

## How to Buy.

Wright Tool is proud to partner with thousands of distributors world wide to bring our products to tool users where they need them, and when they need them. To locate a distributor near you, simply go to [www.wrighttool.com](http://www.wrighttool.com) and click on "How to Buy" to use our "Distributor Locator." If you cannot find a distributor in your location, please email [wrighttool@ultlead.com](mailto:wrighttool@ultlead.com), or call **800.321.2902** and we will assist you with your purchase.

Visit us at  
[www.wrighttool.com](http://www.wrighttool.com)



## Wright Tool University.

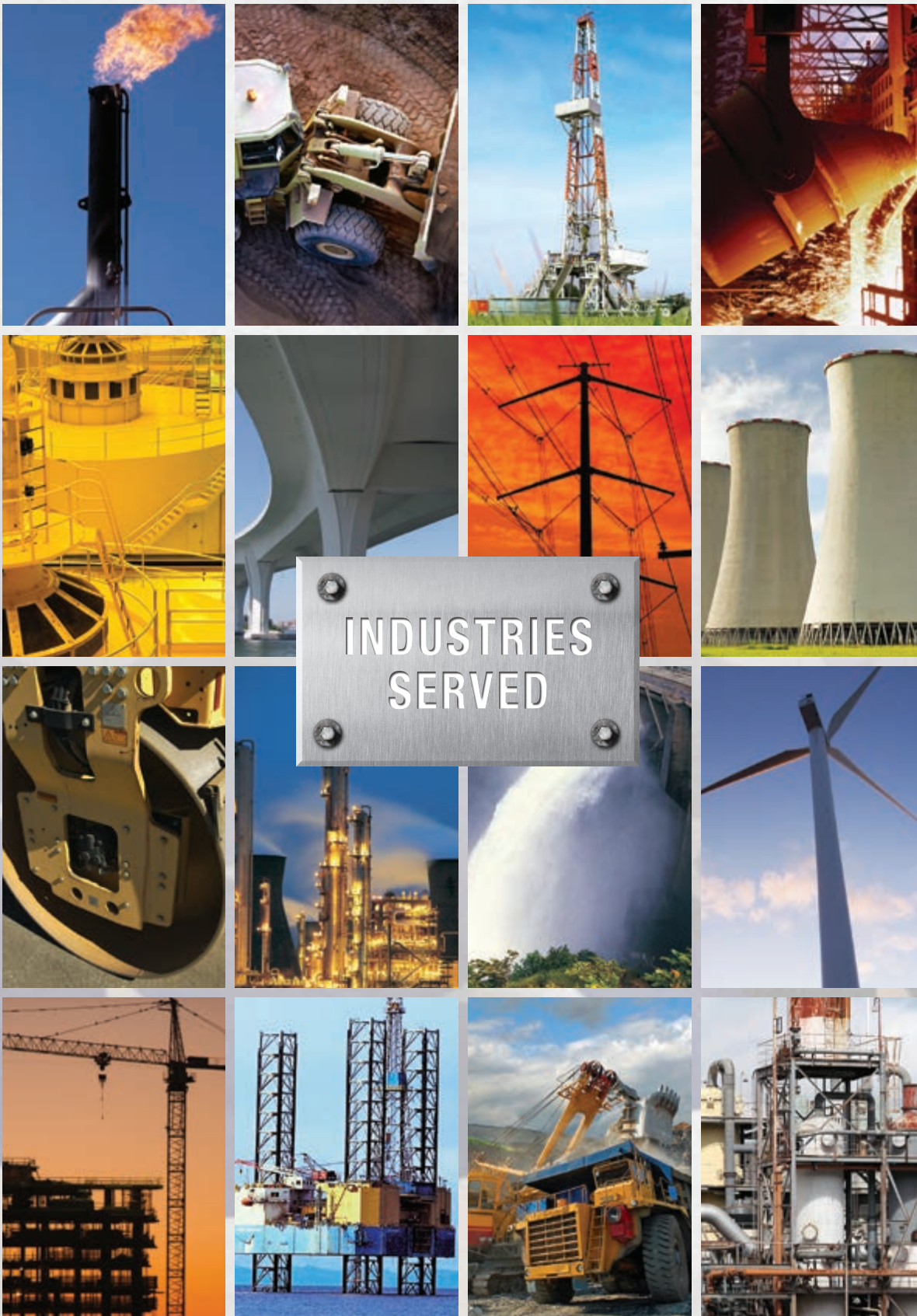
Wright Tool continues to offer online training tool, "Wright Tool University." Wright Tool University will give you key information on our manufacturing process, the materials we use in our state-of-the-art tools, and the standards to which our tools conform, and in many cases, exceed. In addition to product information, you can also learn about what makes us stand apart as a company in the industries in which we specialize.



## Hand Tool Safety Program.

Please visit us online at [www.wrighttool.com](http://www.wrighttool.com) to request a FREE hand tool safety DVD, a \$190 Value. Safety is of the highest priority at Wright Tool and we want our customers to have the knowledge to use our products safely. Key features of our program include tips for using our hand tools and safety certificates.





Exploration and exploitation, drilling and refining, foreign and domestic, at the end of the day, it doesn't matter what part of the oil industry you work under. We at

**OIL & GAS**

Wright Tool understand you have a challenge for which you need safe, reliable hand tools. While the industry itself is facing many new obstacles, Wright Tool is the one constant on which the industry can rely. Our large combination wrenches with openings up to 4" SAE and 80mm metric, provide the oil industry with the best tools for its heavy-duty applications.



Casinos and Factories. Dams and bridges. Pipe lines and sewer lines. General contractors and sub-contractors handle all sorts of construction jobs. Those responsible

**CONSTRUCTION**

for purchasing their tools want to make sure users have the safest, most reliable tools they can get their hands on. So does Wright Tool. Monster-size wrenches for big construction jobs, impact sockets for higher torque and a wide range of general construction tools like construction spud wrenches, ratchets, adjustable wrenches and bull pins.



Power is what runs our country and our communities. Nothing is more important than keeping our infrastructure working properly, and often times this means repairing and

**POWER**

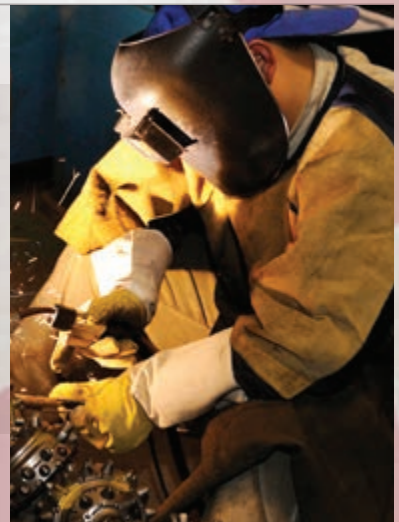
maintaining power sources in dangerous situations. We at Wright Tool have worked with companies on the forefront of the power industry in generation, transmission, and distribution for decades, and will continue to support this industry well into the future. We support this special industry by providing special tools and custom sets for nuclear and wind power companies. You will find our WrightGrip® wrenches and double pawl ratchets in the hands of power technicians across the globe, because they trust the Wright Tool quality and safety while performing their jobs.



From underground to surface mining, bulk materials handling to exploration and new mine development, we know some of the toughest users of hand tools work in the

**MINING**

mining industry, and no other tool company offers safer, more reliable tools than Wright. We offer impact sockets up to 3-1/2" drive, striking wrenches up to 4-5/8" and 80MM, and torque multipliers that reach 12,000 ft. lbs. We know your job defines heavy duty, and we provide the tools that allow you to do the job safely, and accurately.



OUR MISSION STATEMENT

Our mission is *perfecting performance*,  
the mantra *we follow every day*, guiding our decisions and actions.

Operational excellence and *continual improvement* allow us  
to maintain our *industry leadership* status and service excellence  
as we provide the ultimate in *customer satisfaction*.

Perfecting Performance is our *commitment* to Wright Tool products,  
proprietary processes and *our quality* process.



# PERFECTING PERFORMANCE®

Perfecting Performance Quality Process is a system for identifying customer needs and flawlessly translating them into quality products and services which exceed the customer's expectations.

**P**erfecting ..... **P**roperties requisite to its nature, without flaw or fault  
**P**erformance..... **P**ossessing and successfully using knowledge  
**Q**uality..... **Q**uintessential attribute  
**P**rocess ..... **P**rogressive act of forward movement

Tools we use to guide the process:	✓ Process Mapping	✓ Cause & Effect	✓ Knowledge Base
	✓ 5 Why's	✓ Measurement	✓ Predictability
	✓ Pareto Chart	✓ Standardization	✓ Discipline
	✓ Cost/Benefit	✓ Gap Analysis	✓ Data
	✓ Interpersonal skills	✓ Variance	✓ Statistical Analysis
	✓ Factors	✓ Observation	

## ASME Standards conformance

All products manufactured by Wright Tool are designed to conform to the applicable ASME Standards for the particular tool. [Special Note: Wright Tool reserves the right to exceed ASME Standards on selected items.]

Notice: We reserve the right to make product additions and improvements. This may involve dimensional changes. Visit our web site, [www.wrighttool.com](http://www.wrighttool.com), for the latest information, and also for additional information and for tips on safety and tool usage.

## Wright Tool Lifetime Warranty

Since 1927, the Wright Tool Company has manufactured top quality hand tools. The use of WrightAlloy™ steel, precision heat treating, and advanced manufacturing techniques results in products of long life, durability and toughness. Therefore, for as long as you own it, any product manufactured by Wright Tool which fails to render service due to defect in workmanship or materials will be replaced at no charge. This warranty does not apply to any defects or problems caused in whole or part by misuse, abuse, alteration, or worn out from use. Wright Tool makes no other warranties, express or implied, with respect to the tools or their suitability for specific applications. Replacement is the exclusive remedy, and Wright Tool neither assumes, nor authorizes any person to assume for it, any other warranty, or obligation express or implied.

## Wright products are designed and manufactured to meet or exceed the following ASME hand tool standards:

ASME B107.59	Striking Wrenches	ASME B107.410	Struck Tools
ASME B107.100	Flat Wrenches	ASME B107.500	Pliers
ASME B107.110	Socket Wrenches	ASME B107.510	Pliers and Shears
ASME B107.300	Torque Instruments	ASME B107.600	Screwdrivers
ASME B107.400	Striking Tools/Hammers	ASME B18.3.2M	Hexagon Keys and Bits



At Wright Tool, we manufacture products for professionals—those who earn a living using tools they know they can depend on. From mechanics and maintenance professionals...to those who purchase tools for the non-residential construction, power petroleum/fossil fuels and heavy equipment/machinery markets...our customers know they can depend on Wright.

We manufacture the best-performing tools to get their jobs done safely, by providing the highest-engineered tools forged from specially formulated steel.

The reasons for buying Wright Tool are many. And it's those reasons that set us apart from our competition.

MADE IN USA

### VALUE

We have been at the same location since our beginning in 1927. But even though the

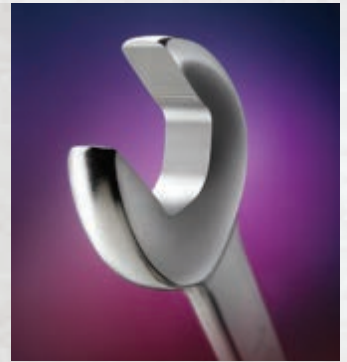
location hasn't changed, things are constantly evolving inside our facility as we strive for perfection.

"Perfecting Performance®" is our company mantra. It's never-ending, and we work diligently everyday to make sure we are providing you with the best tools in the business.

When you buy a Wright tool, you get exactly what you pay for—the highest-quality tool that has real value for the money. We recognize that value is more than just the price you pay. It's the whole package...from delivery...to service...to the high-quality tool that helps you get your job done safely.

We recognize that our customers are professionals, and pros can't afford to waste time or money on tools that fail. If an inexpensive tool fails, then it's not really an inexpensive tool. Downtime, repair costs and replacement costs all add up to the total cost.

Value is not the price of the tool. Value is the price of the job. At Wright, we price our tools to give you more value for your money. When you consider a job's total installation or dismantling costs, there are many more factors involved than the price paid for a tool. Our tools are not inexpensive, but they are cost-effective. And that's invaluable.



### QUALITY

There's only one level of quality at Wright Tool. Every single one of our tools has the same premium, professional quality. And our customers know it.

The Wright® professional hand tool line is the industry's premier line in terms of quality. And the Wright brand is recognized throughout the hand tool industry as the standard for professionals.

All of our tools are made from WrightAlloy™ steel. They are hot-forged, so the metal's inherent strength and quality characteristics are enhanced. The result is a tool that provides outstanding performance and long-lasting service.

We're better able to maintain our high standards because all of our operations are in-house, under one roof. To further ensure quality, all Wright products are carefully inspected and verified in accordance with international standards, as well as our own quality system that goes beyond ISO 9001/2000. As an industry leader, we've not only set the standards that others follow, we continually raise the bar to make the best even better.

### INNOVATION

Wright Tool has always been at the forefront of the hand tool industry when it comes

to new ideas. Our innovations are not just in the design and engineering of our tools, but in the forging, the finishing, the service and delivery.

Innovations such as the Wright Drive® and WrightGrip® have resulted in more tool-to-fastener contact, better fastener torque load and longer tool life.

Our design/engineering team utilizes the latest CAD/CAM technology in designing innovative new products. That's why Wright holds so many patents on innovative tools.



## SAFETY

Safety has always been a reason to buy Wright. We take extra steps to build tools that are safer to use and designed to prevent tool failure. We engineer our tools for higher strength, better performance, longer-lasting durability and long-term reliability.

Some might say that we “over-engineer” our tools. We take that as a compliment. Where others might make a tool thinner to fit a tight space, we’ve designed a way to make the tool fit without sacrificing strength or contact area.

We are always looking out for the users of our products. We know that you need the safest possible tools in your arsenal. That’s why we don’t stop with “good enough.” We constantly strive to make our tools the safest in the industry.


## DELIVERY

When it comes to delivery, nobody beats Wright Tool.

Our delivery is not just prompt, it’s the best in the industry. We offer better than 98% order fulfillment in 36 hours or less. That delivery record doesn’t happen by accident.

We place a high-priority on meeting delivery deadlines. Our 98/36 record is great for distributors too, because it lets them do more and carry less inventory. Distributors that stock the Wright brand know they can deliver the product as promised.

98/36



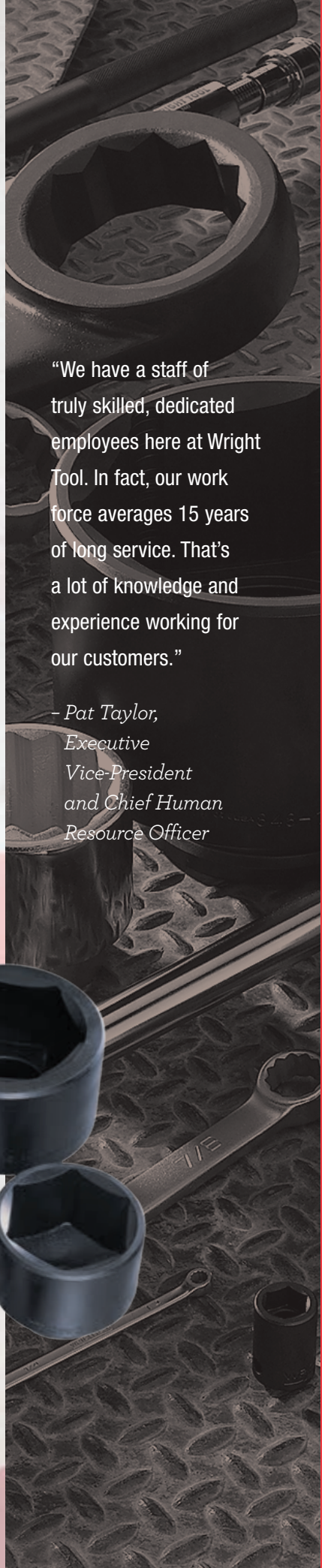
## SERVICE/SUPPORT

At Wright Tool, every customer is a “preferred” customer. Our customer service is prompt, friendly and

knowledgeable. We want to assure your complete satisfaction. We can answer questions and solve problems over the phone...by e-mail...or in-person.

We offer our customers extras that others don’t. From technical assistance to sales support, we go out of our way to support those with whom we do business.

As for our distributors, we’ve always treated them as partners. They’re the vital link between our customers and Wright Tool. Our process ensures that the flow of products from manufacturer to distributor to customer is a smooth one. It’s just another way we reinforce our valued distributors. And, it’s another of the many reasons why we get high marks when it comes to distributor support.



“We have a staff of truly skilled, dedicated employees here at Wright Tool. In fact, our work force averages 15 years of long service. That’s a lot of knowledge and experience working for our customers.”

– Pat Taylor,  
Executive  
Vice-President  
and Chief Human  
Resource Officer



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**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.



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**WARNING**  
Wear safety goggles user and bystander.



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Before using tools, read safety information on pages 399-403.



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Comfort or plastic grips do not protect against electric shock.



# MASTER SETS



Wright Tool Company offers an impressive selection of master sets for professionals. From our mega master set with over 560 tools to our smaller apprentice and basic service sets, there's something for everyone—even metric sets. Each set contains quality tools, carefully selected according to need and coverage.



**W A R N I N G !**

## MASTER SETS SAFETY

**ASME B107.59** – Striking Wrenches

**ASME B107.100** – Flat Wrenches

**ASME B107.110** – Socket Wrenches

**ASME B107.300** – Torque Instruments

**ASME B107.400** – Striking Tools/Hammers

**ASME 107.410** – Struck Tools

**ASME B107.500** – Pliers

**ASME B107.510** – Pliers and Shears

**ASME B107.600** – Screwdrivers

**Mega Fractional Master Set – 1/4", 3/8", 1/2" & 3/4" Drives**

**Set No. 101**

447 Pieces Including  
WTP4206RD, BK, BU 42" 6 Drawer Chest &  
WTP4214RD, BK, BU 42" 14 Drawer Roller Cabinet

**Set No. 102**

445 Pieces  
(Tools Only - Cabinets Not Included)

See Page 323 for contents.



**Mega Fractional Master Set – 1/4", 3/8", 1/2" & 3/4" Drives**

**Set No. 105**

561 Pieces Including  
WT4211RD 42" 11 Drawer Top Chest &  
WT4215RD 42" 15 Drawer Roller Cabinet (Friction Slides)  
Full width drawer has ball bearing slides



**Set No. 107**

559 Pieces  
(Tools Only - Cabinets Not Included)

See Page 325 for contents.



MASTER SETS

**Master Fractional/Metric Set – 1/4", 3/8", 1/2" & 3/4" Drives**

**Set No. 112\***

283 Pieces Including  
WT2712RD 27" 12 Drawer Chest &  
WT2711RD 27" 11 Drawer Roller Cabinet (Friction Slides)

**Set No. 113\***

281 Pieces  
(Tools Only - Cabinets Not Included)

See Page 328 for contents.  
(\*Not all products branded Wright.)



**Master Maintenance Set – 1/4", 3/8" & 1/2" Drives**

**Set No. 121**

374 Pieces Including  
WT2712RD 27" 12 Drawer Chest &  
WT2711RD 27" 11 Drawer Roller Cabinet (Friction Slides)



**Set No. 122**

372 Pieces  
(Tools Only - Cabinets Not Included)

See Page 330 for contents.



MASTER SETS



**Intermediate Set – 1/4", 3/8", 1/2" & 3/4" Drives**

**Set No. 125**

256 Pieces Including  
WTP4214RD, BK, BU 42" 14 Drawer Roller Cabinet

**Set No. 126**

255 Pieces  
(Tools Only - Cabinet Not Included)

See Page 332 for contents.



**Intermediate Set – 1/4", 3/8" & 1/2" Drives**

**Set No. 130**

220 Pieces Including  
WT2712RD 27" 12 Drawer Tool Chest  
(Friction Slides)

**Set No. 131**

219 Pieces  
(Tools Only - Cabinet Not Included)

See Page 334 for contents.



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**General Maintenance Set – 1/4", 3/8" & 1/2" Drives**

**Set No. 135**

135 Pieces Including  
WT2103RD 21" 3 Drawer Portable Tool Chest

**Set No. 136**

134 Pieces  
(Tools Only - Cabinet Not Included)

See Page 336 for contents.



**Mechanics Set – 1/4", 3/8" & 1/2" Drives**

**Set No. 140\***

140 Pieces Including  
WT2103RD 21" 3 Drawer Portable Tool Chest

**Set No. 141**

139 Pieces  
(Tools Only - Cabinet Not Included)

See Page 337 for contents.  
(\*Now uses WT523 Box)



MASTER SETS

**General Service Set – 1/4", 3/8" & 1/2" Drives**

**Set No. 150**

132 Pieces Including  
WT2100RD 21" Heavy-Duty Mechanic's  
Box with Tray

See Page 338 for contents.

**Set No. 152**

131 Pieces  
(Tools Only - Box Not Included)



MASTER SETS



**Basic Service Set – 1/4", 3/8" & 1/2" Drives**

**Set No. 160**

99 Pieces Including  
WT2100RD 21" Heavy-Duty Mechanic's  
Box with Tray

See Page 339 for contents.

**Set No. 161**

98 Pieces  
(Tools Only - Box Not Included)



MASTER SETS

**Starter Set – 3/8" & 1/2" Drives**

**Set No. 165**

97 Pieces Including  
WT2100RD 21" Heavy-Duty Mechanic's  
Box with Tray

See Page 340 for contents.

**Set No. 166**

96 Pieces  
(Tools Only - Box Not Included)



**Apprentice Set – 3/8" Drive**

**Set No. 170**

54 Pieces Including  
WT2100RD 21" Heavy-Duty Mechanic's  
Box with Tray

See Page 341 for contents.

**Set No. 171**

53 Pieces  
(Tools Only - Box Not Included)



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**Industrial Maintenance Set – 1/4", 3/8" & 1/2" Drives**

**Set No. 180**

114 Pieces Including  
WT2606RD 26" 6 Drawer Chest with Tray  
(Friction Slides)

**Set No. 181**

113 Pieces  
(Tools Only - Chest Not Included)

See Page 342 for contents.



## Aircraft Mechanic's Starter Set – 1/4", 3/8" & 1/2" Drives

### Set No. 185

107 Pieces Including  
WT2103RD 21" 3 Drawer Portable Tool Chest

### Set No. 186

106 Pieces  
(Tools Only - Chest Not Included)

See Page 343 for contents.



**WARNING**  
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**WARNING**  
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## Metric Add-On Set – 1/4", 3/8" & 1/2" Drives

### Set No. 189

151 Pieces (Tools Only)

See Page 344 for contents.



**Master Metric Maintenance Set – 1/4", 3/8" & 1/2" Drives**

**Set No. 190**

264 Pieces Including  
WT2712RD 27" 12 Drawer Top Chest &  
WT2711RD 27" 11 Drawer Roller Cabinet (Friction Slides)

**Set No. 191**

262 Pieces  
(Tools Only - Cabinets Not Included)

See Page 345 for contents.



**MASTER SETS**



**Metric Service Set – 1/4", 3/8" & 1/2" Drives**

**Set No. 194**

123 Pieces Including  
WT2103RD 21" 3 Drawer Portable Tool Chest

**Set No. 195**

122 Pieces  
(Tools Only - Cabinet Not Included)

See Page 347 for contents.



MASTER SETS



## Metric Apprentice Set – 3/8" & 1/2" Drives

### Set No. 199

75 Pieces Including  
WT1900RD 19" Tool Box with Tray

See Page 348 for contents.



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Comfort or plastic grips do not protect against electric shock.

# TOOL CHESTS, CABINETS & BOXES



From our 19" tool box to our large multi-drawer roller cabinets, Wright provides a full array of rugged tool storage products. All tool chests, cabinets and boxes are constructed of quality steel. Other features include powder coat paint for superior scratch/chemical resistance, double wall construction for great strength, optional colors on some models and specially designed shipping boxes to avoid damage.



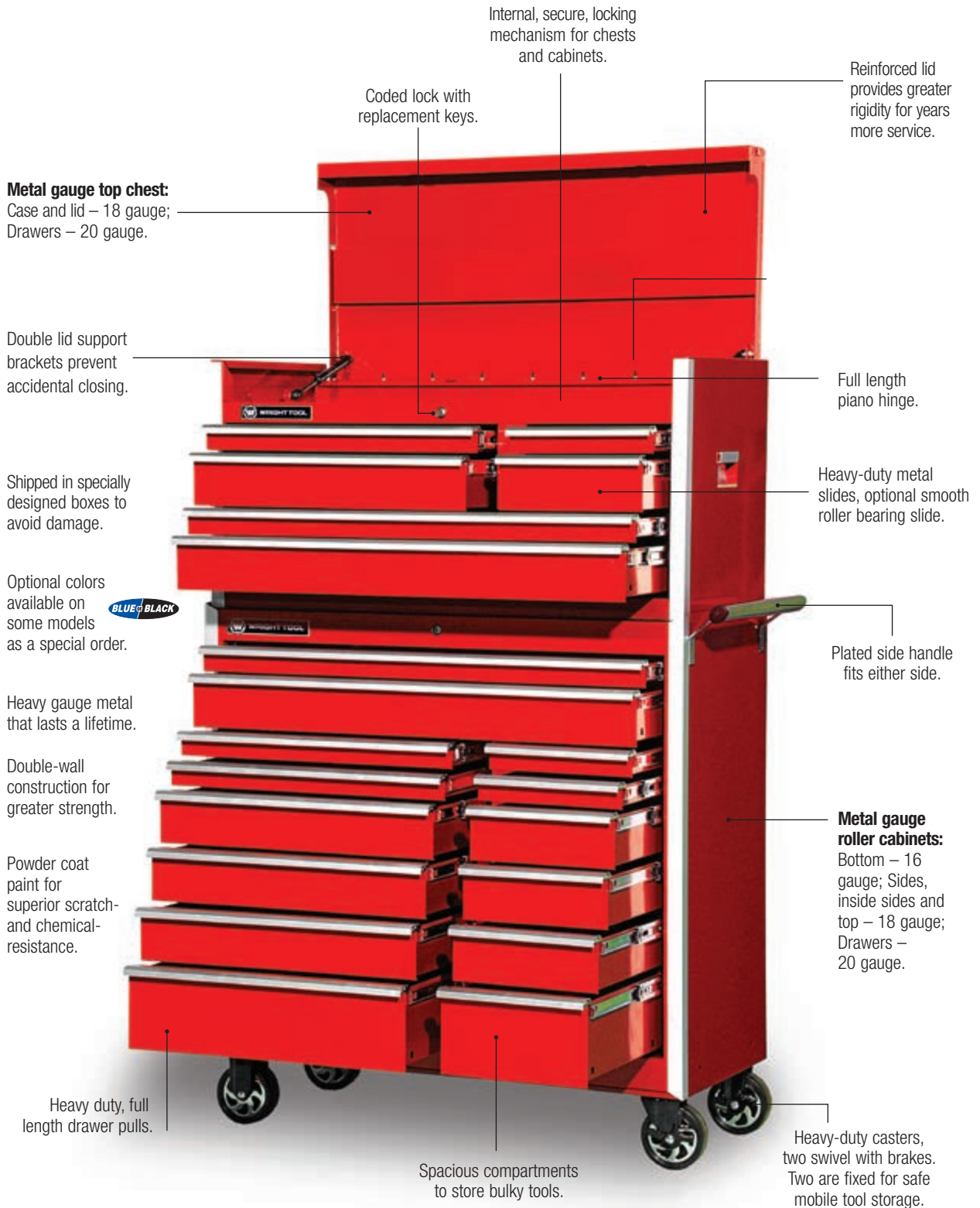
**W A R N I N G !**

## TOOL STORAGE SAFETY

### TOOL STORAGE UNIT (boxes, chests, cabinets)

- Users and bystanders must wear safety goggles.
- To avoid possible eye injury from flying objects, safety goggles or equivalent protection conforming to ANSI Z87.1 shall be worn and kept clean by the user and all persons in the immediate area where any tool is being used.
- Do not stand or climb on drawers.
- Do not open more than one drawer at a time.
- Never pull your tool storage unit. Always push so you can see the direction you are traveling and avoid obstacles. Move tool storage units in a controlled manner on smooth, level surfaces.
- Never use a tool storage unit for an anvil, workbench, ladder, or similar purpose.
- Do not stand on tool boxes, tool chests or tool cabinets.
- Do not overload drawers.
- Do not move a tool storage unit without locking or securing all drawers or lids.
- Never leave tools unattended on top of a tool storage unit.
- Make sure that wheels on tool storage units turn freely.
- Set the brakes on locking casters when the storage unit is at the work area.





**Metal gauge top chest:**  
Case and lid – 18 gauge;  
Drawers – 20 gauge.

Double lid support brackets prevent accidental closing.

Shipped in specially designed boxes to avoid damage.

Optional colors available on some models as a special order. 

Heavy gauge metal that lasts a lifetime.

Double-wall construction for greater strength.

Powder coat paint for superior scratch- and chemical-resistance.

Heavy duty, full length drawer pulls.

Spacious compartments to store bulky tools.

Internal, secure, locking mechanism for chests and cabinets.

Coded lock with replacement keys.

Reinforced lid provides greater rigidity for years more service.

Full length piano hinge.

Heavy-duty metal slides, optional smooth roller bearing slide.

Plated side handle fits either side.

**Metal gauge roller cabinets:**  
Bottom – 16 gauge; Sides, inside sides and top – 18 gauge; Drawers – 20 gauge.

Heavy-duty casters, two swivel with brakes. Two are fixed for safe mobile tool storage.



## 27" 5 Drawer Pro Top Chest WTP2705RD, BK, BU

26-7/8" W · 19-15/16" H · 18-9/32" D · 88 lbs.

- Heavy Duty gas struts on top lid for smooth and easy opening
- Clam shell style for easy access to top compartment area
- Aluminum recessed side handle
- High gloss powder coat scratch resistant paint
- Heavy duty double wall steel construction, built to last
- Protective aluminum corners on the front of the unit
- Full-extension 100lb. rated ball bearing drawer slides for smooth operation and ease of use
- Full length extruded aluminum drawer pulls
- Integrated latch security system on all drawers
- High security locks for added security
- High quality anti-skid drawer liners in all the drawers and top lid area

	Width (inches)	Height (inches)	Depth (inches)
Top Shelf	26-7/8"	3-3/8"	16-13/32"
4 Drawer	23"	1-3/8"	17"
1 Drawer	23"	3-9/16"	17"

**Storage Capacity:** 5,331 in<sup>3</sup>



## 27" 7 Drawer Pro Roller Cabinet WTP2707RD, BK, BU

26-7/8" W · 35-7/8" H · 18-9/32" D · 117 lbs.

- Aluminum recessed side handle
- High gloss powder coat scratch resistant paint
- Heavy duty double wall steel construction, built to last
- Protective aluminum corners on the front of the unit
- Full-extension 100lb. rated ball bearing drawer slides for smooth operation and ease of use
- Full length extruded aluminum drawer pulls
- Integrated latch security system on all drawers
- High security locks for added security
- High quality anti-skid drawer liners in all the drawers

	Width (inches)	Height (inches)	Depth (inches)
1 Drawer	23"	1-3/8"	17"
2 Drawer	23"	2-3/4"	17"
3 Drawer	23"	3-9/16"	17"
1 Drawer	23"	8-1/4"	17"

**Storage Capacity:** 10,091 in<sup>3</sup>



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.



### 42" 6 Drawer Pro Top Chest WTP4206RD, BK, BU

41-1/2" W · 19-7/8" H · 18-9/32" D · 124 lbs.

- Heavy Duty gas struts on top lid for smooth and easy opening
- Aluminum recessed side handle
- High gloss powder coat scratch resistant paint
- Heavy duty double wall steel construction, built to last
- Protective aluminum corners on the front of the unit
- Full-extension 120lb. rated ball bearing drawer slides for smooth operation and ease of use
- Full length extruded aluminum drawer pulls
- Integrated latch security system on all drawers

		Width (inches)	Height (inches)	Depth (inches)
Top Shelf		41"	3-9/32"	17"
Left Bank	1 Drawer	23"	1-3/8"	17"
	1 Drawer	23"	3-1/2"	17"
Right Bank	1 Drawer	11"	1-3/8"	17"
	1 Drawer	11"	3-1/2"	17"
Bottom Drawers	1 Drawer	37"	1-3/8"	17"
	1 Drawer	37"	1-3/8"	17"

**Storage Capacity:** 8,306 in<sup>3</sup>



### 42" 14 Drawer Pro Roller Cabinet WTP4214RD, BK, BU

41-1/2" W · 42-5/8" H · 47" D · 230 lbs.

- Heavy duty double wall steel construction with reinforced bottom channels, built to last
- High gloss powder coat scratch resistant paint
- Protective aluminum corners on the front of the unit
- Double drawer slides on bottom drawers to accommodate heavier contents (load of 240 lb.)
- Heavy duty casters 5" x 2" with double layer ball bearing caps
- Full length extruded aluminum drawer pulls
- Integrated latch security system on all drawers

		Width (inches)	Height (inches)	Depth (inches)
Top Shelf	1 Drawer	38"	1-3/8"	17"
	1 Drawer	38"	3-1/2"	17"
Left Bank	1 Drawer	23"	1-3/8"	17"
	2 Drawers	23"	2-15/16"	17"
	2 Drawers	23"	3-1/2"	17"
	1 Drawer	23"	5-3/4"	17"
	1 Drawer	11"	1-3/8"	17"
Right Bank	2 Drawers	11"	3"	17"
	2 Drawers	11"	3-1/2"	17"
	1 Drawer	11"	5-3/4"	17"

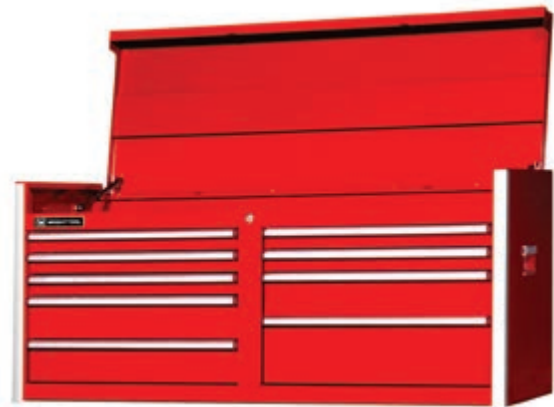
**Storage Capacity:** 11,560 in<sup>3</sup>



## 54" 9 Drawer Pro Top Chest WTP5409RD, BK, BU

52-17/32" W · 22-1/4" H · 17-7/8" D · 185 lbs.

- Heavy Duty gas struts on top lid for smooth and easy opening
- Aluminum recessed side handle
- High gloss powder coat scratch resistant paint
- Heavy duty double wall steel construction, built to last
- Protective aluminum corners on the front of the unit
- Full-extension 120lb. rated ball bearing drawer slides for smooth operation and ease of use
- Full length extruded aluminum drawer pulls
- Integrated latch security system on all drawers



		Width (inches)	Height (inches)	Depth (inches)
Top Shelf		50-1/2"	3-9/32"	17-3/4"
Left Bank	3 Drawers	23"	1-5/8"	16-1/4"
	2 Drawers	23"	3-7/8"	17"
	2 Drawers	23"	1-5/8"	16-1/4"
Right Bank	1 Drawer	23"	3-7/8"	16-1/4"
	1 Drawer	23"	6"	16-1/4"

**Storage Capacity:** 12,537 in<sup>3</sup>

## 54" 13 Drawer Pro Roller Cabinet WTP5413RD, BK, BU

53-17/32" W · 42-3/8" H · 18-3/4" D · 276 lbs.

- Heavy duty double wall steel construction with reinforced bottom channels, built to last
- High gloss powder coat scratch resistant paint
- Protective aluminum corners on the front of the unit
- Oversized elliptical chromed side handle for easy maneuvering
- 6 heavy duty casters 5" x 2" with double layer ball bearing caps
- Full-extension 120lb. rated ball bearing drawer slides for smooth operation and ease of use
- Double drawer slides on bottom drawers to accommodate heavier contents (load of 240 lb.)
- Full length extruded aluminum drawer pulls
- Integrated latch security system on all drawers



		Width (inches)	Height (inches)	Depth (inches)
Left Bank	1 Drawer	23"	1-3/8"	17"
	4 Drawers	23"	3-9/16"	17"
	1 Drawer	23"	8"	17"
Right Bank	1 Drawer	23"	1-3/8"	17"
	2 Drawers	23"	3"	17"
	3 Drawer	23"	3-9/16"	17"
	1 Drawer	23"	5-3/4"	17"

**Storage Capacity:** 18,781 in<sup>3</sup>



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
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**WARNING**  
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## 75" 17 Pro Drawer Roller Cabinet WTP7517RD, BK, BU

75" W · 44-1/8" H · 24-1/2" D · 512 lbs.

- Heavy duty double wall steel construction
- Integrated latch security system on all drawers
- Heavy duty casters 5" x 2" with double layer ball bearing hub caps
- Full-extension 120lb rated ball bearing drawer slides for smooth operation and ease of use
- Full length extruded aluminum drawer pulls
- High gloss scratch resistant powder coat paint
- High quality anti-skid drawer liners in all the drawers and top lid area

		Width (inches)	Height (inches)	Depth (inches)
1 Drawer		51-5/8"	1-5/8"	22"
1 Drawer		51-5/8"	3-3/4"	22"
Left Bank	1 Drawer	32-5/8"	1-5/8"	22"
	3 Drawers	32-5/8"	3-7/8"	22"
	1 Drawer	32-5/8"	8-1/8"	22"
Center Bank	1 Drawer	15-3/4"	1-5/8"	22"
	2 Drawers	15-3/4"	3-7/8"	22"
	1 Drawer	15-3/4"	12-5/8"	22"
Right Bank	1 Drawer	15-3/4"	1-5/8"	22"
	1 Drawer	15-3/4"	3-7/8"	22"
	2 Drawers	15-3/4"	3-7/8"	22"
	1 Drawer	15-3/4"	12-5/8"	22"

**Storage Capacity:** 38,598 in<sup>3</sup>



## 42" 20 Drawer (All in one combo) WTT4220RD, BK, BU, OR

41-1/2" W · 61-3/8" H · 18-9/32" D · 291 lbs.

- Double wall steel construction
- Pull out practical work surface in the middle of the unit
- 100lb. drawer capacity
- Heavy duty 5" x 2" casters
- Keyed locking system for added security of contents
- Two gas struts for added safety when top lid is open
- High gloss powder coat paint finish resists scratches
- Pre-cut liners included
- Available in Red, Black, Blue and Orange

		Width (inches)	Height (inches)	Depth (inches)
Top Shelf		41-1/4"	3-5/8"	18"
Middle Work Surface		38"	2"	16-1/4"
Middle Large Drawer		38"	4-1/8"	16-1/4"
Left Bank	5 Drawers	23"	2"	16-1/4"
	3 Drawers	23"	3"	16-1/4"
	2 Drawers	23"	4-1/8"	16-1/4"
Right Bank	5 Drawers	11"	2"	16-1/4"
	3 Drawers	11"	3"	16-1/4"
	1 Drawer	11"	8-1/2"	16-1/4"

**Storage Capacity:** 29,415 in<sup>3</sup>



## 27" 4 Drawer Top Chest WTT2704RD, BK, BU

26-7/8" W · 14-1/4" H · 12" D · 41 lbs.

- Double wall steel construction
- Keyed locking system for added security of contents
- Full Width Extruded Aluminium Chromed Trim Drawer
- High gloss powder coat paint finish resists scratches
- 75 lb. drawer capacity
- Pre-cut liners included
- Available in Red, Black and Blue

	Width (inches)	Height (inches)	Depth (inches)
Top Shelf	26"	3-5/8"	12"
3 Drawers	23"	1-7/8"	11"
1 Drawer	23"	2"	11"

**Storage Capacity:** 2,955 in<sup>3</sup>



## 27" 5 Drawer Roller Cabinet WTT2705RD, BK, BU

26-7/8" W · 31" H · 18-9/32" D · 84 lbs.

- Double wall steel construction
- Keyed locking system for added security of contents
- High gloss powder coat paint finish resists scratches
- 75 lb. drawer capacity
- Pre-cut liners included
- Available in Red, Black and Blue

	Width (inches)	Height (inches)	Depth (inches)
Top Shelf	41-1/4"	3-5/8"	18"
1 Drawer	23"	2"	16-1/4"
4 Drawers	23"	4-1/8"	16-1/4"

**Storage Capacity:** 6,868 in<sup>3</sup>



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
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**WARNING**  
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## 42" 10 Drawer Top Chest WTT4210RD, BK, BU, OR

42" W · 18" H · 18-9/32" D · 125 lbs.

- Full-extension 100lb. rated ball bearing drawer slides for smooth operation and ease of use
- Keyed locking system for added security of contents
- Double wall steel construction
- Lid stays open
- Two gas struts for added safety when top lid is open
- High gloss powder coat paint finish resists scratches
- Full Width Extruded Aluminium Chromed Trim Drawer
- Protective aluminum corners on the front of the unit
- Pre-cut liners included

		Width (inches)	Height (inches)	Depth (inches)
Top Shelf		40-1/4"	3-9/16"	17-5/8"
Left Bank	3 Drawers	23"	1-7/8"	16-1/4"
	2 Drawers	23"	3"	16-1/4"
Right Bank	3 Drawers	10-7/8"	1-7/8"	16-1/4"
	2 Drawers	10-7/8"	3"	16-1/4"

**Storage Capacity:** 9,021 in<sup>3</sup>



## 42" 11 Drawer Roller Cabinet WTT4211RD, BK, BU, OR

42" W · 38" H · 18-9/32" D · 175 lbs.

- Full-extension 100lb. rated ball bearing drawer slides for smooth operation and ease of use
- Numerous drawer sizes and configurations to accommodate all your storage needs
- Protective aluminum corners on the front of the unit
- Keyed locking system for added security of contents
- High gloss powder coat paint finish resists scratches
- Double wall steel construction
- Full Width Extruded Aluminium Chromed Trim Drawer
- Pre-cut drawer liners included

		Width (inches)	Height (inches)	Depth (inches)
Long Drawer		37-3/8"	4"	16-1/4"
	1 Drawer	23"	1-7/8"	16-1/4"
Left Bank	4 Drawers	23"	3"	16-1/4"
	1 Drawer	23"	5"	16-1/4"
	2 Drawers	10-7/8"	3"	16-1/4"
Right Bank	1 Drawer	10-7/8"	5"	16-1/4"
	1 Drawers	10-7/8"	8-7/16"	16-1/4"

**Storage Capacity:** 12,495 in<sup>3</sup>



## 56" 6 Drawer Top Chest WTT5606RD, BK, BU, OR

56" W · 18" H · 23-1/2" D · 175 lbs.

- Full-extension 100lb. rated ball bearing drawer slides for smooth operation and ease of use
- Keyed locking system for added security of contents
- Double wall steel construction
- Two gas struts for added safety when top lid is open
- High gloss powder coat paint finish resists scratches
- Full Width Extruded Aluminium Chromed Trim Drawer
- Protective aluminum corners on the front of the unit
- Pre-cut liners included



		Width (inches)	Height (inches)	Depth (inches)
Top Shelf		54-7/8"	3-9/16"	23-3/8"
Left Bank	2 Drawers	32-5/8"	1-11/16"	22"
	2 Drawers	32-5/8"	3-7/8"	22"
Right Bank	1 Drawers	15-3/4"	3-7/8"	22"
	1 Drawers	15-3/4"	8-1/4"	22"

**Storage Capacity:** 16,746 in<sup>3</sup>

## 56" 10 Drawer Roller Cabinet WTT5610RD, BK, BU, OR

56" W · 38" H · 24-1/8" D · 320 lbs.

- Full-extension 100lb. rated ball bearing drawer slides for smooth operation and ease of use
- Double slides on 8" drawer and 52" wide drawer
- Keyed locking system for added security of contents
- High gloss powder coat paint finish resists scratches
- Heavy Duty casters 5 in x 2 in with toe locks
- Double wall steel construction
- Full Width Extruded Aluminium Chromed Trim Drawer
- Protective aluminum corners on the front of the unit
- Pre-cut drawer liners included



		Width (inches)	Height (inches)	Depth (inches)
Long Drawer		51-7/8"	5"	22"
Left Bank	2 Drawers	33-5/8"	2-3/4"	22"
	3 Drawers	33-5/8"	4"	22"
Right Bank	3 Drawers	16-1/2"	2"	22"
	1 Drawer	16-1/2"	12"	22"

**Storage Capacity:** 22,788 in<sup>3</sup>



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
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**WARNING**  
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## 75" 15 Drawer Roller Cabinet WTT7515RD, BK, BU

75" W · 39" H · 24-1/2" D · 488 lbs.

- Double wall steel construction with Re-enforced frame
- High gloss powder coat paint finish resists scratches
- 15 drawers 18 in. deep for ample storage
- 3/8 in. rubber top mat working surface
- Full width aluminum chromed drawer pulls with Full-extension 100lb. rated ball bearing drawer slides for smooth operation and ease of use
- Includes 6 heavy duty casters 6 in. x 2 in. rated 408 kg (900 lbs.) - 2 fixed casters and 4 swivel casters with toe breaks
- Protective aluminum corners on the front of the unit
- Stands 40.38 inches tall
- Includes pre-cut anti-skid drawer liners

		Width (inches)	Height (inches)	Depth (inches)
Long Drawer		51-7/8"	4"	22"
Center Bank	2 Drawers	15-3/4"	2-13/16"	22"
	1 Drawer	15-3/4"	3-7/8"	22"
	1 Drawer	15-3/4"	8-4/16"	22"
Left Bank	2 Drawers	32-5/8"	1-7/8"	22"
	1 Drawer	32-5/8"	3-7/8"	22"
	1 Drawer	32-5/8"	8-4/16"	22"
Right Bank	1 Drawers	15-3/4"	3-7/8"	22"
	4 Drawer	15-3/4"	1-11/16"	22"
	1 Drawers	15-3/4"	12-5/8"	22"

**Storage Capacity:** 30,986 in<sup>3</sup>



## 15" Side Cabinet, Full Size Locker (with 3 Adjustable Shelves) WT4201RD, BK, BU, OR

15-3/8" W · 49-1/4" H · 18-3/4" D · 58 lbs.

- Available in Red, Black, Blue and Orange.

	Width inches	Height inches	Depth inches
<b>Overall</b>	15-3/8"	49-1/4"	18-3/4"

**Storage Capacity:** 13,700 in<sup>3</sup>



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**WARNING**  
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**WARNING**  
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## 27" 10 Drawer Tool Chest (with Friction Slides) WT2710RD

26-7/8" W · 19-15/16" H · 18-9/32" D · 85 lbs.

- Full extension drawers with smooth action compound drawer slides
- Heavy duty double wall construction for added strength
- High gloss powder coat scratch resistant paint
- Drawers are load rated at 75 lbs.
- Keyed locking system for added security of contents
- Plastic drawer trim

	Width (inches)	Height (inches)	Depth (inches)
Top Shelf	26"	3-5/8"	17-3/4"
6 Drawers	6-15/16"	1-7/8"	16-1/4"
1 Drawer	6-15/16"	6-15/16"	16-1/4"
2 Drawers	22-15/16"	1-7/8"	16-1/4"
1 Drawer	22-15/16"	4-1/16"	16-1/4"

**Storage Capacity:** 6,571 in<sup>3</sup>



## 27" 11 Drawer Roller Cabinet (with Friction Slides) WT2711RD

27" W · 42-3/8" H · 18-3/4" D · 135 lbs.

- Internal, secure, locking mechanism for chests and cabinets.
- Heavy duty, full length drawer pulls.
- Welded side handles, top chest.
- Double lid support brackets.
- Metal gauge roller cabinets: Bottom – 16 gauge;  
Sides, inside sides and top – 18 gauge; Drawers – 20 gauge.

	Width inches	Height inches	Depth inches
Overall	27"	42-3/8"	18-3/4"
4 Drawers	11"	2"	16"
4 Drawers	23"	2"	16"
2 Drawers	23"	4-1/4"	16"
1 Drawer	23"	8-1/2"	16"

**Storage Capacity:** 10,264 in<sup>3</sup>



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### 26" 6 Drawer Drop Front Top Chest (with Friction Slides) WTD2606RD (Red)

26" W · 14-1/2" H · 12" D · 49 lbs.

- Internal, secure, locking mechanism for chests and cabinets.
- Heavy duty, full length drawer pulls.
- Welded side handles, top chest.
- Double lid support brackets.
- Metal gauge top chest: Case and lid – 18 gauge; Drawers – 20 gauge.

	Width inches	Height inches	Depth inches
Overall	26"	14-1/2"	12"
3 Drawers	7"	2"	10-1/2"
2 Drawers	23"	2"	10-1/2"
1 Drawer	23"	2-1/2"	10-1/2"

**Storage Capacity:** 2,535 in<sup>3</sup>



### 27" 10 Drawer Drop Front Top Chest (with Friction Slides) WTD2710RD (Red)

27" W · 20-1/2" H · 17-7/8" D · 91 lbs.

