	WB1C	138	WP2H***	578
UPPT**	620	VTT	102	WB1SS	138	WP2H-ASSP*	578
USBG	127	VTX	102	WBC	114	WP3H***	578
USW	631	VTX-9	102	WD40	788	WP3H*-ASSP*	578
				WDGV250NYFD	550	WP3HH-PT*	578
VEP**DC-A	402	W*	114	WDGV***F	550	WP3H*-PT*	578
VEP**DC-A	402	W**	113, 114	WDH**BK50RAS	640	WSB**	797
VEP**F**	402	W4---U	407	WDH**BK50RAT	640	WSB---*	797
VEP**F*	402	W4---U	407	WDH**BK50UC	639	WSB---*	797
VHC**	403, 404	W43---U	407	WDH**BK100RAF	640	WSB-20Z	797
VHC***	403	W44---U	407	WDH**BK100RAS	640	WSB**T	797
VHC***B	403	W44---U	407	WDH**BK100RAT	640	WSB**T***	797
VHCN**	404	W45---	407	WDH**BK100UC	639	WS**DC-A	400
VHC***NV	403	W45---*	407	WDH**BK**GAX	641	WS*DC-A	400

Part Number Index

	Page #	Page #	Page #	Page #
WS•F••	400			
WS•F•	400			
WS•F••-BOP	400			
WS•F•-BOP	400			
WSR•	138			
WSR1•	138			
WSR•SS	138			
WSS••	382			
WTB-T••	800			
WTB-T••Z	800			
W•••••-U	407			
X02-04	232			
X02-04MB	232			
X03-02	218			
X03-02MB	218			
X27	391			
XLS••A0120P	708			
XPO••4F	708			
XSO-4•••-0A	708			
Y•••	714			
Y10075	125			

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A	King Crimp™ pages 12-20
B	Boss™ LPS pages 21-28
C	Cam & Groove pages 29-87
D	Dry Disconnect Fittings pages 88-107
E	Boss™ Fittings pages 108-118
F	Air Fittings, FRL's, Gauges pages 119-284
G	Shank / Water Fittings pages 285-319
H	Garden Hose & Washdown pages 320-341
I	Brass Fittings pages 342-368
J	Plastic Fittings pages 369-377
K	Clamps pages 378-394
L	Hydraulic Fittings pages 395-433
M	Holedall™ Fittings pages 434-451
N	Sanitary Fittings pages 452-533
O	BioPharmaceutical Fittings (BPE) pages 534-539
P	Fire Fittings pages 540-677
Q	Valves pages 678-715
R	Pipe & Welding pages 716-751
S	Tank Truck pages 752-775
T	Swivels & Rack Equipment pages 776-786
U	Maintenance & Repair pages 787-796
V	PTFE Hose & Fittings pages 797-802
W	Safety & Technical pages 807-873

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