- Internal, secure, locking mechanism for chests and cabinets.
- Heavy duty, full length drawer pulls.
- Welded side handles, top chest.
- Double lid support brackets.
- Metal gauge top chest: Case and lid – 18 gauge; Drawers – 20 gauge.

	Width inches	Height inches	Depth inches
Overall	27"	20-1/2"	17-7/8"
1 Drawer	23"	4-1/4"	16"
2 Drawers	23"	2"	16"
6 Drawers	7"	2"	16"
1 Drawer	7"	6-7/16"	16"

**Storage Capacity:** 5,741 in<sup>3</sup>



## 26" 6 Drawer Top Chest (with Friction Slides) WT2606RD

26" W · 14-1/2" H · 12" D · 55 lbs.

- Internal, secure, locking mechanism for chests and cabinets.
- Heavy duty, full length drawer pulls.
- Welded side handles, top chest.
- Double lid support brackets.
- Metal gauge top chest: Case and lid – 18 gauge; Drawers – 20 gauge.

	Width inches	Height inches	Depth inches
Overall	26"	14-1/2"	12"
3 Drawers	7"	2"	10-1/2"
2 Drawers	23"	2"	10-1/2"
1 Drawer	23"	2-1/2"	10-1/2"

**Storage Capacity:** 3,155 in<sup>3</sup>



## 27" 3 Drawer Roller Cabinet with Compartment (with Friction Slides) WT2703RD

27" W · 35-5/8" H · 18-3/4" D · 82 lbs.

- Internal, secure, locking mechanism for chests and cabinets.
- Heavy duty, full length drawer pulls.
- Welded side handle, top chest.
- Double lid support brackets.
- Metal gauge roller cabinets: Bottom – 16 gauge; Sides, inside sides and top – 18 gauge; Drawers – 20 gauge.

	Width inches	Height inches	Depth inches
Overall	27"	35-5/8"	18-3/4"
1 Drawer	23"	2"	16"
1 Drawer	23"	4-1/4"	16"
1 Drawer	23"	6-7/16"	16"

**Storage Capacity:** 11,261 in<sup>3</sup>



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
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**WARNING**  
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### 42" 15 Drawer Roller Cabinet WT4215RD

41-1/2" W · 42-3/8" H · 18-3/4" D · 204 lbs.

- Internal, secure, locking mechanism
- Heavy duty, full length drawer pulls.
- Roller bearing slides on top drawer only
- Heavy duty double wall construction for added strength
- Metal gauge roller cabinets: Bottom – 16 gauge;  
Sides, inside sides and top – 18 gauge; Drawers – 20 gauge.

	Width inches	Height inches	Depth inches
Overall	41-1/2"	42-3/8"	18-3/4"
4 Drawers	23"	2"	16"
4 Drawers	11"	2"	16"
2 Drawers	23"	4-1/4"	16"
2 Drawers	11"	4-1/4"	16"
1 Drawer	23"	6-7/16"	16"
1 Drawer	11"	6-7/16"	16"
1 Drawer	38"	4-1/4"	16"

**Storage Capacity:** 14,623 in<sup>3</sup>



### 19" Tool Box with Tray WT1900RD

19" W · 6-1/2" H · 6" D · 5.4 lbs.

	Width inches	Depth inches	Height inches
Overall	19"	6"	6-1/2"
1 Tray	18-1/2"	5-1/2"	2"

**Storage Capacity:** 741 in<sup>3</sup>



## 21" Heavy-Duty Mechanic's Box with Tray (24-Gauge) WT2100RD

21" W · 9" H · 8-3/4" D · 10.8 lbs.

	Width inches	Depth inches	Height inches
Overall	21"	8-3/4"	9"
1 Tray	20-5/8"	8-1/4"	2"

**Storage Capacity:** 1,613 in<sup>3</sup>



## 21" 3 Drawer Chest (portable) WT2103RD

21" W · 12" H · 8-3/4" D · 20 lbs.

	Width inches	Height inches	Depth inches
Overall	21"	12"	8-3/4"
2 Drawers	20"	2"	8"
1 Drawer	20"	2-1/2"	8"

**Storage Capacity:** 1,606 in<sup>3</sup>



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.



## 26" 5 Drawer Road Warrior Chest ZRT2605BK (Black)

26" W · 22" H · 17-7/8" D · 112 lbs.

- Heavy-gauge metal prevents buckling and cracking.
- 18-gauge on everything but lid. 20-gauge on lid.
- Drop-front cover has neoprene seal to make the unit water-resistant and dust-tight.
- Welded side handles allow easy movement.
- Powder-coat black paint provides long-lasting durability in outdoor environments.
- Full-length drawer holds long tools used on heavy-duty equipment.
- Shielded hinges.
- Cushion bars attached to tool chest bottom provide protection; keep box off the floor in wet conditions.
- Heavy-duty slides assure easy, long-term drawer movement.

	Width inches	Depth inches	Height inches
Overall	26"	17-7/8"	22"
2 Drawers	23"	16"	4-1/4"
3 Drawers	23"	16"	2"

**Storage Capacity:** 6,847 in<sup>3</sup>



## 34" 5 Drawer Road Warrior Chest ZRT3405BK (Black)

34" W · 22" H · 17-7/8" D · 148 lbs.

	Width inches	Depth inches	Height inches
Overall	34"	17-7/8"	22"
2 Drawers	31"	16"	4-1/4"
3 Drawers	31"	16"	2"

**Storage Capacity:** 9,096 in<sup>3</sup>



## Replacement Lock & Key Sets

Need serial number on back of cabinet or number on lock to determine the correct application.

Part No.	Used For	Type
3009S Series	All Professional Series Tool Chests and Cabinets	Tubular High Security Lock
WT3010	All Tech and Classic Series Tool Chests and Cabinets	Standard Flat Lock

Please call customer service to ensure the right lock is being ordered.



**WARNING**  
Wear safety goggles user and bystander.

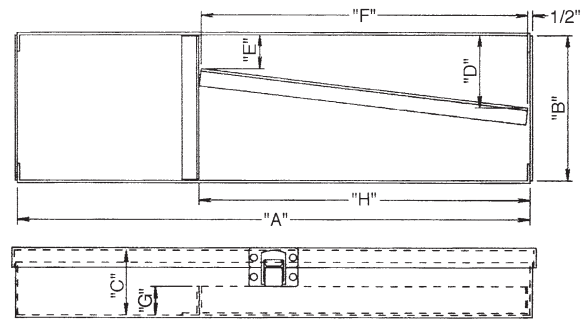


**WARNING**  
Before using tools, read safety information on pages 399-403.



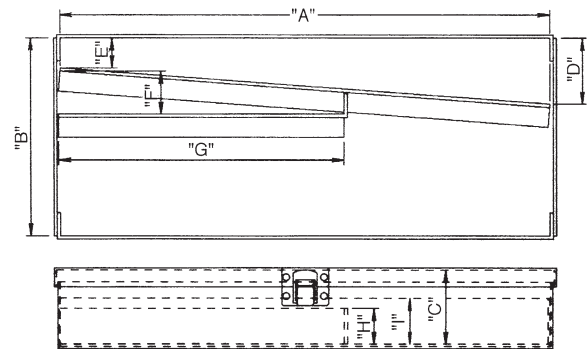
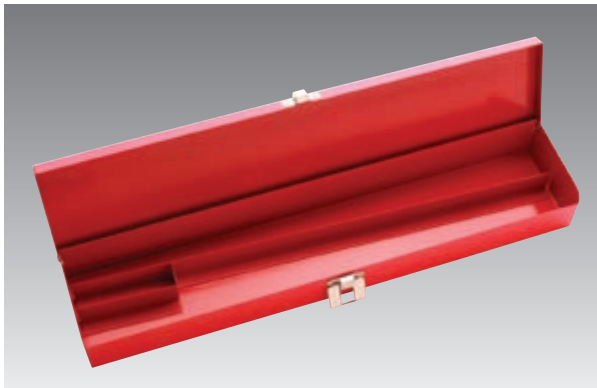
**WARNING**  
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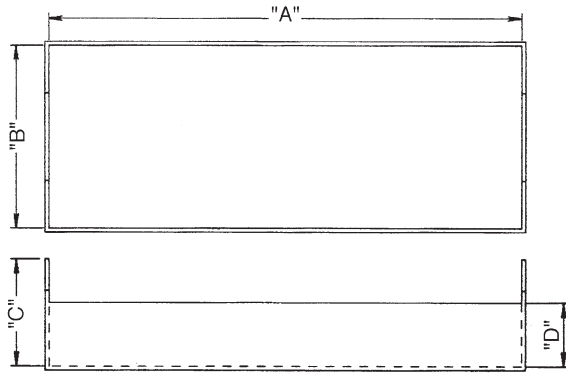
Box No.	A	B	C	D	E	F	G	H	Required Catch
11	10-3/4"	4-1/2"	1-1/8"	—	—	—	—	—	Chrome Catch
13	13"	5-1/4"	1-1/4"	—	—	—	—	—	Chrome Catch
22	13-1/2"	4-1/4"	2-9/16"	2-13/32"	2-1/8"	13"	2"	—	Chrome Catch
23	11-3/4"	4"	3-5/8"	—	—	—	—	—	Chrome Catch
45**	18-1/4"	5-1/4"	2-1/4"	—	—	—	—	—	Chrome Catch
W316	16-1/4"	3-1/2"	1-1/2"	1-1/16"	21/32"	10-5/8"	5/8"	8-3/32"	Chrome Catch
W408	8"	3-3/4"	1-1/2"	1-1/4"	5/8"	7-15/16"	5/8"	N/A	Chrome Catch
W416	16"	3-3/4"	1-1/2"	1-1/4"	5/8"	9-7/8"	5/8"	7-15/16"	Chrome Catch
W417	17-3/4"	3-3/4"	2"	1-25/32"	13/16"	17-11/16"	1"	—	Chrome Catch
96A*	25-1/2"	5-1/4"	3"	2-3/8"	1-3/8"	24-1/2"	1-7/16"	—	Hasp-Staple Combination Latch
97	4-29/32"	2-5/16"	15/16"	—	—	—	—	—	Chrome Catch
98	20"	4"	1-1/2"	1-13/32"	21/32"	11-11/16"	5/8"	11-3/4"	Chrome Catch

\*NOTE: 96A box is the only one with a 1/2" dimension and handles at each end. \*\*NOTE: Box accommodates speeders.



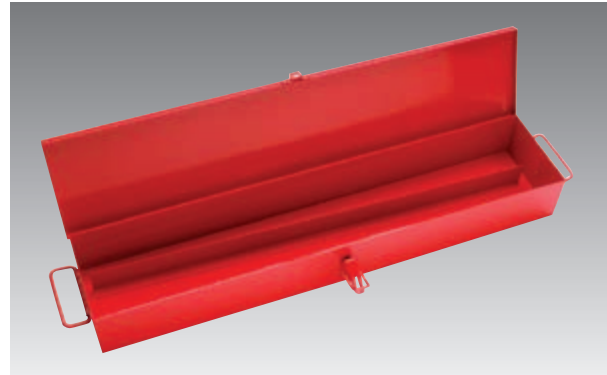
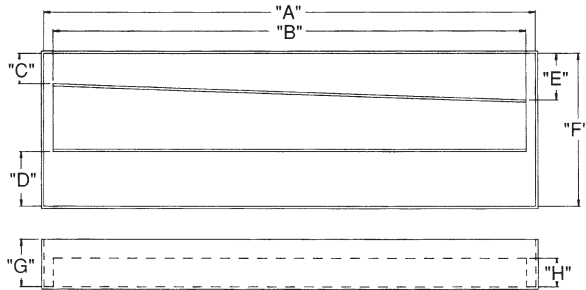
Box No.	A	B	C	D	E	F	G	H	I	Catch
W409	8-11/16"	3-3/4"	1-1/2"	31/32"	21/32"	1-1/16"	2-1/16"	5/8"	5/8"	Chrome Catch
W411	10-5/8"	3-3/4"	2"	1-7/16"	13/16"	1-3/4"	4-11/16"	1"	1"	Chrome Catch
W418	18-3/8"	3-3/4"	2"	1-13/16"	7/8"	15/16"	3-13/32"	1"	1"	Chrome Catch





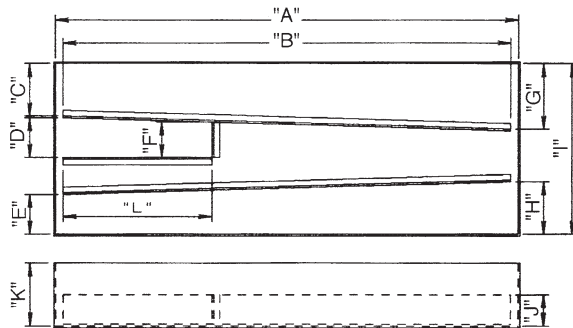
Box No.	A	B	C	D
89	14-7/8"	5-3/4"	3-3/8"	2"

Chrome catch in center of box. Handle in middle of hip roof top.



Box No.	A	B	C	D	E	F	G	H	Required Catch
237	26-1/4"	25-1/4"	1-11/16"	3"	2-9/16"	8-3/16"	3-3/8"	2"	Two Hasp-Staple Combination Latches

Note: Handle at each end.



Box No.	A	B	C	D	E	F	G	H	I	J	K	L	Required Catch
299	31"	30"	3-1/2"	2-11/16"	2-11/16"	2-1/4"	4-1/2"	3-9/16"	11-1/2"	2-1/8"	4-3/8"	10"	Two Hasp-Staple Combination Latches

Note: Handle at each end.



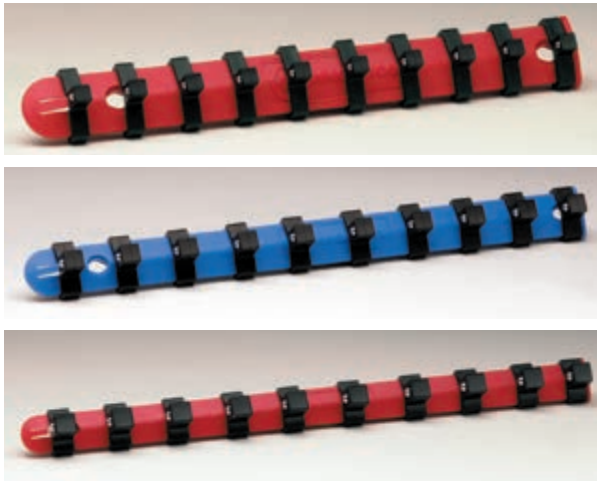
**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
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**WARNING**  
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## Clip Rails

SAE Red		Metric Blue	
Part No.	Size	Part No.	Size
W008	8"	W108	8"
W010	10"	W110	10"
W013	13"	W113	13"

## Clips

Part No.	Size
W2	1/4"
W3	3/8"
W4	1/2"

NOTE: Clips can be used on any length rail.



## Denim Tool Rolls

Denim Tool Roll No.	A Width	B Height	No. of Pockets
707-ROLL	13"	13-3/4"	7
711-ROLL	22-5/8"	17-3/4"	11
714-ROLL	30-3/4"	22-1/4"	14
715-ROLL	28-1/2"	22-1/4"	15
732-ROLL	35"	23"	18
735-ROLL	11-1/8"	13-1/2"	5
736-ROLL	13-1/2"	16"	6
737-ROLL	16-3/4"	21-1/8"	7
738-ROLL	18-7/16"	21"	8
739-ROLL	21-1/4"	19-1/4"	10
741-ROLL	20-7/8"	16"	10
742-ROLL	15"	10-3/4"	7
745-ROLL	20-1/2"	10"	9
746-ROLL	12-1/8"	20"	5
751-ROLL	18"	14-3/8"	10
752-ROLL	24"	15-3/4"	15
758-ROLL	35-1/4"	16-3/4"	18



## Denim Tool Pouches

Denim back with vinyl front.

Denim Pouch No.	A Width	B Height	Used for Sets
A707-Pouch	5"	13-7/8"	A705, A707, A750 & A751
A711-Pouch	7-1/4"	17-1/4"	A711, A752, A758, 9214, 9218, 9462, 9463, 9475, 9476 & 9477
A714-Pouch	9-5/16"	21-1/2"	A714, A715 & 9464
A724-Pouch	7-1/4"	14"	723, 724, 754, 9210, 9212 & 9216



### Straight Style Wrench Racks

Part No.	Description	Color
S1507RACK	7 Pieces	Red
S1512RACK	11 Pieces	Red

### Angle Style Wrench Racks

Part No.	Description	Color
S1198RACK	7 Pieces	Red
S1202RACK	11 Pieces	Red
S1203RACK	15 Pieces	Red



Straight Style

Angle Style



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**WARNING**  
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**WARNING**  
Comfort or plastic grips do not protect against electric shock.



# WRENCHES



Wright wrenches feel as good as they look. And they have a reserve of strength for tough jobs. They feature the patented Wright Drive® and WrightGrip®, which provides more torque with less fastener damage, distributing stress evenly over a larger contact area and away from the fastener corners. They're ideal for applications ranging from standard nuts and bolts to aerospace fasteners. We also offer striking wrenches for extra-heavy-duty use.



# W A R N I N G !

## WRENCHES

- Users and bystanders must wear safety goggles.
- To avoid possible eye injury from flying objects, safety goggles or equivalent protection conforming to ANSI Z87.1 shall be worn and kept clean by the user and all persons in the immediate area where any tool is being used.
- Comfort or plastic grips on handles are not intended to give any degree of protection against electric shock and shall not be used on or near live electric circuits.

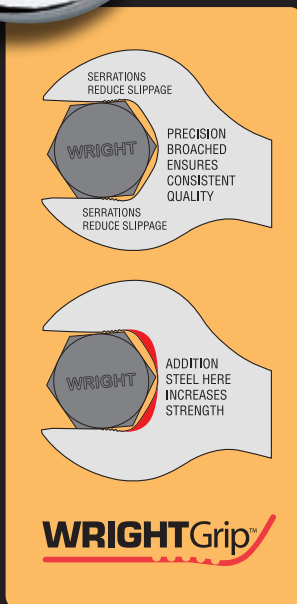
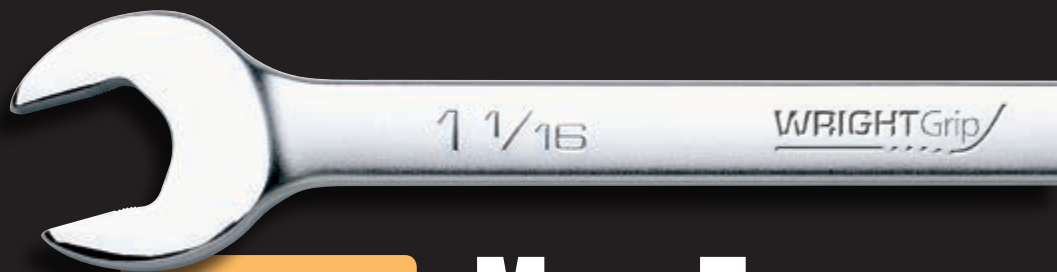
## STRIKING WRENCHES

- Users and bystanders must wear safety goggles.
- To avoid possible eye injury from flying objects, safety goggles or equivalent protection conforming to ANSI Z87.1 shall be worn and kept clean by the user and all persons in the immediate area where any tool is being used.
- Striking wrenches are special-purpose tools designed and intended only for use with heavy-duty fasteners where shock or impact is needed to fully tighten or loosen.

# Wrenches Safety

- Wrenches are to be used by hand only. Do not use cheater bars or any other means of increasing leverage. The only wrenches that can be struck with a hammer are striking wrenches.
- Never use wrenches for prying or as a hammer.
- Never expose any wrench to excessive heat, which may change the hardness or microstructure and ruin the tool.
- Wrenches are to be used to turn (tighten and loosen) fasteners.
- Users shall apply a controlled force with a stance adjusted and braced to prevent rapid bodily movement or a fall if sudden release occurs.
- Use the correct size wrench, do not use metric wrenches on inch fasteners or inch wrenches on metric fasteners, because the fit is not good enough.
- Always be sure to fully seat an open-end wrench on the nut or bolt.
- Adjustable wrenches need to be tightly adjusted to fit the nut with the force applied to the fixed jaw. Never use adjustable wrenches for the initial breaking loose of a “frozen” fastener or for final tightening.
- Pipe wrenches are designed to turn or hold pipe; never use a pipe wrench to bend, raise or lift a pipe. Do not use pipe wrenches on square stock.
- Inspect each pipe wrench or adjustable wrench before use for worn or broken teeth, thumbscrews or jaws and discard if deteriorated.
- Inspect and discard bent, worn or cracked wrenches.
- Wrench opening configurations shall be inspected before each use and their use discontinued at the first sign of significant wrenching surface deterioration.
- Wrenches shall not be used when jaws are sprung to the point slippage may occur.
- A striking tool shall always be used with the striking face parallel to the struck face of the wrench. Glancing blows, overstrikes and understrikes need to be avoided. No surface of the wrench other than the struck face shall be struck. The striking tool of the appropriate size shall have a striking face diameter not less than 3/8" larger than the struck face of the wrench.
- Users shall apply a controlled force with a stance adjusted and braced to prevent rapid bodily movement or a fall if sudden release occurs.
- Striking wrenches shall not be used with “cheater” pipes or other means to extend the length of the tool.
- Striking wrenches shall be inspected prior to each use and their use discontinued at the first sign of bending of the shank or chipping or cracking of the box end or struck block. Deformation of the wrenching configuration may occur from tool usage.
- Striking wrenches shall be inspected prior to each use and their use discontinued at the first sign of significant wrenching surface deterioration.
- At the first indication of mushrooming, the struck face and struck face chamfer of the striking wrench shall be redressed to its original contour by the use of a hand file or whetstone.
- Except the struck face, no area, section, or portion of the striking wrench shall be ground, welded, treated by reheating, or otherwise altered from the original condition as furnished by the manufacturer.
- Care shall be exercised to prevent the wrench from dislodging from the fastener or nut while being impacted.

# WRIGHTGrip™



## More Torque Longer Life

HIGHER STRENGTH

- Additional metal for higher strength
- 50% stronger than Wright wrench
- 80% stronger than other wrenches
- Serrations for better seating, tighter grip
- Sizes: 1/4" to 4" SAE and 7mm to 80mm Metric
- Chrome and black finishes
- Made in U.S.A.

WrightGrip is the unique innovation featured on Wright's open-end and combination wrenches. The higher-strength, anti-slip design delivers more torque while increasing tool life. The improvements make loosening and tightening fasteners easier and more efficient.

The back end of the wrench opening is slightly enlarged. The additional metal in this high-stress area helps stiffen the wrench jaws, thus decreasing the chance of their spreading under heavy loads. The modified U-shaped feature on the back end further reduces stress and improves performance.

WrightGrip also incorporates strategically placed teeth on the insides of the wrench's two jaws, allowing for better seating and a tighter grip of the wrench on the fastener. One fastener corner locks into the groove to increase torque and prevent slippage under load.

The design provides 50% more strength and longer service life than Wright's traditional wrenches, with no increase in the tool's outside dimensions. When compared with other manufacturers' high-quality wrenches, the improvement in strength is as high as 80%. Not only does WrightGrip save wear and tear on the wrenches and fasteners, but it also helps spare your knuckles from getting scraped.

Contact Wright Tool at 800.321.2902. [www.wrighttool.com](http://www.wrighttool.com)

Made in U.S.A.



**WRIGHT TOOL**  
*PERFECTING PERFORMANCE*

**WRIGHTGrip®**

**7 Pieces – Combination  
Set No. 705**

12 Pt. Combination Wrenches

Part No.	Description	Part No.	Description
1108	1/4"	1116	1/2"
1110	5/16"	1118	9/16"
1112	3/8"	1120	5/8"
1114	7/16"	707-Roll	Denim Tool Roll



**WRIGHTGrip®**

**7 Pieces – Combination  
Set No. 707**

12 Pt. Combination Wrenches

Part No.	Description	Part No.	Description
1112	3/8"	1120	5/8"
1114	7/16"	1122	11/16"
1116	1/2"	1124	3/4"
1118	9/16"	707-Roll	Denim Tool Roll



**WRIGHTGrip®**

**11 Pieces – Combination  
Set No. 711**

12 Pt. Combination Wrenches

Part No.	Description	Part No.	Description
1112	3/8"	1124	3/4"
1114	7/16"	1126	13/16"
1116	1/2"	1128	7/8"
1118	9/16"	1130	15/16"
1120	5/8"	1132	1"
1122	11/16"	711-Roll	Denim Tool Roll



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.




**WRIGHTGrip®**
**14 Pieces – Combination Set No. 714**
**12 Pt. Combination Wrenches**

Part No.	Description	Part No.	Description
1112	3/8"	1128	7/8"
1114	7/16"	1130	15/16"
1116	1/2"	1132	1"
1118	9/16"	1134	1-1/16"
1120	5/8"	1136	1-1/8"
1122	11/16"	1140	1-1/4"
1124	3/4"	714-Roll	Denim Tool Roll
1126	13/16"		


**WRIGHTGrip®**
**15 Pieces – Combination Set No. 715**
**12 Pt. Combination Wrenches**

Part No.	Description	Part No.	Description
1110	5/16"	1126	13/16"
1112	3/8"	1128	7/8"
1114	7/16"	1130	15/16"
1116	1/2"	1132	1"
1118	9/16"	1134	1-1/16"
1120	5/8"	1136	1-1/8"
1122	11/16"	1140	1-1/4"
1124	3/4"	715-Roll	Denim Tool Roll

WrightGrip Patent #7,340,982

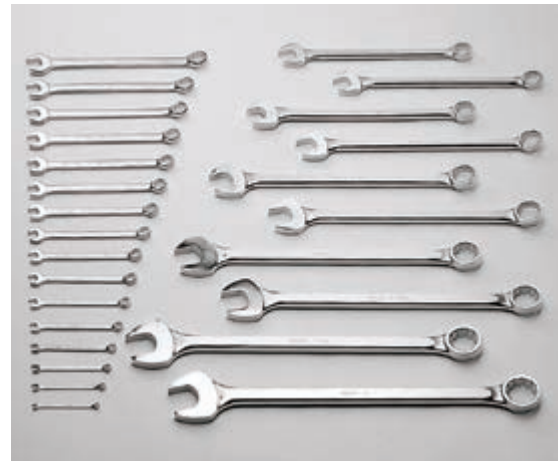


**WRIGHTGrip®**

**26 Pieces – Combination Set No. 726**

**12 Pt. Combination Wrenches**

Part No.	Description	Part No.	Description
1108	1/4"	1136	1-1/8"
1110	5/16"	1140	1-1/4"
1112	3/8"	1142	1-5/16"
1114	7/16"	1144	1-3/8"
1116	1/2"	1146	1-7/16"
1118	9/16"	1148	1-1/2"
1120	5/8"	1152	1-5/8"
1122	11/16"	1154	1-11/16"
1124	3/4"	1156	1-3/4"
1126	13/16"	1158	1-13/16"
1128	7/8"	1160	1-7/8"
1130	15/16"	1164	2"
1132	1"	Cardboard Box	
1134	1-1/16"		



**WRIGHTGrip®**

**16 Pieces – Combination Set No. 730**

**12 Pt. Combination Wrenches**

Part No.	Description	Part No.	Description
1142	1-5/16"	1164	2"
1144	1-3/8"	1166	2-1/16"
1146	1-7/16"	1168	2-1/8"
1148	1-1/2"	1170	2-3/16"
1152	1-5/8"	1172	2-1/4"
1154	1-11/16"	1176	2-3/8"
1156	1-3/4"	1180	2-1/2"
1158	1-13/16"	Cardboard Box	
1160	1-7/8"		



**WARNING**  
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**WARNING**  
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**WARNING**  
Comfort or plastic grips do not protect against electric shock.


**WRIGHTGrip®**
**11 Pieces – Combination Set No. 750**
**12 Pt. Metric Combination Wrenches**

Part No.	Description	Part No.	Description
11-07mm	7mm	11-13mm	13mm
11-08mm	8mm	11-14mm	14mm
11-09mm	9mm	11-15mm	15mm
11-10mm	10mm	11-17mm	17mm
11-11mm	11mm	11-19mm	19mm
11-12mm	12mm	711-Roll	Denim Tool Roll


**WRIGHTGrip®**
**10 Pieces – Combination Set No. 751**
**12 Pt. Metric Combination Wrenches**

Part No.	Description	Part No.	Description
11-10mm	10mm	11-16mm	16mm
11-11mm	11mm	11-17mm	17mm
11-12mm	12mm	11-18mm	18mm
11-13mm	13mm	11-19mm	19mm
11-14mm	14mm	751-Roll	Denim Tool Roll
11-15mm	15mm		



**WRIGHTGrip®**

**15 Pieces – Combination  
Set No. 752**

**12 Pt. Metric Combination Wrenches**

Part No.	Description	Part No.	Description
11-07mm	7mm	11-15mm	15mm
11-08mm	8mm	11-16mm	16mm
11-09mm	9mm	11-17mm	17mm
11-10mm	10mm	11-18mm	18mm
11-11mm	11mm	11-19mm	19mm
11-12mm	12mm	11-21mm	21mm
11-13mm	13mm	11-22mm	22mm
11-14mm	14mm	752-Roll	Denim Tool Roll



**WRIGHTGrip®**

**18 Pieces – Combination  
Set No. 758**

**12 Pt. Metric Combination Wrenches**

Part No.	Description	Part No.	Description
11-07mm	7mm	11-17mm	17mm
11-08mm	8mm	11-18mm	18mm
11-09mm	9mm	11-19mm	19mm
11-10mm	10mm	11-20mm	20mm
11-11mm	11mm	11-21mm	21mm
11-12mm	12mm	11-22mm	22mm
11-13mm	13mm	11-23mm	23mm
11-14mm	14mm	11-24mm	24mm
11-15mm	15mm	758-Roll	Denim Tool Roll
11-16mm	16mm		




**WRIGHTGrip®**
**28 Pieces – Combination Set No. 760**
**12 Pt. Metric Combination Wrenches**

Part No.	Description	Part No.	Description
11-06mm	6mm	11-21mm	21mm
11-07mm	7mm	11-22mm	22mm
11-08mm	8mm	11-23mm	23mm
11-09mm	9mm	11-24mm	24mm
11-10mm	10mm	11-25mm	25mm
11-11mm	11mm	11-26mm	26mm
11-12mm	12mm	11-27mm	27mm
11-13mm	13mm	11-30mm	30mm
11-14mm	14mm	11-32mm	32mm
11-15mm	15mm	11-36mm	36mm
11-16mm	16mm	11-41mm	41mm
11-17mm	17mm	11-46mm	46mm
11-18mm	18mm	11-50mm	50mm
11-19mm	19mm	Cardboard Box	
11-20mm	20mm		


**WRIGHTGrip®**
**7 Pieces – Combination Wrench Set No. 720**
**Black 12 Pt. Combination Wrenches**

Part No.	Description	Part No.	Description
31112	3/8"	31120	5/8"
31114	7/16"	31122	1 1/16"
31116	1/2"	31124	3/4"
31118	9/16"	707-Roll	Denim Tool Roll


**WRIGHTGrip®**
**7 Pieces – Combination Wrench Set No. 721**
**Black 12 Pt. Combination Wrenches**

Part No.	Description	Part No.	Description
31112	3/8"	31128	7/8"
31114	7/16"	31130	15/16"
31116	1/2"	31132	1"
31118	9/16"	31134	1-1/16"
31120	5/8"	31136	1-1/8"
31122	11/16"	31140	1-1/4"
31124	3/4"	714-Roll	Denim Tool Roll
31126	13/16"		



**WRIGHTGrip®**

**7 Pieces – Full Polish Combination Set No. 905**

12 Pt. Full Polish Combination Wrenches

Part No.	Description	Part No.	Description
1208	1/4"	1216	1/2"
1210	5/16"	1218	9/16"
1212	3/8"	1220	5/8"
1214	7/16"	707-Roll	Denim Tool Roll



**WRIGHTGrip®**

**7 Pieces – Full Polish Combination Set No. 907**

12 Pt. Full Polish Combination Wrenches

Part No.	Description	Part No.	Description
1212	3/8"	1220	5/8"
1214	7/16"	1222	11/16"
1216	1/2"	1224	3/4"
1218	9/16"	707-Roll	Denim Tool Roll



**WRIGHTGrip®**

**11 Pieces – Full Polish Combination Set No. 911**

12 Pt. Full Polish Combination Wrenches

Part No.	Description	Part No.	Description
1212	3/8"	1224	3/4"
1214	7/16"	1226	13/16"
1216	1/2"	1228	7/8"
1218	9/16"	1230	15/16"
1220	5/8"	1232	1"
1222	11/16"	711-Roll	Denim Tool Roll




**WRIGHTGrip®**
**14 Pieces – Full Polish Combination  
Set No. 914**
**12 Pt. Full Polish Combination Wrenches**

Part No.	Description	Part No.	Description
1212	3/8"	1228	7/8"
1214	7/16"	1230	15/16"
1216	1/2"	1232	1"
1218	9/16"	1234	1-1/16"
1220	5/8"	1236	1-1/8"
1222	11/16"	1240	1-1/4"
1224	3/4"	714-Roll	Denim Tool Roll
1226	13/16"		


**WRIGHTGrip®**
**15 Pieces – Full Polish Combination  
Set No. 915**
**12 Pt. Full Polish Combination Wrenches**

Part No.	Description	Part No.	Description
1210	5/16"	1226	13/16"
1212	3/8"	1228	7/8"
1214	7/16"	1230	15/16"
1216	1/2"	1232	1"
1218	9/16"	1234	1-1/16"
1220	5/8"	1236	1-1/8"
1222	11/16"	1240	1-1/4"
1224	3/4"	715-Roll	Denim Tool Roll


**WRIGHTGrip®**
**11 Pieces – Full Polish Combination  
Set No. 950**
**12 Pt. Metric Full Polish Combination Wrenches**

Part No.	Description	Part No.	Description
12-07mm	7mm	12-13mm	13mm
12-08mm	8mm	12-14mm	14mm
12-09mm	9mm	12-15mm	15mm
12-10mm	10mm	12-17mm	17mm
12-11mm	11mm	12-19mm	19mm
12-12mm	12mm	711-Roll	Denim Tool Roll



**WRIGHTGrip®**

**15 Pieces – Full Polish Combination Set No. 952**

**12 Pt. Metric Full Polish Combination Wrenches**

Part No.	Description	Part No.	Description
12-07mm	7mm	12-15mm	15mm
12-08mm	8mm	12-16mm	16mm
12-09mm	9mm	12-17mm	17mm
12-10mm	10mm	12-18mm	18mm
12-11mm	11mm	12-19mm	19mm
12-12mm	12mm	12-21mm	21mm
12-13mm	13mm	12-22mm	22mm
12-14mm	14mm	752-Roll	Denim Tool Roll



**WRIGHTGrip®**

**18 Pieces – Full Polish Combination Set No. 958**

**12 Pt. Metric Full Polish Combination Wrenches**

Part No.	Description	Part No.	Description
12-07mm	7mm	12-17mm	17mm
12-08mm	8mm	12-18mm	18mm
12-09mm	9mm	12-19mm	19mm
12-10mm	10mm	12-20mm	20mm
12-11mm	11mm	12-21mm	21mm
12-12mm	12mm	12-22mm	22mm
12-13mm	13mm	12-23mm	23mm
12-14mm	14mm	12-24mm	24mm
12-15mm	15mm	758-Roll	Denim Tool Roll
12-16mm	16mm		



**5 Pieces – Full Polish Open-End Set No. 735**

**Open-End Wrenches**

Part No.	Description	Part No.	Description
1314	3/8" x 7/16"	1325	11/16" x 3/4"
1318	1/2" x 9/16"	1329	13/16" x 7/8"
1320	9/16" x 5/8"	735-Roll	Denim Tool Roll



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.





### 6 Pieces – Full Polish Open-End Set No. 736

#### Open-End Wrenches

Part No.	Description	Part No.	Description
1310	1/4" x 5/16"	1326	3/4" x 13/16"
1314	3/8" x 7/16"	1330	7/8" x 15/16"
1318	1/2" x 9/16"	736-Roll	Denim Tool Roll
1322	5/8" x 11/16"	735-Roll	Denim Tool Roll



### 8 Pieces – Full Polish Open-End Set No. 738

#### Open-End Wrenches

Part No.	Description	Part No.	Description
1310	1/4" x 5/16"	1330	7/8" x 15/16"
1314	3/8" x 7/16"	1332	15/16" x 1"
1318	1/2" x 9/16"	1340	1-1/8" x 1-1/4"
1322	5/8" x 11/16"	738-Roll	Denim Tool Roll
1326	3/4" x 13/16"		



### 10 Pieces – Full Polish Open-End Set No. 739

#### Open-End Wrenches

Part No.	Description	Part No.	Description
1310	1/4" x 5/16"	1325	11/16" x 3/4"
1312	5/16" x 3/8"	1329	13/16" x 7/8"
1316	7/16" x 1/2"	1332	15/16" x 1"
1318	1/2" x 9/16"	1336	1-1/16" x 1-1/8"
1320	9/16" x 5/8"	739-Roll	Denim Tool Roll
1324	5/8" x 3/4"		



## 6 Pieces – Full Polish Open-End Set No. 740

### Metric Open-End Wrenches

Part No.	Description	Part No.	Description
13-0809mm	8 x 9mm	13-1617mm	16 x 17mm
13-1011mm	10 x 11mm	13-1819mm	18 x 19mm
13-1213mm	12 x 13mm	740-Roll	Denim Tool Roll
13-1415mm	14 x 15mm		



## 10 Pieces – Full Polish Open-End Set No. 741

### Metric Open-End Wrenches

Part No.	Description	Part No.	Description
13-0607mm	6 x 7mm	13-1819mm	18 x 19mm
13-0809mm	8 x 9mm	13-2022mm	20 x 22mm
13-1011mm	10 x 11mm	13-2123mm	21 x 23mm
13-1213mm	12 x 13mm	13-2426mm	24 x 26mm
13-1415mm	14 x 15mm	741-Roll	Denim Tool Roll
13-1617mm	16 x 17mm		



## 18 Pieces – 15° & 60° Angle Wrench Set No. 732

### 15° & 60° Angle Wrench Set

Part No.	Description	Part No.	Description
1361	11/32" x 11/32"	1380	15/16" x 15/16"
1362	3/8" x 3/8"	1382	1" x 1"
1364	7/16" x 7/16"	1383	1-1/16" x 1-1/16"
1366	1/2" x 1/2"	1384	1-1/8" x 1-1/8"
1368	9/16" x 9/16"	1386	1-1/4" x 1-1/4"
1370	5/8" x 5/8"	1388	1-3/8" x 1-3/8"
1372	11/16" x 11/16"	1389	1-7/16" x 1-7/16"
1374	3/4" x 3/4"	1390	1-1/2" x 1-1/2"
1376	13/16" x 13/16"	A714	Pouch
1378	7/8" x 7/8"		



**WARNING**  
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**WARNING**  
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**WARNING**  
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### 14 Pieces – 15° & 60° Angle Wrench Set No. 733

#### 15° & 60° Angle Wrench Set

Part No.	Description	Part No.	Description
1362	3/8" x 3/8"	1378	7/8" x 7/8"
1364	7/16" x 7/16"	1380	15/16" x 15/16"
1366	1/2" x 1/2"	1382	1" x 1"
1368	9/16" x 9/16"	1383	1-1/16" x 1-1/16"
1370	5/8" x 5/8"	1384	1-1/8" x 1-1/8"
1372	11/16" x 11/16"	1386	1-1/4" x 1-1/4"
1374	3/4" x 3/4"	A714	Denim Tool Roll
1376	13/16" x 13/16"		



### 7 Pieces – 15° & 60° Angle Wrench Set No. 734

#### 15° & 60° Angle Wrench Set

Part No.	Description
1362	3/8" x 3/8"
1364	7/16" x 7/16"
1366	1/2" x 1/2"
1368	9/16" x 9/16"
1370	5/8" x 5/8"
1372	11/16" x 11/16"
1374	3/4" x 3/4"
707-Roll	Denim Tool Roll



### 10 Pieces – Combination Set No. 787

#### Miniature Combination Wrench Set

Part No.	Description
Set No. 787	5/32" 1/4"
	3/16" 9/32"
	13/64" 5/16"
	7/32" 3/8"
	15/64" 7/16"

Supplied in Plastic Pouch  
Sold in sets only. No individual wrenches available.





## 10 Pieces – Metric Miniature Combination Wrench Set No. 788

### Metric Miniature Combination Wrench Set

Part No.	Description
Set No. 788	6 Pt. Midget Combo Wrench 4mm
	6 Pt. Midget Combo Wrench 4.5mm
	12 Pt. Midget Combo Wrench 5mm
	12 Pt. Midget Combo Wrench 5.5mm
	12 Pt. Midget Combo Wrench 6mm
	12 Pt. Midget Combo Wrench 7mm
	12 Pt. Midget Combo Wrench 8mm
	12 Pt. Midget Combo Wrench 9mm
	12 Pt. Midget Combo Wrench 10mm
	12 Pt. Midget Combo Wrench 11mm

Supplied in Plastic Pouch  
Sold in sets only. No individual wrenches available.



## 7 Pieces – Metric Miniature Open-End Wrench Set No. 799

### Metric Miniature Open-End Wrench Set

Part No.	Description
Set No. 799	Midget Open-End Wrench 5.5mm
	Midget Open-End Wrench 6mm
	Midget Open-End Wrench 7mm
	Midget Open-End Wrench 8mm
	Midget Open-End Wrench 9mm
	Midget Open-End Wrench 10mm
	Midget Open-End Wrench 11mm

Supplied in Plastic Pouch  
Sold in sets only. No individual wrenches available.  
Ignition Wrenches



## 8 Pieces – Miniature Open-End Set No. 798

### Miniature Open-End Wrench Set

Part No.	Description
Set No. 798	Miniature Open-End Wrench Set
	7/32" x 7/32"      5/16" x 5/16"
	15/64" x 15/64"      11/32" x 11/32"
	1/4" x 1/4"      3/8" x 3/8"
	9/32" x 9/32"      7/16" x 7/16"

Supplied in Plastic Pouch  
Sold in sets only. No individual wrenches available.  
Ignition Wrenches





### 3 Pieces – ⑥ Pt. Flare Nut Set No. 743

#### Flare Nut Wrenches

Part No.	Description	Part No.	Description
1614	3/8" x 7/16"	1622	5/8" x 11/16"
1618	1/2" x 9/16"	A707-Pouch	Denim Tool Roll



### 5 Pieces – ⑥ Pt. Flare Nut Set No. 744

#### Metric Flare Nut Wrenches

Part No.	Description	Part No.	Description
16-11mm	9mm x 11mm	16-17mm	15mm x 17mm
16-12mm	10mm x 12mm	16-21mm	19mm x 21mm
16-14mm	13mm x 14mm	A707-Pouch	Denim Tool Roll



### 7 Pieces – Combination Open-End & ⑥ Pt. Flare Nut Wrenches Set No. 742

#### Open-End Flare Nut Wrenches

Part No.	Description	Part No.	Description
1040	3/8"	1048	5/8"
1042	7/16"	1050	11/16"
1044	1/2"	1052	3/4"
1046	9/16"	742-Roll	Denim Tool Roll



**9 Pieces – Service Wrench  
Set No. 745**

Service Wrenches – 30° Angle, Satin Finish

Part No.	Description	Part No.	Description
1424	3/4"	1434	1-1/16"
1426	13/16"	1436	1-1/8"
1428	7/8"	1438	1-3/16"
1430	15/16"	1440	1-1/4"
1432	1"	745-Roll	Denim Tool Roll



**5 Pieces – Satin Finish Box Wrench  
Set No. 747**

12 Pt. Box Wrenches – Modified Offset

Part No.	Description	Part No.	Description
51012	5/16" x 3/8"	52224	11/16" x 3/4"
51416	7/16" x 1/2"	52628	13/16" x 7/8"
51820	9/16" x 5/8"	A714-Pouch	Denim Tool Roll



**7 Pieces – Satin Finish Box Wrench  
Set No. 749**

12 Pt. Box Wrenches – Modified Offset

Part No.	Description	Part No.	Description
51012	5/16" x 3/8"	52628	13/16" x 7/8"
51416	7/16" x 1/2"	53032	15/16" x 1"
51820	9/16" x 5/8"	53436	1-1/16" x 1-1/8"
52224	11/16" x 3/4"	A714-Pouch	Denim Tool Roll



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**WARNING**  
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**WARNING**  
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**5 Pieces – 12 Pt. Reversible Ratcheting Box Wrench - Offset Pattern Set No. 9429**

**Reversible Ratcheting Box Wrenches**

Part No.	Description	Part No.	Description
9424	1/4" x 5/16"	9427	5/8" x 11/16"
9425	3/8" x 7/16"	9428	3/4" x 7/8"
9426	1/2" x 9/16"	735-Roll	Denim Tool Roll



**5 Pieces – 12 Pt. Ratcheting Box Wrench - Straight Pattern Set No. 9430**

**Metric Ratcheting Box Wrenches**

Part No.	Description	Part No.	Description
9416	7 x 8 mm	9419	13 x 14 mm
9417	9 x 10 mm	9421	15 x 17 mm
9418	11 x 12 mm	735-Roll	Denim Tool Roll



**5 Pieces – 12 Pt. Ratcheting Box Wrench - Straight Pattern Set No. 9439**

**Ratcheting Box Wrenches**

Part No.	Description	Part No.	Description
9381	1/4" x 5/16"	9384	5/8" x 11/16"
9382	3/8" x 7/16"	386	3/4" x 7/8"
9383	1/2" x 9/16"	735-Roll	Denim Tool Roll



## 7 Pieces – 12 Pt. Reversible Ratcheting Box Wrench - Offset Pattern Set No. 9446

### Metric Reversible Ratcheting Box Wrenches

Part No.	Description	Part No.	Description
9431	7mm x 8mm	9436	15mm x 17mm
9432	9mm x 10mm	9437	16mm x 18mm
9434	11mm x 12mm	9438	19mm x 21mm
9435	13mm x 14mm	707-Roll	Denim Tool Roll



## 7 Pieces – Ratcheting Flare Nut Wrench Set No. 1640

Part No.	Description	Part No.	Description
1642	3/8"	1650	5/8"
1644	7/16"	1652	11/16"
1646	1/2"	1654	3/4"
1648	9/16"	Vinyl Tool Roll	



## 4 Pieces – Spanner Wrench Set No. 9629

### Spanner Wrenches - Black

Part No.	Description
9630	3/4 to 2", 1/8" Hook
9631	1-1/4 to 3", 5/32" Hook
9632	2 to 4-3/4", 3/16" Hook
9633	4-1/2 to 6-1/4", 5/16" Hook

Cardboard Box



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
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**WARNING**  
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## Wrench Sets

Most wrench sets are available in a pouch. Call your Wright Tool representative for further information.



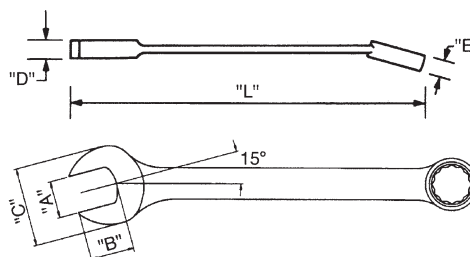
**WRIGHTGrip®**

## Combination Wrenches – Satin Finish

### 12 Pt. Flat Stem

Part No.	A Nom. Size	L	C	B	D	E
1108	1/4"	4-59/64"	35/64"	5/16"	11/64"	13/64"
1110	5/16"	5-1/2"	43/64"	3/8"	3/16"	15/64"
1112	3/8"	6"	51/64"	29/64"	7/32"	17/64"
1114	7/16"	6-1/2"	15/16"	17/32"	1/4"	19/64"
1116	1/2"	7-5/32"	1-1/16"	19/32"	17/64"	11/32"
1118	9/16"	7-15/16"	1-11/64"	11/16"	19/64"	23/64"
1120	5/8"	8-35/64"	1-19/64"	3/4"	5/16"	13/32"
1122	11/16"	9-1/8"	1-27/64"	53/64"	11/32"	7/16"
1124	3/4"	10-3/64"	1-35/64"	29/32"	23/64"	15/32"
1126	13/16"	10-53/64"	1-43/64"	63/64"	27/64"	1/2"
1128	7/8"	11-3/4"	1-51/64"	61/64"	7/16"	33/64"
1130	15/16"	12-9/16"	1-29/32"	31/32"	15/32"	17/32"
1132	1"	13-5/16"	2-1/32"	1-13/64"	15/32"	5/8"
1134	1-1/16"	14-1/4"	2-5/32"	1-19/64"	31/64"	21/32"
1136	1-1/8"	15-1/8"	2-17/64"	1-23/64"	35/64"	11/16"
1138	1-3/16"	15-15/16"	2-25/64"	1-7/16"	9/16"	23/32"
1140	1-1/4"	16-13/16"	2-1/2"	1-33/64"	19/32"	3/4"

Meets or exceeds ASME B107.100



Flat Stem

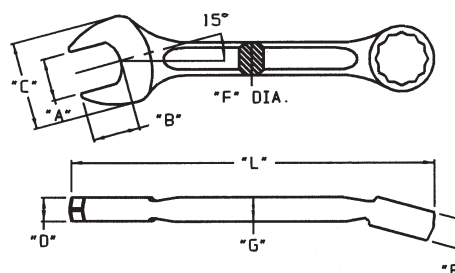
**WRIGHTGrip®**

## Combination Wrenches – Satin Finish

### 12 Pt. Heavy-Duty Flat Stem

Part No.	A Nom. Size	L	C	B	D	E	F	G
1142	1-5/16"	19"	2-11/16"	1-15/32"	23/32"	7/8"	1"	3/4"
1144	1-3/8"	20"	2-11/16"	1-17/32"	23/32"	7/8"	1"	3/4"
1146	1-7/16"	21"	3"	1-19/32"	3/4"	15/16"	1-1/16"	7/8"
1148	1-1/2"	22"	3"	1-21/32"	3/4"	15/16"	1-1/16"	7/8"
1150	1-9/16"	23"	3-1/2"	1-15/16"	3/4"	15/16"	1-1/8"	7/8"
1152	1-5/8"	23"	3-1/2"	1-15/16"	3/4"	15/16"	1-1/8"	7/8"
1154	1-11/16"	23"	3-1/2"	1-15/16"	3/4"	15/16"	1-1/8"	7/8"
1156	1-3/4"	25-1/2"	3-3/4"	2-1/16"	13/16"	1"	1-1/4"	1"
1158	1-13/16"	25-1/2"	3-3/4"	2-3/32"	13/16"	1"	1-1/4"	1"
1160	1-7/8"	28"	4-1/16"	2-3/16"	7/8"	1-1/16"	1-1/4"	1"
1164	2"	28"	4-1/16"	2-5/16"	7/8"	1-1/16"	1-1/4"	1"
1166	2-1/16"	28-1/4"	4-1/4"	2-11/16"	59/64"	1-7/32"	1-1/4"	1"
1168	2-1/8"	28-1/2"	4-1/4"	2-25/64"	59/64"	1-7/32"	1-1/4"	1"
1170	2-3/16"	28-3/4"	4-1/4"	2-27/64"	59/64"	1-7/32"	1-1/4"	1"
1172	2-1/4"	29"	4-1/4"	2-29/64"	59/64"	1-7/32"	1-1/4"	1"
1176	2-3/8"	29-1/4"	4-1/2"	2-15/32"	1"	1-9/16"	1-3/8"	1-1/8"
1180	2-1/2"	29-1/2"	4-1/2"	2-1/2"	1"	1-9/16"	1-3/8"	1-1/8"
1182	2-9/16"	29-3/4"	4-1/2"	2-1/2"	1"	1-9/16"	1-3/8"	1-1/8"
1184	2-5/8"	29-3/4"	4-3/4"	2-5/8"	1-1/32"	1-5/8"	1-3/8"	1-1/8"
1188	2-3/4"	29-3/4"	4-3/4"	2-3/4"	1-1/32"	1-5/8"	1-3/8"	1-1/8"

Meets or exceeds ASME B107.100



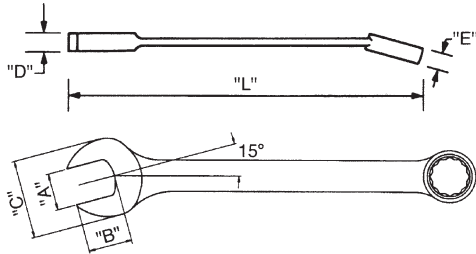
**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
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**WARNING**  
Comfort or plastic grips do not protect against electric shock.


**WRIGHTGrip®**
**Metric Combination Wrenches**
**12 Pt. Flat Stem**

Part No.	A Nom. Size	L	C	B	D	E
11-06mm	6mm	124.66	14.22	7.65	4.32	4.80
11-07mm	7mm	132.26	15.39	8.51	4.67	5.31
11-08mm	8mm	139.37	17.32	9.65	4.90	5.79
11-09mm	9mm	147.40	19.38	9.88	5.33	6.43
11-10mm	10mm	155.85	21.46	11.13	5.77	7.06
11-11mm	11mm	165.13	23.47	13.46	6.20	7.70
11-12mm	12mm	173.86	25.20	12.98	6.48	7.87
11-13mm	13mm	181.76	26.92	15.75	6.73	8.51
11-14mm	14mm	201.80	29.82	17.02	7.26	8.99
11-15mm	15mm	209.25	31.42	17.02	7.82	9.63
11-16mm	16mm	216.92	33.02	19.05	8.13	10.26
11-17mm	17mm	231.78	36.07	20.57	8.59	11.18
11-18mm	18mm	242.57	37.52	21.84	8.89	11.43
11-19mm	19mm	255.24	39.12	22.86	9.17	11.68
11-20mm	20mm	275.13	42.29	24.13	10.59	12.57
11-21mm	21mm	286.97	43.92	23.42	10.92	12.93
11-22mm	22mm	298.09	45.52	24.08	11.23	13.26
11-23mm	23mm	308.81	46.94	24.38	11.58	13.39
11-24mm	24mm	319.13	48.34	24.64	11.94	13.49
11-25mm	25mm	338.12	51.41	30.23	11.99	15.85
11-26mm	26mm	350.52	52.86	31.50	13.11	16.00
11-27mm	27mm	363.58	54.36	32.77	12.07	16.51
11-28mm	28mm	384.18	57.40	33.78	13.72	17.40
11-29mm	29mm	384.18	57.40	35.05	13.72	17.40
11-30mm	30mm	404.83	60.58	36.32	14.35	18.03
11-32mm	32mm	423.88	63.63	38.61	14.99	18.80

Meets or exceeds ASME B107.100



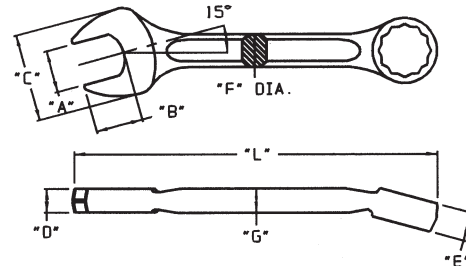
**WRIGHTGrip®**

## Metric Combination Wrenches

12 Pt. Heavy-Duty Flat Stem

Part No.	A Nom. Size	L	C	B	D	E	F	G
11-36mm	36mm	533.40	76.20	31.75	18.92	23.61	27.00	20.64
11-41mm	41mm	584.20	88.90	48.42	19.05	23.61	28.58	20.64
11-46mm	46mm	647.70	95.25	53.58	20.64	25.40	31.75	25.40
11-50mm	50mm	723.90	103.19	58.74	22.23	26.99	31.75	25.40
11-55mm	55mm	730.25	114	59	25	40	32	25
11-60mm	60mm	730.25	114	62	25	40	35	29
11-65mm	65mm	755.65	140	60	29	43	35	29
11-70mm	70mm	755.65	140	65	29	43	35	29
11-75mm*	75mm	964	140	76	29	43	33	29
11-80mm*	80mm	902	140	76	29	43	38	29

\*Black Industrial Finish  
Meets or exceeds ASME B107.100

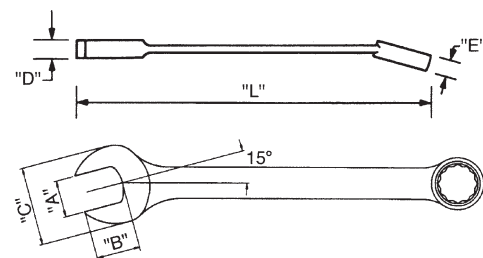


**WRIGHTGrip®**

## Full Polish Combination Wrenches – 12 Pt.

Part No.	A Nom. Size	L	C	B	D	E
1208	1/4"	4-59/64"	35/64"	5/16"	11/64"	13/64"
1210	5/16"	5-1/2"	43/64"	3/8"	3/16"	15/64"
1212	3/8"	6"	51/64"	29/64"	7/32"	17/64"
1214	7/16"	6-1/2"	15/16"	17/32"	1/4"	19/64"
1216	1/2"	7-5/32"	1-1/16"	19/32"	17/64"	11/32"
1218	9/16"	7-15/16"	1-11/64"	11/16"	19/64"	23/64"
1220	5/8"	8-35/64"	1-19/64"	3/4"	5/16"	13/32"
1222	11/16"	9-1/8"	1-27/64"	53/64"	11/32"	7/16"
1224	3/4"	10-3/64"	1-35/64"	29/32"	23/64"	15/32"
1226	13/16"	10-53/64"	1-43/64"	63/64"	27/64"	1/2"
1228	7/8"	11-3/4"	1-51/64"	61/64"	7/16"	33/64"
1230	15/16"	12-9/16"	1-29/32"	31/32"	15/32"	17/32"
1232	1"	13-5/16"	2-1/32"	1-13/64"	15/32"	5/8"
1234	1-1/16"	14-1/4"	2-5/32"	1-19/64"	31/64"	21/32"
1236	1-1/8"	15-1/8"	2-17/64"	1-23/64"	35/64"	11/16"
1238	1-3/16"	15-15/16"	2-25/64"	1-7/16"	17/32"	23/32"
1240	1-1/4"	16-13/16"	2-1/2"	1-33/64"	19/32"	3/4"

Meets or exceeds ASME B107.100



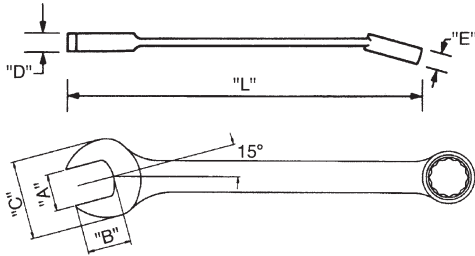
**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.

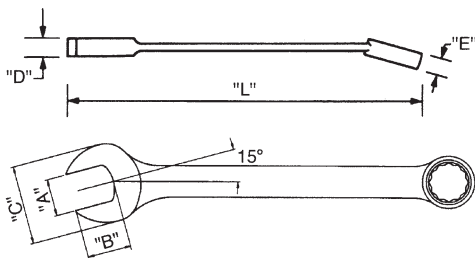


**WRIGHTGrip®**

**Metric Full Polish Combination Wrenches – 12 Pt.**

Part No.	A Nom. Size	L	C	B	D	E
12-06mm	6mm	124.66	14.22	7.65	4.32	4.80
12-07mm	7mm	132.26	15.39	8.51	4.67	5.31
12-08mm	8mm	139.37	17.32	9.65	4.90	5.79
12-09mm	9mm	147.40	19.38	9.88	5.33	6.43
12-10mm	10mm	155.85	21.46	11.13	5.77	7.06
12-11mm	11mm	165.13	23.47	13.42	6.20	7.70
12-12mm	12mm	173.86	25.20	12.98	6.48	7.87
12-13mm	13mm	181.76	26.92	15.75	6.73	8.51
12-14mm	14mm	201.80	29.82	17.02	7.26	8.99
12-15mm	15mm	209.25	31.42	17.02	7.82	9.63
12-16mm	16mm	216.92	33.02	19.05	8.13	10.26
12-17mm	17mm	231.78	36.07	20.57	8.59	11.18
12-18mm	18mm	242.57	37.52	21.84	8.89	11.43
12-19mm	19mm	255.24	39.12	21.86	9.17	11.68
12-20mm	20mm	275.13	42.29	24.13	10.59	12.57
12-21mm	21mm	286.97	43.92	23.42	10.92	12.93
12-22mm	22mm	298.09	45.52	24.08	11.23	13.26
12-23mm	23mm	308.81	46.94	24.38	11.58	13.39
12-24mm	24mm	319.13	48.34	24.64	11.94	13.49

Meets or exceeds ASME B107.100



**WRIGHTGrip®**

**Combination Wrenches – 12 Pt.**

**Black Industrial Finish**

Part No.	A Nom. Size	L	C	B	D	E
31108	1/4"	4-59/64"	35/64"	5/16"	11/64"	13/64"
31110	5/16"	5-1/2"	43/64"	3/8"	3/16"	15/64"
31112	3/8"	6"	51/64"	29/64"	7/32"	17/64"
31114	7/16"	6-1/2"	15/16"	17/32"	1/4"	19/64"
31116	1/2"	7-5/32"	1-1/16"	19/32"	17/64"	11/32"
31118	9/16"	7-15/16"	1-11/64"	11/16"	19/64"	23/64"
31120	5/8"	8-35/64"	1-19/64"	3/4"	5/16"	13/32"
31122	11/16"	9-1/8"	1-27/64"	53/64"	11/32"	7/16"
31124	3/4"	10-3/64"	1-35/64"	29/32"	23/64"	15/32"
31126	13/16"	10-53/64"	1-43/64"	63/64"	27/64"	1/2"
31128	7/8"	11-3/4"	1-51/64"	61/64"	7/16"	33/64"
31130	15/16"	12-9/16"	1-29/32"	31/32"	15/32"	17/32"
31132	1"	13-5/16"	2-1/32"	1-13/64"	15/32"	5/8"
31134	1-1/16"	14-1/4"	2-5/32"	1-19/64"	31/64"	21/32"
31136	1-1/8"	15-1/8"	2-17/64"	1-23/64"	35/64"	11/16"
31138	1-3/16"	15-15/16"	2-25/64"	1-7/16"	17/32"	23/32"
31140	1-1/4"	16-13/16"	2-1/2"	1-33/64"	19/32"	3/4"

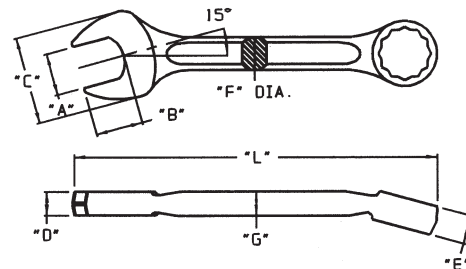
Meets or exceeds ASME B107.100



**WRIGHTGrip®**

**Combination Wrenches – 12 Pt.  
Heavy-Duty Flat Stem**

**Black Industrial Finish**



Part No.	A Nom. Size	L	C	B	D	E	F	G
31142	1-5/16"	19"	2-11/16"	1-15/32"	23/32"	7/8"	1"	
31144	1-3/8"	20"	2-11/16"	1-17/32"	23/32"	7/8"	1"	
31146	1-7/16"	21"	3"	1-19/32"	3/4"	15/16"	1-1/16"	
31148	1-1/2"	22"	3"	1-21/32"	3/4"	15/16"	1-1/16"	
31152	1-5/8"	23"	3-1/2"	1-15/16"	3/4"	15/16"	1-1/8"	
31154	1-11/16"	23"	3-1/2"	1-15/16"	3/4"	15/16"	1-1/8"	
31156	1-3/4"	25-1/2"	3-3/4"	2-1/16"	13/16"	1"	1-1/4"	
31158	1-13/16"	25-1/2"	3-3/4"	2-3/32"	13/16"	1"	1-1/4"	
31160	1-7/8"	28"	4-1/16"	2-3/16"	7/8"	1-1/16"	1-1/4"	
31164	2"	28"	4-1/16"	2-5/16"	7/8"	1-1/16"	1-1/4"	
31166	2-1/16"	28-1/4"	4-1/4"	2-11/16"	59/64"	1-7/32"	1-1/4"	
31168	2-1/8"	28-1/2"	4-1/4"	2-25/64"	59/64"	1-7/32"	1-1/4"	
31170	2-3/16"	28-3/4"	4-1/4"	2-27/64"	59/64"	1-7/32"	1-1/4"	
31172	2-1/4"	29"	4-1/4"	2-29/64"	59/64"	1-7/32"	1-1/4"	
31176	2-3/8"	29-1/4"	4-1/2"	2-15/32"	1"	1-9/16"	1-3/8"	
31180	2-1/2"	29-1/2"	4-1/2"	2-1/2"	1"	1-9/16"	1-3/8"	
1190	2-13/16"	33"	5-1/2"	3"	1-1/8"	1-11/16"	1-5/16"	1"
1192	2-7/8"	33-1/2"	5-1/2"	3"	1-3/16"	1-11/16"	1-5/16"	1"
1194	2-15/16"	34"	5-1/2"	3"	1-3/16"	1-11/16"	1-5/16"	1"
1196	3"	34-1/2"	5-1/2"	3"	1-3/16"	1-11/16"	1-5/16"	1"
1198	3-1/16"	35"	5-1/2"	3"	1-3/16"	1-11/16"	1-5/16"	1"
11X00	3-1/8"	35-1/2"	5-1/2"	3"	1-3/16"	1-11/16"	1-5/16"	1"
11X04	3-1/4"	36"	7"	4"	1-1/2"	2-1/4"	1-1/2"	1-1/8"
11X08	3-3/8"	36-1/2"	7"	4"	1-1/2"	2-1/4"	1-1/2"	1-1/8"
11X12	3-1/2"	37"	7"	3-7/8"	1-1/2"	2-1/4"	1-1/2"	1-1/8"
11X16	3-5/8"	37-1/2"	7"	3-7/8"	1-1/2"	2-1/4"	1-1/2"	1-1/8"
11X20	3-3/4"	38"	7"	3-13/16"	1-1/2"	2-1/4"	1-1/2"	1-1/8"
11X24	3-7/8"	38-1/2"	7"	3-13/16"	1-1/2"	2-1/4"	1-1/2"	1-1/8"
11X28	4"	39"	7"	3-13/16"	1-1/2"	2-1/4"	1-1/2"	1-1/8"

Meets or exceeds ASME B107.100



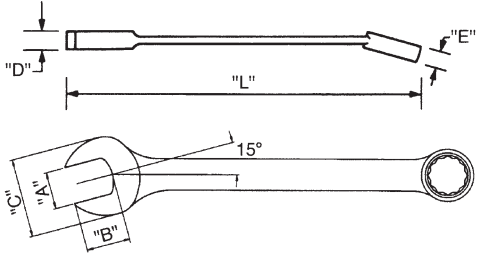
**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.


**WRIGHTGrip®**
**Metric Combination Wrenches – 12 Pt.  
Black Industrial Finish**

Part No.	A Nom. Size	L	C	B	D	E
41106	6mm	124.66	14.22	7.65	4.32	4.80
41107	7mm	132.26	15.39	8.51	4.67	5.31
41108	8mm	139.37	17.32	9.65	4.90	5.79
41109	9mm	147.40	19.38	9.88	5.33	6.43
41110	10mm	155.85	21.46	11.13	5.77	7.06
41111	11mm	165.13	23.47	13.42	6.20	7.70
41112	12mm	173.86	25.20	12.98	6.48	7.87
41113	13mm	181.76	26.92	15.75	6.73	8.51
41114	14mm	201.80	29.82	17.02	7.26	8.99
41115	15mm	209.25	31.42	17.02	7.82	9.63
41116	16mm	216.92	33.02	19.05	8.13	10.26
41117	17mm	231.78	36.07	20.57	8.59	11.18
41118	18mm	242.57	37.52	21.84	8.89	11.43
41119	19mm	255.24	39.12	21.86	9.17	11.68
41120	20mm	275.13	42.29	24.13	10.59	12.57
41121	21mm	286.97	43.92	23.42	10.92	12.93
41122	22mm	298.09	45.52	24.08	11.23	13.26
41123	23mm	308.81	46.94	24.38	11.58	13.39
41124	24mm	319.13	48.34	24.64	11.94	13.49

Meets or exceeds ASME B107.100



## Open End Wrenches – Full Polish

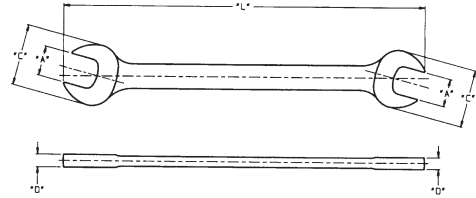
### Small Open End

### Large Open End

Part No.	A Nom. Size	C Width	Large Open End		L Overall Length	
			D Head Thick-ness	C Width		
1308	3/16 x 1/4"	13/32"	1/8"	9/16"	11/64"	3-7/8"
1310	1/4 x 5/16"	9/16"	11/64"	11/16"	11/64"	4-1/2"
1312	5/16 x 3/8"	11/16"	3/16"	13/16"	13/64"	5-1/8"
1314	3/8 x 7/16"	13/16"	13/64"	15/16"	7/32"	5-3/4"
1316	7/16 x 1/2"	15/16"	7/32"	1-1/16"	15/64"	6-3/8"
1318	1/2 x 9/16"	1-1/16"	17/64"	1-11/64"	9/32"	7"
1320	9/16 x 5/8"	1-3/16"	9/32"	1-19/64"	19/64"	7-5/8"
1322	5/8 x 11/16"	1-19/64"	5/16"	1-13/32"	11/32"	8-1/4"
1324	5/8 x 3/4"	1-19/64"	5/16"	1-17/32"	11/32"	8-5/8"
1325	11/16 x 3/4"	1-13/32"	11/32"	1-17/32"	11/32"	9-1/8"
1326	3/4 x 13/16"	1-17/32"	11/32"	1-21/32"	11/32"	9-3/4"
1328	3/4 x 7/8"	1-17/32"	11/32"	1-51/64"	23/64"	10-1/4"
1329	13/16 x 7/8"	1-21/32"	3/8"	1-25/32"	3/8"	10-3/4"
1330	7/8 x 15/16"	1-51/64"	3/8"	1-29/32"	25/64"	11-1/4"
1331	7/8 x 1-1/16"	1-51/64"	25/64"	2-9/64"	15/32"	11-13/16"
1332	15/16 x 1"	1-29/32"	13/32"	2-1/32"	7/16"	12-5/16"
1336	1-1/16 x 1-1/18"	2-9/64"	31/64"	2-1/4"	31/64"	13-15/16"
1340	1-1/8 x 1-1/4"	2-1/4"	31/64"	2-1/2"	1/2"	15-1/2"
1341	1-1/16 x 1-1/4"	2-9/64"	31/64"	2-1/2"	1/2"	16-1/8"
1342*	1-1/4 x 1-5/16"	2-1/2"	9/16"	2-21/32"	9/16"	16-37/64"
1346*	1-3/8 x 1-7/16"	2-27/32"	9/16"	3"	37/64"	17-1/8"
1352*	1-1/2 x 1-5/8"	3-3/32"	41/64"	3-13/32"	21/32"	18"

\*Satin Finish

Meets or exceeds ASME B107.100



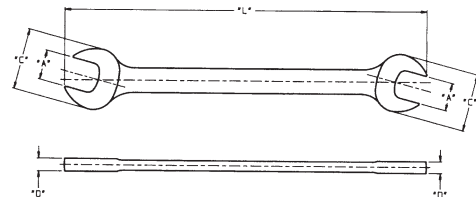
## Metric Open-End Wrenches

### Small Open End

### Large Open End

Part No.	A Nom. Size	C Width	Large Open End		L Overall Length	
			D Head Thick-ness	C Width		
13-0607mm	6mm x 7mm	14.29	4.36	17.46	4.36	114.30
13-0708mm	7mm x 8mm	14.29	4.36	17.46	4.36	114.30
13-0809mm	8mm x 9mm	17.46	4.76	20.64	5.16	130.18
13-1011mm	10mm x 11mm	20.64	5.16	23.81	5.55	146.05
13-1213mm	12mm x 13mm	23.81	5.55	26.99	5.95	161.93
13-1415mm	14mm x 15mm	29.76	7.11	31.42	7.54	186.53
13-1617mm	16mm x 17mm	33.32	7.92	35.72	8.73	209.55
13-1819mm	18mm x 19mm	35.72	8.73	39.12	8.73	231.78
13-2022mm	20mm x 22mm	42.07	9.53	45.24	9.53	273.05
13-2123mm	21mm x 23mm	42.86	9.53	46.83	10.32	293.69
13-2426mm	24mm x 26mm	48.42	10.32	51.59	11.11	312.74

Meets or exceeds ASME B107.100



**WARNING**  
Wear safety goggles user and bystander.

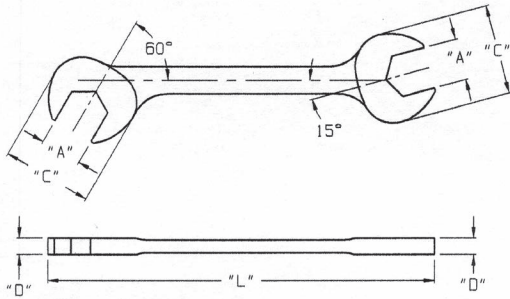


**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.





## Double Angle Open-End Wrenches – 15° & 60° Angle

### 15° & 60° Angle Open-End Wrenches

Part No.	A Nom. Size	C Width	D Head Thickness	L Overall Length
1361	11/32" x 11/32"	3/4"	3/16"	4-3/4"
1362	3/8" x 3/8"	3/4"	3/16"	4-3/4"
1364	7/16" x 7/16"	7/8"	15/64"	5"
1366	1/2" x 1/2"	31/32"	15/64"	5-1/4"
1368	9/16" x 9/16"	1-1/16"	1/4"	5-3/4"
1370	5/8" x 5/8"	1-1/8"	17/64"	6-1/4"
1372	11/16" x 11/16"	1-3/16"	9/32"	6-3/4"
1374	3/4" x 3/4"	1-7/16"	9/32"	7-1/4"
1376	13/16" x 13/16"	1-1/2"	9/32"	7-5/8"
1378	7/8" x 7/8"	1-5/8"	9/32"	8"
1380	15/16" x 15/16"	1-3/4"	9/32"	8-3/4"
1382	1" x 1"	1-7/8"	19/64"	9-1/2"
1383	1-1/16" x 1-1/16"	2"	19/64"	10"
1384	1-1/8" x 1-1/8"	2-1/8"	5/16"	11"
1385	1 3/16" x 1 3/16"	2-1/8"	5/16"	11"
1386	1-1/4" x 1 1/4"	2-3/8"	21/64"	11-3/4"
1388	1-3/8" x 1-3/8"	2-5/8"	13/32"	12-1/2"
1389	1-7/16" x 1-7/16"	2-5/8"	13/32"	12-1/2"
1390	1-1/2" x 1-1/2"	2-5/8"	13/32"	12-1/2"
1392	1-5/8" x 1-5/8"	3-3/16"	19/64"	15-7/8"
1393	1-11/16" x 1-11/16"	3-5/16"	31/64"	16-9/16"
1394	1-3/4" x 1-3/4"	3-7/16"	1/2"	17-1/4"
1395	1-13/16" x 1-13/16"	3-9/16"	33/64"	18"
1396	1-7/8" x 1-7/8"	3-11/16"	35/64"	18-5/8"
1398	2" x 2"	3-15/16"	9/16"	19-1/4"

Meets or exceeds ASME B107.100



## Box End Wrenches – 12 Pt. Standard Double Offset

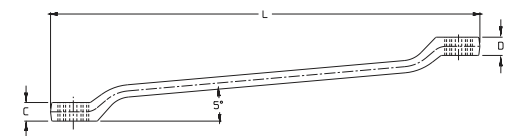
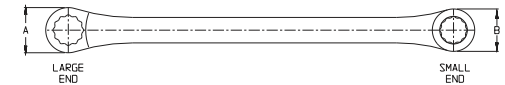
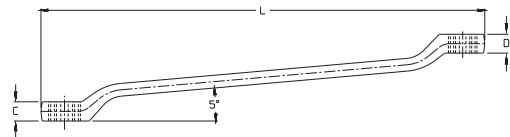
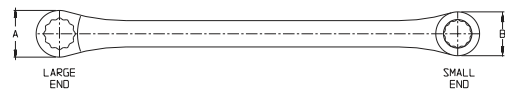
Part No.	Nom. Size	A	C	B	D
51012	5/16 x 3/8"	41/64"	15/64"	9/16"	7/32"
51214	3/8 x 7/16"	23/32"	21/64"	41/64"	5/16"
51416	7/16 x 1/2"	13/16"	11/32"	23/32"	21/64"
51618	1/2 x 9/16"	57/64"	23/64"	13/16"	11/32"
51820	9/16 x 5/8"	63/64"	7/16"	57/64"	23/64"
52022	5/8 x 11/16"	1-3/32"	15/32"	63/64"	27/64"
52024	5/8 x 3/4"	1-5/32"	31/64"	63/64"	27/64"
52224	11/16 x 3/4"	1-5/32"	31/64"	1-3/32"	15/32"
52426	3/4 x 13/16"	1-21/64"	33/64"	1-5/32"	31/64"
52428	3/4 x 7/8"	1-23/64"	17/32"	1-5/32"	31/64"
52628	13/16 x 7/8"	1-23/64"	17/32"	1-21/64"	33/64"
52830	7/8 x 15/16"	1-29/64"	9/16"	1-23/64"	17/32"
52834	7/8 x 1-1/16"	1-43/64"	41/64"	1-23/64"	17/32"
53032	15/16 x 1"	1-33/64"	39/64"	1-29/64"	9/16"
53034	15/16 x 1-1/16"	1-43/64"	41/64"	1-29/64"	9/16"
53436	1-1/16 x 1-1/8"	1-45/64"	43/64"	1-43/64"	41/64"
53440	1-1/16 x 1-1/4"	1-57/64"	23/32"	1-43/64"	41/64"
54042	1-1/4 x 1-5/16"	2-3/64"	53/64"	1-57/64"	23/32"
54044	1-1/4 x 1-3/8"	2-3/32"	57/64"	1-57/64"	23/32"
54046	1-1/4 x 1-7/16"	2-13/64"	59/64"	1-57/64"	23/32"
54648	1-7/16 x 1-1/2"	2-3/8 "	61/64"	2-13/64"	59/64"
54652	1-7/16 x 1-5/8"	2-5/8"	63/64"	2-13/64"	59/64"

Meets or exceeds ASME B107.100

## Metric Box End Wrenches – 12 Pt. Standard Double Offset

Part No.	Nom. Size	A	C	B	D
50810mm	8mm x 10mm	16.38	6.10	14.10	5.59
51011mm	10mm x 11mm	18.03	8.51	16.51	7.87
51113mm	11mm x 13mm	20.57	8.89	18.03	8.51
51213mm	12mm x 13mm	22.61	9.14	20.45	8.89
51214mm	12mm x 14mm	23.88	9.14	20.83	8.89
51315mm	13mm x 15mm	25.40	9.65	22.48	9.14
51415mm	14mm x 15mm	25.40	9.65	23.88	9.14
51618mm	16mm x 18mm	28.70	11.94	26.42	10.92
51719mm	17mm x 19mm	30.73	12.45	28.70	12.19
51922mm	19mm x 22mm	34.42	13.72	29.34	12.45
52224mm	22mm x 24mm	36.83	14.22	34.42	13.72

Meets or exceeds ASME B107.100



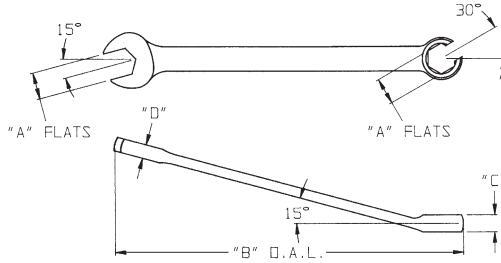
**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



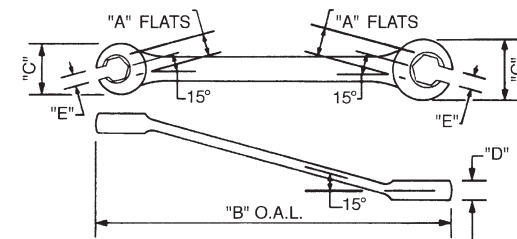
**WARNING**  
Comfort or plastic grips do not protect against electric shock.



## Combination Open-End Flare Nut Wrenches – 6 Pt.

Part No.	A Nom. Size	B	C & D
1040	3/8"	5-7/32"	13/32"
1042	7/16"	5-19/32"	7/16"
1044	1/2"	5-29/32"	15/32"
1046	9/16"	6-9/32"	15/32"
1048	5/8"	6-21/32"	1/2"
1050	11/16"	7-13/32"	35/64"
1052	3/4"	7-13/32"	35/64"

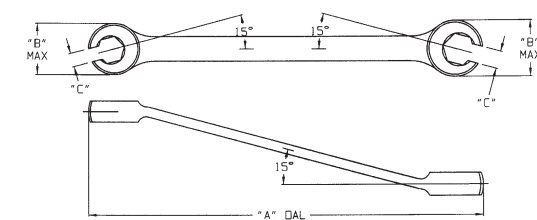
Meets or exceeds ASME B107.100



## Flare Nut Wrenches – 6 Pt.

Part No.	A Nom. Size	B	C	D	E
1614	3/8"	6-1/4"	51/64"	5/16"	7/32"
	7/16"		7/8"	11/32"	9/32"
1618	1/2"	7-1/2"	31/32"	3/8"	11/32"
	9/16"		1-1/16"	7/16"	13/32"
1622	5/8"	8-1/2"	1-7/64"	7/16"	15/32"
	11/16"		1-15/64"	1/2"	17/32"
1628	3/4"	9"	1-5/16"	17/32"	9/16"
	7/8"		1-7/16"	9/16"	5/8"

Meets or exceeds ASME B107.100



## Metric Flare Nut Wrenches – 6 Pt.

Part No.	Nom. Size	A	B	C	Head Thickness
16-11mm	9mm	150.81	18.67	7.44	6.31
	11mm		21.44	8.10	7.47
16-12mm	10mm	163.51	20.14	7.70	7.57
	12mm		22.23	8.33	8.36
16-14mm	13mm	168.26	23.62	9.02	10.13
	14mm		25.40	9.70	10.87
16-17mm	15mm	187.33	28.65	10.62	13.28
	17mm		29.92	11.43	14.86
16-21mm	19mm	200.03	31.75	12.17	14.81
	21mm		35.36	12.65	18.11

Meets or exceeds ASME B107.100

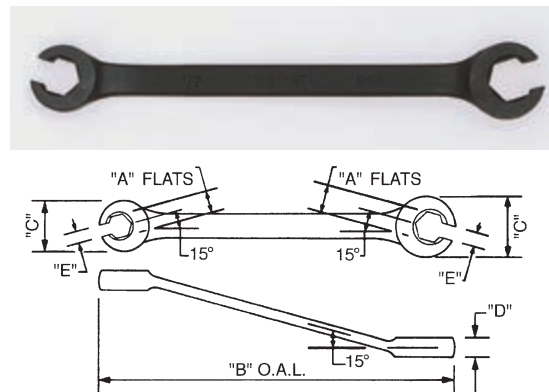


**Flare Nut Wrenches – ⑥ Pt.**

**Black Industrial Finish**

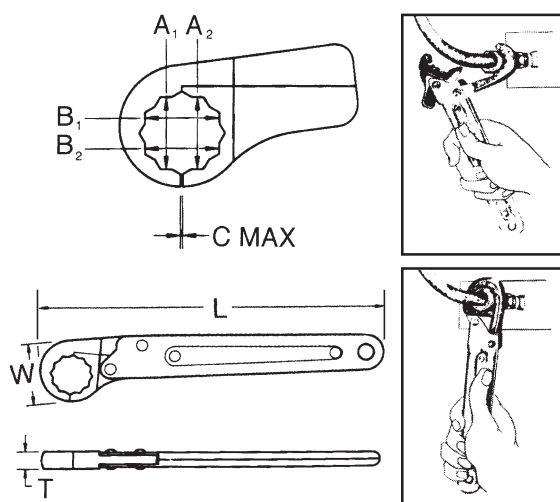
Part No.	Nom. Size	B	C	D	E
31614	3/8" 7/16"	6-1/4"	51/64" 7/8"	5/16" 11/32"	7/32" 9/32"
31618	1/2" 9/16"	7-1/2"	31/32" 1-1/16"	3/8" 7/16"	11/32" 13/32"
31622	5/8" 11/16"	8-1/2"	1-7/64" 1-15/64"	7/16" 1/2"	15/32" 17/32"

Meets or exceeds ASME B107.100



**Ratcheting Flare Nut Wrenches – ⑫ Pt.**

Part No.	Nom. Size	L	W	T	A	B	C
1642	3/8"	5.41"	1"	0.28"	.377-.392"	SAME	0.025"
1644	7/16"	5.41"	1"	0.28"	.443-.454"	.439-.454"	0.025"
1646	1/2"	5.41"	1"	0.28"	.506-.517"	.502-.517"	0.025"
1648	9/16"	7.25"	1.32"	0.38"	.570-.579"	.564-.579"	0.035"
1650	5/8"	7.25"	1.32"	0.38"	.633-.642"	.627-.542"	0.035"
1652	11/16"	7.25"	1.32"	0.38"	.696-.706"	.689-.706"	0.035"
1654	3/4"	7.25"	1.32"	0.38"	.759-.769"	.752-.769"	0.035"
1656	13/16"	9.35"	1.67"	0.44"	.814-.832"	SAME	0.040"
1658	7/8"	9.35"	1.67"	0.44"	.886-.895"	.877-.895"	0.040"
1660	15/16"	9.35"	1.67"	0.51"	.938-.958"	SAME	0.040"
1662	1"	9.35"	1.67"	0.51"	1.012-1.022"	1.002-1.02"	0.040"

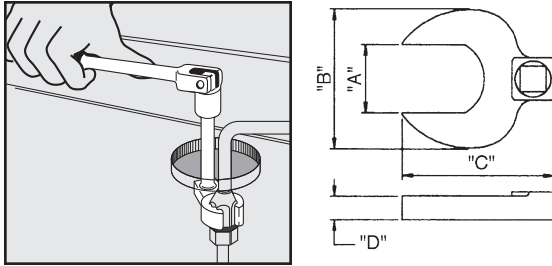


**Function:**

Simply snap open the large jaw (smaller jaw cocks inward automatically) and the wrench is ready for operation. Engage fitting or fastener in the manner shown in the illustrations, and apply necessary torque. Move wrench in the opposite direction and the wrench ratchets with each 30° turn.

**Specifications:**

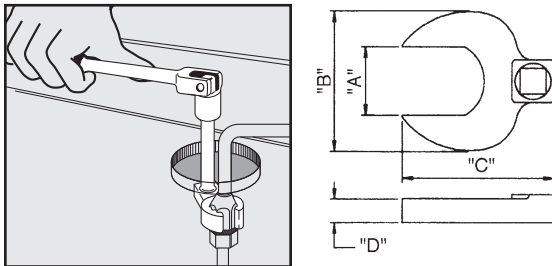
- High carbon steel jaws with black conversion coat finish.
- Heavy gauge, heat treated handles.
- Stainless steel rivets for maximum strength.
- Stainless steel jaw springs.
- Meets government specifications for NSN 5120-00-474-7227.



### 3/8" Drive Open-End Crowfoot Wrenches

Part No.	Nom. Size	B	C	D
1012	3/8"	3/4"	1-1/8"	13/64"
1014	7/16"	7/8"	1-1/4"	13/64"
1016	1/2"	31/32"	1-3/8"	1/4"
1018	9/16"	1-1/8"	1-1/2"	1/4"
1020	5/8"	1-1/4"	1-19/32"	5/16"
1022	11/16"	1-11/32"	1-23/32"	21/64"
1024	3/4"	1-17/32"	1-13/16"	21/64"
1026	13/16"	1-19/32"	1-15/16"	21/64"
1028	7/8"	1-3/4"	2"	11/32"
1032	1"	2-1/16"	2-1/4"	11/32"

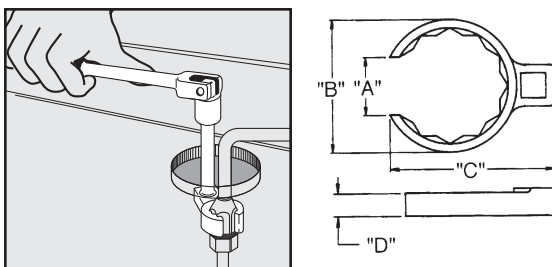
Meets or exceeds ASME B107.100



### Metric 3/8" Open-End Crowfoot Wrenches

Part No.	Nom. Size	B	C	D
10-10mm	10mm	19.84	30.16	5.16
10-11mm	11mm	22.23	32.15	5.16
10-12mm	12mm	24.60	34.93	6.35
10-13mm	13mm	24.60	34.93	6.35
10-14mm	14mm	29.37	34.13	6.35
10-15mm	15mm	29.37	38.89	7.14
10-16mm	16mm	31.75	41.28	8.33
10-17mm	17mm	35.32	42.86	8.33
10-18mm	18mm	35.32	44.45	8.33
10-19mm	19mm	39.69	45.24	8.73

Meets or exceeds ASME B107.100



### 3/8" Drive Crowfoot Wrench – Flare Nut 12 Pt.

Part No.	Nom. Size	A Width Of Slot	B Diameter of Head	C Length	D Head Thickness
1060	5/8"	15/32"	15/16"	47/64"	11/16"
1062	11/16"	17/32"	1-1/32"	25/32"	11/16"
1064	3/4"	9/16"	1-1/8"	53/64"	23/32"
1066	13/16"	5/8"	1-13/64"	7/8"	23/32"
1068	7/8"	11/16"	1-19/64"	15/16"	3/4"
1070	15/16"	25/32"	1-3/8"	15/16"	3/4"
1072	1"	3/4"	1-29/64"	1-1/64"	25/32"
1074	1-1/16"	25/32"	1-17/32"	1-3/64"	25/32"

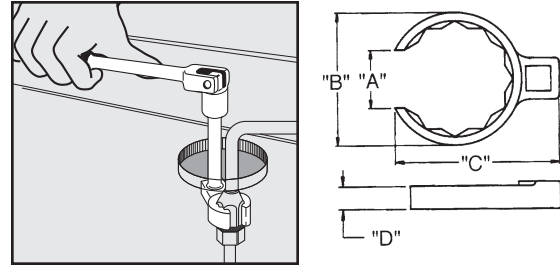
Meets or exceeds ASME B107.100



## 1/2" Drive Crowfoot Wrench – Flare Nut <sup>12</sup>Pt.

Part No.	Nom. Size	A Width of Slot	B Diameter of Head	C Length	D Head Thickness
1080	1-1/8"	27/32"	1-5/8"	1-5/32"	7/8"
1081	1-3/16"	29/32"	1-11/16"	1-3/16"	7/8"
1082	1-1/4"	15/16"	1-25/32"	1-15/64"	7/8"
1083	1-5/16"	31/32"	1-27/32"	1-17/64"	7/8"
1084	1-3/8"	1-1/16"	1-15/16"	1-5/16"	15/16"
1085	1-7/16"	1-1/16"	2"	1-11/32"	15/16"
1086	1-1/2"	1-1/8"	2-1/16"	1-3/8"	15/16"
1087	1-9/16"	1-5/32"	2-5/32"	1-27/64"	15/16"
1088	1-5/8"	1-7/32"	2-7/32"	1-29/64"	15/16"
1089	1-11/16"	1-5/16"	2-5/16"	1-33/64"	1"
1090	1-3/4"	1-5/16"	2-3/8"	1-35/64"	1"
1091	1-13/16"	1-11/32"	2-15/32"	1-19/32"	1"
1092	1-7/8"	1-3/8"	2-9/16"	1-41/64"	1-1/16"
1093	1-15/16"	1-7/16"	2-5/8"	1-43/64"	1-1/16"
1094	2"	1-9/16"	2-23/32"	1-23/32"	1-1/16"

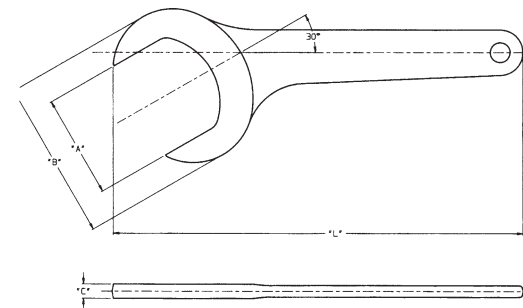
Meets or exceeds ASME B107.100



## Service Wrenches – 30° Angle

Part No.	A Nom. Size	B	C	L
1424	3/4"	1-5/8"	7/32"	6-1/2"
1426	13/16"	1-5/8"	7/32"	6-1/2"
1428	7/8"	1-5/8"	7/32"	6-1/2"
1430	15/16"	1-7/8"	7/32"	6-7/8"
1432	1"	1-7/8"	7/32"	6-7/8"
1434	1-1/16"	1-7/8"	7/32"	6-7/8"
1436	1-1/8"	2-1/16"	7/32"	7-1/4"
1438	1-3/16"	2-1/16"	7/32"	7-1/4"
1440	1-1/4"	2-1/16"	7/32"	7-1/4"
1442	1-5/16"	2-1/2"	1/4"	7-11/16"
1444	1-3/8"	2-1/2"	1/4"	7-11/16"
1446	1-7/16"	2-1/2"	1/4"	7-11/16"
1448	1-1/2"	2-1/2"	1/4"	7-11/16"
1450	1-9/16"	2-5/8"	1/4"	8-1/16"
1452	1-5/8"	2-5/8"	1/4"	8-1/16"
1456	1-3/4"	3-1/8"	9/32"	8-9/16"
1458	1-13/16"	3-1/8"	9/32"	8-9/16"
1460	1-7/8"	3-1/8"	9/32"	8-9/16"
1462	1-15/16"	3-1/8"	9/32"	8-9/16"
1464	2"	3-1/2"	9/32"	9"
1468	2-1/8"	3-1/2"	9/32"	9"
1472	2-1/4"	3-1/2"	9/32"	9"

Meets or exceeds ASME B107.100



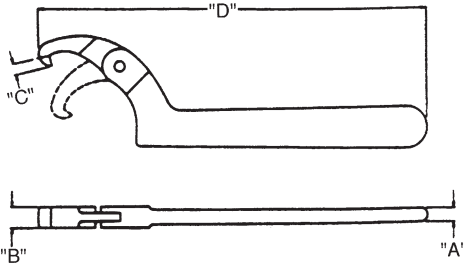
**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



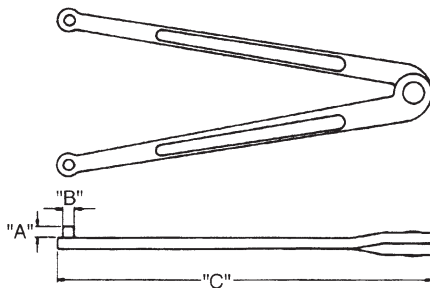
**WARNING**  
Comfort or plastic grips do not protect against electric shock.



### Adjustable Hook Spanner Wrenches

Black Industrial Finish

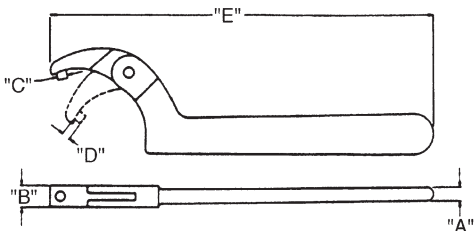
Part No.	Nom. Size	A Thickness of Handle	B Thickness of Hook	C Depth of Hook	D Length
9630	3/4 to 2"	1/4"	11/32"	1/8"	6-3/8"
9631	1-1/4 to 3"	9/32"	13/32"	5/32"	8-1/8"
9632	2 to 4-3/4"	5/16"	15/32"	3/16"	11-3/8"
9633	4-1/2 to 6-1/4"	5/16"	15/32"	1/4"	12-1/8"
9634	6-1/8 to 8-3/4"	5/16"	15/32"	5/16"	13-3/4"



### Adjustable Face Spanner Wrenches

Black Industrial Finish

Part No.	Extreme Capacity	A Length of Pin	B Diameter of Pin	D Overall Length
9636	2"	1/4"	3/16"	6-3/8"
9637	3"	1/4"	1/4"	8-1/4"
9638	4"	1/2"	5/16"	10-3/8"



### Adjustable Pin Spanner Wrenches

Black Industrial Finish

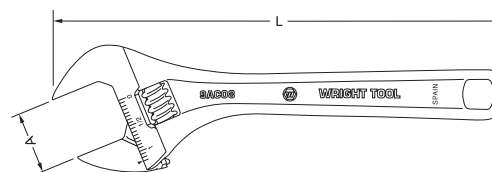
Part No.	Capacity Range	Thickness		Pin Size		Overall D Length
		A Handle	B Hook	C Dia.	D Length	
9640	3/4 to 2"	1/4"	11/32"	1/8"	1/8"	6-3/8"
9641	3/4 to 2"	1/4"	11/32"	3/16"	5/32"	6-3/8"
9642	1-1/4 to 3"	9/32"	13/32"	3/16"	3/16"	8-1/8"
9643	1-1/4 to 3"	9/32"	13/32"	1/4"	7/32"	8-1/8"
9644	2 to 4-3/4"	5/16"	15/32"	1/4"	1/4"	11-3/8"
9645	4-1/2 to 6-1/4"	5/16"	15/32"	3/8"	1/4"	12-1/8"



## Adjustable Wrenches

### Chrome Finish

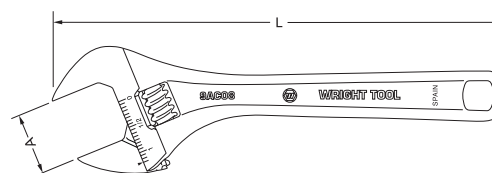
Part No.	L Length	A Max. Capacity
9AC04	4"	1/2"
9AC06	6"	15/16"
9AC08	8"	1-1/8"
9AC10	10"	1-3/8"
9AC12	12"	1-1/2"
9AC15	15"	1-11/16"
9AC18	18"	2-1/8"
9AC24	24"	2-17/32"



## Adjustable Wrenches

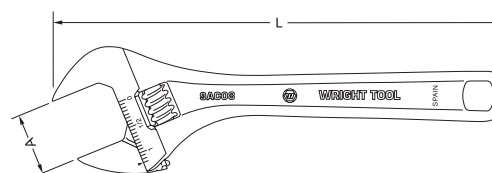
### Black Industrial Finish

Part No.	L Length	A Max. Capacity
9AB04	4"	1/2"
9AB06	6"	15/16"
9AB08	8"	1-1/8"
9AB10	10"	1-3/8"
9AB12	12"	1-1/2"
9AB15	15"	1-11/16"
9AB18	18"	2-1/8"
9AB24	24"	2-17/32"



## Adjustable Wrenches Cobalt Finish – Cushion Grip

Part No.	L Length	A Max. Capacity
9AG04	4"	1/2"
9AG06	6"	15/16"
9AG08	8"	1-1/8"
9AG10	10"	1-3/8"
9AG12	12"	1-1/2"



## Giant Adjustable Wrench – 36"

Part No.	L Capacity	Head Thickness	Weight
9AC36	2-3/4" - 4-3/4" (in 1/8" increments)	1-1/8"	31 lbs.



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.





**RIDGID**

**Pipe Wrenches – Heavy-Duty Design**

Part No.	Length	Max. Pipe Diameter
9R31000	6"	3/4"
9R31005	8"	1"
9R31010	10"	1-1/2"
9R31015	12"	2"
9R31020	14"	2"
9R31025	18"	2-1/2"
9R31030	24"	3"
9R31035	36"	5"
9R31040	48"	6"

GGG-W-651



**Pipe Wrenches – Heavy-Duty Design – Aluminum**

Part No.	Length	Max. Pipe Diameter
9R31090	10"	1-1/2"
9R31095	14"	2"
9R31100	18"	2-1/2"
9R31105	24"	3"
9R31110	36"	5"
9R31115	48"	6"

GGG-W-651



## Flange Jacks

Easy-effect flange spreaders. Flanges are separated smoothly and evenly with no damage to flange faces. **Sold in pairs.**

### Diameter Capacity – Standard Raised Face Flanges

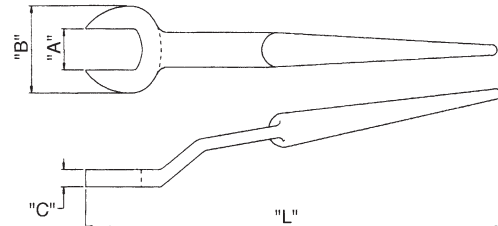
Part No.	125 lbs. Cast Iron	150 lbs. Steel	250 lbs. Cast Iron	300 lbs. Steel
9460	2 to 20"	2 to 20"	1 to 12"	3/4 to 12"
9461	16 to 48"	18 to 24"	12 to 30"	12 to 24"



## Construction – Structural Spud Wrenches, Offset Head

Black Industrial Finish

Part No.	A Nom. Size	B	C	L	Nut Type	Bolt Size
1726	13/16"	2"	17/32"	14-1/2"	U.S. Regular	1/2"
1728	7/8"	2"	17/32"	14-1/2"	U.S. Heavy	1/2"
1730	15/16"	2"	17/32"	14-1/2"	Utility	5/8"
1732	1"	2"	17/32"	14-1/2"	U.S. Regular	5/8"
1734	1-1/16"	2-1/4"	5/8"	17"	U.S. Heavy	5/8"
1736	1-1/8"	2-1/4"	5/8"	17"	U.S. Regular	3/4"
1740	1-1/4"	2-13/16"	11/16"	17-1/2"	U.S. Heavy	3/4"
1742	1-5/16"	2-13/16"	11/16"	19"	U.S. Regular	7/8"
1746	1-7/16"	3-1/8"	3/4"	20"	U.S. Heavy	7/8"
1748	1-1/2"	3-1/8"	3/4"	20"	U.S. Regular	1"
1752	1-5/8"	3-19/32"	13/16"	23"	U.S. Heavy	1"



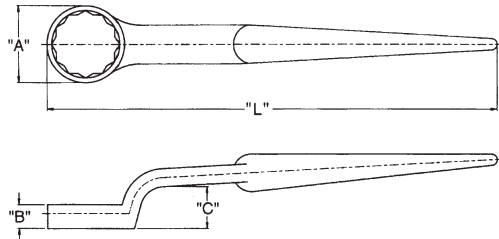
**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.

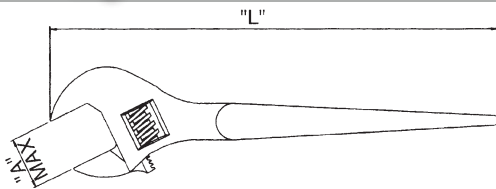


### Construction – Structural 12 Pt. Spud Handle Box Wrenches

Black Industrial Finish

Part No.	Nom. Size	A	B	C	L
1756	13/16"	1-15/32"	11/16"	1-25/32"	12"
1758	7/8"	1-15/32"	11/16"	1-25/32"	12"
1760	15/16"	1-5/8"	13/16"	1-61/64"	12"
1762	1"	1-5/8"	13/16"	1-61/64"	12"
1764	1-1/16"	1-53/64"	7/8"	2-9/64"	15"
1766	1-1/8"	1-53/64"	7/8"	2-9/64"	15"
1770	1-1/4"	2-5/64"	15/16"	2-21/64"	17"
1772	1-5/16"	2-5/64"	15/16"	2-21/64"	17"
1776	1-7/16"	2-3/8"	1-1/8"	2-3/4"	21"
1778	1-1/2"	2-3/8"	1-1/8"	2-3/4"	21"
1782	1-5/8"	2-5/8"	1-3/16"	2-7/8"	22"
1784	1-11/16"	2-5/8"	1-3/16"	2-7/8"	22"
1788	1-13/16"	2-29/32"	1-1/4"	3"	23"
1790	1-7/8"	2-29/32"	1-1/4"	3"	23"
1794	2"	3-5/32"	1-3/8"	3-5/32"	24-1/2"
1795	2-3/16"	3-15/32"	1-1/2"	3-1/2"	26"
1796	2-3/8"	3-23/32"	1-5/8"	3-11/16"	28"
1797	2-9/16"	3-29/32"	1-3/4"	3-13/16"	30"
1798	2-3/4"	4-5/32"	1-7/8"	3-29/32"	30"

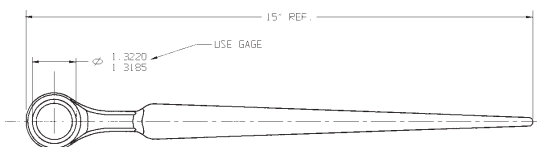
Some items may be special order.



### Adjustable Construction Wrench

Black Industrial Finish

Part No.	Nom. Size	A
9413	1-1/8"	10"
9414	1-19/32"	16"



### Construction Spud Ratchet

Black Industrial Finish

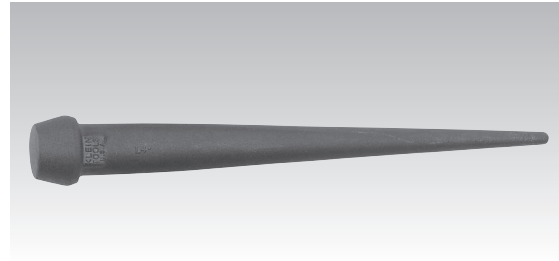
Features 1/2" drive and a heavy-duty round head. Requires only 4° arc swing for tight spots.

Part No.	L Overall Length	No. of Teeth	A Head Dia.	Renewal Kit No.
4428	15"	45	1-5/8"	34491



### Broad Head Bull Pins

Part No.	Top Diameter	Point Diameter	Length
9A649	1-1/16"	1/4"	10-3/8"
9A650	1-1/4"	5/16"	13-3/4"



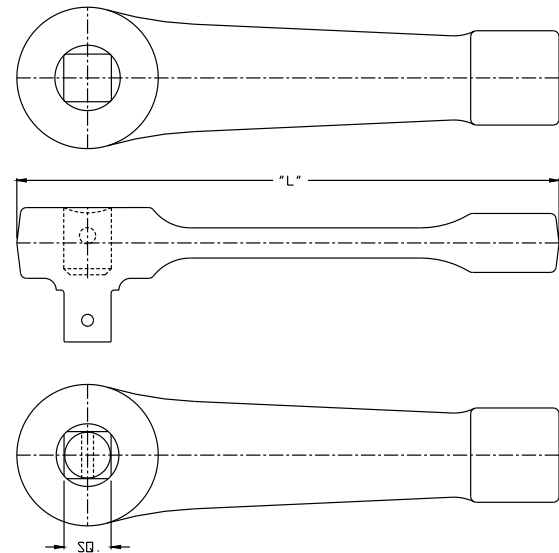
### Barrel Pins

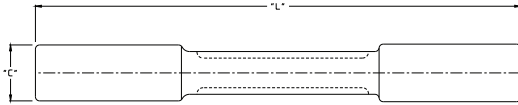
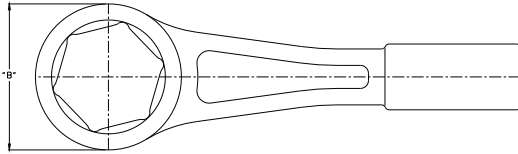
Part No.	Size	Overall Length	Length of Taper	Point Size
9A611	7/16"	6"	2"	3/16"
9A613	11/16"	6"	2"	5/16"
9A634	13/16"	8"	2-1/2"	3/8"
9A635	15/16"	8"	2-1/2"	7/16"
9A636	1-1/16"	8"	2-1/2"	9/16"
9A637	1-3/16"	8"	2-1/2"	3/4"
9A638	1-5/16"	8"	2-1/2"	3/4"



### Slugging Wrench Adaptor

Part No.	Description
1900	1"M x 1"F
1901	3/4"M x 3/4"F





## Straight Handle Striking Face Box Wrenches <sup>12</sup>Pt. – Heavy Duty

Black Industrial Finish

Part No.	A Nom. Size	B Diameter of Head	C Thickness of Head	L Overall Length
1832	1"	1-25/32"	5/8"	9-1/8"
1834	1-1/16"	1-25/32"	5/8"	9-1/8"
1836	1-1/8"	1-25/32"	5/8"	9-7/8"
1838	1-3/16"	2"	3/4"	10-1/4"
1840	1-1/4"	2"	3/4"	10-1/4"
1842	1-5/16"	2"	3/4"	10-1/4"
1844	1-3/8"	2-17/64"	7/8"	10-9/16"
1846	1-7/16"	2-17/64"	7/8"	10-7/16"
1848	1-1/2"	2-17/64"	7/8"	10-7/16"
1852	1-5/8"	2-31/64"	1"	11"
1854	1-11/16"	2-31/64"	1"	11"
1856	1-3/4"	2-21/32"	1-1/8"	11-5/16"
1858	1-13/16"	2-21/32"	1-1/8"	11-5/16"
1860	1-7/8"	2-21/32"	1-1/8"	11-5/16"
1864	2"	3-1/32"	1-1/4"	11-11/16"
1866	2-1/16"	3-7/32"	1-1/4"	11-11/16"
1868	2-1/8"	3-9/32"	1-3/8"	12"
1870	2-3/16"	3-9/32"	1-3/8"	12"
1872	2-1/4"	3-13/32"	1-1/2"	12-3/8"
1874	2-5/16"	3-13/32"	1-1/2"	12-3/8"
1876	2-3/8"	3-13/32"	1-1/2"	12-3/8"
1880	2-1/2"	3-3/4"	1-3/8"	12-11/16"
1882	2-9/16"	3-3/4"	1-3/8"	12-11/16"
1884	2-5/8"	3-3/4"	1-5/8"	12-11/16"
1886	2-11/16"	4-11/64"	1-3/4"	13-1/16"
1888	2-3/4"	4-11/64"	1-3/4"	13-1/16"
1889	2-15/16"	4-23/64"	1-7/8"	13-7/16"
1889A	3"	4-31/64"	2"	13-13/16"
1890	3-1/8"	4-31/64"	2"	13-13/16"
1890A	3-3/8"	4-31/64"	2-1/4"	14-1/8"
1891	3-1/2"	4-31/64"	2-1/4"	14-1/8"
1891A	3-3/4"	5-25/64"	2-1/2"	14-1/2"
1892	3-7/8"	5-35/64"	2-1/2"	14-1/2"
1894	4-1/8"	6-1/2"	2-3/4"	16"
1895	4-1/4"	6-1/2"	2-3/4"	16"
1896	4-1/2"	7"	3"	18"
1897	4-5/8"	7"	3"	18"

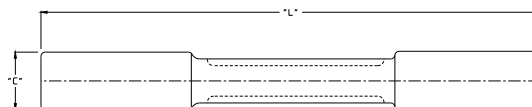
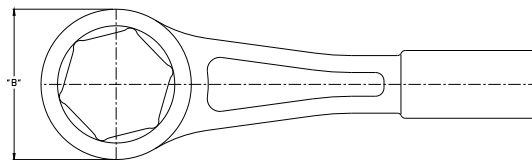
Meets or exceeds ASME B107.59



**Straight Handle Striking Face Box Wrenches 6 Pt.**

Orange Finish

Part No.	Nut Size	Stud Size	B Dia. of Head	C Thickness of Head	L Length
18H34	1-1/16"	5/8"	1-7/8"	3/4"	10-1/2"
18H40	1-1/4"	3/4"	2-1/8"	3/4"	11"
18H46	1-7/16"	7/8"	2-1/2"	29/32"	11-1/2"
18H52	1-5/8"	1"	2-5/8"	1-1/8"	12-1/2"
18H58	1-13/16"	1-1/8"	2-3/4"	1-5/32"	13"
18H64	2"	1-1/4"	3-1/8"	1-1/4"	13-1/2"
18H70	2-3/16"	1-3/8"	3-3/8"	1-27/64"	13-3/4"
18H76	2-3/8"	1-1/2"	3-5/8"	1-9/16"	14"
18H82	2-9/16"	1-5/8"	3-7/8"	1-5/8"	14-1/4"
18H88	2-3/4"	1-3/4"	4-1/8"	1-5/8"	14-1/2"
18H89	2-15/16"	1-7/8"	4-7/16"	1-45/64"	14-3/4"
18H90	3-1/8"	2"	4-5/8"	1-3/4"	15"
18H91	3-1/2"	2-1/4"	5-1/8"	1-3/4"	15-1/4"
18H92	3-7/8"	2-1/2"	5-5/8"	1-3/4"	15-1/2"



**Straight Handle Striking Face Box Wrenches 6 Pt. Metric**

Orange Finish

Part No.	Nut Size	Stud Size	B Dia. of Head	C Thickness of Head	L Length
18HM30	30mm	20	47.63	19.05	266.70
18HM32	32mm	22	53.98	19.05	279.40
18HM36	36mm	24	63.50	23.02	292.10
18HM41	41mm	27	66.68	28.58	317.50
18HM46	46mm	30	69.85	29.37	330.20
18HM50	50mm	33	79.38	31.75	342.90
18HM55	55mm	36	85.73	36.12	349.25
18HM60	60mm	39	92.08	39.69	355.60
18HM65	65mm	42	98.43	41.28	361.95
18HM70	70mm	45	104.78	41.28	368.30
18HM75	75mm	48	112.71	43.26	374.65
18HM80	80mm	52	117.48	44.45	381.00
18HM85	85mm	56	130.18	44.45	387.35
18HM90	90mm	60	130.18	44.45	387.35
18HM95	95mm	64	142.88	44.45	393.70
18HM100	100mm	68	142.88	44.45	393.70



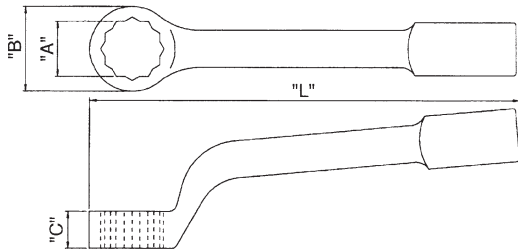
**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.



## Offset Handle Striking Face Box Wrenches – 12 Pt. 45° Offset

Black Industrial Finish

Part No.	A Nom. Size	B Diameter of Head	C Thickness of Head	L Overall Length
1932	1"	1-3/4"	13/16"	10-1/2"
1934	1-1/16"	1-3/4"	13/16"	10-1/2"
1936	1-1/8"	1-3/4"	13/16"	10-1/2"
1938	1-3/16"	2"	13/16"	11"
1940	1-1/4"	2"	29/32"	11"
1942	1-5/16"	2"	29/32"	11"
1946	1-7/16"	2-3/8"	1"	11-1/2"
1948	1-1/2"	2-3/8"	1"	11-1/2"
1952	1-5/8"	2-1/2"	1-1/16"	12"
1954	1-11/16"	2-1/2"	1-1/16"	12"
1956	1-3/4"	2-7/8"	1-1/8"	12-1/2"
1958	1-13/16"	2-7/8"	1-1/8"	12-1/2"
1960	1-7/8"	2-7/8"	1-1/8"	12-1/2"
1962	1-15/16"	3"	1-1/4"	13"
1964	2"	3"	1-1/4"	13"
1966	2-1/16"	3-1/2"	1-3/8"	13-1/2"
1968	2-1/8"	3-1/2"	1-3/8"	13-1/2"
1970	2-3/16"	3-1/2"	1-3/8"	13-1/2"
1972	2-1/4"	3-1/2"	1-3/8"	13-1/2"
1974	2-5/16"	3-23/32"	1-1/2"	14"
1976	2-3/8"	3-23/32"	1-1/2"	14"
1980	2-1/2"	4-5/16"	1-3/4"	15-1/4"
1982	2-9/16"	4-5/16"	1-3/4"	15-1/4"
1984	2-5/8"	4-5/16"	1-3/4"	15-1/4"
1988	2-3/4"	4-5/16"	1-3/4"	15-1/4"
1989	2-15/16"	4-13/16"	2"	16-1/2"
1992	2-7/8"	4-13/16"	1-7/8"	16"
1996	3"	4-13/16"	2"	16-1/2"
1997	3-1/8"	4-13/16"	2"	16-1/2"
19108	3-3/8"	6-1/4"	2-3/8"	18"
19112	3-1/2"	6-1/4"	2-3/8"	18"
19120	3-3/4"	6-1/4"	2-3/8"	18"
19124	3-7/8"	6-1/4"	2-3/8"	18"
19132	4-1/8"	6-1/4"	2-3/8"	18"
19136	4-1/4"	6-1/4"	2-3/8"	18"

Meets or exceeds ASME B107.59



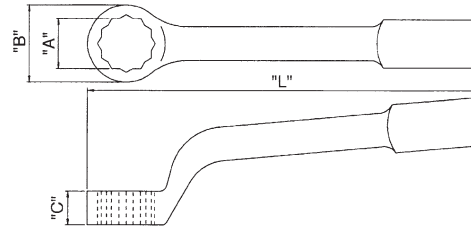


**Metric Offset Handle Striking Face Box Wrenches – 12 Pt. 45° Offset**

Black Industrial Finish

Part No.	A Nom. Size	B Diameter of Head	C Thickness of Head	L Overall Length
19-32mm	32mm	50.80	23.02	279.40
19-36mm	36mm	60.33	25.40	292.10
19-41mm	41mm	63.50	26.99	304.80
19-46mm	46mm	73.03	28.58	317.50
19-50mm	50mm	76.20	31.75	330.20
19-55mm	55mm	88.90	34.93	342.90
19-60mm	60mm	94.45	38.10	355.60
19-65mm	65mm	109.54	44.45	387.35
19-70mm	70mm	109.54	44.45	387.35
19-75mm	75mm	122.24	50.80	419.10
19-80mm	80mm	122.24	50.80	419.10

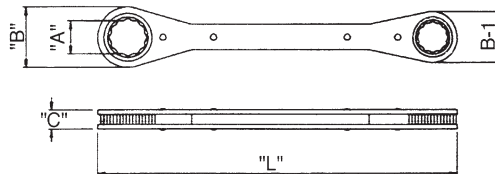
Meets or exceeds ASME B107.59



**Metric Ratcheting Box Wrenches – 12 Pt.**

Part No.	A Nom. Size	B	B-1	C	L
9416	7 x 8mm	16.27	15.48	9.53	107.95
9417	9 x 10mm	22.62	19.84	9.53	139.70
9418	11 x 12mm	32.54	25.40	12.70	171.45
9419	13 x 14mm	32.54	25.40	12.70	171.45
9421	15 x 17mm	36.51	32.94	12.70	203.20
9422	16 x 18mm	36.51	32.94	12.70	203.20
9423	19 x 21mm	40.08	35.72	12.70	234.95

Meets or exceeds ASME B107.59



**WARNING**  
Wear safety goggles user and bystander.

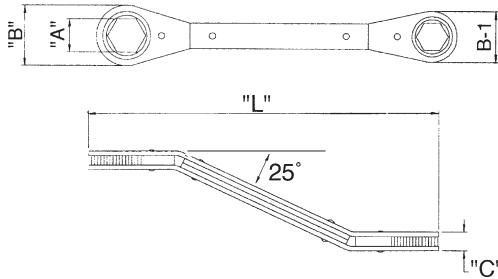


**WARNING**  
Before using tools, read safety information on pages 399-403.

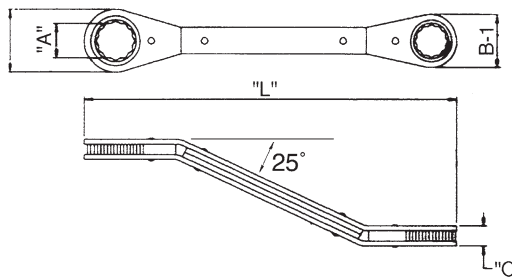


**WARNING**  
Comfort or plastic grips do not protect against electric shock.

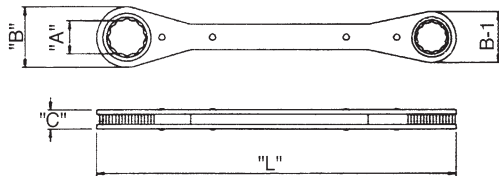



**Metric Offset Ratcheting Box Wrenches – 12 Pt. Reversible**

Part No.	A Nom. Size	B	B-1	C	L
9431	7 x 8mm	15.88	15.08	4.25	107.95
9432	9 x 10mm	22.23	19.84	7.94	136.53
9434	11 x 12mm	29.37	25.40	7.94	171.45
9435	13 x 14mm	29.37	25.40	7.94	171.45


**Metric Offset Ratcheting Box Wrenches – 12 Pt. Reversible**

Part No.	A Nom. Size	B	B-1	C	L
9436	15 x 17mm	36.51	32.54	9.53	203.20
9437	16 x 18mm	36.51	32.54	9.53	206.38
9438	19 x 21mm	39.69	35.72	9.53	231.76

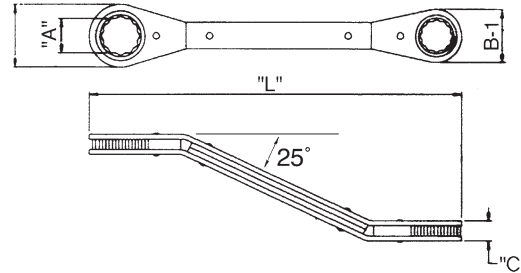

**Ratcheting Box Wrenches – 12 Pt.**

Part No.	A Nom. Size	B	B-1	C	L
9381	1/4 x 5/16"	5/8"	19/32"	5/16"	4-1/4"
9382	3/8 x 7/16"	7/8"	25/32"	5/16"	5-1/2"
9383	1/2 x 9/16"	1-5/32"	1-1/16"	1/2"	6-7/8"
9383A	9/16 x 3/4"	1-7/16"	1-19/64"	1/2"	8-1/8"
9383B	9/16 x 5/8"	1-7/16"	1-19/64"	1/2"	8-1/8"
9384	5/8 x 11/16"	1-7/16"	1-9/32"	1/2"	8"
9385	5/8 x 3/4"	1-7/16"	1-9/32"	1/2"	8"
9386	3/4 x 7/8"	1-9/16"	1-13/32"	1/2"	9-1/4"
9387	13/16 x 15/16"	1-5/8"	1-7/16"	1/2"	9-1/4"
9388	1-1/16 x 1-1/4"	1-7/8"	1-3/4"	1/2"	15"
9389	1-1/8 x 1-1/4"	1-15/16"	1-3/4"	1/2"	15"
9390	1 x 1-1/16"	2-1/4"	1-29/32"	1/2"	15"



**Offset Ratcheting Box Wrenches – 12 Pt. Reversible**

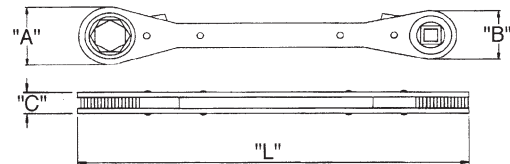
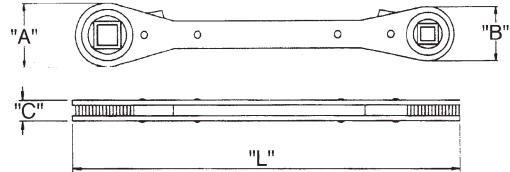
Part No.	A Nom. Size	B	B-1	C	L
9424	1/4 x 5/16"	21/32"	19/32"	5/16"	4-1/4"
9425	3/8 x 7/16"	7/8"	25/32"	5/16"	5-1/2"
9426	1/2 x 9/16"	1-5/32"	1-1/32"	3/8"	6-1/2"
9427	5/8 x 11/16"	1-7/16"	1-9/32"	3/8"	7-7/8"
9428	3/4 x 7/8"	1-9/16"	1-13/32"	3/8"	8-3/4"



**Air Conditioning & Refrigeration Ratcheting Box Wrenches, Reversible**

These 4 sizes in 1 ratchets are specifically designed for servicing automotive, commercial and home air conditioners, refrigeration units and freezers. They have the "finger tip" reversing feature on both ends.

Part No.	Description	A	B	C	L
9396	1/4"-3/16" Sq. x 3/8"-5/16" Sq.	29/32"	25/32"	5/16"	5-5/8"
9397	1/4"-3/16" Sq. x 9/16"-1/2" Hex	1-9/64"	1"	3/8"	7"



# SOCKETS, RATCHETS & ATTACHMENTS



Wright sockets feature the patented Wright Drive<sup>®</sup>, which provides more torque with less fastener damage. Wright's wide range of ratchets meet your every need: double-pawl ratchets in 3/8" and 1/2" drives provide ruggedness, extra strength, durability and fine tooth action. We also have the handles and attachments you're looking for—from extensions and spinners to universals and flex handles.



## W A R N I N G !

### HAND SOCKETS, HANDLES & ATTACHMENTS

- Users and bystanders must wear safety goggles.
- To avoid possible eye injury from flying objects, safety goggles or equivalent protection conforming to ANSI Z87.1 shall be worn and kept clean by the user and all persons in the immediate area where any tool is being used.
- Comfort or plastic grips on handles are not intended to give any degree of protection against electric shock and shall not be used on or near live electric circuits.

### IMPACT SOCKETS

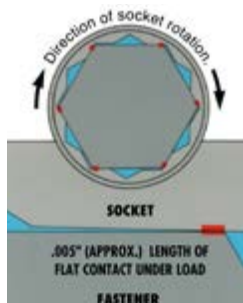
- Users and bystanders must wear safety goggles.
- To avoid possible eye injury from flying objects, safety goggles or equivalent protection conforming to ANSI Z87.1 shall be worn and kept clean by the user and all persons in the immediate area where any tool is being used.
- Do not hold impact sockets, universal joints or extensions while an impact tool is running. Serious hand injury can occur.
- 3/4" drive and larger drive size impact sockets require the use of a ret ring or a Pin & O-ring to secure the socket to the driving square.

## SOCKETS SAFETY

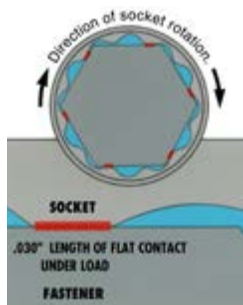
- Never use hand sockets or hand attachments on power drivers, impact drivers or hydraulic drivers. Black industrial sockets, Torx® sockets and Torx® bit sockets are designed and finished to be hand sockets – not impact.
- Never use cheater bars to increase handle leverage.
- Never hammer on a ratchet or handle.
- Never use ratchets or other handles as a hammer or pry bar.
- Hand sockets are to be attached to ratchets and handles and used by hand to turn fasteners.
- Users shall apply a controlled force with a stance adjusted and braced to prevent rapid bodily movement or a fall if sudden release occurs.
- Use the correct size socket, do not use metric sockets on inch fasteners or inch sockets on metric fasteners, because the fit is not good enough. Do not use hex sockets on square fasteners or square sockets on hex fasteners.
- Place the socket all the way on the fastener.
- Adaptor strength is limited to the smallest drive square member.
- Never use sockets as a driver for hex or square bits or shafts.
- Inspect and discard bent, worn or cracked sockets, handles or attachments.
- Socket opening configurations shall be inspected before each use and their use discontinued at the first sign of significant wrenching surface deterioration.
- Never use a nail or homemade pin for holding a socket in place.
- Never exceed the manufacturer's gun pressure rating.
- Impact sockets are to be used to turn (tighten or loosen) fasteners while being driven by a power, impact or hydraulic driver.
- Never dwell on a socket after it has stopped running. This can damage both the socket and the fastener.
- Place the socket all the way on the fastener before starting the gun.
- Adaptor strength is limited to the smallest drive square member.
- Mind the joints between the gun and fasteners for less loss of torque and less wear.
- Use the correct size socket, do not use metric sockets on inch fasteners or inch sockets on metric fasteners, because the fit is not good enough. Do not use hex sockets on square fasteners or square sockets on hex fasteners.
- Never use sockets as a driver for hex or square bits or shafts.
- Large drive impact sockets are inherently heavy and care needs to be taken during handling.
- Socket opening configurations shall be inspected before each use and their use discontinued at the first sign of significant wrenching surface deterioration.
- Inspect and discard worn or cracked sockets.

# Wright Drive®...More Strength. More Torque. Longer Tool Wear.

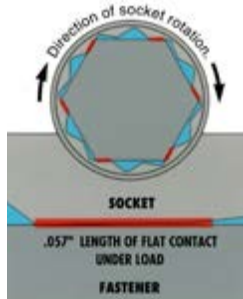
## 12-pt. Wright Drive tools give you ten times more fastener contact!



**Conventional.**



**First Generation.**



**Wright Drive.**

The Wright Drive® 12-point design distributes contact stress more effectively than any other wrench system available. It spreads stress evenly over a larger contact area and away from the fastener corners. The result is up to ten times more tool-to-fastener contact area than conventional wrenches. This design improves fastener torque load while decreasing rounding and distortion of the fastener. To better understand the advantages of the 12-point design, one must look at the designs that led to the introduction of the Wright Drive.

**Conventional** designs put all of the load too close to the fastener corner. Extra fasteners were used to share the load. This was fine when over-engineered products required low-torque fasteners. But industry moved away from over-engineering. As the demand for high-torque fasteners increased, so did the demand for a new generation of high-torque tools. Today, every fastener should be fully tightened. Installation is more demanding and removal is more difficult.

Approximate .005" length of flat contact at engagement under load with 5/8" conventional design and SAE Grade 5 fastener.

**Early First Generation** designs concentrated on reducing the rounding of fastener corners by moving the stress zone farther away from the corner. However, these modifications—known as First Generation AS954 tools—result in a reduction of leverage. While First Generation designs reduce the tendency to round fastener corners, the relatively limited flat contact area still tends to mark, indent and distort fasteners and fittings made of soft steel and brass.

Maximum .030" length of flat contact at engagement under load with 5/8" first generation AS954 design and SAE Grade 5 fastener.

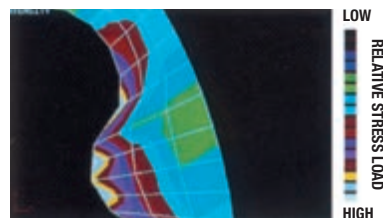
**The Wright Drive** was created and patented by the Wright Tool Company, taking full advantage of advanced CAD/CAM technologies. It actually improves the torque load capabilities of every fastener, whether it's a soft stove bolt or a hardened aerospace fastener.

- Torque loads are moved away from fastener corners to prevent rounding.
- Stress is distributed over a much larger area of the fastener.
- Leverage is improved, eliminating fastener rounding and increasing tool strength.
- Tool-to-fastener contact area is ten times greater than with a conventional design, and almost twice that of a First Generation AS954 tool.

Maximum .057" length of flat contact at engagement under load with 5/8" Wright Drive design and SAE Grade 5 fastener.



**Conventional.** This Finite Element Analysis display shows that ordinary sockets create extremely high stress loads at the fastener corner and at the socket's inside corners. The illustration shows that this stress is concentrated in a very small area.



**First Generation.** While stress is relieved on the fastener corner, there is no significant improvement in relieving concentrated stress on the inside surfaces of the socket.



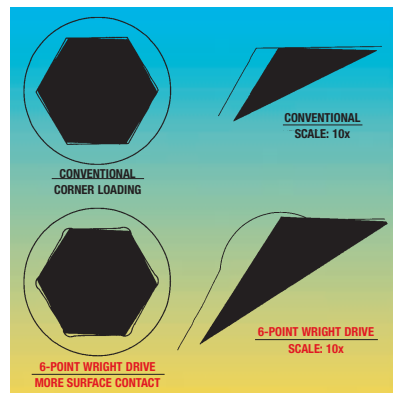
**Wright Drive.** The Wright Drive distributes stress evenly across the socket and fastener faces, away from the fastener corners, and over a larger flat contact area than ordinary sockets allow. There is a significant improvement in distribution of stress at the socket's inside surface.

## 6-pt. Wright Drive tools have greater strength & torque, plus better gripping power!



The patented 6-point Wright Drive is, in effect, a careful blending of Wright's 12-point design with the heavy-duty gripping characteristics of a traditional 6-point wrench opening. It offers many of the same advantages of the 12-point design, including greater strength, more torque and reduced rounding of the fastener corners. Patent No. 5,284,073.

The main advantage of the 6-pt. design is its gripping power. The Wright Drive's minor circle diameter, which is a measure of the ability to grip an undersized fastener, is exactly the same as a traditional 6-point opening. The smaller the diameter, the better the grip on undersized fasteners and fasteners with badly rounded corners.





## Wright Tool Leads in Impact Sockets



Impact tools save time and handle high torques with less effort and more safety. Wright Tool makes impact sockets and attachments for almost every size and drive for which we make a hand socket because no hand socket is recommended for impact gun use. Wright impact tools are stronger and tougher to withstand the repeated high loads produced by impact guns, which are often higher than can be produced by hand. Wright impact sockets are always black, not only to distinguish them from hand sockets, which are usually plated, but also to avoid the chipping which could occur when a plated socket is subjected to thousands of cycles of very high loads. (Wright and other manufacturers make some black finish hand tools for specialized applications. These are not for impact use.)

Wright 6 pt. sockets use the patented Wright Drive® design for greater strength and longer life. Wright Tool also manufactures 12 pt. impact sockets with our Wright Drive® design.

In addition, Wright makes large impact sockets which are beyond the range of hand application. These go up to 10" opening and 3-1/2" drive. The 2-1/2" and 3-1/2" drive sockets are normally driven with hydraulic power. Because of the high loads involved, the impact designs are much safer for these drivers. While 1-1/2" impact guns are available, the hydraulic driver is often more convenient to use and has the advantage of controlling the amount of torque applied.

Wright Tool stocks a large assortment of impact sockets including 1-1/2" drive inch and metric sizes through 6-1/2" and 155mm. The 2-1/2" and 3-1/2" drive sockets are custom made with prompt delivery. Also, deep sockets and sizes that we do not stock can be quickly manufactured to order.

Each Wright impact socket is designed for its drive size because the drive size limits the torque that may be applied.



## 12 Pieces – 6 Pt. Standard Socket Set Set No. 212

Part No.	Description	Part No.	Description
2006	3/16"	2014	7/16"
2007	7/32"	2016	1/2"
2008	1/4"	2492	Ratchet
2009	9/32"	2402	2" Extension
2010	5/16"	2441	Spinner
2011	11/32"	11	Metal Box
2012	3/8"		



## 18 Pieces – 6 Pt. Standard & Special 8 Pt. Standard Socket Set Set No. 218

Part No.	Description	Part No.	Description
<b>6 Pt. Standard Sockets</b>			
2006	3/16"	2011	11/32"
2007	7/32"	2012	3/8"
2008	1/4"	2014	7/16"
2009	9/32"	2016	1/2"
2010	5/16"		
<b>Special 8 Pt. Standard Sockets</b>			
2308	1/4"	2312	3/8"
2310	5/16"		
<b>Attachments</b>			
2492	Ratchet	2441	Spinner
2402	2" Extension	2475	Universal
2406	6" Extension	11	Metal Box
2435	Flex Handle		



## 25 Pieces – 6 Pt. Standard & Deep Socket Set Set No. 223

Part No.	Description	Part No.	Description
<b>6 Pt. Standard Sockets</b>			
2005	5/32"	2010	5/16"
2006	3/16"	2011	11/32"
2007	7/32"	2012	3/8"
2008	1/4"	2014	7/16"
2009	9/32"	2016	1/2"
<b>6 Pt. Deep Sockets</b>			
2506	3/16"	2511	11/32"
2507	7/32"	2512	3/8"
2508	1/4"	2514	7/16"
2509	9/32"	2516	1/2"
2510	5/16"		
<b>12 Pt. Deep Sockets</b>			
2618	9/16"		
<b>Attachments</b>			
2492	Ratchet	2441	Spinner
2402	2" Extension	2475	Universal
2406	6" Extension	13	Metal Box

1/4"

SOCKETS, RATCHETS & ATTACHMENTS



**35 Pieces – 6, 12 & Special 8 Pt. Standard Socket, 6 & 12 Pt. Deep Socket & Screwdriver Socket with Bit Set  
Set No. 236**

Part No.	Description	Part No.	Description
<b>6 Pt. Standard Sockets</b>			
2006	3/16"	2011	11/32"
2007	7/32"	2012	3/8"
2008	1/4"	2014	7/16"
2009	9/32"	2016	1/2"
2010	5/16"		
<b>12 Pt. Standard Socket</b>			
2118	9/16"		
<b>Special 8 Pt. Standard Sockets</b>			
2308	1/4"	2312	3/8"
2310	5/16"	2516	1/2"
<b>6 Pt. Deep Sockets</b>			
2506	3/16"	2511	11/32"
2507	7/32"	2512	3/8"
2508	1/4"	2514	7/16"
2509	9/32"	2516	1/2"
2510	5/16"		
<b>12 Pt. Deep Socket</b>			
2118	9/16"		
<b>Screwdriver Sockets with Bits</b>			
2260 (9204)	3/16"	2265 (9200)	#1
2261 (9205)	1/4"	2266 (9201)	#2
2263 (9203)	23/64"	2516	1/2"
<b>Attachments</b>			
2492	Ratchet	2435	Flex handle
2402	2" Extension	2441	Spinner
2404	4" Extension	2475	Universal
2406	6" Extension	13	Metal Box



**10 Pieces – 6 Pt. Standard Socket Set  
Set No. 200**

Part No.	Description	Part No.	Description
2005	5/32"	2011	11/32"
2006	3/16"	2012	3/8"
2007	7/32"	2014	7/16"
2008	1/4"	2016	1/2"
2009	9/32"	W008	Rail
2010	5/16"	W2	10 Clips



1/4"

SOCKETS, RATCHETS & ATTACHMENTS







1/4"

SOCKETS, RATCHETS & ATTACHMENTS



## 10 Pieces – 12 Pt. Standard Socket Set Set No. 209

Part No.	Description	Part No.	Description
2106	3/16"	2112	3/8"
2107	7/32"	2114	7/16"
2108	1/4"	2116	1/2"
2109	9/32"	2118	9/16"
2110	5/16"	W008	Rail
2111	11/32"	W2	10 Clips



## 9 Pieces – 6 Pt. Deep Socket Set Set No. 208

Part No.	Description	Part No.	Description
2506	3/16"	2512	3/8"
2507	7/32"	2514	7/16"
2508	1/4"	2516	1/2"
2509	9/32"	W008	Rail
2510	5/16"	W2	9 Clips
2511	11/32"		



## 10 Pieces – 6 Pt. Deep Socket Set Set No. 210

Part No.	Description	Part No.	Description
2606	3/16"	2612	3/8"
2607	7/32"	2614	7/16"
2608	1/4"	2616	1/2"
2609	9/32"	2618	9/16"
2610	5/16"	W008	Rail
2611	11/32"	W2	10 Clips



### 17 Pieces – ⑥ Pt. Standard Metric Socket Set Set No. 221

Part No.	Description	Part No.	Description
20-04mm	4mm	20-12mm	12mm
20-05mm	5mm	20-13mm	13mm
20-5.5mm	5.5mm	20-14mm	14mm
20-06mm	6mm	2492	Ratchet
20-07mm	7mm	2402	2" Extension
20-08mm	8mm	2406	6" Extension
20-09mm	9mm	2441	Spinner
20-10mm	10mm	2475	Universal
20-11mm	11mm	11	Metal Box



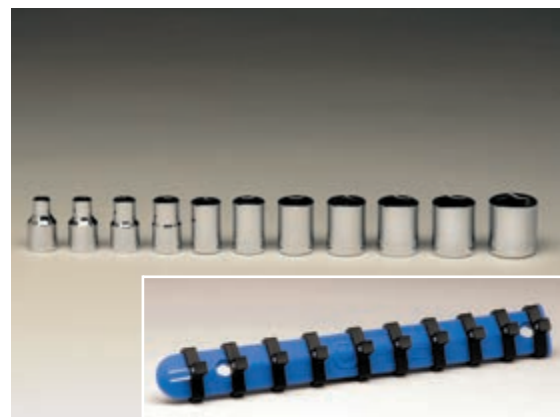
### 25 Pieces – ⑥ Pt. Standard & Deep Metric Socket Set Set No. 224

Part No.	Description	Part No.	Description
<b>6 Pt. Standard Metric Sockets</b>			
20-05mm	5mm	20-10mm	10mm
20-06mm	6mm	20-11mm	11mm
20-07mm	7mm	20-12mm	12mm
20-08mm	8mm	20-13mm	13mm
20-09mm	9mm	20-14mm	14mm
<b>6 Pt. Deep Metric Sockets</b>			
25-04mm	4mm	25-09mm	9mm
25-05mm	5mm	25-10mm	10mm
25-06mm	6mm	25-11mm	11mm
25-07mm	7mm	25-12mm	12mm
25-08mm	8mm	25-13mm	13mm
<b>Attachments</b>			
2492	Ratchet	2441	Spinner
2402	2" Extension	2475	Universal
2406	6" Extension	13	Box



### 11 Pieces – ⑥ Pt. Standard Metric Socket Set Set No. 256

Part No.	Description	Part No.	Description
20-04mm	4mm	20-11mm	11mm
20-05mm	5mm	20-12mm	12mm
20-06mm	6mm	20-13mm	13mm
20-07mm	7mm	20-14mm	14mm
20-08mm	8mm	W108	Rail
20-09mm	9mm	W2	11 Clips
20-10mm	10mm		


**1/4"**
**SOCKETS, RATCHETS & ATTACHMENTS**




## 9 Pieces – 12 Pt. Deep Metric Socket Set Set No. 257

Part No.	Description	Part No.	Description
25-05mm	5mm	25-11mm	11mm
25-06mm	6mm	25-12mm	12mm
25-07mm	7mm	25-13mm	13mm
25-08mm	8mm	W108	Rail
25-09mm	9mm	W2	9 Clips
25-10mm	10mm		



## 11 Pieces – Hex Bit Socket Set Set No. 205

Part No.	Description	Part No.	Description
2202	1/16"	2210	3/16"
2203	5/64"	2212	7/32"
2204	3/32"	2214	1/4"
2205	7/64"	2218	5/16"
2206	1/8"	W008	Rail
2207	9/64"	W2	11 Clips
2208	5/32"		



## 5 Pieces – 12 Pt. Standard Universal Socket Set Set No. 207

Part No.	Description	Part No.	Description
2708	1/4"	2716	1/2"
2710	5/16"	W008	Rail
2712	3/8"	W2	5 Clips
2714	7/16"		

1/4"

SOCKETS, RATCHETS & ATTACHMENTS



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.



**WARNING**  
Hand use only. Not for impact use.

### Ratchets

- Wright ratchets are engineered to be both strong and compact. While 1/4" drive ratchets are generally used in low torque applications, Wright ratchets are actually at home in the world of high torque.
- Compact design – standard head 25/32" – heavy duty head 1-5/64".
- Precision machined 45 tooth action – works in the tightest places. One-piece kit is easily removed for inspection and lubrication.
- Contour handle for a comfortable grip.

Part No.	Description
2426	Ratchet – 45 teeth, 4-3/4" – Single Pawl, Swing arc 3/4"
2492*	Heavy Duty Ratchet – 45 Teeth, 5-1/4", Contour Handle (Head diameter only 1-5/64". Swing arc 1".)

\*2492 ratchet is a single pawl, heavy-duty, round head ratchet that is superior in strength and durability. Meets or exceeds ASME B107.110



2426



2492

### Flex Head Ratchets

Head diameter only 25/32". Handle swings in 3/4" arc to get the next bite. Works in the tightest places. 45 teeth. Seven place indexing flex head.

Part No.	Description
2495	Ratchet – 45 teeth - 5-1/2", Swing arc 3/4" (Contour Grip) Single Pawl

Meets or exceeds ASME B107.110



2495

### Black Industrial Finish Ratchet

Part No.	Description
32426	1/4" Drive Ratchet, 4-3/4", Swing arc 3/4"

Meets or exceeds ASME B107.110



32426

### Renewal Kits

One piece, foolproof. Simply remove the snap ring and drop a new kit into place. On the spot repairs. Extends the life of the ratchet.

Part No.	Description
2401	1/4" Drive Ratchet Renewal Kit for 2426 and 2495
2493	Renewal Kit for 2492
32401	1/4" Drive Black Renewal Kit for 32426

NOTE: When cleaning your ratchet lubricate with light oil only.



2401

2493



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.



2435

## Flex Handle

Like all Wright flex joints, the square is assembled with steel pin and tension washer. Smoother friction in joint, eliminating binding. Better chrome plating because parts are plated individually before assembly. Eliminates rust. Seven place indexing flex head.

Part No.	Description
2435	Flex Handle – 5"

Meets or exceeds ASME B107.110



## Extensions

Part No.	Description	Part No.	Description
2402	2" Extension	2410	10" Extension
2404	4" Extension	2414	14" Extension
2406	6" Extension		

Meets or exceeds ASME B107.110



## Spinner

Spinner handle with plastic grip.

Part No.	Description
2441	Spinner – 6" (not pictured)
2442	Spinner with female end - 6"

Meets or exceeds ASME B107.110

1/4"

SOCKETS, RATCHETS & ATTACHMENTS



### Adaptor

Part No.	Description	Length
2453	1/4" F x 3/8" M	1"

Meets or exceeds ASME B107.110  
Guarantee does not apply



### Locking Adaptor

Part No.	Description
2413	Set Screw – Locking Adaptor 1/4" F x 1/4" M, 1-11/16" Long

Meets or exceeds ASME B107.110



### Speeder

Part No.	Description
2445L	Speeder 14-1/2" long

Meets or exceeds ASME B107.110



### Universal

Built-in spring tension for easy application to nut.  
No binding or locked joints; no sharp corners.

Part No.	Description
2475	Universal 1-5/16" long

Meets or exceeds ASME B107.110



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.



### 6 Pt. Standard Sockets

Part No.	Nom. Size	Shape	L	Ds	Dd	Bd
2005	5/32"	I	7/8"	17/64"	7/16"	5/32"
2006	3/16"	I	7/8"	19/64"	7/16"	3/32"
2007	7/32"	I	7/8"	11/32"	7/16"	7/64"
2008	1/4"	I	7/8"	23/64"	7/16"	1/8"
2009	9/32"	I	7/8"	13/32"	7/16"	9/64"
2010	5/16"	II	7/8"	15/32"	15/32"	9/64"
2011	11/32"	II	7/8"	31/64"	31/64"	5/32"
2012	3/8"	II	7/8"	17/32"	17/32"	5/32"
2014	7/16"	II	7/8"	39/64"	39/64"	7/32"
2016	1/2"	II	7/8"	43/64"	43/64"	17/64"

Meets or exceeds ASME B107.100



### 6 Pt. Standard Metric Sockets

Part No.	Nom. Size	Shape	L	Ds	Dd	Bd
20-04mm	4mm	I	22.23	7.14	11.90	4.76
20-05mm	5mm	I	22.23	8.33	12.70	3.97
20-5.5mm	5.5mm	I	22.23	8.73	11.90	7.14
20-06mm	6mm	I	22.23	9.92	12.70	3.97
20-07mm	7mm	I	22.23	10.41	11.23	3.97
20-08mm	8mm	II	22.23	12.70	12.70	3.97
20-09mm	9mm	II	22.23	12.45	12.45	4.36
20-10mm	10mm	II	22.23	15.08	15.08	5.95
20-11mm	11mm	II	22.23	15.88	15.88	5.95
20-12mm	12mm	II	22.23	16.67	16.67	7.14
20-13mm	13mm	II	22.23	17.46	17.46	7.54
20-14mm	14mm	II	24.60	19.05	19.05	9.53

Meets or exceeds ASME B107.100



### 6 Pt. Deep Sockets

Part No.	Nom. Size	Shape	L	Ds	Dd	Bd
2506	3/16"	I	1-15/16"	5/16"	15/32"	3/16"
2507	7/32"	I	2"	11/32"	15/32"	7/64"
2508	1/4"	I	2"	3/8"	7/16"	1/8"
2509	9/32"	I	2"	13/32"	7/16"	9/64"
2510	5/16"	II	2"	7/16"	7/16"	9/64"
2511	11/32"	II	2"	31/64"	31/64"	5/32"
2512	3/8"	II	2"	17/32"	17/32"	5/32"
2514	7/16"	II	2"	39/64"	39/64"	7/32"
2516	1/2"	II	2"	43/64"	43/64"	17/64"

Meets or exceeds ASME B107.100

Refer to socket dimensional drawings on page 111.

Wright Drive® 6 Pt. & 12 Pt. design sockets and combination wrenches give ten times more fastener contact area than conventional designs.



## 6 Pt. Deep Metric Sockets

Part No.	Nom. Size	Shape	L	Ds	Dd	Bd
25-04mm	4mm	I	50.30	7.14	11.90	2.38
25-05mm	5mm	I	50.30	8.33	12.70	5.55
25-06mm	6mm	I	50.30	9.53	12.70	6.35
25-07mm	7mm	I	50.80	10.41	11.23	10.32
25-08mm	8mm	II	50.80	12.70	12.70	10.32
25-09mm	9mm	II	50.80	12.45	12.45	11.51
25-10mm	10mm	II	50.80	14.68	14.68	13.10
25-11mm	11mm	II	50.80	15.86	15.86	13.89
25-12mm	12mm	II	50.80	16.67	16.67	15.06
25-13mm	13mm	II	50.80	18.25	18.25	17.86

Meets or exceeds ASME B107.100



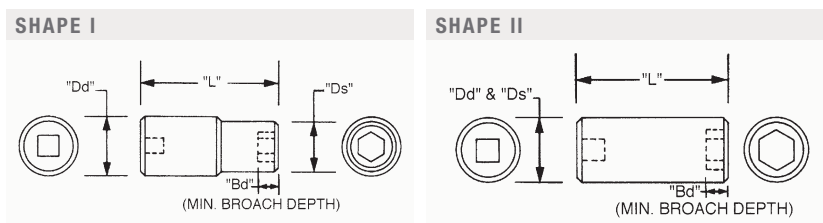
## 8 Pt. Standard Sockets

Part No.	Nom. Size	Shape	L	Ds	Dd	Bd
2308	1/4"	II	15/16"	7/16"	7/16"	1/8"
2310	5/16"	II	15/16"	9/16"	9/16"	9/64"
2312	3/8"	II	15/16"	5/8"	5/8"	5/32"

Meets or exceeds ASME B107.100



Wright Drive® 6 Pt. & 12 Pt. design sockets and combination wrenches give ten times more fastener contact area than conventional designs.







**12 Pt. Standard Sockets**

Part No.	Nom. Size	Shape	L	Ds	Dd	Bd
2106	3/16"	I	1"	15/16"	7/16"	3/32"
2107	7/32"	I	1"	11/32"	7/16"	7/64"
2108	1/4"	I	1"	3/8"	7/16"	1/8"
2109	9/32"	I	1"	7/16"	-	9/64"
2110	5/16"	II	1"	15/32"	15/32"	9/64"
2111	11/32"	II	1"	1/2"	1/2"	5/32"
2112	3/8"	II	1"	35/64"	35/64"	5/32"
2114	7/16"	II	1"	39/64"	39/64"	7/32"
2116	1/2"	II	1"	43/64"	43/64"	17/64"
2118	9/16"	II	1"	3/4"	3/4"	21/64"

Meets or exceeds ASME B107.100



**12 Pt. Deep Sockets**

Part No.	Nom. Size	Shape	L	Ds	Dd	Bd
2606	3/16"	I	2-1/32"	5/16"	7/16"	3/32"
2607	7/32"	I	2-1/32"	11/32"	7/16"	7/64"
2608	1/4"	I	2-1/32"	7/16"	-	3/16"
2609	9/32"	II	2-1/32"	15/32"	15/32"	7/32"
2610	5/16"	II	2-1/32"	15/32"	15/32"	7/32"
2611	11/32"	II	2-1/32"	1/2"	1/2"	1/4"
2612	3/8"	II	2-1/32"	35/64"	35/64"	1/4"
2614	7/16"	II	2-1/32"	39/64"	39/64"	9/32"
2616	1/2"	II	2-1/32"	43/64"	43/64"	5/16"
2618	9/16"	II	2-1/32"	3/4"	3/4"	5/16"

Meets or exceeds ASME B107.100

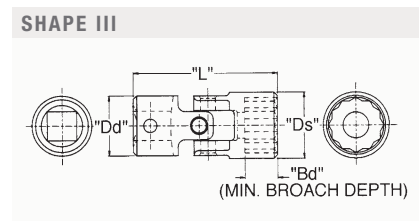
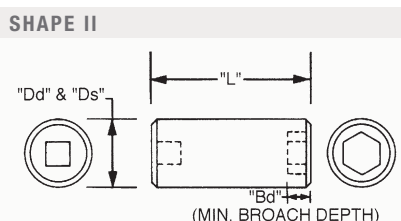
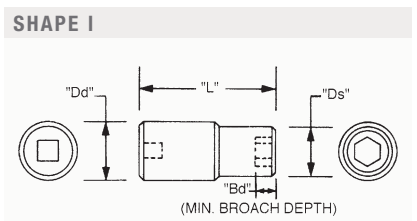


**12 Pt. Flex Sockets**

Part No.	Nom. Size	Shape	L	Ds	Dd	Bd
2708	1/4"	III	1-7/32"	3/8"	1/2"	13/64"
2710	5/16"	III	1-5/16"	15/32"	1/2"	1/4"
2712	3/8"	III	1-3/8"	35/64"	1/2"	17/64"
2714	7/16"	III	1-7/16"	39/64"	1/2"	11/32"
2716	1/2"	III	1-15/32"	43/64"	1/2"	23/64"

Meets or exceeds ASME B107.100

Wright Drive® 6 Pt. & 12 Pt. design sockets and combination wrenches give ten times more fastener contact area than conventional designs.



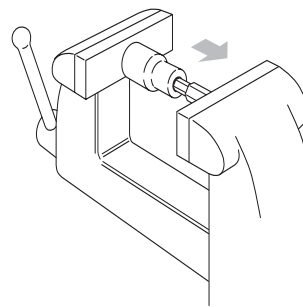
### Hex Bit Sockets and Replacement Hex Bits

Part No.	Nom. Size	Socket Dia.	Overall Length	Replacement Bit Part No.	Bit Length
2202	1/16"	1/2"	1-15/16"	2202B	1-9/16"
2203	5/64"	1/2"	1-15/16"	2203B	1-5/16"
2204	3/32"	1/2"	1-15/16"	2204B	1-5/16"
2205	7/64"	1/2"	1-15/16"	2205B	1-5/16"
2206	1/8"	1/2"	1-15/16"	2206B	1-23/64"
2207	9/64"	1/2"	1-15/16"	2207B	1-21/64"
2208	5/32"	1/2"	1-15/16"	2208B	1-11/32"
2210	3/16"	1/2"	1-15/16"	2210B	1-11/32"
2212	7/32"	1/2"	1-15/16"	2212B	1-21/64"
2214	1/4"	1/2"	1-15/16"	2214B	1-11/32"
2218	5/16"	1/2"	2-1/16"	3210B	1-29/64"

Meets or exceeds ASME B107.110

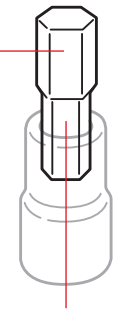


Replacement Hex Bit



The design allows easy replacement of a broken bit. After driving out the remaining piece, simply press the new bit in using a bench vise.

Nominal Bit Size



Shank

### Standard Screwdriver Sockets with Bits and Replacement Bits

Part No.	Nom. Size	Socket Dia.	Overall Length	Replacement Bit Part No.	Bit Length
2260	3/16"	1/2"	1-5/8"	2260B	1"
2261	1/4"	1/2"	1-5/8"	2261B	1"
2263	23/64"	1/2"	1-5/8"	2263B	1"

Meets or exceeds ASME B107.110



Replacement Screwdriver Bit



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.



Replacement Phillips Screwdriver Bit

## Phillips Screwdriver Sockets with Bits and Replacement Bits

Part No.	Nom. Size	Overall Length	Replacement Bit Part No.	Bit Length
2265	#1	1-5/8"	2265B	1"
2266	#2	1-5/8"	2266B	1"

Meets or exceeds ASME B107.110



Replacement Long Phillips Screwdriver Bit

## Long Phillips Screwdriver Sockets with Bits and Replacement Bits

Part No.	Nom. Size	Overall Length	Replacement Bit Part No.	Bit Length
2267	#1	2-1/8"	2267B	2"
9203	#2	2-5/8"	2268B	2"

Meets or exceeds ASME B107.110



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.



## Torx® Sockets

Part No.	Dr. Sq. Size	Shape	Head Size	L	Ds	Dd
9250	1/4"	I	E-6	1-1/16"	5/16"	1/2"
9251	1/4"	I	E-7	1-1/16"	3/8"	1/2"
9252	1/4"	I	E-8	1-1/16"	13/32"	1/2"

Meets or exceeds ASME B107.100



## Torx® Bits

Part No.	Hex Size	Shape	Bit Size	L
9271	1/4"	II	T-8	1"
9272	1/4"	II	T-10	1"
9273	1/4"	II	T-15	1"
9274	1/4"	II	T-20	1"
9275	1/4"	II	T-25	1"
9276	1/4"	II	T-27	1"
9277	1/4"	II	T-30	1"

Meets or exceeds ASME B107.100



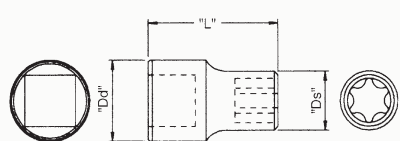
## Bit Holders

Part No.	Dr. Sq. Size	Shape	Head Size	L	Ds	Dd
9280	1/4"	III	1/4"	1"	1/2"	1/2"

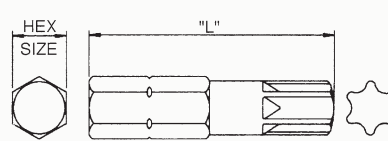
Meets or exceeds ASME B107.100



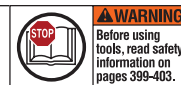
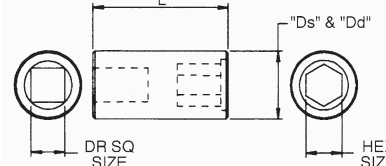
SHAPE I



SHAPE II



SHAPE III





**We Have The**

### **1/4" DRIVE**

- ✓ Smallest standard 1/4" ratchet.
- ✓ Strongest 1/4" ratchet.
- ✓ 45-tooth round head fits in tight spots.

### **3/8" AND 1/2" DRIVE**

*More Ratchet For Less with Double-Pawl Design*

- ✓ All round-head ratchets allow 41 teeth to work like 82, resulting in a 4-1/2° arc swing!
- ✓ Retains long-wearing characteristics of 41-tooth ratchet.
- ✓ Greater strength, smoother ratcheting action with less effort.
- ✓ Double-pawl repair kits standard for 3/8" and 1/2".
- ✓ Also available: heavy-duty, compact, pear-shaped, open-head ratchet with built-in spinner. Ideal for use in areas where there is heavy dirt and grime.

### **CHOICE OF 3 HANDLES!**

- ✓ Cushioned Comfort Grip
- ✓ Traditional Knurled Grip
- ✓ Ergonomically Designed, Contoured Grip
- ✓ Sturdy one-piece forged handles.
- ✓ Stronger than oval-shaped styles.

### **3/4" AND 1" DRIVE**

- ✓ Longest one-piece ratchets in the industry—up to 42".
- ✓ Compact, 45-tooth, round head fits in tight spots.
- ✓ One-piece, heavy-duty kit is easily removed for cleaning.

### **ACCESSORIES**

- ✓ Ratchet Spinners
- ✓ Extensions
- ✓ Flex Handles
- ✓ Wobble Extensions

# **WRIGHT Ratchet**<sup>TM</sup>

**For You!**

1/4"

**SOCKETS, RATCHETS & ATTACHMENTS**

**56 Pieces – 12 Pt. Standard Socket, 6 & 12 Pt. Deep Socket, 12 Pt. Flex Socket, 8 Pt. Standard Socket, Hex Bit Socket, & Phillips & Standard Screwdriver Socket with Bit Set**  
**Set No. 348**



Part No.	Description	Part No.	Description
<b>12 Pt. Standard Sockets</b>			
3108	1/4"	3122	11/16"
3110	5/16"	3124	3/4"
3112	3/8"	3126	13/16"
3114	7/16"	3128	7/8"
3116	1/2"	3130	15/16"
3118	9/16"	3132	1"
3120	5/8"		
<b>6 Pt. Deep Sockets</b>			
3508	1/4"	3510	5/16"
<b>12 Pt. Deep Sockets</b>			
3612	3/8"	3624	3/4"
3614	7/16"	3626	13/16"
3616	1/2"	3628	7/8"
3618	9/16"	3630	15/16"
3620	5/8"	3632	1"
3622	11/16"		
<b>12 Pt. Flex Sockets</b>			
3712	3/8"	3720	5/8"
3714	7/16"	3722	11/16"
3716	1/2"	3724	3/4"
3718	9/16"		
<b>8 Pt. Standard Sockets</b>			
3308	1/4"	3314	7/16"
3310	5/16"	3316	1/2"
3312	3/8"		
<b>Hex Bit Sockets</b>			
3204	1/8"	3208	1/4"
3205	5/32"	3210	5/16"
3206	3/16"	3212	3/8"
3207	7/32"		
<b>Phillips Screwdriver Socket with Bit</b>			
3266	#2	3268	#4
3267	#3		
<b>Phillips Screwdriver Socket with Bit</b>			
3260	1/4"		
<b>Attachments</b>			
3426	Ratchet	3435	Flex Handle
3403	3" Extension	3475	Universal
3405	6" Extension	3443	Sliding T
3412	12" Extension	WT528	Metal Box





### 32 Pieces – 12 Pt. Standard & Deep Socket, 8 Pt. Standard Socket & 12 Pt. Flex Sockets Set Set No. 346

Part No.	Description	Part No.	Description
<b>12 Pt. Standard Sockets</b>			
3112	3/8"	3122	11/16"
3114	7/16"	3124	3/4"
3116	1/2"	3126	13/16"
3118	9/16"	3128	7/8"
3120	5/8"		
<b>12 Pt. Deep Sockets</b>			
3612	3/8"	3622	11/16"
3614	7/16"	3624	3/4"
3616	1/2"	3626	13/16"
3618	9/16"	3628	7/8"
3620	5/8"		
<b>8 Pt. Standard Sockets</b>			
3308	1/4"	3312	3/8"
3310	5/16"		
<b>12 Pt. Flex Sockets</b>			
3714	7/16"	3720	5/8"
3716	1/2"	3724	3/4"
3718	9/16"		
<b>Hex Bit Sockets</b>			
3204	1/8"	3208	1/4"
3205	5/32"	3210	5/16"
3206	3/16"	3212	3/8"
3207	7/32"		
<b>Attachments</b>			
3426	Ratchet	3412	12" Extension
3403	3" Extension	3435	Flex Handle
3405	6" Extension	3475	Universal
98	Metal Box		



### 31 Pieces – 6 Pt. Standard & Deep Socket Set Set No. 339

Part No.	Description	Part No.	Description
<b>6 Pt. Standard Sockets</b>			
3008	1/4"	3022	11/16"
3010	5/16"	3024	3/4"
3012	3/8"	3026	13/16"
3014	7/16"	3028	7/8"
3016	1/2"	3030	15/16"
3018	9/16"	3032	1"
3020	5/8"		
<b>6 Pt. Deep Sockets</b>			
3508	1/4"	3522	11/16"
3510	5/16"	3524	3/4"
3512	3/8"	3526	13/16"
3514	7/16"	3528	7/8"
3516	1/2"	3530	15/16"
3518	9/16"	3532	1"
3520	5/8"		
<b>Attachments</b>			
3426	Ratchet	3435	Flex Handle
3403	3" Extension	3475	Universal
3405	6" Extension	98	Metal Box

**3/8"**
**SOCKETS, RATCHETS & ATTACHMENTS**


## 29 Pieces – 12 Pt. Standard & Deep Socket Set Set No. 340

Part No.	Description	Part No.	Description
<b>12 Pt. Standard Sockets</b>			
3108	1/4"	3122	11/16"
3110	5/16"	3124	3/4"
3112	3/8"	3126	13/16"
3114	7/16"	3128	7/8"
3116	1/2"	3130	15/16"
3118	9/16"	3132	1"
3120	5/8"		
<b>12 Pt. Deep Sockets</b>			
3612	3/8"	3624	3/4"
3614	7/16"	3626	13/16"
3616	1/2"	3628	7/8"
3618	9/16"	3630	15/16"
3620	5/8"	3632	1"
3622	11/16"		
<b>Attachments</b>			
3426	Ratchet	3435	Flex Handle
3403	3" Extension	3475	Universal
3405	6" Extension	98	Metal Box



## 21 Pieces – 6 Pt. Standard & Deep Socket Set Set No. 337

Part No.	Description	Part No.	Description
<b>6 Pt. Standard Sockets</b>			
3012	3/8"	3022	11/16"
3014	7/16"	3024	3/4"
3016	1/2"	3026	13/16"
3018	9/16"	3028	7/8"
3020	5/8"		
<b>6 Pt. Deep Sockets</b>			
3512	3/8"	3522	11/16"
3514	7/16"	3524	3/4"
3516	1/2"	3526	13/16"
3518	9/16"	3528	7/8"
3520	5/8"		
<b>Attachments</b>			
3426	Ratchet	3435	Flex Handle
3405	6" Extension	W416	Metal Box


**3/8"**
**SOCKETS, RATCHETS & ATTACHMENTS**






### 21 Pieces – 12 Pt. Standard & Deep Socket Set Set No. 338

Part No.	Description	Part No.	Description
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#### 12 Pt. Standard Sockets

3112	3/8"	3122	11/16"
3114	7/16"	3124	3/4"
3116	1/2"	3126	13/16"
3118	9/16"	3128	7/8"
3120	5/8"		

#### 12 Pt. Deep Sockets

3612	3/8"	3622	11/16"
3614	7/16"	3624	3/4"
3616	1/2"	3626	13/16"
3618	9/16"	3628	7/8"
3620	5/8"		

#### Attachments

3426	Ratchet	3435	Flex Handle
3405	6" Extension	W416	Metal Box



### 14 Pieces – 12 Pt. Standard Socket Set Set No. 334

Part No.	Description	Part No.	Description
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3112	3/8"	3128	7/8"
3114	7/16"	3426	Ratchet, Knurled Grip
3116	1/2"	3403	3" Extension
3118	9/16"	3412	12" Extension
3120	5/8"	3435	Flex Handle
3122	11/16"	3475	Universal
3124	3/4"	W417	Metal Box
3126	13/16"		



### 14 Pieces – 6 Pt. Standard Socket Set Set No. 335

Part No.	Description	Part No.	Description
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3012	3/8"	3028	7/8"
3014	7/16"	3426	Ratchet
3016	1/2"	3403	3" Extension
3018	9/16"	3405	6" Extension
3020	5/8"	3435	Flex Handle
3022	11/16"	3475	Universal
3024	3/4"	W408	Metal Box
3026	13/16"		





**13 Pieces – 6 Pt. Standard Socket Set Set No. 329**

Part No.	Description	Part No.	Description
3012	3/8"	3026	13/16"
3014	7/16"	3028	7/8"
3016	1/2"	3426	Ratchet
3018	9/16"	3405	6" Extension
3020	5/8"	3435	Flex Handle
3022	11/16"	3475	Universal
3024	3/4"	W408	Metal Box



**13 Pieces – 12 Pt. Standard Socket Set Set No. 330**

Part No.	Description	Part No.	Description
3112	3/8"	3126	13/16"
3114	7/16"	3128	7/8"
3116	1/2"	3426	Ratchet
3118	9/16"	3405	6" Extension
3120	5/8"	3435	Flex Handle
3122	11/16"	3475	Universal
3124	3/4"	W408	Metal Box



**11 Pieces – 6 Pt. Standard Socket Set Set No. 327**

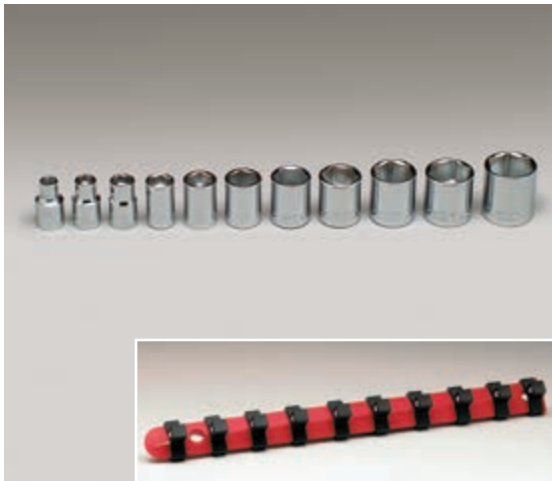
Part No.	Description	Part No.	Description
3012	3/8"	3024	3/4"
3014	7/16"	3026	13/16"
3016	1/2"	3028	7/8"
3018	9/16"	3426	Ratchet
3020	5/8"	3405	6" Extension
3022	11/16"	W408	Metal Box





**11 Pieces – 12 Pt. Standard Socket Set Set No. 328**

Part No.	Description	Part No.	Description
3112	3/8"	3124	3/4"
3114	7/16"	3126	13/16"
3116	1/2"	3128	7/8"
3118	9/16"	3426	Ratchet
3120	5/8"	3405	6" Extension
3122	11/16"	W408	Metal Box



**11 Pieces – 6 Pt. Standard Socket Set Set No. 312**

Part No.	Description	Part No.	Description
3008	1/4"	3022	11/16"
3010	5/16"	3024	3/4"
3012	3/8"	3026	13/16"
3014	7/16"	3028	7/8"
3016	1/2"	W010	Rail
3018	9/16"	W3	11 Clips
3020	5/8"		



**9 Pieces – 6 Pt. Deep Socket Set Set No. 304**

Part No.	Description	Part No.	Description
3512	3/8"	3524	3/4"
3514	7/16"	3526	13/16"
3516	1/2"	3528	7/8"
3518	9/16"	W010	Rail
3520	5/8"	W3	9 Clips
3522	11/16"		



## 10 Pieces – 12 Pt. Standard Socket Set Set No. 378

Part No.	Description	Part No.	Description
3110	5/16"	3122	11/16"
3112	3/8"	3124	3/4"
3114	7/16"	3126	13/16"
3116	1/2"	3128	7/8"
3118	9/16"	W010	Rail
3120	5/8"	W3	10 Clips



## 9 Pieces – 12 Pt. Deep Socket Set Set No. 300

Part No.	Description	Part No.	Description
3612	3/8"	3624	3/4"
3614	7/16"	3626	13/16"
3616	1/2"	3628	7/8"
3618	9/16"	W010	Rail
3620	5/8"	W3	9 Clips
3622	11/16"		



## 11 Pieces – 8 Pt. Standard Socket Set Set No. 379

Part No.	Description	Part No.	Description
3308	1/4"	3322	11/16"
3310	5/16"	3324	3/4"
3312	3/8"	3326	13/16"
3314	7/16"	3328	7/8"
3316	1/2"	W010	Rail
3318	9/16"	W3	11 Clips
3320	5/8"		



3/8"

SOCKETS, RATCHETS & ATTACHMENTS





3/8"

**SOCKETS, RATCHETS & ATTACHMENTS**



**7 Pieces – Hex Bit Socket Set  
Set No. 305**

Part No.	Description	Part No.	Description
3204	1/8"	3210	5/16"
3205	5/32"	3212	3/8"
3206	3/16"	W008	Rail
3207	7/32"	W3	7 Clips
3208	1/4"		

**10 Pieces – 3/8" & 1/2" Drive  
Hex Bit Socket Set  
Set No. 311**



Part No.	Description	Part No.	Description
<b>3/8" Drive Hex Bit Sockets</b>			
3204	1/8"	3208	1/4"
3205	5/32"	3210	5/16"
3206	3/16"	3212	3/8"
3207	7/32"		
<b>1/2" Drive Hex Bit Sockets</b>			
4216	1/2"	W010	Rail
4218	9/16"	W3	7 Clips
4220	5/8"	W4	3 Clips



**7 Piece – Long Length Hex Bit Socket Set  
Set No. 316**

Part No.	Description	Part No.	Description
32L04	1/8"	32L08	1/4"
32L05	5/32"	32L10	5/16"
32L06	3/16"	32L12	3/8"
32L07	7/32"	W008	Rail
W3	7 Clips		



### 7 Pieces – 8 Pt. Flex Socket Set Set No. 308

Part No.	Description	Part No.	Description
3712	3/8"	3722	11/16"
3714	7/16"	3724	3/4"
3716	1/2"	W008	Rail
3718	9/16"	W3	7 Clips
3720	5/8"		



### 5 Pieces – Screwdriver Socket Set Set No. 306

Part No.	Description	Part No.	Description
3266	Phillips No. 2	3262	3/8" Blade
3267	Phillips No. 3	W3	5 Clips
3268	Phillips No. 4	W008	Rail
3260	1/4" Blade		


**3/8"**
**SOCKETS, RATCHETS & ATTACHMENTS**



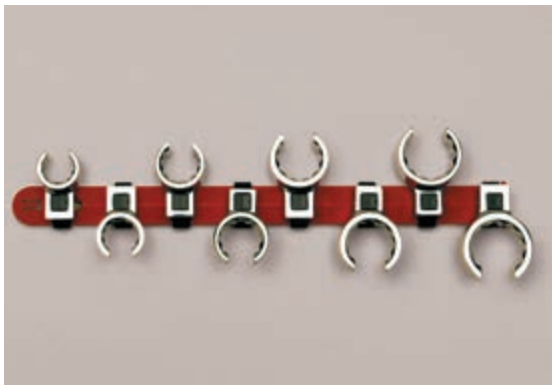

## 10 Pieces – Crowfoot Wrench Set Set No. 700

Part No.	Description	Part No.	Description
1012	3/8"	1024	3/4"
1014	7/16"	1026	13/16"
1016	1/2"	1028	7/8"
1018	9/16"	1032	1"
1020	5/8"	W010	Rail
1022	11/16"	W3	10 Clips



## 10 Pieces – Metric Crowfoot Wrench Set Set No. 701

Part No.	Description	Part No.	Description
10-10mm	10mm	10-16mm	16mm
10-11mm	11mm	10-17mm	17mm
10-12mm	12mm	10-18mm	18mm
10-13mm	13mm	10-19mm	19mm
10-14mm	14mm	W110	Rail
10-15mm	15mm	W3	10 Clips



## 8 Pieces – Flare Nut <sup>(12)</sup>Pt. Crowfoot Wrench Set Set No. 702

Part No.	Description	Part No.	Description
1060	5/8"	1070	15/16"
1062	11/16"	1072	1"
1064	3/4"	1074	1-1/16"
1066	13/16"	W010	Rail
1068	7/8"	W3	8 Clips

3/8"

SOCKETS, RATCHETS & ATTACHMENTS



## 27 Pieces – 6 Pt. Standard & Deep Metric Socket Set Set No. 377

Part No.	Description	Part No.	Description
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### 6 Pt. Standard Metric Sockets

30-06mm	6mm	30-13mm	13mm
30-07mm	7mm	30-14mm	14mm
30-08mm	8mm	30-15mm	15mm
30-09mm	9mm	30-16mm	16mm
30-10mm	10mm	30-17mm	17mm
30-11mm	11mm	30-18mm	18mm
30-12mm	12mm </td <td>30-19mm</td> <td>19mm</td>	30-19mm	19mm

### 12 Pt. Deep Metric Sockets

35-10mm	10mm	35-15mm	15mm
35-11mm	11mm	35-16mm	16mm
35-12mm	12mm	35-17mm	17mm
35-13mm	13mm	35-18mm	18mm
35-14mm	14mm	35-19mm	19mm

### Attachments

3426	Ratchet	3435	Flex Handle
3405	6" Extension	W316	Metal Box



## 19 Pieces – 6 & 12 Pt. Standard Metric Socket Set Set No. 364

Part No.	Description	Part No.	Description
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### 6 Pt. Standard Metric Sockets

30-06mm	6mm	30-07mm	7mm
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### 12 Pt. Standard Metric Sockets

31-08mm	8mm	31-14mm	14mm
31-09mm	9mm	31-15mm	15mm
31-10mm	10mm	31-16mm	16mm
31-11mm	11mm	31-17mm	17mm
31-12mm	12mm	31-18mm	18mm
31-13mm	13mm	31-19mm	19mm

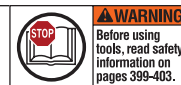
### Attachments

3426	Ratchet	3435	Flex Handle
3403	3" Extension	3475	Universal
3412	12" Extension	W417	Metal Box



3/8"

SOCKETS, RATCHETS & ATTACHMENTS







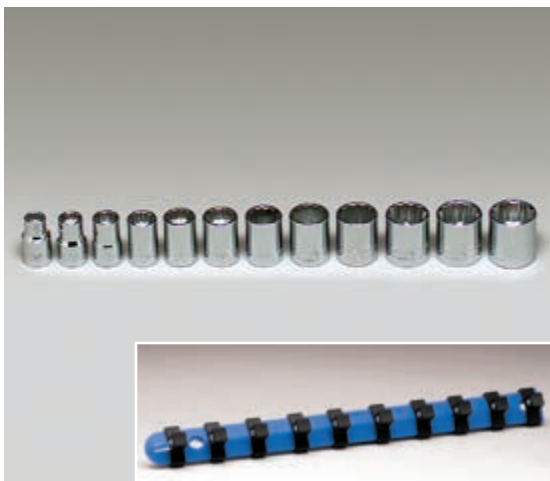
## 17 Pieces – ⑥ Pt. Standard Metric Socket Set Set No. 366

Part No.	Description	Part No.	Description
30-06mm	6mm	30-15mm	15mm
30-07mm	7mm	30-16mm	16mm
30-08mm	8mm	30-17mm	17mm
30-09mm	9mm	30-18mm	18mm
30-10mm	10mm	30-19mm	19mm
30-11mm	11mm	3426	Ratchet
30-12mm	12mm	3405	6" Extension
30-13mm	13mm	3435	Flex Handle
30-14mm	14mm	W409	Metal Box



## 14 Pieces – ⑥ Pt. Standard Metric Socket Set Set No. 367

Part No.	Description	Part No.	Description
30-06mm	6mm	30-14mm	14mm
30-07mm	7mm	30-15mm	15mm
30-08mm	8mm	30-16mm	16mm
30-09mm	9mm	30-17mm	17mm
30-10mm	10mm	3426	Ratchet
30-11mm	11mm	3403	3" Extension
30-12mm	12mm	W409	Metal Box
30-13mm	13mm		



## 12 Pieces – ⑫ Pt. Standard Metric Socket Set Set No. 349

Part No.	Description	Part No.	Description
31-08mm	8mm	31-15mm	15mm
31-09mm	9mm	31-16mm	16mm
31-10mm	10mm	31-17mm	17mm
31-11mm	11mm	31-18mm	18mm
31-12mm	12mm	31-19mm	19mm
31-13mm	13mm	W110	Rail
31-14mm	14mm	W3	12 Clips

3/8"

SOCKETS, RATCHETS & ATTACHMENTS



3/8"

SOCKETS, RATCHETS & ATTACHMENTS

### 14 Pieces – 6 Pt. Standard Metric Socket Set Set No. 354

Part No.	Description	Part No.	Description
30-06mm	6mm	30-14mm	14mm
30-07mm	7mm	30-15mm	15mm
30-08mm	8mm	30-16mm	16mm
30-09mm	9mm	30-17mm	17mm
30-10mm	10mm	30-18mm	18mm
30-11mm	11mm	30-19mm	19mm
30-12mm	12mm	W110	Rail
30-13mm	13mm	W3	14 Clips



### 14 Pieces – 6 Pt. Deep Metric Socket Set Set No. 355

Part No.	Description	Part No.	Description
35-06mm	6mm	35-14mm	14mm
35-07mm	7mm	35-15mm	15mm
35-08mm	8mm	35-16mm	16mm
35-09mm	9mm	35-17mm	17mm
35-10mm	10mm	35-18mm	18mm
35-11mm	11mm	35-19mm	19mm
35-12mm	12mm	W110	Rail
35-13mm	13mm	W3	14 Clips



### 8 Pieces – Hex Bit Metric Socket Set Set No. 353

Part No.	Description	Part No.	Description
32-02mm	2mm	32-06mm	6mm
32-02.5mm	2.5mm	32-08mm	8mm
32-03mm	3mm	32-10mm	10mm
32-04mm	4mm	W108	Rail
32-05mm	5mm	W3	8 Clips



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.



3/8"

SOCKETS, RATCHETS & ATTACHMENTS

## 9 Pieces – 3/8" & 1/2" Drive Hex Bit Metric Socket Set Set No. 360



Part No.	Description	Part No.	Description
32-04mm	4mm	42-12mm	12mm
32-05mm	5mm	42-14mm	14mm
32-06mm	6mm	42-17mm	17mm
32-07mm	7mm	W110	Rail
32-08mm	8mm	W3	6 Clips
32-10mm	10mm	W4	3 Clips



## 5 Piece – Long Length Metric Hex Bit Socket Set Set No. 361

Part No.	Description	Part No.	Description
32L-04mm	4mm	32L10mm	10mm
32L-05mm	5mm	WT108	Rail
32L-06mm	6mm	W3	5 Clips
32L-08mm	8mm		



## 8 Pieces – 6 Pt. Standard Impact Socket Set Set No. 313

Part No.	Description	Part No.	Description
3810	5/16"	3820	5/8"
3812	3/8"	3822	11/16"
3814	7/16"	3824	3/4"
3816	1/2"	W008	Rail
3818	9/16"	W3	8 Clips



Always use a Ret Ring® when working with impact products.



3/8"  
SOCKETS, RATCHETS & ATTACHMENTS

## 8 Pieces – 6 Pt. Deep Impact Socket Set Set No. 314

Part No.	Description	Part No.	Description
3910	5/16"	3920	5/8"
3912	3/8"	3922	11/16"
3914	7/16"	3924	3/4"
3916	1/2"	W008	Rail
3918	9/16"	W3	8 Clips



## 7 Pieces – Impact Hex-Bit Socket Set Set No. 362

Part No.	Description	Part No.	Description
32B04	1/8"	32B10	5/16"
32B05	5/32"	32B12	3/8"
32B06	3/16"	W008	Rail
32B07	7/32"	W3	7 Clips
32B08	1/4"		



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**WARNING**  
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**WARNING**  
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**WARNING**  
Comfort or plastic grips do not protect against electric shock.



3/8"

SOCKETS, RATCHETS & ATTACHMENTS



## 7 Pieces – 6 Pt. Standard Universal Power Socket Set Set No. 332

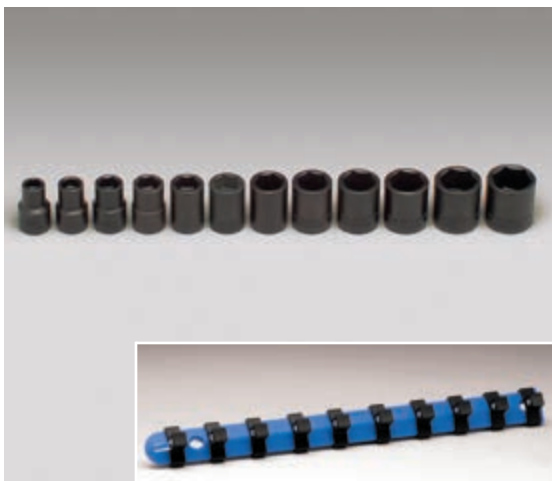
Part No.	Description	Part No.	Description
3852	3/8"	3862	11/16"
3854	7/16"	3864	3/4"
3856	1/2"	W008	Rail
3858	9/16"	W3	7 Clips
3860	5/8"		



## 7 Pieces – 6 Pt. Deep Universal Power Socket Set Set No. 333

Part No.	Description	Part No.	Description
3952	3/8"	3962	11/16"
3954	7/16"	3964	3/4"
3956	1/2"	W008	Rail
3958	9/16"	W3	7 Clips
3960	5/8"		

Guarantee does not apply



## 12 Pieces – 6 Pt. Standard Impact Metric Socket Set Set No. 356

Part No.	Description	Part No.	Description
38-08mm	8mm	38-15mm	15mm
38-09mm	9mm	38-16mm	16mm
38-10mm	10mm	38-17mm	17mm
38-11mm	11mm	38-18mm	18mm
38-12mm	12mm	38-19mm	19mm
38-13mm	13mm	W110	Rail
38-14mm	14mm	W3	12 Clips

Guarantee does not apply



Always use a Ret Ring® when working with impact products.



3/8"

SOCKETS, RATCHETS & ATTACHMENTS

## 9 Pieces – Metric Impact Hex-Bit Socket Set Set No. 363

Part No.	Description	Part No.	Description
32B-02mm	2mm	32B-07mm	7mm
32B-02.5mm	2.5mm	32B-08mm	8mm
32B-03mm	3mm	32B-10mm	10mm
32B-04mm	4mm	W108	Rail
32B-05mm	5mm	W3	9 Clips
32B-06mm	6mm		



## 5 Pieces – 6 Pt. Standard Metric Universal Power Socket Set Set No. 351

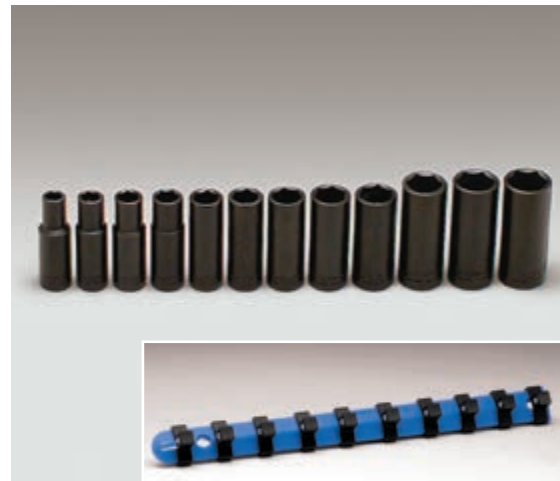
Part No.	Description	Part No.	Description
38-50mm	10mm	38-55mm	15mm
38-52mm	12mm	W108	Rail
38-53mm	13mm	W3	5 Clips
38-54mm	14mm		

Guarantee does not apply



## 12 Pieces – 6 Pt. Deep Impact Metric Socket Set Set No. 357

Part No.	Description	Part No.	Description
39-08mm	8mm	39-15mm	15mm
39-09mm	9mm	39-16mm	16mm
39-10mm	10mm	39-17mm	17mm
39-11mm	11mm	39-18mm	18mm
39-12mm	12mm	39-19mm	19mm
39-13mm	13mm	W110	Rail
39-14mm	14mm	W3	12 Clips



Always use a Ret Ring® when working with impact products.



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
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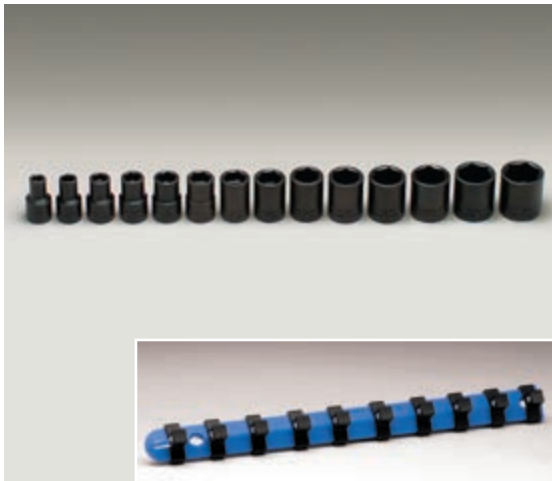


**WARNING**  
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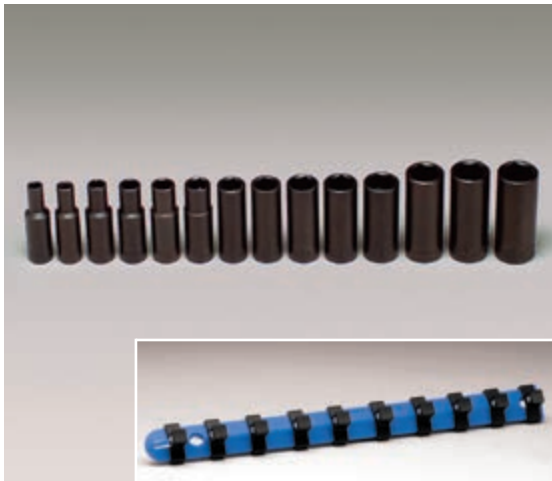
3/8"

SOCKETS, RATCHETS & ATTACHMENTS



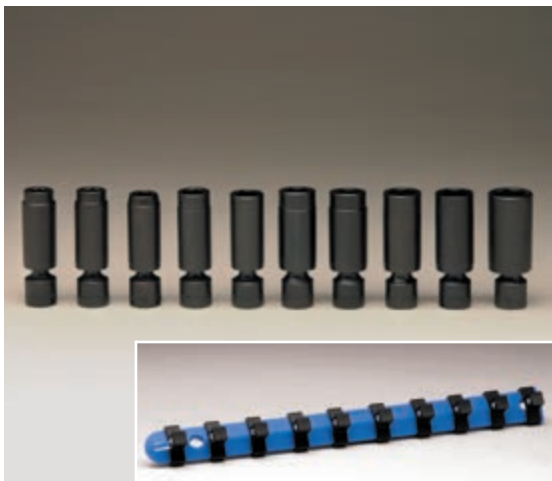
## 14 Pieces – ⑥ Pt. Standard Impact Metric Socket Set Set No. 359

Part No.	Description	Part No.	Description
38-06mm	6mm	38-14mm	14mm
38-07mm	7mm	38-15mm	15mm
38-08mm	8mm	38-16mm	16mm
38-09mm	9mm	38-17mm	17mm
38-10mm	10mm	38-18mm	18mm
38-11mm	11mm	38-19mm	19mm
38-12mm	12mm	W113	Rail
38-13mm	13mm	W3	14 Clips



## 14 Pieces – ⑥ Pt. Deep Impact Metric Socket Set Set No. 358

Part No.	Description	Part No.	Description
39-06mm	6mm	39-14mm	14mm
39-07mm	7mm	39-15mm	15mm
39-08mm	8mm	39-16mm	16mm
39-09mm	9mm	39-17mm	17mm
39-10mm	10mm	39-18mm	18mm
39-11mm	11mm	39-19mm	19mm
39-12mm	12mm	W113	Rail
39-13mm	13mm	W3	14 Clips



## 10 Pieces – ⑥ Pt. Deep Impact Metric Universal Socket Set Set No. 352

Part No.	Description	Part No.	Description
39-50mm	10mm	39-56mm	16mm
39-51mm	11mm	39-57mm	17mm
39-52mm	12mm	39-58mm	18mm
39-53mm	13mm	39-59mm	19mm
39-54mm	14mm	W113	Rail
39-55mm	15mm	W3	10 Clips

Guarantee does not apply



Always use a Ret Ring® when working with impact products.

**Ratchets**

**Two Head Styles – Round and Pear Shape**

**Round**

Our standard round head handles have 41 precision machined teeth. The double pawl kits used in all handles (Comfort Grip – Nitrile and Contour design steel) gives exceptionally long life. Allowing the 41 teeth to operate as an 82 tooth action and a 4-1/2° arc swing, while retaining the longer wearing characteristics of 41 teeth.

**Pear**

One-Piece Drop forging – two moving parts, contour handle, built-in spinner. Our pear-shaped ratchet is a compact open-head design with contour steel handle. The heavy 30 tooth knurl acts as a spinner, and is easily cleanable in high dirt situations. The unique design also allows for special application.



3400



3426



3425



3427



3428



3429



3440



3433



3430



3480



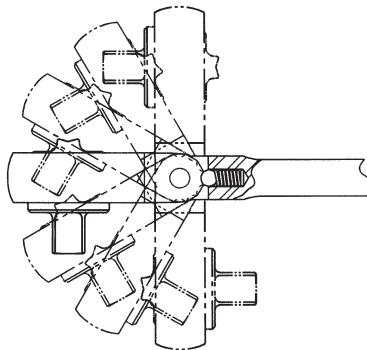
3482



3490



33426



Seven Place Indexing  
Flex Head 3427,  
3428, 3429, 3440



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.





Part No.	Description	Overall Length	Swing Arc	No. of Teeth	Head Diameter	Renewal Kit No.
3400	Nitrile Comfort Grip—Double Pawl	7-1/32"	1-1/4"	41	1-1/4"	3491
3425	Long Contour Handle—Double Pawl	10"	1-3/4"	41	1-1/4"	3491
3426	Knurled Grip—Double Pawl	7"	1-1/4"	41	1-1/4"	3491
3427	Knurled Grip, Flex Head—Double Pawl	9-11/16"	1-1/2"	41	1-1/4"	3491
3428	Nitrile Comfort Grip, Flex Head—Double Pawl	10-3/4"	1-3/4"	41	1-1/4"	3491
3429	Nitrile Comfort Grip, Bent Flex Head Ergonomic Double Offset—Double Pawl	10-3/4"	1-3/4"	41	1-1/4"	3491
3430	Compact—Palm Size for Low Torque Application—Single Pawl. About 30 ft. lbs.	4-3/4"	3/4"	45	27/32"	3432
3433	Knurled Handle, Raised Cap, Lineman's Ratchet—Double Pawl	7"	1-1/4"	41	1-1/4"	3434
3440	Compact—Palm Size Flex Head for Low Torque Application—Single Pawl	5-1/2"	1"	45	27/32"	3432
3480	Pear-Shaped Open Head—Single Pawl	7-7/8"	2-1/4"	30	1-1/8"	3481
3482	Pear-Shaped Open Head Combination 3/8" and 1/4" Drives (crew chief ratchet)	7-7/8"	2-1/4"	30	1-1/8"	3483
3490	Contour Handle—Double Pawl	7-1/32"	1-1/4"	41	1-1/4"	3491
33426	Black Knurled Grip—Double Pawl	7"	1-1/4"	41	1-1/4"	3491

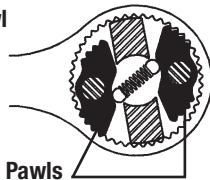
Double Pawl allows 41 teeth to operate with 82 tooth action and a 4-1/2° arc swing.

Wright Tool gives you several handle and head styles to fit the toughest job application.

Drop forged from 4140 chrome moly steel, our smallest ratchet, at 4-3/4" to our longest at 11", we have a ratchet to fit your needs.

Meets or exceeds ASME B107.110

### Premium Double Pawl



### Renewal Kits

Simple one-piece construction. Makes cleaning or repair simple. Clean and lubricate with light oil only.

Part No.	Description
33491	For 33426
3432	For 3430, 3440 Ratchets
3481	For 3480 Ratchet
3483	For 3482 Ratchet
3491	For 3400, 3425, 3426, 3427, 3428, 3429, 3490, Ratchets (Double Pawl)
3434	For 3433

NOTE: When cleaning your ratchet lubricate with light oil only.





### Ratchet Spinner

One piece. Easy to use.



Part No.	Overall Description
3431	For all 3/8" Drive Ratchets – 1-1/4" Length

Meets or exceeds ASME B107.110

### Flex Handles

Steel pin and tension washer construction for extra strength. No binding or locked joints.

Part No.	Overall Description	Length
3435	Knurled Steel Handle	8-15/32"
3438	Nitrile Handle	9-11/16"
3439	Contour Handle	10-3/4"

Meets or exceeds ASME B107.110



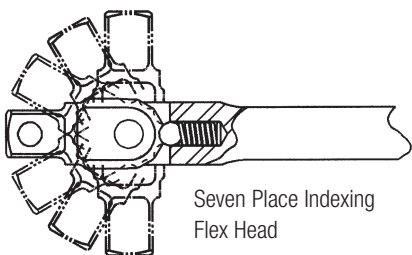
3435



3438



3439



Mechanics who are known by the quality of their tools appreciate the quality of **Wright tools!**



**WARNING**  
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**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.



## Extensions

Part No.	Overall Description
3402	1-1/2"
3403	3"
3405	6"
3408	8"
3412	12"
3424	24"
3422	34" Extra Long

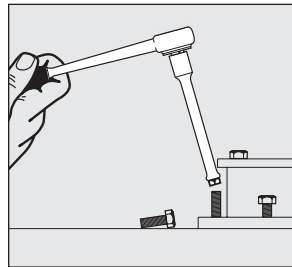
Meets or exceeds ASME B107.110



## Wobble Extensions, 16°

Part No.	Overall Description
3409	1-1/2"
3410	3"
3411	6"

Meets or exceeds ASME B107.110



## Sliding T

Head held in place by friction ball—allows easy movement to ends of bar with no overhang. Works in tighter places.

Part No.	Overall Description
3443	Sliding T – 7"

Meets or exceeds ASME B107.110



### Adaptors

Permits interchange of handles, sockets, and drive tools from one size to another. Not replaced if square ends are twisted off.

Part No.	Description	Length
3452	3/8" F x 1/4" M	1-1/16"
3454	3/8" F x 1/2" M	1-3/8"

Meets or exceeds ASME B107.110  
Guarantee does not apply



3452



3454

### Locking Adaptor

Part No.	Description
3413	Set screw – locking adaptor 3/8" F x 3/8" M, 2-1/16" long

Meets or exceeds ASME B107.110



### Speeder

Part No.	Description
3445L	Speeder 21" long

Meets or exceeds ASME B107.110



**WARNING**  
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**WARNING**  
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**WARNING**  
Comfort or plastic grips do not protect against electric shock.



3/8"

SOCKETS, RATCHETS & ATTACHMENTS



## Universal

Built-in spring tension for easy application to the nut. No binding or locked joints. No sharp corners.

Part No.	Description
3475	Universal

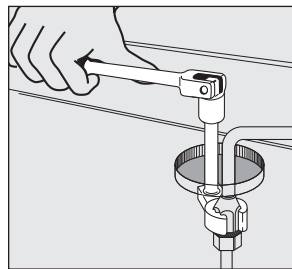
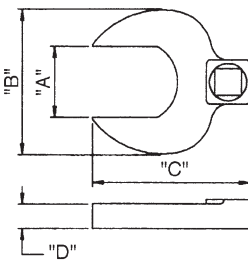
Meets or exceeds ASME B107.110



## Crowfoot Wrenches, Open End

Part No.	A Nom. Size	B	C	D
1012	3/8"	3/4"	1-1/8"	13/64"
1014	7/16"	7/8"	1-1/4"	13/64"
1016	1/2"	31/32"	1-3/8"	1/4"
1018	9/16"	1-1/8"	1-1/2"	1/4"
1020	5/8"	1-1/4"	1-19/32"	5/16"
1022	11/16"	1-11/32"	1-23/32"	21/64"
1024	3/4"	1-17/32"	1-13/16"	21/64"
1026	13/16"	1-19/32"	1-15/16"	21/64"
1028	7/8"	1-3/4"	2"	11/32"
1032	1"	2-1/16"	2-1/4"	11/32"

Meets or exceeds ASME B107.100



## Metric Crowfoot Wrenches, Open End

Part No.	A Nom. Size	B	C	D
10-10mm	10mm	19.84	30.16	5.16
10-11mm	11mm	22.23	32.15	5.16
10-12mm	12mm	24.60	34.93	6.35
10-13mm	13mm	24.60	34.93	6.35
10-14mm	14mm	29.37	34.13	6.35
10-15mm	15mm	29.37	38.89	7.14
10-16mm	16mm	31.75	41.28	8.33
10-17mm	17mm	35.32	42.86	8.33
10-18mm	18mm	35.32	44.45	8.33
10-19mm	19mm	39.69	45.24	8.73

Meets or exceeds ASME B107.100



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.

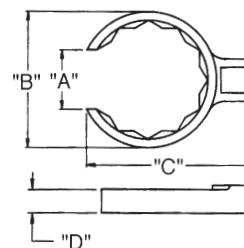
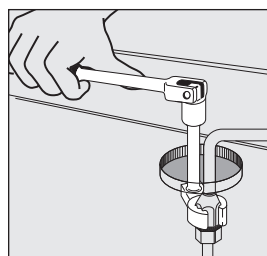


**WARNING**  
Comfort or plastic grips do not protect against electric shock.

### Crowfoot Wrenches – Flare Nut Pt.

Part No.	Nom. Size	A Width of Slot	B Dia. of Head	C Length	D Width of Head
1060	5/8"	15/32"	15/16"	47/64"	11/16"
1062	11/16"	17/32"	1-1/32"	25/32"	11/16"
1064	3/4"	9/16"	1-1/8"	53/64"	23/32"
1066	13/16"	5/8"	1-13/64"	7/8"	23/32"
1068	7/8"	11/16"	1-19/64"	15/16"	3/4"
1070	15/16"	25/32"	1-3/8"	15/16"	3/4"
1072	1"	3/4"	1-29/64"	1-1/64"	25/32"
1074	1-1/16"	25/32"	1-17/32"	1-3/64"	25/32"

Meets or exceeds ASME B107.100



### Impact Universal Joint

Part No.	Description	Overall Length
3800	Universal (Pin Lock)	2-7/16" (Pin Lock)

Meets or exceeds ASME B107.110



### Impact Adaptor

Part No.	Description	Length
3899	3/8" F x 1/2" M	1-3/8"

Guarantee does not apply  
Meets or exceeds ASME B107.110



### Impact Extensions

Part No.	Description
3903	3" Extension (Ball)
3906	6" Extension (Ball)
3908	12" Extension (Ball)

Meets or exceeds ASME B107.110



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.



**6 Pt. Standard Sockets**

Part No.	Nom. Size	Shape	L	Ds	Dd	Bd
3008	1/4"	I	15/16"	7/16"	21/32"	1/8"
3010	5/16"	I	15/16"	15/32"	21/32"	9/64"
3012	3/8"	I	15/16"	37/64"	21/32"	5/32"
3014	7/16"	II	15/16"	41/64"	41/64"	7/32"
3016	1/2"	II	1"	23/32"	23/32"	17/64"
3018	9/16"	II	1"	49/64"	49/64"	21/64"
3020	5/8"	II	1"	55/64"	55/64"	3/8"
3022	11/16"	II	1"	15/16"	15/16"	3/8"
3024	3/4"	II	1-1/8"	1"	1"	7/16"
3026	13/16"	II	1-1/8"	1-5/64"	1-5/64"	1/2"
3028	7/8"	II	1-9/32"	1-9/64"	1-9/64"	11/16"
3030	15/16"	II	1-3/8"	1-1/4"	1-1/4"	47/64"
3032	1"	II	1-3/8"	1-5/16"	1-5/16"	23/32"

Meets or exceeds ASME B107.110

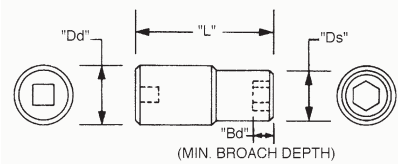


**6 Pt. Standard Metric Sockets**

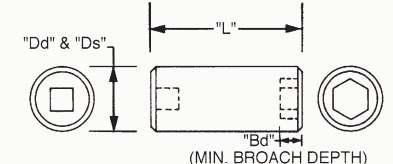
Part No.	Nom. Size	Shape	L	Ds	Dd	Bd
30-06mm	6mm	I	24.13	10.16	15.88	3.96
30-07mm	7mm	I	24.13	10.98	15.88	3.96
30-08mm	8mm	I	24.13	12.17	15.88	5.16
30-09mm	9mm	I	25.13	13.46	15.88	5.56
30-10mm	10mm	II	24.13	15.11	15.11	5.94
30-11mm	11mm	II	24.13	15.88	15.88	7.14
30-12mm	12mm	II	24.13	17.48	17.48	7.95
30-13mm	13mm	II	24.13	18.29	18.29	7.95
30-14mm	14mm	II	24.13	19.43	19.43	9.93
30-15mm	15mm	II	24.13	20.57	20.57	9.93
30-16mm	16mm	II	25.40	22.23	22.23	10.31
30-17mm	17mm	II	25.40	23.37	23.37	9.93
30-18mm	18mm	II	25.40	24.61	24.61	10.31
30-19mm	19mm	II	25.40	25.40	25.40	11.91

Meets or exceeds ASME B107.110

SHAPE I



SHAPE II



## 6 Pt. Deep Sockets

Part No.	Nom. Size	Shape	L	Ds	Dd	Bd
3508	1/4"	I	2-7/32"	13/32"	5/8"	5/32"
3510	5/16"	I	2-7/32"	15/32"	5/8"	5/32"
3512	3/8"	I	2-1/2"	9/16"	21/32"	5/32"
3514	7/16"	II	2-1/2"	41/64"	41/64"	7/32"
3516	1/2"	II	2-1/2"	23/32"	23/32"	17/64"
3518	9/16"	II	2-1/2"	51/64"	51/64"	11/32"
3520	5/8"	II	2-1/2"	7/8"	7/8"	3/8"
3522	11/16"	II	2-1/2"	61/64"	61/64"	3/8"
3524	3/4"	II	2-3/4"	1"	1"	1-23/32"
3526	13/16"	II	2-3/4"	1-1/16"	1-1/16"	1-61/64"
3528	7/8"	II	2-7/8"	1-9/64"	1-9/64"	2-1/4"
3530	15/16"	II	3-3/64"	1-1/4"	1-1/4"	2-13/32"
3532	1"	II	3-3/64"	1-5/16"	1-5/16"	2-3/8"



Meets or exceeds ASME B107.110

## 6 Pt. Deep Metric Sockets

Part No.	Nom. Size	Shape	L	Ds	Dd	Bd
35-06mm	6mm	I	53.98	10.29	16.51	3.96
35-07mm	7mm	I	53.98	11.05	16.51	3.96
35-08mm	8mm	I	53.98	11.94	16.51	4.78
35-09mm	9mm	I	53.98	12.95	16.51	5.94
35-10mm	10mm	I	53.98	14.73	16.51	5.94
35-11mm	11mm	II	53.98	16.51	16.51	7.14
35-12mm	12mm	II	53.98	17.78	17.78	7.95
35-13mm	13mm	II	53.98	18.42	18.42	7.95
35-14mm	14mm	II	54.36	19.94	19.94	9.93
35-15mm	15mm	II	69.85	21.97	21.97	9.93
35-16mm	16mm	II	69.85	22.10	22.10	9.93
35-17mm	17mm	II	69.85	23.75	23.75	9.93
35-18mm	18mm	II	69.85	24.31	24.31	48.43
35-19mm	19mm	II	69.85	25.53	25.53	48.86

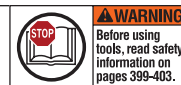


Meets or exceeds ASME B107.110

Refer to socket dimensional drawings on page 141.

3/8"

SOCKETS, RATCHETS & ATTACHMENTS







### ⑥ Pt. Spark Plug Holding Sockets

Part No.	Nom. Size	Shape	L	Ds	Dd	Bd
3588	18mm Spark Plug Holding	I	2-1/2"	31/32"	3/4" Hex	1-1/2"
3590	5/8" Spark Plug Holding	I	2-1/2"	7/8"	3/4" Hex	1-15/32"
3596	13/16" Spark Plug Holding	I	2-5/8"	1-1/16"	7/8" Hex	1-21/32"

Meets or exceeds ASME B107.110



### ⑧ Pt. Standard Sockets

Part No.	Nom. Size	Shape	L	Ds	Dd	Bd
3308	1/4"	I	1-5/64"	15/32"	5/8"	1/8"
3310	5/16"	I	1-5/64"	9/16"	5/8"	9/64"
3312	3/8"	II	1-5/64"	5/8"	5/8"	5/32"
3314	7/16"	II	1-5/64"	3/4"	3/4"	7/32"
3316	1/2"	II	1-5/64"	13/16"	13/16"	17/64"
3318	9/16"	II	1-5/64"	15/16"	15/16"	21/64"
3320	5/8"	II	1-5/64"	1-1/16"	1-1/16"	3/8"
3322	11/16"	II	1-5/64"	1-9/64"	1-9/64"	15/32"
3324	3/4"	II	1-5/64"	1-13/64"	1-13/64"	17/32"
3326	13/16"	II	1-7/32"	1-19/64"	1-19/64"	35/64"
3328	7/8"	II	1-5/16"	1-3/8"	1-3/8"	39/64"

Meets or exceeds ASME B107.110



**12 Pt. Standard Sockets**

Part No.	Nom. Size	Shape	L	Ds	Dd	Bd
3108	1/4"	I	15/16"	13/32"	5/8"	1/8"
3110	5/16"	I	15/16"	15/32"	21/32"	9/64"
3112	3/8"	I	15/16"	37/64"	21/32"	5/32"
3114	7/16"	II	15/16"	41/64"	41/64"	7/32"
3116	1/2"	II	1"	23/32"	23/32"	17/64"
3118	9/16"	II	1"	49/64"	49/64"	21/64"
3120	5/8"	II	1"	55/64"	55/64"	3/8"
3122	11/16"	II	1"	15/16"	15/16"	3/8"
3124	3/4"	II	1-1/8"	1"	1"	7/16"
3126	13/16"	II	1-1/8"	1-5/64"	1-5/64"	29/64"
3128	7/8"	II	1-9/32"	1-9/64"	1-9/64"	11/16"
3130	15/16"	II	1-3/8"	1-1/4"	1-1/4"	47/64"
3132	1"	II	1-3/8"	1-5/16"	1-5/16"	23/32"



Meets or exceeds ASME B107.110

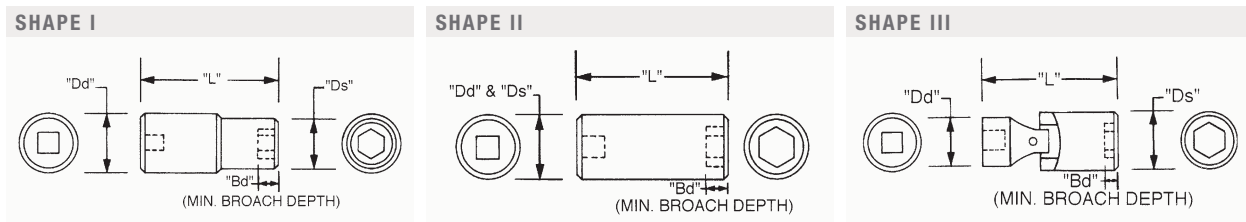
**12 Pt. Standard Metric Sockets**

Part No.	Nom. Size	Shape	L	Ds	Dd	Bd
31-08mm	8mm	I	24.13	12.17	15.88	3.96
31-09mm	9mm	I	24.13	13.46	15.88	4.37
31-10mm	10mm	II	24.13	15.11	15.11	4.78
31-11mm	11mm	II	24.13	15.88	15.88	5.94
31-12mm	12mm	II	24.13	17.48	17.48	6.35
31-13mm	13mm	II	24.13	18.29	18.29	7.95
31-14mm	14mm	II	24.13	19.43	19.43	9.93
31-15mm	15mm	II	24.13	20.57	20.57	9.93
31-16mm	16mm	II	25.40	22.23	22.23	10.31
31-17mm	17mm	II	25.40	23.37	23.37	9.93
31-18mm	18mm	II	25.40	24.61	24.61	10.31
31-19mm	19mm	II	25.40	25.40	25.40	11.89
31-20mm	20mm	II	31.75	27.38	27.38	16.78
31-21mm	21mm	II	31.75	27.78	27.78	16.45
31-22mm	22mm	II	33.35	29.36	29.36	17.71



Meets or exceeds ASME B107.110

Wright Drive® 6 Pt. & 12 Pt. design sockets and combination wrenches give ten times more fastener contact area than conventional designs.




**3/8"**
**SOCKETS, RATCHETS & ATTACHMENTS**

**12 Pt. Deep Sockets**

Part No.	Nom. Size	Shape	L	Ds	Dd	Bd
3612	3/8"	I	2-1/2"	35/64"	21/32"	5/32"
3614	7/16"	II	2-1/2"	41/64"	41/64"	7/32"
3616	1/2"	II	2-1/2"	23/32"	23/32"	17/64"
3618	9/16"	II	2-1/2"	49/64"	49/64"	21/64"
3620	5/8"	II	2-1/2"	55/64"	55/64"	3/8"
3622	11/16"	II	2-1/2"	15/16"	15/16"	3/8"
3624	3/4"	II	2-3/4"	1"	1"	1-59/64"
3626	13/16"	II	2-3/4"	1-1/16"	1-1/16"	1-61/64"
3628	7/8"	II	2-7/8"	1-9/64"	1-9/64"	2-1/4"
3630	15/16"	II	3-3/64"	1-1/4"	1-1/4"	2-13/32"
3632	1"	II	3-3/64"	1-5/16"	1-5/16"	2-3/8"

Meets or exceeds ASME B107.110


**12 Pt. Deep Metric Sockets**

Part No.	Nom. Size	Shape	L	Ds	Dd	Bd
36-09mm	9mm	I	63.50	13.46	15.88	4.37
36-10mm	10mm	I	63.50	15.11	15.88	4.78
36-11mm	11mm	II	63.50	15.88	15.88	5.56
36-12mm	12mm	II	63.50	17.48	17.48	5.94
36-13mm	13mm	II	63.50	18.29	18.29	6.76
36-14mm	14mm	II	63.50	19.43	19.43	8.33
36-15mm	15mm	II	63.50	20.57	20.57	8.33
36-17mm	17mm	II	63.50	23.37	23.37	9.53
36-19mm	19mm	II	63.50	25.40	25.40	11.13

Meets or exceeds ASME B107.110


**12 Pt. Flex Sockets**

Part No.	Nom. Size	Shape	L	Ds	Dd	Bd
3712	3/8"	III	1-23/32"	9/16"	3/4"	5/16"
3714	7/16"	III	1-23/32"	5/8"	3/4"	5/16"
3716	1/2"	III	1-3/4"	3/4"	3/4"	11/32"
3718	9/16"	III	1-3/4"	3/4"	3/4"	11/32"
3720	5/8"	III	1-27/32"	7/8"	3/4"	7/16"
3722	11/16"	III	1-29/32"	15/16"	3/4"	7/16"
3724	3/4"	III	1-31/32"	1"	3/4"	1/2"

Meets or exceeds ASME B107.110

Wright Drive® 6 Pt. & 12 Pt. design sockets and combination wrenches give ten times more fastener contact area than conventional designs. Refer to socket dimensional drawings on page 144.



**6 Pt. Standard Sockets**

**Black Industrial Finish**



Part No.	Nom. Size	Shape	L	Ds	Dd	Bd
33008	1/4"	I	15/16"	7/16"	21/32"	1/8"
33010	5/16"	I	15/16"	15/32"	21/32"	9/64"
33012	3/8"	I	15/16"	37/64"	21/32"	5/32"
33014	7/16"	II	15/16"	41/64"	41/64"	7/32"
33016	1/2"	II	1"	23/32"	23/32"	17/64"
33018	9/16"	II	1"	49/64"	49/64"	21/64"
33020	5/8"	II	1"	55/64"	55/64"	3/8"
33022	11/16"	II	1"	15/16"	15/16"	3/8"
33024	3/4"	II	1-1/8"	1"	1"	7/16"
33026	13/16"	II	1-1/8"	1-5/64"	1-5/64"	1/2"
33028	7/8"	II	1-9/32"	1-9/64"	1-9/64"	11/16"
33030	15/16"	II	1-3/8"	1-1/4"	1-1/4"	47/64"
33032	1"	II	1-3/8"	1-5/16"	1-5/16"	23/32"

For Hand Use Only  
Meets or exceeds ASME B107.110

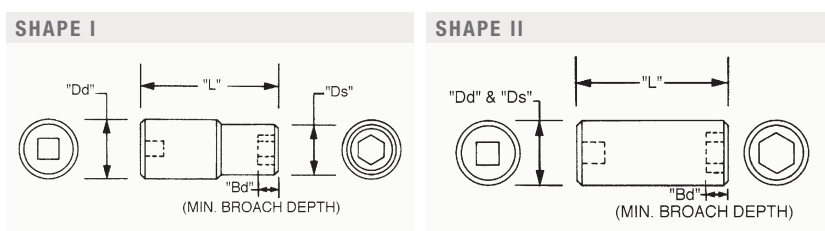
**6 Pt. Deep Sockets**

**Black Industrial Finish**



Part No.	Nom. Size	Shape	L	Ds	Dd	Bd
33508	1/4"	I	2-7/32"	13/32"	5/8"	5/32"
33510	5/16"	I	2-7/32"	15/32"	5/8"	5/32"
33512	3/8"	I	2-1/2"	35/64"	21/32"	5/32"
33514	7/16"	II	2-1/2"	41/64"	41/64"	7/32"
33516	1/2"	II	2-1/2"	23/32"	23/32"	17/64"
33518	9/16"	II	2-1/2"	49/64"	49/64"	11/32"
33520	5/8"	II	2-1/2"	55/64"	55/64"	3/8"
33522	11/16"	II	2-1/2"	15/16"	15/16"	3/8"
33524	3/4"	II	2-1/2"	1"	1"	1-23/32"
33526	13/16"	II	2-9/16"	1-1/16"	1-1/16"	1-61/64"
33528	7/8"	II	2-7/8"	1-9/64"	1-9/64"	2-1/4"
33530	15/16"	II	3-3/64"	1-1/4"	1-1/4"	2-13/32"
33532	1"	II	3-3/64"	1-5/16"	1-5/16"	2-3/8"

For Hand Use Only  
Meets or exceeds ASME B107.110





## 12 Pt. Standard Sockets

Black Industrial Finish

Part No.	Nom. Size	Shape	L	Ds	Dd	Bd
33108	1/4"	I	15/16"	13/32"	5/8"	1/8"
33110	5/16"	I	15/16"	15/32"	21/32"	9/64"
33112	3/8"	I	15/16"	37/64"	21/32"	5/32"
33114	7/16"	II	15/16"	41/64"	41/64"	7/32"
33116	1/2"	II	1"	23/32"	23/32"	17/64"
33118	9/16"	II	1"	49/64"	49/64"	21/64"
33120	5/8"	II	1"	55/64"	55/64"	3/8"
33122	11/16"	II	1"	15/16"	15/16"	3/8"
33124	3/4"	II	1-1/8"	1"	1"	7/16"
33126	13/16"	II	1-1/8"	1-5/64"	1-5/64"	29/64"
33128	7/8"	II	1-9/32"	1-9/64"	1-9/64"	11/16"
33130	15/16"	II	1-3/8"	1-1/4"	1-1/4"	47/64"
33132	1"	II	1-3/8"	1-5/16"	1-5/16"	23/32"

For Hand Use Only  
Meets or exceeds ASME B107.110



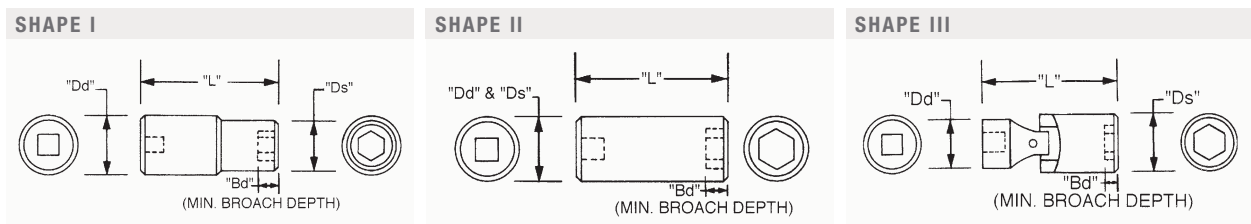
## 12 Pt. Deep Sockets

Black Industrial Finish

Part No.	Nom. Size	Shape	L	Ds	Dd	Bd
33612	3/8"	I	2-1/2"	35/64"	21/32"	5/32"
33614	7/16"	II	2-1/2"	41/64"	41/64"	7/32"
33616	1/2"	II	2-1/2"	23/32"	23/32"	17/64"
33618	9/16"	II	2-1/2"	49/64"	49/64"	21/64"
33620	5/8"	II	2-1/2"	55/64"	55/64"	3/8"
33622	11/16"	II	2-1/2"	15/16"	15/16"	3/8"
33624	3/4"	II	2-1/2"	1"	1"	1-59/64"
33626	13/16"	II	2-9/16"	1-1/16"	1-1/16"	1-61/64"
33628	7/8"	II	2-7/8"	1-9/64"	1-9/64"	2-1/4"

For Hand Use Only  
Meets or exceeds ASME B107.110

Wright Drive® 6 Pt. & 12 Pt. design sockets and combination wrenches give ten times more fastener contact area than conventional designs.



### 6 Pt. Standard Impact Sockets

Part No.	Nom. Size	Shape	L	Ds	Dd	Bd
3810	5/16"	I	1-1/16"	33/64"	3/4"	7/64"
3812	3/8"	I	1-1/16"	39/64"	3/4"	5/32"
3814	7/16"	I	1-1/16"	11/16"	3/4"	7/32"
3816	1/2"	II	1-3/32"	3/4"	3/4"	13/64"
3818	9/16"	II	1-1/8"	55/64"	55/64"	1/4"
3820	5/8"	II	1-1/8"	15/16"	15/16"	9/32"
3822	11/16"	II	1-1/8"	63/64"	63/64"	5/16"
3824	3/4"	II	1-3/16"	1-1/32"	1-1/32"	23/64"

Meets or exceeds ASME B107.110



### 6 Pt. Standard Impact Metric Sockets

Part No.	Nom. Size	Shape	L	Ds	Dd	Bd
38-06mm	6mm	I	28.58	10.16	15.88	3.96
38-07mm	7mm	I	28.58	11.51	15.88	4.78
38-08mm	8mm	I	28.58	13.08	17.48	5.94
38-09mm	9mm	I	28.58	14.30	17.48	5.94
38-10mm	10mm	I	28.58	16.13	18.26	7.14
38-11mm	11mm	I	28.58	17.07	18.26	7.14
38-12mm	12mm	II	28.58	17.86	17.86	7.95
38-13mm	13mm	II	28.58	19.05	19.05	7.95
38-14mm	14mm	II	28.58	20.24	20.24	9.93
38-15mm	15mm	II	28.58	21.44	21.44	11.13
38-16mm	16mm	II	28.58	22.63	22.63	11.13
38-17mm	17mm	II	28.58	24.21	24.21	11.91
38-18mm	18mm	II	28.58	25.02	25.02	11.91
38-19mm	19mm	II	28.58	26.19	26.19	13.11

Meets or exceeds ASME B107.110



### 6 Pt. Deep Impact Sockets

Part No.	Nom. Size	Shape	L	Ds	Dd	Bd
3910	5/16"	I	2-1/4"	33/64"	3/4"	3/32"
3912	3/8"	I	2-1/4"	39/64"	3/4"	7/64"
3914	7/16"	I	2-1/4"	11/16"	3/4"	13/64"
3916	1/2"	II	2-1/4"	3/4"	3/4"	13/64"
3918	9/16"	II	2-1/4"	55/64"	55/64"	11/32"
3920	5/8"	II	2-1/4"	15/16"	15/16"	3/8"
3922	11/16"	II	2-5/16"	61/64"	61/64"	3/8"
3924	3/4"	II	2-5/16"	1-1/32"	1-1/32"	7/16"

Meets or exceeds ASME B107.110



Refer to socket dimensional drawings on page 147.



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.



3/8"

SOCKETS, RATCHETS & ATTACHMENTS



## ⑥ Pt. Deep Impact Metric Sockets

Part No.	Nom. Size	Shape	L	Ds	Dd	Bd
39-06mm	6mm	I	56.36	10.16	15.88	3.96
39-07mm	7mm	I	56.36	13.08	15.88	4.78
39-08mm	8mm	I	56.36	12.70	17.48	5.94
39-09mm	9mm	I	56.36	15.09	17.48	5.94
39-10mm	10mm	I	56.36	16.13	18.26	7.14
39-11mm	11mm	I	56.36	17.07	18.26	7.14
39-12mm	12mm	II	56.36	17.86	17.86	7.14
39-13mm	13mm	II	56.36	19.05	19.05	7.95
39-14mm	14mm	II	56.36	20.24	20.24	43.72
39-15mm	15mm	II	56.36	21.44	21.44	43.39
39-16mm	16mm	II	56.36	22.63	22.63	43.06
39-17mm	17mm	II	63.50	24.21	24.21	49.83
39-18mm	18mm	II	63.50	25.02	25.02	49.50
39-19mm	19mm	II	63.50	26.19	26.19	49.17

Meets or exceeds ASME B107.110



## ⑥ Pt. Standard Length Impact Universal Power Sockets

Part No.	Nom. Size	Shape	L	Ds	Dd	Bd
3852	3/8"	III	2-1/32"	7/8"	13/16"	7/64"
3854	7/16"	III	2-1/32"	7/8"	13/16"	13/64"
3856	1/2"	III	2-5/32"	7/8"	13/16"	13/64"
3858	9/16"	III	2-5/32"	7/8"	13/16"	5/16"
3860	5/8"	III	2-9/32"	1"	13/16"	9/32"
3862	11/16"	III	2-9/32"	1"	13/16"	5/16"
3864	3/4"	III	2-9/32"	1-1/8"	13/16"	11/32"

Guarantee does not apply

Meets or exceeds ASME B107.110



## ⑥ Pt. Standard Length Impact Metric Universal Power Sockets

Part No.	Nom. Size	Shape	L	Ds	Dd	Bd
38-50mm	10mm	III	51.61	22.23	20.65	5.16
38-51mm	11mm	III	51.61	22.23	20.65	5.94
38-52mm	12mm	III	54.76	22.23	20.65	5.94
38-53mm	13mm	III	54.76	22.23	20.65	7.14
38-54mm	14mm	III	54.76	22.23	20.65	7.14
38-55mm	15mm	III	57.94	25.40	20.65	7.14
38-56mm	16mm	III	57.94	25.40	20.65	9.93
38-57mm	17mm	III	57.94	25.40	20.65	11.91
38-58mm	18mm	III	57.94	25.40	20.65	11.91
38-59mm	19mm	III	57.94	28.58	20.65	11.91

Guarantee does not apply

Meets or exceeds ASME B107.110



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.

Always use a Ret Ring® when working with impact products.

### ⑥ Pt. Deep Length Universal Power Sockets

Part No.	Nom. Size	Shape	L	Ds	Dd	Bd
3952	3/8"	III	2-31/32"	7/8"	13/16"	7/64"
3954	7/16"	III	2-31/32"	7/8"	13/16"	13/64"
3956	1/2"	III	2-31/32"	7/8"	13/16"	13/64"
3958	9/16"	III	2-31/32"	7/8"	13/16"	5/16"
3960	5/8"	III	3-1/32"	1"	13/16"	9/32"
3962	11/16"	III	3-1/32"	1"	13/16"	5/16"
3964	3/4"	III	3-1/32"	1-1/8"	13/16"	11/32"

Guarantee does not apply  
Meets or exceeds ASME B107.110



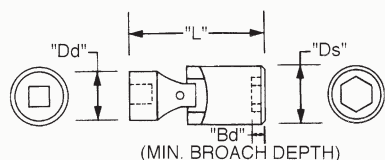
### ⑥ Pt. Deep Length Metric Universal Power Sockets

Part No.	Nom. Size	Shape	L	Ds	Dd	Bd
39-50mm	10mm	III	75.41	22.23	20.65	5.16
39-51mm	11mm	III	75.41	22.23	20.65	5.94
39-52mm	12mm	III	75.41	22.23	20.65	5.94
39-53mm	13mm	III	75.41	22.23	20.65	7.14
39-54mm	14mm	III	75.41	22.23	20.65	7.14
39-55mm	15mm	III	75.41	25.40	20.65	7.14
39-56mm	16mm	III	76.99	25.40	20.65	9.93
39-57mm	17mm	III	76.99	25.40	20.65	11.91
39-58mm	18mm	III	76.99	25.40	20.65	11.91
39-59mm	19mm	III	76.99	28.58	20.65	11.91

Guarantee does not apply  
Meets or exceeds ASME B107.110



#### SHAPE III



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.





### Hex Bit Sockets & Replacement Hex Bits

Part No.	Nom. Size	Shape	L	Ds	Dd	L1	Replacement Bit Part No.	Bit Length
3204	1/8"	III	1-7/8"	19/32"	11/16"	13/16"	3204B	1-1/4"
3205	5/32"	III	1-7/8"	19/32"	11/16"	13/16"	3205B	1-1/4"
3206	3/16"	III	1-7/8"	19/32"	11/16"	13/16"	3206B	1-1/4"
3207	7/32"	III	1-7/8"	19/32"	11/16"	13/16"	3207B	1-1/4"
3208	1/4"	III	1-7/8"	19/32"	11/16"	13/16"	3208B	1-1/4"
3210	5/16"	III	1-7/8"	19/32"	11/16"	13/16"	3210B	1-1/4"
3212	3/8"	IV	1-7/8"	3/4"	-	13/16"	3212B	1-1/4"

Meets or exceeds ASME B107.110



Replacement Hex Bits



### Metric Hex Bit Sockets & Replacement Hex Bits

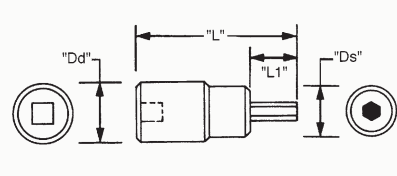
Part No.	Nom. Size	Shape	L	Ds	Dd	L1	Replacement Bit Part No.	Bit Length
32-02mm	2mm	III	47.00	15.00	17.40	20.00	32M02B	31.75
32-02.5mm	2.5mm	III	47.00	15.00	17.40	20.00	32M02.5B	31.75
32-03mm	3mm	III	47.00	15.00	17.40	20.00	32M03B	31.75
32-04mm	4mm	III	47.00	15.00	17.40	20.00	32M04B	31.75
32-05mm	5mm	III	47.00	15.00	17.40	20.00	32M05B	31.75
32-06mm	6mm	III	47.00	15.00	17.40	20.00	32M06B	31.75
32-07mm	7mm	III	47.00	15.00	17.40	20.00	32M07B	31.75
32-08mm	8mm	III	47.00	15.00	17.40	20.00	32M08B	31.75
32-10mm	10mm	IV	47.00	19.00	-	20.00	32M10B	31.75

Meets or exceeds ASME B107.110

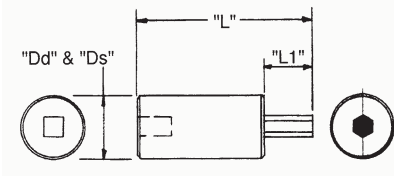


Replacement Hex Bits

#### SHAPE III



#### SHAPE IV



## Long Hex Bit Sockets & Replacement Long Hex Bits

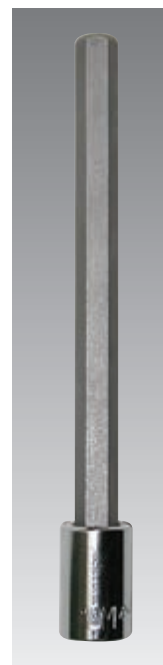
Part No.	Nom. Size	Shape	L	Ds	Dd	L1	Replacement Bit Part No.	Bit Length
32L04	1/8"	III	6-1/8"	19/32"	11/16"	5-1/16"	32L04B	5-1/2"
32L05	5/32"	III	6-1/8"	19/32"	11/16"	5-1/16"	32L05B	5-1/2"
32L06	3/16"	III	6-1/8"	19/32"	11/16"	5-1/16"	32L06B	5-1/2"
32L07	7/32"	III	6-1/8"	19/32"	11/16"	5-1/16"	32L07B	5-1/2"
32L08	1/4"	III	6-1/8"	19/32"	11/16"	5-1/16"	32L08B	5-1/2"
32L10	5/16"	III	6-1/8"	19/32"	11/16"	5-1/16"	32L10B	5-1/2"
32L12	3/8"	IV	6-17/64"	3/4"	-	5-5/64"	32L12B	5-1/2"

Meets or exceeds ASME B107.110

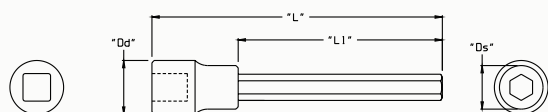
## Long Metric Hex Bit Sockets & Replacement Long Hex Bits

Part No.	Nom. Size	Shape	L	Ds	Dd	L1	Replacement Bit Part No.	Bit Length
32L-04mm	4mm	III	155.45	14.94	17.48	128.27	32L-04MMB	139.70
32L-05mm	5mm	III	155.45	14.94	17.48	128.27	32L-05MMB	139.70
32L-06mm	6mm	III	155.45	14.94	17.48	128.27	32L-06MMB	139.70
32L-08mm	8mm	III	155.45	14.94	17.48	128.27	32L-08MMB	139.70
32L-10mm	10mm	IV	158.00	19.00	-	128.27	32L-10MMB	139.70

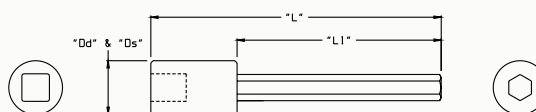
Meets or exceeds ASME B107.110



SHAPE III



SHAPE IV



## Impact Hex Bit Sockets & Replacement Hex Bits

Part No.	Nom. Size	L	Dd	L1	Bit Length	Replacement Bit Part No.
32B04	1/8"	2"	3/4"	13/16"	1-1/4"	32B04B
32B05	5/32"	2"	3/4"	13/16"	1-1/4"	32B05B
32B06	3/16"	2"	3/4"	13/16"	1-1/4"	32B06B
32B07	7/32"	2"	3/4"	13/16"	1-1/4"	32B07B
32B08	1/4"	2"	3/4"	13/16"	1-1/4"	32B08B
32B10	5/16"	2"	3/4"	13/16"	1-1/4"	32B10B
32B12	3/8"	2"	3/4"	13/16"	1-1/4"	32B12B

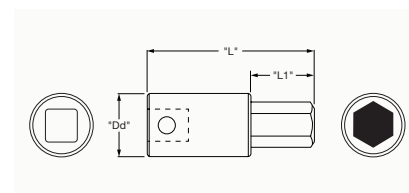
Meets or exceeds ASME B107.110



## Metric Impact Hex Bit Sockets & Replacement Hex Bits

Part No.	Nom. Size	L	Dd	L1	Bit Length	Replacement Bit Part No.
32B-02mm	2mm	50.80	19.05	20.62	31.75	32BM02B
32B-02.5mm	2.5mm	50.80	19.05	20.62	31.75	32BM02.5B
32B-03mm	3mm	50.80	19.05	20.62	31.75	32BM03B
32B-04mm	4mm	50.80	19.05	20.62	31.75	32BM04B
32B-05mm	5mm	50.80	19.05	20.62	31.75	32BM05B
32B-06mm	6mm	50.80	19.05	20.62	31.75	32BM06B
32B-07mm	7mm	50.80	19.05	20.62	31.75	32BM07B
32B-08mm	8mm	50.80	19.05	20.62	31.75	32BM08B
32B-10mm	10mm	50.80	19.05	20.62	31.75	32BM10B

Meets or exceeds ASME B107.110



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.



Replacement  
Screwdriver Bit

## Standard Screwdriver Sockets with Bits & Replacement Bits

Part No.	Nom. Size	Socket Dia.	Overall Length	Replacement Bit Part No.	Bit Length
3260	1/4"	11/16"	1-7/8"	2261B	1-1/64"
3261	5/16"	11/16"	1-7/8"	3261B	1-1/64"
3262	3/8"	11/16"	1-7/8"	3262B	1-1/64"

Meets or exceeds ASME B107.110



Replacement Phillips  
Screwdriver Bit

## Phillips Screwdriver Sockets with Bits & Replacement Bits

Part No.	Nom. Size	Socket Dia.	Overall Length	Replacement Bit Part No.	Bit Length
3265	#1	11/16"	1-13/16"	2265B	1"
3266	#2	11/16"	1-13/16"	3266B	1"
3267	#3	11/16"	1-13/16"	3267B	1-1/64"
3268	#4	11/16"	2-1/16"	3268B	1-1/4"

Meets or exceeds ASME B107.110

3/8"

SOCKETS, RATCHETS & ATTACHMENTS



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.



### Torx® Bit Holder Sets

Part No.	Description
9295	Torx® Bit Set - 8 Pieces 9271, 9272, 9273, 9274, 9275, 9276, 9277 Torx® Bits, 9280 Bit Holder
9296	Torx® Bit Set - 7 Pieces 9281, 9282, 9283, 9284, 9285, 9286 Torx® Bits, 9290 Bit Holder



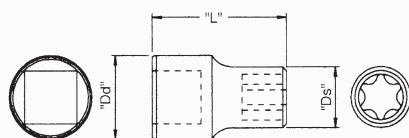
### Torx® Sockets

Part No.	Dr. Sq. Size	Shape	Head Size	L	Ds	Dd
9255	3/8"	I	E-10	1-1/4"	1/2"	11/16"
9256	3/8"	I	E-12	1-1/4"	5/8"	11/16"
9257	3/8"	II	E-14	1-1/4"	11/16"	11/16"
9258	3/8"	II	E-16	1-1/4"	3/4"	3/4"

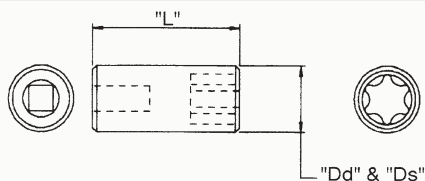
Meets or exceeds ASME B107.110



SHAPE I

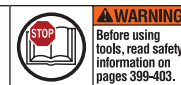


SHAPE II



3/8"

SOCKETS, RATCHETS & ATTACHMENTS

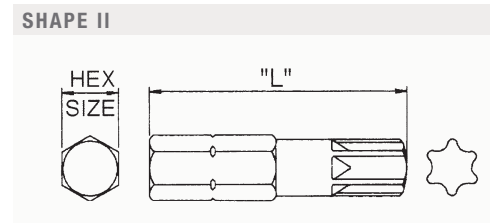
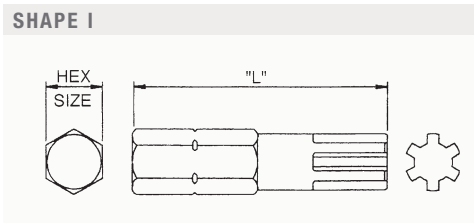




### Torx® Bits

Part No.	Hex Size	Shape	Bit Size	L
9281	5/16"	I	6mm Ribe	1-1/4"
9282	5/16"	II	T-30	1-1/4"
9283	5/16"	II	T-40	1-1/4"
9284	5/16"	II	T-45	1-1/4"
9285	5/16"	II	T-47	1-1/4"
9286	5/16"	II	T-50	1-1/4"

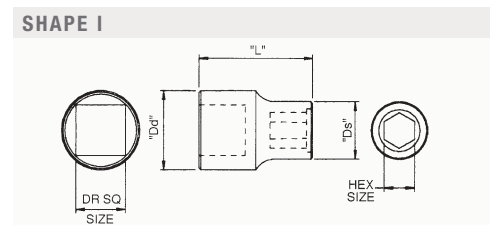
Meets or exceeds ASME B107.110



### Torx® Bit Holders

Part No.	Dr. Sq. Size	Shape	Head Size	L	Ds	Dd
9290	3/8" Dr. 5/16" Hex Bit Holder	I	5/16"	1-1/4"	9/16"	11/16"
9292	3/8" Dr. 7/16" Hex Bit Holder	I	7/16"	1-1/2"	7/8"	11/16"

Meets or exceeds ASME B107.110



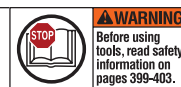
## 27 Pieces – 12 Pt. Standard & Deep Socket Set Set No. 427

Part No.	Description	Part No.	Description
<b>12 Pt. Standard Sockets</b>			
4114	7/16"	4128	7/8"
4116	1/2"	4130	15/16"
4118	9/16"	4132	1"
4120	5/8"	4134	1-1/16"
4122	11/16"	4136	1-1/8"
4124	3/4"	4140	1-1/4"
4126	13/16"		
<b>12 Pt. Deep Sockets</b>			
4616	1/2"	4624	3/4"
4618	9/16"	4626	13/16"
4620	5/8"	4628	7/8"
4622	11/16"	4630	15/16"
<b>Attachments</b>			
4426	Ratchet	4445	Speeder
4405	5" Extension	4475	Universal
4410	10" Extension	WT520	Metal Box
4435	Flex Handle		



## 25 Pieces – 12 Pt. Standard Socket Set Set No. 424

Part No.	Description	Part No.	Description
4112	3/8"	4131	31/32"
4114	7/16"	4132	1"
4116	1/2"	4134	1-1/16"
4118	9/16"	4136	1-1/8"
4119	19/32"	4138	1-3/16"
4120	5/8"	4140	1-1/4"
4121	21/32"	4426	Ratchet, 10-1/2"
4122	11/16"	4402	2" Extension
4124	3/4"	4405	5" Extension
4125	25/32"	4410	10" Extension
4126	13/16"	4435	Flex Handle
4128	7/8"	4475	Universal
4130	15/16"	W418	Metal Box





## 24 Pieces – 12 Pt. Standard & Deep Socket Set Set No. 425

Part No.	Description	Part No.	Description
<b>12 Pt. Standard Sockets</b>			
4114	7/16"	4128	7/8"
4116	1/2"	4130	15/16"
4118	9/16"	4132	1"
4120	5/8"	4134	1-1/16"
4122	11/16"	4136	1-1/8"
4124	3/4"	4140	1-1/4"
4126	13/16"		
<b>12 Pt. Deep Sockets</b>			
4616	1/2"	4624	3/4"
4618	9/16"	4626	13/16"
4620	5/8"	4628	7/8"
4622	11/16"	4630	15/16"
<b>Attachments</b>			
4426	Ratchet	4435	Flex Handle
4410	10" Extension	WT528	Metal Box



## 18 Pieces – 6 Pt. Standard Socket Set Set No. 423

Part No.	Description	Part No.	Description
4012	3/8"	4032	1"
4014	7/16"	4034	1-1/16"
4016	1/2"	4036	1-1/8"
4018	9/16"	4038	1-3/16"
4020	5/8"	4040	1-1/4"
4022	11/16"	4426	Ratchet, 10-1/2"
4024	3/4"	4405	5" Extension
4026	13/16"	4435	Flex Handle
4028	7/8"	W417	Metal Box
4030	15/16"		

1/2"

SOCKETS, RATCHETS & ATTACHMENTS



1/2"

### 19 Pieces – 12 Pt. Standard Socket Set Set No. 422

Part No.	Description	Part No.	Description
4112	3/8"	4132	1"
4114	7/16"	4134	1-1/16"
4116	1/2"	4136	1-1/8"
4118	9/16"	4138	1-3/16"
4120	5/8"	4140	1-1/4"
4122	11/16"	4426	Ratchet
4124	3/4"	4405	5" Extension
4126	13/16"	4435	Flex Handle
4128	7/8"	4475	Universal
4130	15/16"	W417	Metal Box



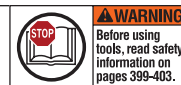
### 15 Pieces – 12 Pt. Standard Socket Set Set No. 417

Part No.	Description	Part No.	Description
4114	7/16"	4130	15/16"
4116	1/2"	4132	1"
4118	9/16"	4134	1-1/16"
4120	5/8"	4136	1-1/8"
4122	11/16"	4140	1-1/4"
4124	3/4"	4426	Ratchet
4126	13/16"	4405	5" Extension
4128	7/8"	W411	Metal Box



### 12 Pieces – 12 Pt. Standard Socket Set Set No. 418

Part No.	Description	Part No.	Description
4114	7/16"	4128	7/8"
4116	1/2"	4130	15/16"
4118	9/16"	4132	1"
4120	5/8"	4426	Ratchet
4122	11/16"	4405	5" Extension
4124	3/4"	W411	Metal Box
4126	13/16"		

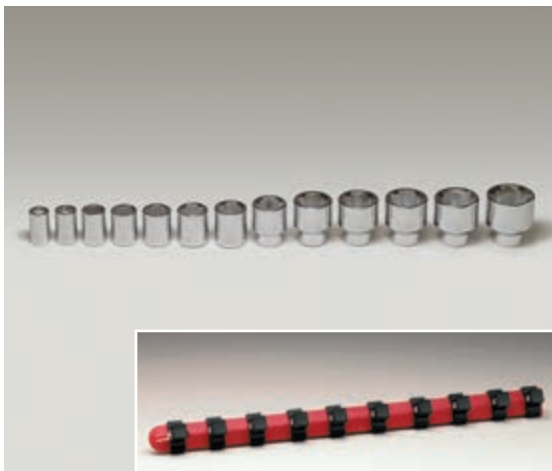






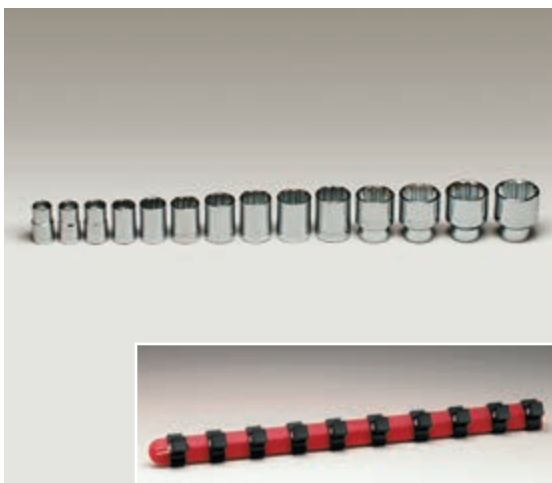
## 14 Pieces – ⑥ Pt. Standard Socket Set Set No. 419

Part No.	Description	Part No.	Description
4014	7/16"	4030	15/16"
4016	1/2"	4032	1"
4018	9/16"	4034	1-1/16"
4020	5/8"	4036	1-1/8"
4022	11/16"	4038	1-3/16"
4024	3/4"	4040	1-1/4"
4026	13/16"	2-W010	Rails
4028	7/8"	W4	14 Clips



## 13 Pieces – ⑧ Pt. Standard Socket Set Set No. 450

Part No.	Description	Part No.	Description
4314	7/16"	4330	15/16"
4316	1/2"	4332	1"
4318	9/16"	4334	1-1/16"
4320	5/8"	4336	1-1/8"
4322	11/16"	4340	1-1/4"
4324	3/4"	2-W010	Rails
4326	13/16"	W4	13 Clips
4328	7/8"		



## 14 Pieces – ⑫ Pt. Standard Socket Set Set No. 416

Part No.	Description	Part No.	Description
4114	7/16"	4130	15/16"
4116	1/2"	4132	1"
4118	9/16"	4134	1-1/16"
4120	5/8"	4136	1-1/8"
4122	11/16"	4138	1-3/16"
4124	3/4"	4140	1-1/4"
4126	13/16"	2-W010	Rails
4128	7/8"	W4	14 Clips





**11 Pieces – 12 Pt. Deep Socket Set  
Set No. 402**

Part No.	Description	Part No.	Description
4616	1/2"	4630	15/16"
4618	9/16"	4632	1"
4620	5/8"	4634	1-1/16"
4622	11/16"	4636	1-1/8"
4624	3/4"	W013	Rail
4626	13/16"	W4	11 Clips
4628	7/8"		



**8 Pieces – 12 Pt. Deep Socket Set  
Set No. 409**

Part No.	Description	Part No.	Description
4616	1/2"	4626	13/16"
4618	9/16"	4628	7/8"
4620	5/8"	4630	15/16"
4622	11/16"	W010	Rail
4624	3/4"	W4	8 Clips



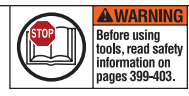
**8 Pieces – 6 Pt. Deep Socket Set  
Set No. 410**

Part No.	Description	Part No.	Description
4516	1/2"	4526	13/16"
4518	9/16"	4528	7/8"
4520	5/8"	4530	15/16"
4522	11/16"	W010	Rail
4524	3/4"	W4	8 Clips



1/2"

**SOCKETS, RATCHETS & ATTACHMENTS**





## 11 Pieces – 6 Pt. Deep Socket Set Set No. 414

Part No.	Description	Part No.	Description
4516	1/2"	4530	15/16"
4518	9/16"	4532	1"
4520	5/8"	4534	1-1/16"
4522	11/16"	4536	1-1/8"
4524	3/4"	W013	Rail
4526	13/16"	W4	11 Clips
4528	7/8"		



## 7 Pieces – Hex Bit Socket Set Set No. 405

Part No.	Description	Part No.	Description
4208	1/4"	4218	9/16"
4210	5/16"	4218	5/8"
4212	3/8"	W008	Rail
4214	7/16"	W4	7 Clips
4216	1/2"		

1/2"

SOCKETS, RATCHETS & ATTACHMENTS



1/2"

**7 Piece – Long Length Hex Bit Socket Set  
Set No. 406**

Part No.	Description	Part No.	Description
42L08	1/4"	42L16	1/2"
42L10	5/16"	42L18	9/16"
42L12	3/8"	42L20	5/8"
42L14	7/16"	W008	Rail
W4	7 Clips		



**15 Pieces – Flare Nut, 12 Pt.  
Crowfoot Wrench Set  
Set No. 703**

Part No.	Description	Part No.	Description
1080	1-1/8"	1089	1-11/16"
1081	1-3/16"	1090	1-3/4"
1082	1-1/4"	1091	1-13/16"
1083	1-5/16"	1092	1-7/8"
1084	1-3/8"	1093	1-15/16"
1085	1-7/16"	1094	2"
1086	1-1/2"	2-W010	Rails
1087	1-9/16"	W4	15 Clips
1088	1-5/8"		



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.

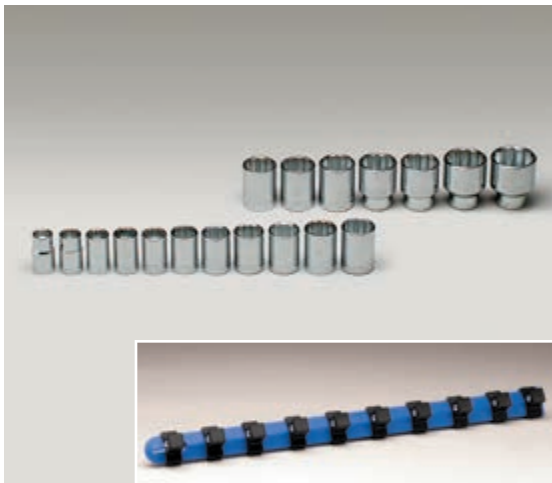


**WARNING**  
Comfort or plastic grips do not protect against electric shock.



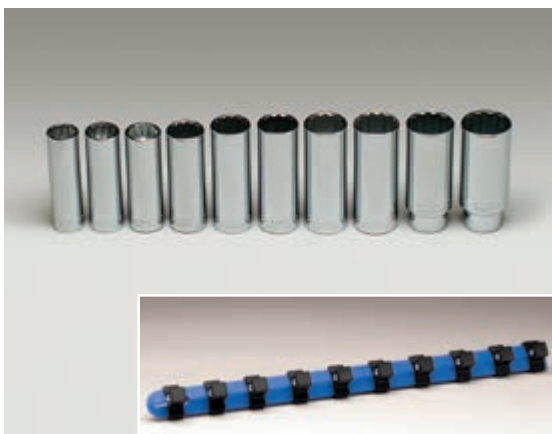
## 22 Pieces – 12 Pt. Standard Metric Socket Set Set No. 472

Part No.	Description	Part No.	Description
41-09mm	9mm	41-21mm	21mm
41-10mm	10mm	41-22mm	22mm
41-11mm	11mm	41-23mm	23mm
41-12mm	12mm	41-24mm	24mm
41-13mm	13mm	41-25mm	25mm
41-14mm	14mm	41-26mm	26mm
41-15mm	15mm	41-30mm	30mm
41-16mm	16mm	41-32mm	32mm
41-17mm	17mm	4426	Ratchet
41-18mm	18mm	4405	5" Extension
41-19mm	19mm	W418	Metal Box
41-20mm	20mm		



## 18 Pieces – 12 Pt. Standard Metric Socket Set Set No. 469

Part No.	Description	Part No.	Description
41-12mm	12mm	41-22mm	22mm
41-13mm	13mm	41-23mm	23mm
41-14mm	14mm	41-24mm	24mm
41-15mm	15mm	41-25mm	25mm
41-16mm	16mm	41-26mm	26mm
41-17mm	17mm	41-27mm	27mm
41-18mm	18mm	41-30mm	30mm
41-19mm	19mm	41-32mm	32mm
41-20mm	20mm	2-W110	Rails
41-21mm	21mm	W4	18 Clips



## 10 Pieces – 12 Pt. Deep Metric Socket Set Set No. 473

Part No.	Description	Part No.	Description
46-16mm	16mm	46-22mm	22mm
46-17mm	17mm	46-24mm	24mm
46-18mm	18mm	46-25mm	25mm
46-19mm	19mm	46-26mm	26mm
46-20mm	20mm	W113	Rail
46-21mm	21mm	W4	10 Clips



**6 Pieces – Hex Bit Socket Set  
Set No. 453**

Part No.	Description	Part No.	Description
42-06mm	6mm	42-14mm	14mm
42-08mm	8mm	42-17mm	17mm
42-10mm	10mm	W108	Rail
42-12mm	12mm	W4	6 Clips



**6 Pieces – Long Length Metric  
Hex Bit Socket Set  
Set No. 454**

Part No.	Description	Part No.	Description
42L-06mm	6mm	42L-14mm	14mm
42L-08mm	8mm	42L-17mm	17mm
42L-10mm	10mm	W108	Rail
42L-12mm	12mm	W4	6 Clips





## 7 Pieces – 6 Pt. Standard Impact Socket Set Set No. 408

Part No.	Description	Part No.	Description
4814	7/16"	4824	3/4"
4816	1/2"	4826	13/16"
4818	9/16"	W008	Rail
4820	5/8"	W4	7 Clips
4822	11/16"		



## 11 Pieces – 6 Pt. Standard Impact Socket Set Set No. 411

Part No.	Description	Part No.	Description
4814	7/16"	4828	7/8"
4816	1/2"	4830	15/16"
4818	9/16"	4832	1"
4820	5/8"	4834	1-1/16"
4822	11/16"	W013	Rail
4824	3/4"	W4	11 Clips
4826	13/16"		



## 13 Pieces – 6 Pt. Standard Impact Socket Set Set No. 415

Part No.	Description	Part No.	Description
4814	7/16"	4830	15/16"
4816	1/2"	4832	1"
4818	9/16"	4834	1-1/16"
4820	5/8"	4836	1-1/8"
4822	11/16"	4840	1-1/4"
4824	3/4"	2-W010	Rails
4826	13/16"	W4	13 Clips
4828	7/8"		

1/2"

SOCKETS, RATCHETS & ATTACHMENTS



Always use a Ret Ring® when working with impact products.



# 1/2" Drive Impact Socket Sets



## 14 Pieces – 6 Pt. Deep Impact Socket Set Set No. 407

Part No.	Description	Part No.	Description
4912	3/8"	4928	7/8"
4914	7/16"	4930	15/16"
4916	1/2"	4932	1"
4918	9/16"	4934	1-1/16"
4920	5/8"	4936	1-1/8"
4922	11/16"	4940	1-1/4"
4924	3/4"	2-W010	Rails
4926	13/16"	W4	14 Clips



## 11 Pieces – 6 Pt. Deep Impact Socket Set Set No. 412

Part No.	Description	Part No.	Description
4912	3/8"	4926	13/16"
4914	7/16"	4928	7/8"
4916	1/2"	4930	15/16"
4918	9/16"	4932	1"
4920	5/8"	W013	Rail
4922	11/16"	W4	11 Clips
4924	3/4"		



## 7 Pieces – 6 Impact Hex Bit Socket Set Set No. 403

Part No.	Description	Part No.	Description
42B08	1/4"	42B18	9/16"
42B10	5/16"	42B20	5/8"
42B12	3/8"	W008	Rail
42B14	7/16"	W4	7 Clips
42B16	1/2"		



1/2" SOCKETS, RATCHETS & ATTACHMENTS

Always use a Ret Ring® when working with impact products.



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
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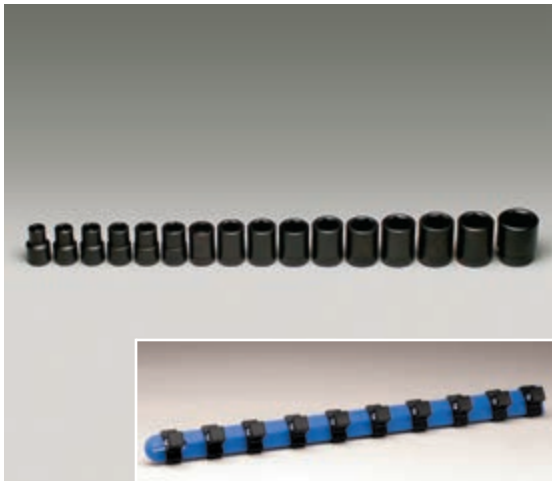
**WARNING**  
Comfort or plastic grips do not protect against electric shock.





1/2"

SOCKETS, RATCHETS & ATTACHMENTS



## 16 Pieces – ⑥ Pt. Standard Metric Impact Socket Set Set No. 466

Part No.	Description	Part No.	Description
48-10mm	10mm	48-19mm	19mm
48-11mm	11mm	48-20mm	20mm
48-12mm	12mm	48-21mm	21mm
48-13mm	13mm	48-22mm	22mm
48-14mm	14mm	48-23mm	23mm
48-15mm	15mm	48-24mm	24mm
48-16mm	16mm	48-27mm	27mm
48-17mm	17mm	2-W110	Rails
48-18mm	18mm	W4	16 Clips



## 12 Pieces – ⑥ Pt. Standard Metric Impact Socket Set Set No. 460

Part No.	Description	Part No.	Description
48-10mm	10mm	48-17mm	17mm
48-11mm	11mm	48-18mm	18mm
48-12mm	12mm	48-19mm	19mm
48-13mm	13mm	48-20mm	20mm
48-14mm	14mm	48-21mm	21mm
48-15mm	15mm	W113	Rail
48-16mm	16mm	W4	12 Clips



## 16 Pieces – ⑥ Pt. Deep Metric Impact Socket Set Set No. 467

Part No.	Description	Part No.	Description
49-10mm	10mm	49-19mm	19mm
49-11mm	11mm	49-20mm	20mm
49-12mm	12mm	49-21mm	21mm
49-13mm	13mm	49-22mm	22mm
49-14mm	14mm	49-23mm	23mm
49-15mm	15mm	49-24mm	24mm
49-16mm	16mm	49-27mm	27mm
49-17mm	17mm	2-W110	Rails
49-18mm	18mm	W4	16 Clips

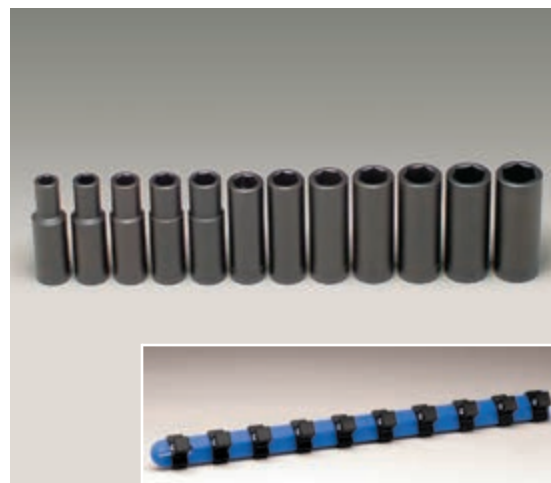


Always use a Ret Ring® when working with impact products.



## 12 Pieces – 6 Pt. Deep Metric Impact Socket Set Set No. 461

Part No.	Description	Part No.	Description
49-10mm	10mm	49-17mm	17mm
49-11mm	11mm	49-18mm	18mm
49-12mm	12mm	49-19mm	19mm
49-13mm	13mm	49-20mm	20mm
49-14mm	14mm	49-21mm	21mm
49-15mm	15mm	W113	Rail
49-16mm	16mm	W4	12 Clips



## 6 Pieces – Metric Impact Hex Bit Socket Set Set No. 455

Part No.	Description	Part No.	Description
42B-06MM	6mm	42B-14MM	14mm
42B-08MM	8mm	42B-17MM	17mm
42B-10MM	10mm	W108	Rail
42B-12MM	12mm	W4	6 Clips



Always use a Ret Ring® when working with impact products.



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.



## 5 Piece Adaptor Set Set No. 9501

Part No.	Description
2453	1/4" Drive Adaptor 1/4" F x 3/8" M
3452	3/8" Drive Adaptor 3/8" F x 1/4" M
3454	3/8" Drive Adaptor 3/8" F x 1/2" M
4453	1/2" Drive Adaptor 1/2" F x 3/8" M
4902	1/2" Drive Impact Adaptor 1/2" F x 3/4" M (Ball Lock)
W010	Rail
W2	1 Clip
W3	2 Clips
W4	2 Clips

Guarantee does not apply



## 4 Piece Adaptor Set Set No. 9500

Part No.	Description
3899	3/8" Drive Impact Adaptor 3/8" F x 1/2" M (Ball Lock)
4900	1/2" Drive Impact Adaptor 1/2" F x 3/8" M (Ball Lock)
4902	1/2" Drive Impact Adaptor 1/2" F x 3/4" M (Ball Lock)
6900	3/4" Drive Impact Adaptor 3/4" F x 1/2" M (Ball Lock)
Cardboard Box	

Guarantee does not apply

1/2"

SOCKETS, RATCHETS & ATTACHMENTS



Always use a Ret Ring® when working with impact products.

**Ratchets**

**Two Head Styles – Round and Pear Shape**

• Wright Tool 1/2" drive ratchets are the workhorses of the industry. Compact round and pear shaped heads, short handle arc swings, easily changed kits, choice of handle style and problem solving designs. The ratchets are engineered to balance within normal range of sockets to minimize the "nose heavy feeling."

• Round-head ratchets are 45 tooth design. Single pawl delivers 8° arc, double pawl gives 90 tooth action on 4-1/2" of arc. Pear shaped ratchets are so compact they are the same head size as most 3/8" drive ratchets. This drop-forged unit is strong and versatile enough to be used as a scaffold hammer. It is highly favored in high dirt situations because it is so easily cleaned.



4426



4433



4400



4480



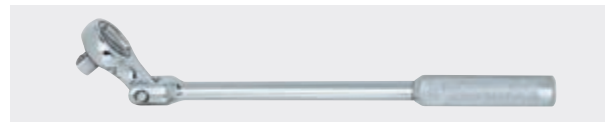
4401



4427



4490



4430



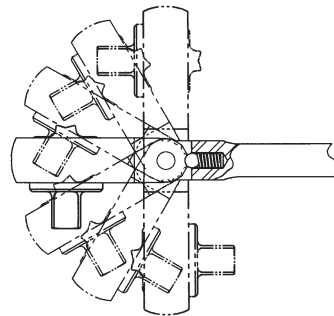
4425



4488



4494



Seven Place Indexing Flex Head  
4427, 4430



4482



4428



34426



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.



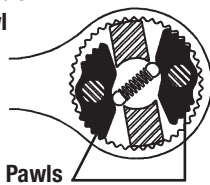
# 1/2" Drive Ratchets



Part No.	Description	Overall Length	Swing Arc	No. of Teeth	Head Diameter	Renewal Kit No.
4400	Nitrile Comfort Grip—Double Pawl	10-1/2"	1-1/4"	45	1-5/8"	4491
4401	Short Nitrile Comfort Grip—Double Pawl	8-3/8"	1-1/4"	45	1-5/8"	4491
4425	Long Knurled Grip—Double Pawl	15"	2"	45	1-5/8"	4491
4426	Knurled Grip—Double Pawl	10-1/4"	1-1/4"	45	1-5/8"	4491
4427	Flex Head Knurled Grip—Double Pawl	12-1/4"	1-1/4"	45	1-5/8"	4491
4428	Construction Spud Ratchet, Black, 1/2" Sq. Drive Heavy Duty Round Head—Double Pawl,	15"	2"	45	1-5/8"	34491
4430	Flex Head Knurled Grip—Double Pawl	18"	2-1/4"	45	1-5/8"	4491
4433	Knurled Handle, Raised Cap, Lineman's Ratchet—Double Pawl	10-1/4"	1-1/4"	45	1-5/8"	4432
4480	Open Head, Pear Shape—Single Pawl	10-1/2"	3-1/4"	30	1-5/16"	4481
4482	Pear Head, Contour Handle Scaffold Wrench, Soft Face Hammer head/special 7/8" socket—Single Pawl	10-1/2"	3-1/4"	30	1-5/16"	N/A
4488	WrightGrip® SB Scaffold Ratchet	10-1/2"	3-1/4"	30	1-5/16"	4489
4490	Contour Grip—Double Pawl	11"	1-1/4"	45	1-5/8"	4491
4494	Long Contour Grip—Double Pawl	15"	2"	45	1-5/8"	4491
34426	Knurled Handle, Black—Double Pawl	10-1/4"	1-1/4"	45	1-5/8"	34491
4028	Extra Set Screws Tip #9039					

Double Pawl allows 45 teeth to operate with 90 tooth action and a 4-1/2° arc swing.  
Meets or exceeds ASME B107.110

## Premium Double Pawl



## Renewal Kits & Replacement Parts

One piece, foolproof. Just drop into place. Extends life of ratchet. On-the-spot purchase eliminates waiting for repair.

Part No.	Description
4432	For 4433 Ratchet (Double Pawl)
4481	For 4480 Ratchet (Single Pawl)
4491	For 4400, 4401, 4425, 4426, 4427, 4430, 4490, 4494 Ratchets (Double Pawl)
34491	For 34426, 4428 Ratchet, Black (Double Pawl)
9039	Replacement Tip for 4482 Scaffold Ratchet
3434	For 3433

NOTE: When cleaning your ratchet lubricate with light oil only.



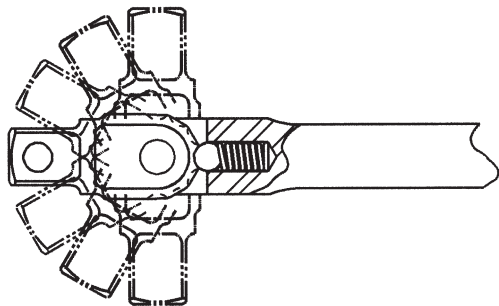
### Flex Handles

Steel pin and tension washer construction for extra strength. No binding or locked joints.

Part No.	Description	Overall Length
4434	Knurled Steel Handle	24"
4435	Knurled Steel Handle	18"
4437	Knurled Steel Handle	10-5/8"
4438	Nitrile Handle	18"
4439	Contour Handle	16-9/16"
34435	Black Knurled Steel Handle	18"

Meets or exceeds ASME B107.110

- With swivel blocks at both ends, our Twin Flex wrench handle accommodates two different sizes of types of attachments.
- This makes it easy to customize for special situations that require more than one tool.
- Adding various combinations of sockets or crowfoot wrench ends lets you use the Twin Flex as a flare nut wrench, breaker bar, crank or speed handle.



Seven Place Indexing Flex Head



4434



4435



4437



4438



4439



34435



**Mechanics who are known by the quality of their tools appreciate the quality of *Wright tools!***



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.



## Sliding T

Head held in place by friction ball so it can slide to ends of bar with no overhang. Works in tighter places.

Part No.	Overall Description
4443	10-11/16"

Meets or exceeds ASME B107.110



## Speeder

Part No.	Overall Description
4445L	Speeder 16-3/4" long

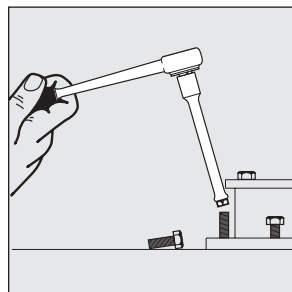
Meets or exceeds ASME B107.110



## Extensions

Part No.	Overall Description
4402	2"
4405	5"
4410	10"
4420	20"

Meets or exceeds ASME B107.110



## Wobble Extensions

Part No.	Overall Description
4409	2"

Meets or exceeds ASME B107.110



## 2" Black Extension

Part No.	Description
34402	2" Black Extension

Meets or exceeds ASME B107.110



## 1/2" Drive 6 Pt. 7/8" Socket

Part No.	Description
4028	1/2" Drive 6 Pt. 7/8" Socket

Meets or exceeds ASME B107.110





### Adaptor

For interchanges of sockets and attachments from one drive size to another.

Part No.	Description	Length
4453	1/2" F x 3/8" M	1-1/2"

Meets or exceeds ASME B107.110



### Locking Adaptor

Part No.	Description
4413	Set Screw - Locking Adaptor 1/2" F x 1/2" M

Meets or exceeds ASME B107.110



### Universal

Built-in spring tension for easy application to the nut. No binding or locked joints. No sharp corners.

Part No.	Description
4475	Universal

Meets or exceeds ASME B107.110



**WARNING**  
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**WARNING**  
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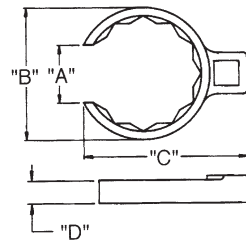
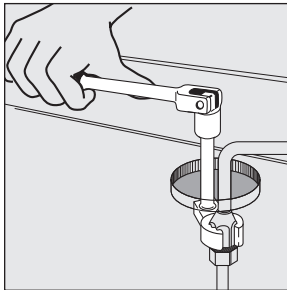
**WARNING**  
Comfort or plastic grips do not protect against electric shock.





## Crowfoot Wrenches – Flare Nut <sup>12</sup>Pt.

Part No.	Nom. Size	A Width of Slot	B Dia. of Head	C Length	D Width of Head
1080	1-1/8"	27/32"	1-5/8"	25/16"	7/8"
1081	1-3/16"	29/32"	1-11/16"	2-3/8"	7/8"
1082	1-1/4"	15/16"	1-25/32"	2-3/8"	7/8"
1083	1-5/16"	31/32"	1-27/32"	2-1/2"	7/8"
1084	1-3/8"	1-1/16"	1-15/16"	2-9/16"	15/16"
1085	1-7/16"	1-1/16"	2"	2-5/8"	15/16"
1086	1-1/2"	1-1/8"	2-1/16"	2-11/16"	15/16"
1087	1-9/16"	1-5/32"	2-5/32"	2-3/4"	15/16"
1088	1-5/8"	1-7/32"	2-7/32"	2-3/4"	15/16"
1089	1-11/16"	1-5/16"	2-5/16"	2-7/8"	1"
1090	1-3/4"	1-5/16"	2-3/8"	2-15/16"	1"
1091	1-13/16"	1-11/32"	2-15/32"	3"	1"
1092	1-7/8"	1-3/8"	2-9/16"	3-1/8"	1-1/16"
1093	1-15/16"	1-7/16"	2-5/8"	3-1/4"	1-1/16"
1094	2"	1-9/16"	2-23/32"	3-1/4"	1-1/16"



Meets or exceeds ASME B107.100



4800



4422

## Impact Universal Joint

Part No.	Description	Overall Length
4800	Universal (Pin Lock)	2-11/16"

Meets or exceeds ASME B107.110

## Adaptor

150 ft. lbs. safe working torque.

Part No.	Description	Length
4422	7/16" Hex M x 1/2" Sq./ Pin Lock	2-1/8"

Meets or exceeds ASME B107.110



4900



4902

## Impact Adaptors

Part No.	Description	Length
4900	1/2" F x 3/8" M (Ball Lock)	1-1/2"
4902	1/2" F x 3/4" M (Ball Lock)	2"

Guarantee does not apply

Meets or exceeds ASME B107.110



## Impact Extensions

Part No.	Description
4903	2" Pin Lock
4905	5" Ball Lock
4909	10" Pin Lock
4910*	24" Ball Lock (1/2" F x 3/8" M) Special Applications
49E18	18" Pin Lock
49E24	24" Pin Lock

\*4910 - Commonly called Transmission Extension

Meets or exceeds ASME B107.110



Always use a Ret Ring® when working with impact products.

## 6 Pt. Standard Sockets

Part No.	Nom. Size	Shape	L	Ds	Dd	Bd
4012	3/8"	I	1-1/2"	39/64"	7/8"	5/32"
4014	7/16"	I	1-1/2"	43/64"	7/8"	7/32"
4016	1/2"	I	1-1/2"	47/64"	7/8"	7/64"
4018	9/16"	I	1-1/2"	13/16"	7/8"	21/64"
4020	5/8"	II	1-1/2"	7/8"	7/8"	21/64"
4022	11/16"	II	1-1/2"	63/64"	63/64"	49/64"
4024	3/4"	II	1-1/2"	1-1/16"	1-1/16"	3/4"
4026	13/16"	II	1-9/16"	1-1/8"	1-1/8"	13/16"
4028	7/8"	II	1-5/8"	1-3/16"	1-3/16"	55/64"
4030	15/16"	II	1-5/8"	1-9/32"	1-9/32"	27/32"
4032	1"	II	1-11/16"	1-23/64"	1-23/64"	7/8"
4034	1-1/16"	III	1-3/4"	1-7/16"	1-7/64"	29/32"
4036	1-1/8"	III	1-13/16"	1-1/2"	1-7/64"	15/16"
4038	1-3/16"	III	1-7/8"	1-19/32"	1-7/64"	63/64"
4040	1-1/4"	III	1-59/64"	1-21/32"	1-7/64"	1"
4042	1-5/16"	III	1-61/64"	1-13/16"	1-7/64"	1-1/64"
4044	1-3/8"	III	2"	1-7/8"	1-1/4"	1-3/64"
4046	1-7/16"	III	2-1/16"	1-61/64"	1-1/4"	1-3/32"
4048	1-1/2"	III	2-1/8"	2-1/64"	1-1/4"	1-1/8"



Meets or exceeds ASME B107.110

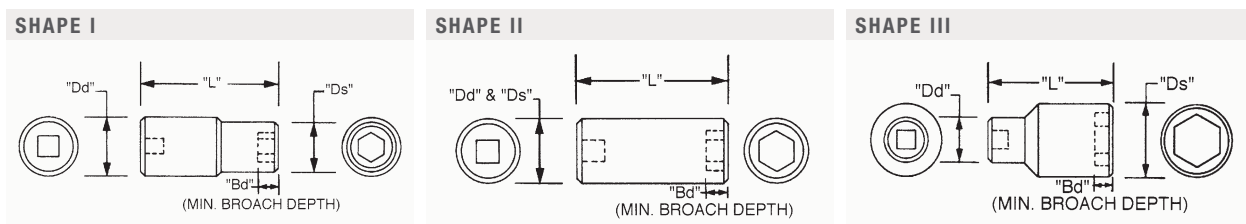
## 6 Pt. Deep Sockets

Part No.	Nom. Size	Shape	L	Ds	Dd	Bd
4512	3/8"	I	3-3/64"	39/64"	13/16"	5/32"
4514	7/16"	I	3-3/64"	11/16"	13/16"	7/32"
4516	1/2"	I	3-3/64"	47/64"	7/8"	17/64"
4518	9/16"	I	3-3/64"	13/16"	7/8"	21/64"
4520	5/8"	I	3-3/64"	7/8"	-	3/8"
4522	11/16"	II	3-3/64"	63/64"	63/64"	2-11/32"
4524	3/4"	II	3-3/64"	1-1/16"	1-1/16"	2-21/64"
4526	13/16"	II	3-3/64"	1-1/8"	1-1/8"	2-19/64"
4528	7/8"	II	3-3/64"	1-3/16"	1-3/16"	2-9/32"
4530	15/16"	II	3-3/64"	1-9/32"	1-9/32"	2-17/64"
4532	1"	III	3-3/64"	1-23/64"	1-23/64"	2-1/4"
4534	1-1/16"	III	3-3/64"	1-7/16"	1-7/64"	2-13/64"
4536	1-1/8"	III	3-3/64"	1-1/2"	1-7/64"	2-11/64"
4540	1-1/4"	III	3-3/64"	1-21/32"	1-7/64"	2-1/8"
4542	1-5/16"	III	3-3/64"	1-13/16"	1-7/64"	2-7/64"
4544	1-3/8"	III	3-3/64"	1-7/8"	1-1/4"	2-3/32"
4546	1-7/16"	III	3-3/64"	1-61/64"	1-1/4"	2-1/16"
4548	1-1/2"	III	3-3/64"	2-1/64"	1-1/4"	2-3/64"



Meets or exceeds ASME B107.110

Wright Drive® 6 Pt. & 12 Pt. design sockets and combination wrenches give ten times more fastener contact area than conventional designs.





## 6 Pt. Spark Plug Holding Sockets

Part No.	Nom. Size	Shape	L	Ds	Dd	Bd
4590	5/8" Spark Plug Holding	III	2-1/2"	7/8"	-	3/16"
4596	13/16" Spark Plug Holding	III	2-5/8"	1-1/16"	7/8" hex	1/4"
4598	7/8" Spark Plug Holding	III	2-5/8"	1-3/16"	7/8" hex	5/32"

Meets or exceeds ASME B107.110



## 8 Pt. Standard Sockets

Part No.	Nom. Size	Shape	L	Ds	Dd	Bd
4312	3/8"	I	1-7/16"	47/64"	13/16"	5/32"
4314	7/16"	II	1-7/16"	13/16"	13/16"	7/32"
4316	1/2"	II	1-7/16"	7/8"	7/8"	17/64"
4318	9/16"	II	1-7/16"	31/32"	31/32"	47/64"
4320	5/8"	II	1-7/16"	1-1/16"	1-1/16"	23/32"
4322	11/16"	II	1-7/16"	1-3/16"	1-3/16"	11/16"
4324	3/4"	II	1-15/32"	1-1/4"	1-1/4"	11/16"
4326	13/16"	II	1-9/16"	1-5/16"	1-5/16"	49/64"
4328	7/8"	III	1-3/4"	1-13/32"	1-7/64"	7/8"
4330	15/16"	III	1-7/8"	1-37/64"	1-7/64"	31/32"
4332	1"	III	1-15/16"	1-11/16"	1-7/64"	1"
4334	1-1/16"	III	1-15/16"	1-3/4"	1-7/64"	63/64"
4336	1-1/8"	III	2"	1-53/64"	1-1/4"	1-1/64"
4340	1-1/4"	III	2-1/8"	1-61/64"	1-1/4"	1-3/32"

Meets or exceeds ASME B107.110

1/2"

SOCKETS, RATCHETS & ATTACHMENTS



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.



**WARNING**  
Hand use only. Not for impact use.

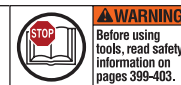
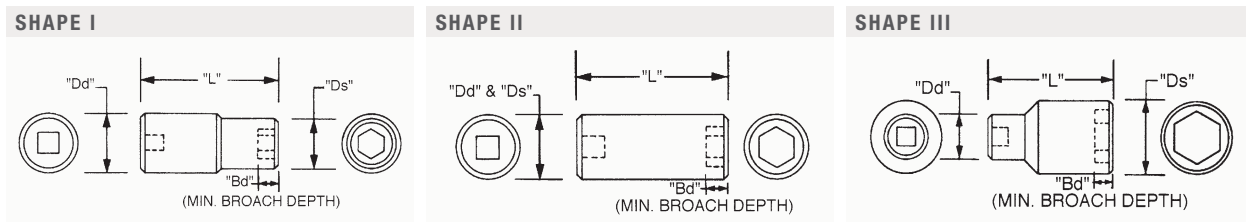
**12 Pt. Standard Sockets**



Part No.	Nom. Size	Shape	L	Ds	Dd	Bd
4112	3/8"	I	1-1/2"	39/64"	7/8"	5/32"
4114	7/16"	I	1-1/2"	43/64"	7/8"	7/32"
4116	1/2"	I	1-1/2"	47/64"	7/8"	17/64"
4118	9/16"	I	1-1/2"	13/16"	7/8"	21/64"
4119	19/32"	II	1-1/2"	55/64"	55/64"	23/64"
4120	5/8"	II	1-1/2"	7/8"	7/8"	3/8"
4121	21/32"	II	1-1/2"	15/16"	15/16"	3/8"
4122	11/16"	II	1-1/2"	63/64"	63/64"	49/64"
4124	3/4"	II	1-1/2"	1-1/16"	1-1/16"	3/4"
4125	25/32"	II	1-1/2"	1-7/64"	1-7/64"	49/64"
4126	13/16"	II	1-9/16"	1-1/8"	1-1/8"	13/16"
4128	7/8"	II	1-5/8"	1-3/16"	1-3/16"	55/64"
4129	29/32"	II	1-5/8"	1-7/32"	1-7/32"	27/32"
4130	15/16"	II	1-5/8"	1-9/32"	1-9/32"	27/32"
4131	31/32"	II	1-21/32"	1-19/64"	1-19/64"	55/64"
4132	1"	II	1-21/32"	1-23/64"	1-23/64"	27/32"
4134	1-1/16"	III	1-3/4"	1-7/16"	1-7/64"	29/32"
4136	1-1/8"	III	1-13/16"	1-1/2"	1-7/64"	15/16"
4138	1-3/16"	III	1-7/8"	1-19/32"	1-7/64"	63/64"
4140	1-1/4"	III	1-59/64"	1-21/32"	1-7/64"	1"
4142	1-5/16"	III	1-31/32"	1-13/16"	1-7/64"	1-1/64"
4144	1-3/8"	III	2"	1-7/8"	1-1/4"	1-3/64"
4146	1-7/16"	III	2-1/16"	1-61/64"	1-1/4"	1-3/32"
4148	1-1/2"	III	2-1/8"	2"	1-1/4"	1-1/8"

Meets or exceeds ASME B107.110

Wright Drive® 6 Pt. & 12 Pt. design sockets and combination wrenches give ten times more fastener contact area than conventional designs.





**12 Pt. Standard Metric Sockets**

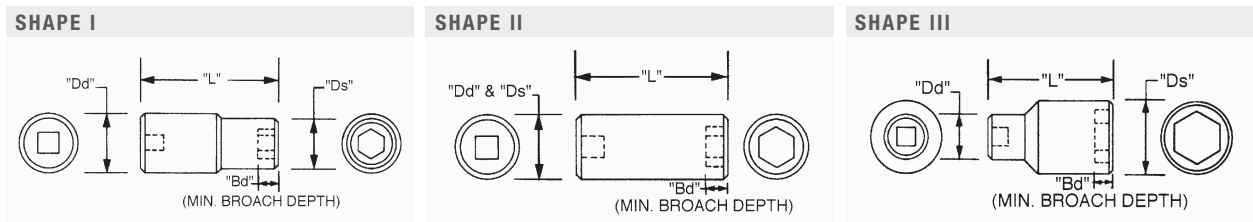
Part No.	Nom. Size	Shape	L	Ds	Dd	Bd
41-09mm	9mm	I	38.10	14.99	20.64	5.55
41-10mm	10mm	I	38.10	15.45	20.64	5.95
41-11mm	11mm	I	38.10	17.40	20.64	7.14
41-12mm	12mm	I	38.10	18.16	20.64	7.94
41-13mm	13mm	I	38.10	19.05	20.64	7.94
41-14mm	14mm	I	38.10	20.45	21.97	8.73
41-15mm	15mm	II	38.10	21.72	21.72	8.73
41-16mm	16mm	II	38.10	23.10	23.10	9.53
41-17mm	17mm	II	38.10	24.30	24.30	19.02
41-18mm	18mm	II	38.10	25.40	25.40	19.05
41-19mm	19mm	II	38.10	26.99	26.99	18.69
41-20mm	20mm	II	38.10	27.78	27.78	19.60
41-21mm	21mm	II	39.69	28.97	28.97	20.87
41-22mm	22mm	II	41.28	30.18	30.18	22.11
41-23mm	23mm	II	41.28	31.17	31.17	21.77
41-24mm	24mm	II	41.28	32.69	32.69	21.44
41-25mm	25mm	II	42.86	33.34	33.34	22.71
41-26mm	26mm	III	44.45	34.93	28.10	23.31
41-27mm	27mm	III	44.45	36.53	28.10	22.98
41-28mm	28mm	III	46.04	36.73	28.10	24.22
41-29mm	29mm	III	46.04	38.10	28.10	23.89
41-30mm	30mm	III	47.63	40.46	28.10	25.16
41-32mm	32mm	III	48.81	42.07	28.10	25.68
41-36mm	36mm	III	50.80	49.61	31.75	26.33

Meets or exceeds ASME B107.110

1/2"

**SOCKETS, RATCHETS & ATTACHMENTS**

Wright Drive® 6 Pt. & 12 Pt. design sockets and combination wrenches give ten times more fastener contact area than conventional designs.



**12 Pt. Deep Sockets**

Part No.	Nom. Size	Shape	L	Ds	Dd	Bd
4612	3/8"	I	3-3/64"	39/64"	13/16"	37/64"
4614	7/16"	I	3-3/64"	11/16"	13/16"	23/32"
4616	1/2"	I	3-3/64"	47/64"	7/8"	17/64"
4618	9/16"	I	3-3/64"	13/16"	7/8"	21/64"
4620	5/8"	II	3-3/64"	7/8"	7/8"	3/8"
4622	11/16"	II	3-3/64"	63/64"	63/64"	2-11/32"
4624	3/4"	II	3-3/64"	1-1/16"	1-1/16"	2-21/64"
4626	13/16"	II	3-3/64"	1-1/8"	1-1/8"	2-19/64"
4628	7/8"	II	3-3/64"	1-3/16"	1-3/16"	2-9/32"
4630	15/16"	II	3-3/64"	1-9/32"	1-9/32"	2-17/64"
4632	1"	III	3-3/64"	1-23/64"	-	2-1/4"
4634	1-1/16"	III	3-3/64"	1-7/16"	1-7/16"	2-13/64"
4636	1-1/8"	III	3-3/64"	1-1/2"	1-7/64"	2-11/64"
4638	1-3/16"	III	3-3/64"	1-19/32"	1-7/64"	2-5/32"
4640	1-1/4"	III	3-3/64"	1-21/32"	1-7/64"	2-1/8"
4642	1-5/16"	III	3-3/64"	1-13/16"	1-7/64"	2-7/64"
4644	1-3/8"	III	3-3/64"	1-7/8"	1-1/4"	2-3/32"
4646	1-7/16"	III	3-3/64"	1-61/64"	1-1/4"	2-1/16"
4648	1-1/2"	III	3-3/64"	2-1/64"	1-1/4"	2-3/64"



Meets or exceeds ASME B107.110

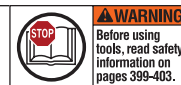
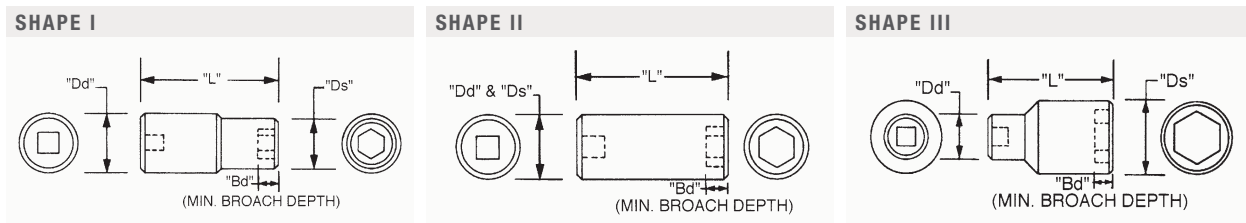
**12 Pt. Deep Metric Sockets**

Part No.	Nom. Size	Shape	L	Ds	Dd	Bd
46-09mm	9mm	I	82.55	15.08	20.64	3.97
46-10mm	10mm	I	82.55	15.48	20.64	4.76
46-11mm	11mm	I	82.55	17.53	20.64	5.55
46-12mm	12mm	I	82.55	18.64	20.64	6.35
46-13mm	13mm	I	82.55	18.67	21.97	6.75
46-14mm	14mm	I	82.55	20.32	21.97	8.33
46-15mm	15mm	II	82.55	21.97	21.97	8.33
46-16mm	16mm	II	82.55	23.11	23.11	9.53
46-17mm	17mm	II	82.55	24.21	24.21	59.84
46-18mm	18mm	II	82.55	25.40	25.40	59.51
46-19mm	19mm	II	82.55	26.99	26.99	59.13
46-20mm	20mm	II	82.55	27.78	27.78	64.05
46-21mm	21mm	II	82.55	28.58	28.58	63.72
46-22mm	22mm	II	82.55	30.16	30.16	63.38
46-24mm	24mm	II	82.55	32.67	32.67	62.72
46-25mm	25mm	III	82.55	33.34	28.10	61.11
46-26mm	26mm	III	82.55	34.93	28.10	61.41



Meets or exceeds ASME B107.110

Wright Drive® 6 Pt. & 12 Pt. design sockets and combination wrenches give ten times more fastener contact area than conventional designs.





## 6 Pt. Standard Sockets

### Black Industrial Finish

Part No.	Nom. Size	Shape	L	Ds	Dd	Bd
34012	3/8"	I	1-7/16"	39/64"	13/16"	5/32"
34014	7/16"	I	1-7/16"	11/16"	13/16"	7/32"
34016	1/2"	I	1-7/16"	3/4"	13/16"	7/64"
34018	9/16"	I	1-7/16"	53/64"	7/8"	21/64"
34020	5/8"	I	1-15/32"	29/32"	–	21/64"
34022	11/16"	II	1-15/32"	63/64"	63/64"	49/64"
34024	3/4"	II	1-15/32"	1-1/16"	1-1/16"	3/4"
34026	13/16"	II	1-9/16"	1-1/8"	1-1/8"	13/16"
34028	7/8"	II	1-5/8"	1-3/16"	1-3/16"	55/64"
34030	15/16"	II	1-5/8"	1-9/32"	1-9/32"	27/32"
34032	1"	II	1-11/16"	1-23/64"	1-23/64"	7/8"
34034	1-1/16"	III	1-3/4"	1-7/16"	1-7/64"	29/32"
34036	1-1/8"	III	1-13/16"	1-1/2"	1-7/64"	15/16"
34038	1-3/16"	III	1-7/8"	1-19/32"	1-7/64"	63/64"
34040	1-1/4"	III	1-59/64"	1-21/32"	1-7/64"	1"
34042	1-5/16"	III	1-61/64"	1-13/16"	1-7/64"	1-1/64"
34044	1-3/8"	III	2"	1-7/8"	1-1/4"	1-3/64"
34046	1-7/16"	III	2-1/16"	1-61/64"	1-1/4"	1-3/32"
34048	1-1/2"	III	2-1/8"	2-1/64"	1-1/4"	1-1/8"

For Hand Use Only.  
Meets or exceeds ASME B107.110



## 6 Pt. Deep Sockets

### Black Industrial Finish

Part No.	Nom. Size	Shape	L	Ds	Dd	Bd
34514	7/16"	I	3-3/64"	11/16"	13/16"	7/32"
34516	1/2"	I	3-3/64"	3/4"	13/16"	17/64"
34518	9/16"	I	3-3/64"	53/64"	–	21/64"
34520	5/8"	II	3-3/64"	29/32"	29/32"	3/8"
34522	11/16"	II	3-3/64"	63/64"	63/64"	2-11/32"
34524	3/4"	II	3-3/64"	1-1/16"	1-1/16"	2-21/64"
34526	13/16"	II	3-3/64"	1-1/8"	1-1/8"	2-19/64"
34528	7/8"	II	3-3/64"	1-3/16"	1-3/16"	2-9/32"
34530	15/16"	II	3-3/64"	1-9/32"	1-9/32"	2-17/64"
34532	1"	III	3-3/64"	1-23/64"	1-23/64"	2-1/4"
34534	1-1/16"	III	3-3/64"	1-7/16"	1-7/64"	2-13/64"
34536	1-1/8"	III	3-3/64"	1-1/2"	1-7/64"	2-11/64"
34540	1-1/4"	III	3-3/64"	1-21/32"	1-7/64"	2-1/8"

For Hand Use Only.  
Meets or exceeds ASME B107.110

Refer to socket dimensional drawings on page 182.





## 12 Pt. Standard Sockets

Black Industrial Finish



Part No.	Nom. Size	Shape	L	Ds	Dd	Bd
34112	3/8"	I	1-7/16"	39/64"	13/16"	5/32"
34114	7/16"	I	1-7/16"	11/16"	13/16"	7/32"
34116	1/2"	I	1-7/16"	3/4"	13/16"	17/64"
34118	9/16"	I	1-7/16"	53/64"	7/8"	21/64"
34120	5/8"	II	1-15/32"	29/32"	29/32"	3/8"
34122	11/16"	II	1-15/32"	63/64"	63/64"	49/64"
34124	3/4"	II	1-15/32"	1-1/16"	1-1/16"	3/4"
34126	13/16"	II	1-9/16"	1-1/8"	1-1/8"	13/16"
34128	7/8"	II	1-5/8"	1-3/16"	1-3/16"	55/64"
34130	15/16"	II	1-5/8"	1-9/32"	1-9/32"	27/32"
34132	1"	II	1-21/32"	1-23/64"	1-23/64"	27/32"
34134	1-1/16"	III	1-3/4"	1-7/16"	1-7/64"	29/32"
34136	1-1/8"	III	1-13/16"	1-1/2"	1-7/64"	15/16"
34138	1-3/16"	III	1-7/8"	1-19/32"	1-7/64"	63/64"
34140	1-1/4"	III	1-59/64"	1-21/32"	1-7/64"	1"
34142	1-5/16"	III	1-31/32"	1-13/16"	1-7/64"	1-1/64"
34144	1-3/8"	III	2"	1-7/8"	1-1/4"	1-3/64"
34146	1-7/16"	III	2-1/16"	1-61/64"	1-1/4"	1-3/32"
34148	1-1/2"	III	2-1/8"	2"	1-1/4"	1-1/8"

For Hand Use Only.  
Meets or exceeds ASME B107.110

## 12 Pt. Deep Standard Sockets

Black Industrial Finish



Part No.	Nom. Size	Shape	L	Ds	Dd	Bd
34612	3/8"	I	3-3/64"	39/64"	13/16"	37/64"
34614	7/16"	I	3-3/64"	11/16"	13/16"	23/32"
34616	1/2"	I	3-3/64"	3/4"	13/16"	17/64"
34618	9/16"	II	3-3/64"	53/64"	53/64"	21/64"
34620	5/8"	II	3-3/64"	29/32"	29/32"	3/8"
34622	11/16"	II	3-3/64"	63/64"	63/64"	2-11/32"
34624	3/4"	II	3-3/64"	1-1/16"	1-1/16"	2-21/64"
34626	13/16"	II	3-3/64"	1-1/8"	1-1/8"	2-19/64"
34628	7/8"	II	3-3/64"	1-3/16"	1-3/16"	2-9/32"
34630	15/16"	II	3-3/64"	1-9/32"	1-9/32"	2-17/64"
34632	1"	II	3-3/64"	1-23/64"	1-23/64"	2-1/4"
34634	1-1/16"	III	3-3/64"	1-7/16"	1-7/64"	2-13/64"
34636	1-1/8"	III	3-3/64"	1-1/2"	1-7/64"	2-11/64"
34638	1-3/16"	III	3-3/64"	1-19/32"	1-7/64"	2-5/32"
34640	1-1/4"	III	3-3/64"	1-21/32"	1-7/64"	2-1/8"
34642	1-5/16"	III	3-3/64"	1-13/16"	1-7/64"	2-7/64"
34644	1-3/8"	III	3-3/64"	1-7/8"	1-1/4"	2-3/32"
34646	1-7/16"	III	3-3/64"	1-61/64"	1-1/4"	1-1/16"
34648	1-1/2"	III	3-3/64"	2-1/64"	1-1/4"	2-3/64"

For Hand Use Only.  
Meets or exceeds ASME B107.110

Wright Drive® 6 Pt. & 12 Pt. design sockets and combination wrenches give ten times more fastener contact area than conventional designs.

Refer to socket dimensional drawings on page 185.







## 8 Pt. (Double Square) Deep Impact Sockets

Part No.	Nom. Size	Shape	L	Ds	Dd	Bd
4772	3/8"	I	3-1/4"	47/64"	15/16"	5/32"
4774	7/16"	I	3-1/4"	13/16"	31/32"	7/32"
4776	1/2"	II	3-1/4"	31/32"	31/32"	17/64"
4778	9/16"	II	3-1/4"	1-1/32"	1-1/32"	21/64"
4780	5/8"	II	3-1/4"	1-5/32"	1-5/32"	2-33/64"
4782	11/16"	II	3-1/4"	1-1/4"	1-1/4"	2-1/2"
4784	3/4"	II	3-1/4"	1-5/16"	1-5/16"	2-15/32"
4786	13/16"	II	3-1/4"	1-3/8"	1-3/8"	2-29/64"
4788	7/8"	III	3-1/2"	1-9/16"	1-3/8"	2-5/8"
4790	15/16"	III	3-1/2"	1-5/8"	1-3/8"	2-19/32"
4792	1"	III	3-1/2"	1-3/4"	1-3/8"	2-37/64"
4794	1-1/16"	III	3-1/2"	1-27/32"	1-5/8"	2-35/64"
4796	1-1/8"	III	3-1/2"	2"	1-13/32"	2-33/64"

Meets or exceeds ASME B107.110

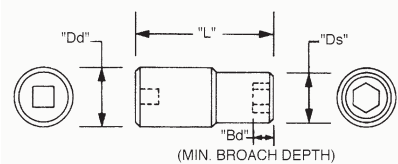


## 6 Pt. Standard Impact Sockets

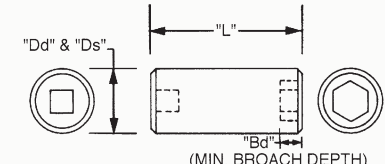
Part No.	Nom. Size	Shape	L	Ds	Dd	Bd
4812	3/8"	I	1-1/2"	21/32"	15/16"	5/32"
4814	7/16"	I	1-1/2"	23/32"	15/16"	7/32"
4816	1/2"	I	1-1/2"	51/64"	15/16"	7/64"
4818	9/16"	I	1-1/2"	57/61"	-	21/64"
4820	5/8"	II	1-1/2"	1"	1"	21/64"
4822	11/16"	II	1-1/2"	1-5/64"	1-5/64"	49/64"
4824	3/4"	II	1-1/2"	1-5/32"	1-5/32"	25/32"
4826	13/16"	II	1-9/16"	1-15/64"	1-15/64"	53/64"
4828	7/8"	II	1-5/8"	1-5/16"	1-5/16"	55/64"
4830	15/16"	II	1-11/16"	1-25/64"	1-25/64"	29/32"
4832	1"	II	1-23/32"	1-15/32"	1-15/32"	59/64"
4834	1-1/16"	III	1-3/4"	1-9/16"	1-3/8"	29/32"
4836	1-1/8"	III	1-13/16"	1-41/64"	1-3/8"	15/16"
4838	1-3/16"	III	1-7/8"	1-47/64"	1-3/8"	63/64"
4840	1-1/4"	III	1-15/16"	1-53/64"	1-3/8"	1-1/32"
4842	1-5/16"	III	2"	2"	1-3/8"	1-1/16"
4844	1-3/8"	III	2-1/16"	2-1/16"	1-17/32"	1-1/8"
4846	1-7/16"	III	2-5/32"	2-5/32"	1-17/32"	1-5/32"
4848	1-1/2"	III	2-3/16"	2-15/64"	1-17/32"	1-3/16"

Meets or exceeds ASME B107.110

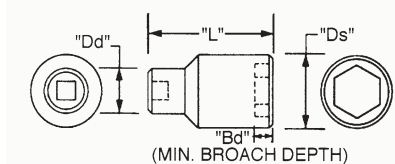
### SHAPE I



### SHAPE II



### SHAPE III



Always use a Ret Ring® when working with impact products.

## 12 Pt. Standard Impact Sockets

Part No.	Nom. Size	Shape	L	Ds	Dd	Bd
4864	7/16"	I	1-15/32"	47/64"	15/16"	7/32"
4866	1/2"	I	1-15/32"	13/16"	15/16"	17/64"
4868	9/16"	II	1-15/32"	15/16"	15/16"	21/64"
4870	5/8"	II	1-15/32"	1"	1"	3/8"
4872	11/16"	II	1-15/32"	1-1/16"	1-1/16"	49/64"
4874	3/4"	II	1-15/32"	1-5/32"	1-5/32"	3/4"
4876	13/16"	II	1-9/16"	1-15/64"	1-15/64"	53/64"
4878	7/8"	II	1-5/8"	1-5/16"	1-5/16"	55/64"
4880	15/16"	II	1-11/16"	1-25/64"	1-25/64"	29/32"
4882	1"	II	1-23/32"	1-7/16"	1-7/16"	59/64"
4884	1-1/16"	III	1-3/4"	1-1/2"	1-3/8"	29/32"
4886	1-1/8"	III	1-13/16"	1-5/8"	1-3/8"	15/16"
4888	1-3/16"	III	1-7/8"	1-11/16"	1-3/8"	63/64"
4890	1-1/4"	III	1-15/16"	1-3/4"	1-3/8"	1-1/32"
4892	1-5/16"	III	2"	2-1/64"	1-3/8"	1-1/16"
4894	1-3/8"	III	2-1/16"	2-1/16"	1-17/32"	1-1/8"
4896	1-7/16"	III	2-1/8"	2-5/32"	1-17/32"	1-5/32"
4898	1-1/2"	III	2-3/16"	2-15/64"	1-17/32"	1-3/16"

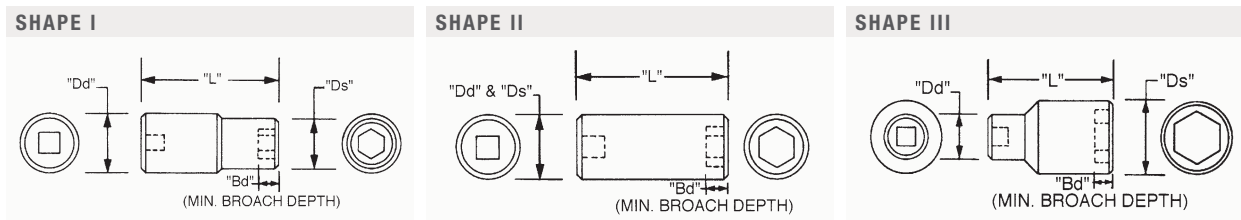
Meets or exceeds ASME B107.110



## 6 Pt. Standard Impact Metric Sockets

Part No.	Nom. Size	Shape	L	Ds	Dd	Bd
48-10mm	10mm	I	38.10	17.02	23.75	7.94
48-11mm	11mm	I	38.10	18.16	23.75	7.14
48-12mm	12mm	I	38.10	19.56	23.75	8.33
48-13mm	13mm	I	38.10	20.70	23.75	16.67
48-14mm	14mm	I	38.10	22.23	23.75	10.32
48-15mm	15mm	I	38.10	23.75	-	10.32
48-16mm	16mm	II	38.10	25.27	25.27	11.90
48-17mm	17mm	II	38.10	26.29	26.29	19.84
48-18mm	18mm	II	38.10	27.89	27.89	20.27
48-19mm	19mm	II	38.10	29.26	29.26	20.27
48-20mm	20mm	II	39.67	30.25	30.25	21.20
48-21mm	21mm	II	39.67	31.37	31.37	20.87
48-22mm	22mm	II	41.28	32.72	32.72	22.11
48-23mm	23mm	II	42.85	33.96	33.96	23.37
48-24mm	24mm	II	42.85	35.28	35.28	23.04
48-25mm	25mm	II	43.69	37.47	37.47	23.52
48-26mm	26mm	III	44.45	39.62	34.93	23.35
48-27mm	27mm	III	44.45	39.62	34.93	22.98
48-28mm	28mm	III	46.02	41.07	34.93	24.25
48-30mm	30mm	III	47.63	44.07	34.93	25.16
48-32mm	32mm	III	49.23	46.23	34.93	26.09
48-36mm	36mm	III	53.98	52.35	38.99	29.51

Meets or exceeds ASME B107.110



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.



## 6 Pt. Deep Impact Sockets

Part No.	Nom. Size	Shape	L	Ds	Dd	Bd
4912	3/8"	I	3-1/4"	21/32"	15/16"	5/32"
4914	7/16"	I	3-1/4"	23/32"	15/16"	7/32"
4916	1/2"	I	3-1/4"	51/64"	15/16"	17/64"
4918	9/16"	I	3-1/4"	7/8"	31/32"	21/64"
4920	5/8"	II	3-1/4"	1"	1"	3/8"
4922	11/16"	II	3-1/4"	1-1/16"	1-1/16"	2-35/64"
4924	3/4"	II	3-1/4"	1-5/32"	1-5/32"	2-17/32"
4926	13/16"	II	3-1/4"	1-15/64"	1-15/64"	2-1/2"
4928	7/8"	II	3-1/4"	1-5/16"	1-5/16"	2-3/4"
4930	15/16"	II	3-1/4"	1-3/8"	1-3/8"	2-27/32"
4932	1"	III	3-1/2"	1-7/16"	1-7/16"	2-45/64"
4934	1-1/16"	III	3-1/2"	1-1/2"	1-3/8"	2-21/32"
4936	1-1/8"	III	3-1/2"	1-5/8"	1-3/8"	2-5/8"
4938	1-3/16"	III	3-1/2"	1-3/4"	1-3/8"	2-19/32"
4940	1-1/4"	III	3-1/2"	1-3/4"	1-3/8"	2-19/32"
4942	1-5/16"	III	3-5/8"	2-1/64"	1-3/8"	2-9/16"
4944	1-3/8"	III	3-5/8"	2-1/16"	1-17/32"	2-35/64"
4946	1-7/16"	III	3-5/8"	2-5/32"	1-17/32"	2-17/32"
4948	1-1/2"	III	3-5/8"	2-15/64"	1-17/32"	2-1/2"

\*Not recommended for Dayton wheel use  
Meets or exceeds ASME B107.110

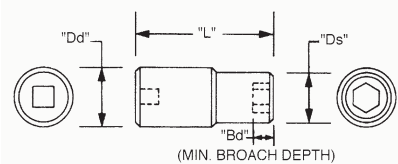


## 12 Pt. Deep Impact Socket

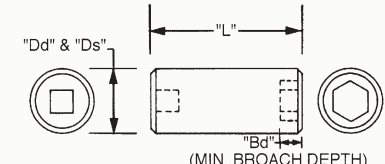
Part No.	Nom. Size	Shape	L	Ds	Dd	Bd
4964	7/16"	I	3-1/4"	47/64"	15/16"	7/32"
4966	1/2"	I	3-1/4"	13/16"	15/16"	17/64"
4968	9/16"	II	3-1/4"	15/16"	15/16"	21/64"
4970	5/8"	II	3-1/4"	1"	1"	3/8"
4972	11/16"	II	3-1/4"	1-1/16"	1-1/16"	3/8"
4974	3/4"	II	3-1/4"	1-5/32"	1-5/32"	2-1/2"
4976	13/16"	II	3-1/4"	1-15/64"	1-15/64"	2-1/2"
4978	7/8"	II	3-1/4"	1-5/16"	1-5/16"	2-3/4"
4980	15/16"	II	3-1/4"	1-3/8"	1-3/8"	2-27/32"
4982	1"	III	3-1/2"	1-7/16"	1-7/16"	2-45/64"
4984	1-1/16"	III	3-1/2"	1-1/2"	1-3/8"	2-21/32"
4986	1-1/8"	III	3-1/2"	1-5/8"	1-3/8"	2-5/8"
4988	1-3/16"	III	3-1/2"	1-3/4"	1-3/8"	2-19/32"
4990A	1-1/4"	III	3-1/2"	1-3/4"	1-3/8"	2-19/32"
4992	1-5/16"	III	3-5/8"	2-1/64"	1-3/8"	2-9/16"
4994	1-3/8"	III	3-5/8"	2-1/16"	1-17/32"	2-35/64"
4996	1-7/16"	III	3-5/8"	2-5/32"	1-17/32"	2-17/32"
4998	1-1/2"	III	3-5/8"	2-15/64"	1-17/32"	2-1/2"

Meets or exceeds ASME B107.110

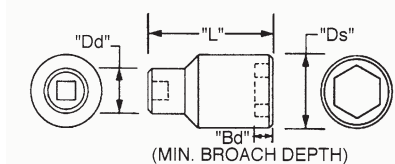
SHAPE I



SHAPE II



SHAPE III



Always use a Ret Ring® when working with impact products.

## 6 Pt. Deep Metric Impact Sockets

Part No.	Nom. Size	Shape	L	Ds	Dd	Bd
49-10mm	10mm	I	82.55	17.06	23.81	7.94
49-11mm	11mm	I	82.55	18.26	23.81	7.14
49-12mm	12mm	I	82.55	19.86	23.81	8.33
49-13mm	13mm	I	82.55	20.64	23.81	8.33
49-14mm	14mm	I	82.55	22.23	24.60	10.32
49-15mm	15mm	II	82.55	24.60	24.60	10.32
49-16mm	16mm	II	82.55	25.40	25.40	11.90
49-17mm	17mm	II	82.55	26.59	26.59	12.29
49-18mm	18mm	II	82.55	27.76	27.76	64.72
49-19mm	19mm	II	82.55	29.36	29.36	64.05
49-20mm	20mm	II	82.55	30.16	30.16	63.72
49-21mm	21mm	II	82.55	31.75	31.75	63.38
49-22mm	22mm	II	82.55	32.54	32.54	69.40
49-23mm	23mm	II	82.55	34.14	34.14	69.07
49-24mm	24mm	II	88.90	35.31	35.31	68.73
49-27mm	27mm	III	88.90	38.10	34.93	67.43
49-29mm	29mm	III	88.90	41.26	34.93	66.76
49-30mm	30mm	III	88.90	42.88	34.93	66.43
49-31mm	31mm	III	88.90	44.45	34.93	66.43
49-32mm	32mm	III	88.90	44.45	34.93	65.76
49-34mm	34mm	III	88.90	51.18	34.93	65.10
49-35mm	35mm	III	88.90	52.37	38.88	64.76
49-36mm	36mm	III	88.90	52.37	38.88	64.43



Meets or exceeds ASME B107.110

## 5 Pt. Black Penta Socket

Note: The 9076 is not impact rated. For hand or drill use but not impact guns.

Part No.	Nom. Size	Shape	L	Ds	Dd	Bd
<b>Thin Wall 5pt Black Penta Socket</b>						
9076	13/16" 5 Pt. Socket	II	1-15/16"	—	1-1/8"	13/16"
<b>5pt Black Penta Impact Socket</b>						
90H76	13/16" 5 Pt. Impact Socket	II	1-15/16"	—	1-9/32"	13/16"



Meets or exceeds ASME B107.110

Refer to socket dimensional drawings on page 187.



### Hex Bit Sockets & Replacement Hex Bits

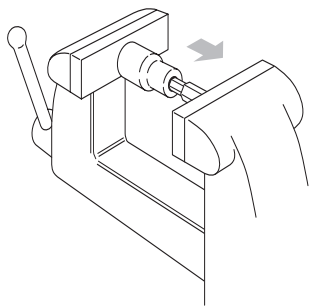
Part No.	Nom. Size	Shape	L	Ds	Dd	L1	Replacement Bit Part No.	Bit Length
4208	1/4"	III	2-7/32"	21/32"	15/16"	11/16"	3208B	1-1/2"
4210	5/16"	III	2-7/32"	43/64"	15/16"	11/16"	3210B	1-1/2"
4212	3/8"	III	2-7/16"	45/64"	15/16"	15/16"	4212B	1-1/2"
4214	7/16"	III	2-7/16"	3/4"	15/16"	15/16"	4214B	1-1/2"
4216	1/2"	IV	2-7/16"	15/16"	-	15/16"	4216B	1-1/2"
4218	9/16"	IV	2-7/16"	1-1/32"	-	15/16"	4218B	1-1/2"
4220	5/8"	IV	2-7/16"	1-1/32"	-	15/16"	4220B	1-1/2"

Meets or exceeds ASME B107.110

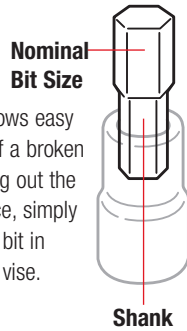
### Metric Hex Bit Sockets & Replacement Hex Bits

Part No.	Nom. Size	Shape	L	Ds	Dd	L1	Replacement Bit Part No.	Bit Length
42-06mm	6mm	III	56.00	16.94	23.78	17.22	32M06B	38.10
42-08mm	8mm	III	56.00	16.94	23.78	18.00	32M08B	38.10
42-10mm	10mm	III	62.00	19.00	23.78	24.38	42M10B	38.10
42-12mm	12mm	III	62.00	23.78	23.78	24.38	42M12B	38.10
42-14mm	14mm	II	62.00	26.00	26.00	24.38	42M14B	38.10
42-17mm	17mm	II	62.00	27.80	27.80	24.38	42M17B	38.10

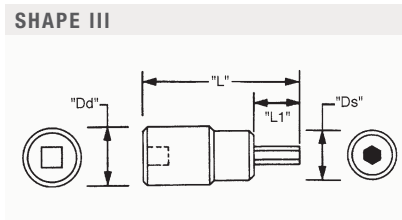
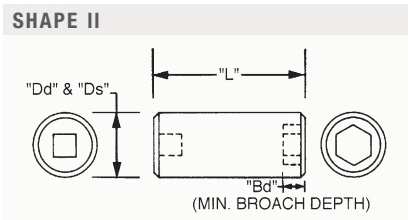
Meets or exceeds ASME B107.110



The design allows easy replacement of a broken bit. After driving out the remaining piece, simply press the new bit in using a bench vise.



Replacement Hex Bits



1/2"

### Long Length Hex Bit Sockets & Replacement Hex Bits

Part No.	Nom. Size	Shape	L	Ds	Dd	L1	Replacement Bit Part No.	Bit Length
42L08	1/4"	III	6-1/2"	43/64"	15/16"	5"	42L08B	5-1/2"
42L10	5/16"	III	6-1/2"	43/64"	15/16"	5"	42L10B	5-1/2"
42L12	3/8"	III	6-1/2"	45/64"	15/16"	5"	42L12B	5-1/2"
42L14	7/16"	III	6-1/2"	3/4"	15/16"	5"	42L14B	5-1/2"
42L16	1/2"	IV	6-1/2"	15/16"	-	5"	42L16B	5-1/2"
42L18	9/16"	IV	6-1/2"	1-1/32"	-	5"	42L18B	5-1/2"
42L20	5/8"	IV	6-1/2"	1-1/32"	-	5"	42L20B	5-1/2"

Meets or exceeds ASME B107.110

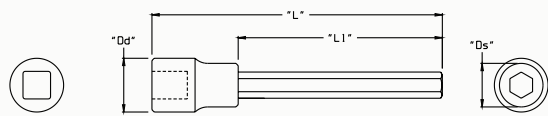


### Long Length Metric Hex Bit Sockets & Replacement Hex Bits

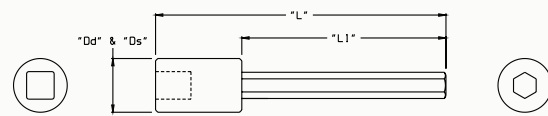
Part No.	Nom. Size	Shape	L	Ds	Dd	L1	Replacement Bit Part No.	Bit Length
42L-06mm	6mm	III	165.00	16.94	23.78	127.00	42L-06MMB	139.70
42L-08mm	8mm	III	165.00	16.94	23.78	127.00	42L-08MMB	139.70
42L-10mm	10mm	III	165.00	19.00	23.78	127.00	42L-10MMB	139.70
42L-12mm	12mm	IV	165.00	23.78	-	127.00	42L-12MMB	139.70
42L-14mm	14mm	IV	165.00	26.00	-	127.00	42L-14MMB	139.70
42L-17mm	17mm	IV	165.00	28.00	-	127.00	42L-17MMB	139.70

Meets or exceeds ASME B107.110

SHAPE III



SHAPE IV



### Impact Hex Bit Sockets & Replacement Hex Bits

Part No.	Nom. Size	L	Dd	L1	Bit Length	Replacement Bit Part No.
42B08	1/4"	2-7/16"	15/16"	15/16"	1-1/2"	42B08B
42B10	5/16"	2-7/16"	15/16"	15/16"	1-1/2"	42B10B
42B12	3/8"	2-7/16"	15/16"	15/16"	1-1/2"	42B12B
42B14	7/16"	2-7/16"	15/16"	15/16"	1-1/2"	42B14B
42B16	1/2"	2-5/8"	1-1/16"	1"	1-5/8"	42B16B
42B18	9/16"	2-5/8"	1-1/16"	1"	1-5/8"	42B18B
42B20	5/8"	2-5/8"	1-1/16"	1"	1-5/8"	42B20B

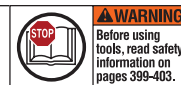
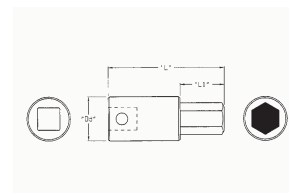
Meets or exceeds ASME B107.110



### Metric Impact Hex Bit Sockets & Replacement Hex Bits

Part No.	Nom. Size	L	Dd	L1	Bit Length	Replacement Bit Part No.
42B-06MM	6mm	61.98	23.62	23.88	38.10	42BM06B
42B-08MM	8mm	61.98	23.62	23.88	38.10	42BM08B
42B-10MM	10mm	61.98	23.62	23.88	38.10	42BM10B
42B-12MM	12mm	66.68	26.80	25.40	41.28	42BM12B
42B-14MM	14mm	66.68	26.80	25.40	41.28	42BM14B
42B-17MM	17mm	66.68	26.80	25.40	41.28	42BM17B

Meets or exceeds ASME B107.110





9287



9288

## Torx® Bits

Part No.	Hex Size	Shape	Bit Size	L
9287	7/16"	I	T-55	1-1/2"
9288	1/2" Sq. Drive	II	T-60	2-1/8"

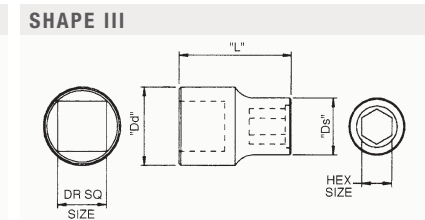
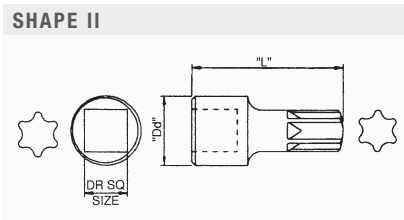
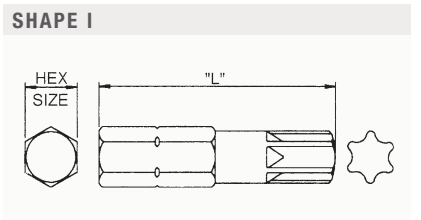
Meets or exceeds ASME B107.110



## Torx® Bit Holders

Part No.	Description	Shape	Dr. Sq. Size	Hex Size	L	Dd	Dd
9291	1/2" Dr. 7/16" Hex Bit Holder	III	1/2"	7/16"	1-1/2"	7/8"	11/16"

Meets or exceeds ASME B107.110



**31 Pieces – 12 Pt. Standard Socket Set  
Set No. 631**

Part No.	Description	Part No.	Description
6128	7/8"	6160	1-7/8"
6130	15/16"	6164	2"
6132	1"	6166	2-1/16"
6134	1-1/16"	6168	2-1/8"
6136	1-1/8"	6170	2-3/16"
6138	1-3/16"	6172	2-1/4"
6140	1-1/4"	6176	2-3/8"
6142	1-5/16"	6400	Ratchet
6144	1-3/8"	6403	3-1/2" Extension
6146	1-7/16"	6408	8" Extension
6148	1-1/2"	6416	16" Extension
6150	1-9/16"	6435	Flex Handle
6152	1-5/8"	6440	Bull Bar
6154	1-11/16"	6443	Sliding T
6156	1-3/4"	6475	Universal
6158	1-13/16"	237	Metal Box


**22 Pieces – 12 Pt. Standard Socket Set  
Set No. 623**

Part No.	Description	Part No.	Description
6128	7/8"	6152	1-5/8"
6130	15/16"	6154	1-11/16"
6132	1"	6156	1-3/4"
6134	1-1/16"	6158	1-13/16"
6136	1-1/8"	6160	1-7/8"
6138	1-3/16"	6164	2"
6140	1-1/4"	6400	Ratchet
6142	1-5/16"	6403	3-1/2" Extension
6144	1-3/8"	6408	8" Extension
6146	1-7/16"	6443	Sliding T
6148	1-1/2"	237	Metal Box
6150	1-9/16"		


**3/4"**
**SOCKETS, RATCHETS & ATTACHMENTS**






## 19 Pieces – 12 Pt. Standard Socket Set Set No. 618

Part No.	Description	Part No.	Description
6128	7/8"	6152	1-5/8"
6130	15/16"	6154	1-11/16"
6132	1"	6156	1-3/4"
6134	1-1/16"	6158	1-13/16"
6136	1-1/8"	6160	1-7/8"
6140	1-1/4"	6164	2"
6142	1-5/16"	6400	Ratchet
6144	1-3/8"	6408	8" Extension
6146	1-7/16"	6435	Flex Handle
6148	1-1/2"	237	Metal Box



## 13 Pieces – 12 Pt. Standard Socket Set Set No. 614

Part No.	Description	Part No.	Description
6128	7/8"	6144	1-3/8"
6130	15/16"	6146	1-7/16"
6132	1"	6148	1-1/2"
6134	1-1/16"	6152	1-5/8"
6136	1-1/8"	6400	Ratchet
6140	1-1/4"	6408	8" Extension
6142	1-5/16"	96A	Metal Box



## 13 Pieces – 6 Pt. Deep Socket Set Set No. 625

Part No.	Description	Part No.	Description
6524	3/4"	6538	1-3/16"
6526	13/16"	6540	1-1/4"
6528	7/8"	6542	1-5/16"
6530	15/16"	6544	1-3/8"
6532	1"	6546	1-7/16"
6534	1-1/16"	6548	1-1/2"
6536	1-1/8"	23	Metal Box

3/4"

SOCKETS, RATCHETS & ATTACHMENTS



## 31 Pieces – 12 Pt. Standard Metric Socket Set Set No. 650

Part No.	Description	Part No.	Description
61-19mm	19mm	61-41mm	41mm
61-21mm	21mm	61-42mm	42mm
61-22mm	22mm	61-46mm	46mm
61-23mm	23mm	61-50mm	50mm
61-24mm	24mm	61-54mm	54mm
61-25mm	25mm	61-55mm	55mm
61-26mm	26mm	61-58mm	58mm
61-27mm	27mm	61-60mm	60mm
61-28mm	28mm	6400	3/4" Drive Ratchet
61-29mm	29mm	6403	3-1/2" Extension
61-30mm	30mm	6408	8" Extension
61-31mm	31mm	6416	16" Extension
61-32mm	32mm	6435	3/4" Drive Flex Handle
61-35mm	35mm	6443	Sliding T
61-36mm	36mm	6475	Universal
61-38mm	38mm	237	Metal Box



## 24 Pieces – 12 Pt. Standard Metric Socket Set Set No. 624

Part No.	Description	Part No.	Description
61-19mm	19mm	61-35mm	35mm
61-21mm	21mm	61-36mm	36mm
61-22mm	22mm	61-38mm	38mm
61-23mm	23mm	61-41mm	41mm
61-24mm	24mm	61-42mm	42mm
61-25mm	25mm	61-46mm	46mm
61-26mm	26mm	61-50mm	50mm
61-27mm	27mm	61-54mm	54mm
61-28mm	28mm	61-55mm	55mm
61-29mm	29mm	61-58mm	58mm
61-30mm	30mm	61-60mm	60mm
61-31mm	31mm		Cardboard Carton
61-32mm	32mm		



3/4"

SOCKETS, RATCHETS & ATTACHMENTS





## 9 Pieces – 12 Pt. Impact Socket Set Set No. 603

Part No.	Description	Part No.	Description
67H24	3/4"	67H34	1-1/16"
67H26	13/16"	67H36	1-1/8"
67H28	7/8"	67H38	1-3/16"
67H30	15/16"	67H40	1-1/4"
67H32	1"	Cardboard Carton	



## 11 Pieces – 12 Pt. Impact Socket Set Set No. 604

Part No.	Description	Part No.	Description
67H42	1-5/16"	67H54	1-11/16"
67H44	1-3/8"	67H56	1-3/4"
67H46	1-7/16"	67H58	1-13/16"
67H48	1-1/2"	67H60	1-7/8"
67H50	1-9/16"	67H64	2"
67H52	1-5/8"	Cardboard Carton	



## 9 Pieces – 6 Pt. Standard Impact Socket Set Set No. 609

Part No.	Description	Part No.	Description
6824	3/4"	6834	1-1/16"
6826	13/16"	6836	1-1/8"
6828	7/8"	6838	1-3/16"
6830	15/16"	6840	1-1/4"
6832	1"	Cardboard Carton	



3/4"

SOCKETS, RATCHETS & ATTACHMENTS



Always use a Ret Ring® when working with impact products.

**14 Pieces – 6 Pt. Standard Impact Socket Set Set No. 610**

Part No.	Description	Part No.	Description
6824	3/4"	6840	1-1/4"
6826	13/16"	6842	1-5/16"
6828	7/8"	6844	1-3/8"
6830	15/16"	6846	1-7/16"
6832	1"	6848	1-1/2"
6834	1-1/16"	6852	1-5/8"
6836	1-1/8"	22	Metal Box
6838	1-3/16"		



**8 Pieces – 6 Pt. Deep Impact Socket Set Set No. 608**

Part No.	Description	Part No.	Description
6928	7/8"	6940	1-1/4"
6930	15/16"	6942	1-5/16"
6932	1"	6948	1-1/2"
6934	1-1/16"		Cardboard Carton
6936	1-1/8"		



**5 Pieces – Impact Hex Bit Socket Set Set No. 606**

Part No.	Description	Part No.	Description
6218	9/16"	6228	7/8"
6220	5/8"	6232	1"
6224	3/4"		Cardboard Carton



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.



## 5 Pieces – Metric Impact Hex Bit Socket Set Set No. 607

Part No.	Description	Part No.	Description
62-14mm	14mm	62-22mm	22mm
62-17mm	17mm	62-24mm	24mm
62-19mm	19mm	Cardboard Carton	



## 19 Pieces – ⑥ Pt. Standard Metric Impact Socket Set Set No. 655

Part No.	Description	Part No.	Description
68-17mm	17mm	68-29mm	29mm
68-19mm	19mm	68-30mm	30mm
68-20mm	20mm	68-32mm	32mm
68-21mm	21mm	68-33mm	33mm
68-22mm	22mm	68-34mm	34mm
68-23mm	23mm	68-35mm	35mm
68-24mm	24mm	68-38mm	36mm
68-26mm	26mm	68-38mm	38mm
68-27mm	27mm	68-41mm	41mm
68-28mm	28mm	Cardboard Box	



## 14 Pieces – ⑥ Pt. Deep Metric Impact Socket Set Set No. 660

Part No.	Description	Part No.	Description
69-17mm	19mm	69-32mm	32mm
69-19mm	21mm	69-33mm	33mm
69-20mm	22mm	69-35mm	35mm
69-21mm	23mm	69-36mm	36mm
69-22mm	24mm	69-38mm	38mm
69-23mm	26mm	69-41mm	41mm
69-24mm	27mm	Cardboard Box	
69-28mm	30mm		

3/4"

SOCKETS, RATCHETS & ATTACHMENTS



Always use a Ret Ring® when working with impact products.

### Ratchets

Drop forged, one-piece handle. Handle design allows operator to "feel" the fastener. Precision machined 45 tooth head gives long life and short arc swing. Kit is easily removed for cleaning or replacement.

1,000 ft. lbs.



6400



36400

Part No.	Description	Overall Length
6400	Knurled Steel Handle	24"
36400	Black Knurled Steel Handle	24"
6425	Long Black Knurled Steel Handle	42"

Meets or exceeds ASME B107.110



6425

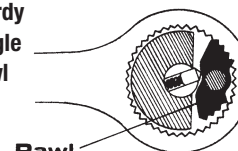
### Renewal Kit

Part No.	Description
6402	45 Tooth, 6400 Ratchet
36402	For 6425, 36400 Ratchet - Black

NOTE: When cleaning your ratchet re-lubricate with light oil only.



Sturdy  
Single  
Pawl



### Extensions

Part No.	Description
6403	3-1/2"
6408	8"
6416	16"

Meets or exceeds ASME B107.110



### Flex Handles

Steel pin and tension washer construction for added strength. No binding or locked joint.

Part No.	Description	Overall Length
6435	Knurled Steel Handle	23"
36435	Black Knurled Steel Handle	23"

Meets or exceeds ASME B107.110



6435



36435

3/4"

SOCKETS, RATCHETS & ATTACHMENTS



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
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**WARNING**  
Comfort or plastic grips do not protect against electric shock.



## Bull Bar

2-set screw locking position head – knurled grip 24" length. Extra strength for heavy-duty applications. 1,000 ft. lbs

Part No.	Description
6440	24"
6441	Repair Kit for 6440

Meets or exceeds ASME B107.110



## Universal

Steel pin and tension washer construction for added strength. No binding or locked joint.

Part No.	Overall Length
6475	3-13/16"

Meets or exceeds ASME B107.110



## Sliding T

Head held in place by friction ball so it can slide to ends of bar with no overhang. Works in tighter places.

Part No.	Overall Length
6443	17-1/2"

Meets or exceeds ASME B107.110



## Adaptor

For interchange of sockets and attachments from one drive size to another.

Part No.	Description	Length
6450	3/4" F x 1/2" M	2-1/8"

Meets or exceeds ASME B107.110  
Guarantee does not apply



### Impact Universal Joint

Part No.	Description	Ret Ring	Overall Length	OD
6800	Universal	6581	3-1/2"	1-7/8"

Meets or exceeds ASME B107.110



### Impact Adaptors

Part No.	Description	Ret Ring	Length
6900	3/4" F x 1/2" M	6580	2-1/8"
6901	3/4" F x 1" M	6581	2-1/2"

Guarantee does not apply  
Meets or exceeds ASME B107.110



6900



6901

### Impact Extensions

Part No.	Description	Ret Ring
6907	7"	6581
6910	10"	6581
6913	13"	6581
69E24	24"	6581
69E36	36"	6581

Meets or exceeds ASME B107.110



3/4"

SOCKETS, RATCHETS & ATTACHMENTS



**WARNING**  
Wear safety goggles user and bystander.

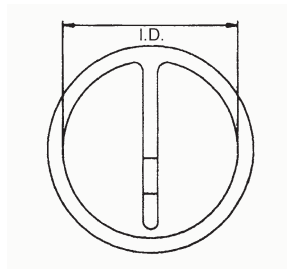


**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.

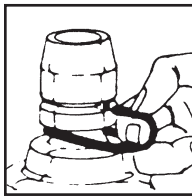




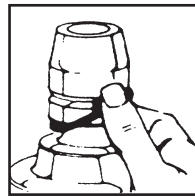
### 3/4" Drive Ret Ring® One-Piece Socket Retainers

Conveniently replaces "O" Rings and Pins. See individual part numbers for size.

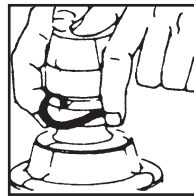
Part No.	I.D.	Part No.	I.D.
6580	1-1/4"	6582C	2"
6581	1-7/16"	6582B	2-1/8"
6582	1-5/8"	6582D	2-1/4"
6582A	1-3/4"		



**Step 1**  
Place Socket Retainer over square driver. Place Socket on square driver aligning retention holes. Hold center pin of Retainer between thumb and index finger, and insert it through retention holes.



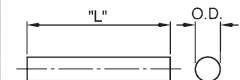
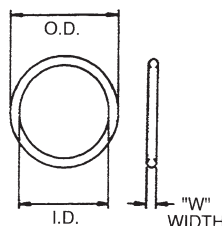
**Step 2**  
Push center pin of Socket Retainer all the way in.



**Step 3**  
Pull O-ring of Socket Retainer up into groove on Socket.

### "O" Rings and Pins as an Alternative to Ret Rings

Ret Ring	Ret Ring ID	"O" Ring	"O" Ring Width	"O" Ring ID	Pin	Pin OD	Pin Length
6580	1-1/4"	6575	1/8"	1-1/4"	6576	3/16"	1-1/4"
6581	1-7/16"	6577	1/8"	1-7/16"	6576	3/16"	1-1/4"
6582	1-5/8"	6578	1/8"	1-5/8"	6576	3/16"	1-1/4"
6582A	1-3/4"	8577	1/8"	1-3/4"	8576	3/16"	1-3/4"
6582C	2"	8577	1/8"	1-3/4"	8576	3/16"	1-3/4"
6582B	2-1/8"	8578	1/8"	2-1/8"	8580	3/16"	2-1/8"
6582D	2-1/4"	8578	1/8"	2-1/8"	8580	3/16"	2-1/8"



Always use a Ret Ring® when working with impact products.

## 6 Pt. Deep Sockets

Part No.	Nom. Size	Shape	L	Ds	Dd	Bd
6524	3/4"	II	3-1/2"	1-15/64"	1-19/64"	1/2"
6526	13/16"	II	3-1/2"	1-19/64"	1-19/64"	1/2"
6528	7/8"	II	3-1/2"	1-3/8"	1-3/8"	17/32"
6530	15/16"	II	3-1/2"	1-27/64"	1-27/64"	9/16"
6532	1"	II	3-1/2"	1-15/32"	1-15/32"	19/32"
6534	1-1/16"	III	3-1/2"	1-37/64"	1-7/16"	2-1/2"
6536	1-1/8"	III	3-1/2"	1-21/32"	1-7/16"	2-31/64"
6538	1-3/16"	III	3-1/2"	1-23/32"	1-32/64"	2-15/32"
6540	1-1/4"	III	3-1/2"	1-55/64"	1-1/2"	2-7/16"
6542	1-5/16"	III	3-1/2"	1-29/32"	1-9/16"	2-27/64"
6544	1-3/8"	III	3-1/2"	1-29/32"	1-9/16"	2-13/32"
6546	1-7/16"	III	3-1/2"	2-1/16"	1-43/64"	2-3/8"
6548	1-1/2"	III	3-1/2"	2-3/32"	1-43/64"	2-23/64"
6552	1-5/8"	III	3-1/2"	2-7/32"	1-39/64"	2-5/16"



Meets or exceeds ASME B107.110

## 12 Pt. Standard Sockets

Part No.	Nom. Size	Shape	L	Ds	Dd	Bd
6124	3/4"	I	2"	1-15/64"	1-19/64"	1/2"
6126	13/16"	II	2"	1-19/64"	1-19/64"	1/2"
6128	7/8"	II	2"	1-3/8"	1-3/8"	1/2"
6130	15/16"	II	2"	1-13/32"	1-13/32"	35/64"
6132	1"	II	2-1/32"	1-15/32"	1-15/32"	1-1/32"
6134	1-1/16"	III	2-1/16"	1-9/16"	1-29/64"	1-3/64"
6136	1-1/8"	III	2-1/8"	1-43/64"	1-29/64"	1-5/64"
6138	1-3/16"	III	2-1/8"	1-23/32"	1-29/64"	1-1/16"
6140	1-1/4"	III	2-3/16"	1-27/32"	1-37/64"	1-7/64"
6142	1-5/16"	III	2-1/4"	1-29/32"	1-37/64"	1-5/32"
6144	1-3/8"	III	2-1/4"	1-29/32"	1-37/64"	1-1/8"
6146	1-7/16"	III	2-5/16"	2-1/16"	1-37/64"	1-11/64"
6148	1-1/2"	III	2-5/16"	2-3/32"	1-39/64"	1-5/32"
6150	1-9/16"	III	2-7/16"	2-3/32"	1-39/64"	1-1/4"
6152	1-5/8"	III	2-1/2"	2-7/32"	1-39/64"	1-19/64"
6154	1-11/16"	III	2-1/2"	2-5/16"	1-5/8"	1-9/32"
6156	1-3/4"	III	2-21/32"	2-25/64"	1-43/64"	1-13/32"
6158	1-13/16"	III	2-13/16"	2-1/2"	1-3/4"	1-35/64"
6160	1-7/8"	III	2-7/8"	2-19/32"	1-3/4"	1-37/64"
6164	2"	III	3"	2-11/16"	1-3/4"	1-11/16"
6166	2-1/16"	III	3-1/32"	2-47/64"	1-61/64"	1-45/64"
6168	2-1/8"	III	3-1/16"	2-55/64"	1-61/64"	1-23/32"
6170	2-3/16"	III	3-1/16"	2-55/64"	1-61/64"	1-11/16"
6172	2-1/4"	III	3-1/16"	3-1/32"	1-61/64"	1-51/64"
6176	2-3/8"	III	3-1/32"	1-61/64"	1-13/16"	2"



Meets or exceeds ASME B107.110

Refer to socket dimensional drawings on page 203.

3/4"

SOCKETS, RATCHETS & ATTACHMENTS



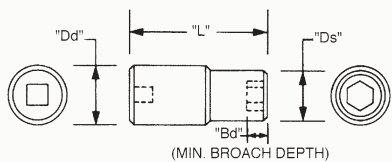


**12** Pt. Standard Metric Sockets

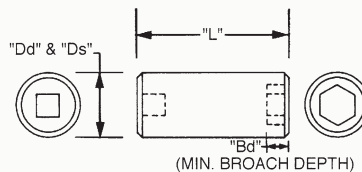
Part No.	Nom. Size	Shape	L	Ds	Dd	Bd
61-19mm	19mm	I	50.80	31.34	32.94	12.7
61-20mm	20mm	II	50.80	32.13	32.13	12.70
61-21mm	21mm	II	50.80	32.94	32.94	12.70
61-22mm	22mm	II	50.80	34.14	34.14	12.70
61-23mm	23mm	II	50.80	34.52	34.52	13.49
61-24mm	24mm	II	50.80	34.93	34.93	13.89
61-25mm	25mm	II	51.21	36.53	36.53	14.30
61-26mm	26mm	II	51.21	37.31	37.31	26.08
61-27mm	27mm	III	52.39	40.08	36.91	26.59
61-28mm	28mm	III	53.98	40.87	36.91	28.41
61-29mm	29mm	III	53.98	42.06	36.91	28.08
61-30mm	30mm	III	53.98	42.88	36.91	27.75
61-31mm	31mm	III	55.58	44.45	40.08	29.02
61-32mm	32mm	III	55.58	46.43	40.08	28.68
61-33mm	33mm	III	57.15	48.39	40.08	28.68
61-34mm	34mm	III	57.15	48.39	40.08	28.68
61-35mm	35mm	III	57.15	48.41	40.08	28.58
61-36mm	36mm	III	58.74	51.59	40.08	30.52
61-38mm	38mm	III	60.33	53.19	41.28	31.43
61-40mm	40mm	III	63.50	53.34	41.91	22.75
61-41mm	41mm	III	64.29	56.36	40.87	34.39
61-42mm	42mm	III	65.10	56.36	40.87	34.87
61-43mm	43mm	III	65.10	58.80	41.53	36.00
61-46mm	46mm	III	73.03	60.33	44.45	41.47
61-50mm	50mm	III	76.20	66.27	44.45	43.31
61-54mm	54mm	III	77.80	72.24	49.23	43.66
61-55mm	55mm	III	80.16	72.62	49.23	45.60
61-58mm	58mm	III	82.55	75.41	49.23	46.99
61-60mm	60mm	III	82.55	79.38	49.23	46.32

Meets or exceeds ASME B107.110

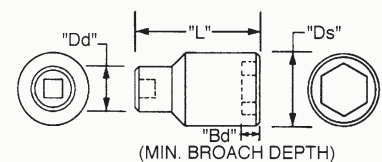
**SHAPE I**



**SHAPE II**



**SHAPE III**



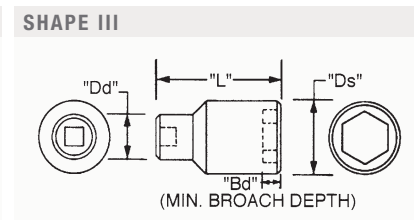
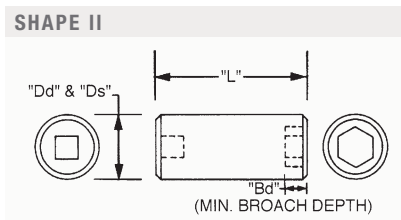
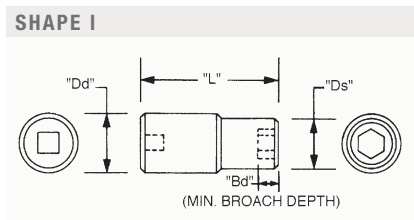
## 12 Pt. Standard Impact Sockets



Part No.	Nom. Size	Ret Ring	Shape	L	Ds	Dd	Bd
67H18	9/16"	6581	I	2-3/32"	1"	1-5/8"	21/64"
67H20	5/8"	6581	I	2-3/32"	1-3/32"	1-5/8"	9/32"
67H22	11/16"	6581	I	2-3/32"	1-11/64"	1-5/8"	5/16"
67H24	3/4"	6581	I	2-3/32"	1-15/64"	1-5/8"	9/16"
67H26	13/16"	6581	I	2-1/8"	1-3/8"	1-5/8"	39/64"
67H28	7/8"	6581	I	2-1/8"	1-1/2"	1-5/8"	39/64"
67H30	15/16"	6581	I	2-1/8"	1-9/16"	1-5/8"	19/32"
67H32	1"	6581	II	2-1/8"	1-5/8"	1-5/8"	35/64"
67H34	1-1/16"	6581	II	2-1/8"	1-11/16"	1-11/16"	1-7/64"
67H36	1-1/8"	6582	II	2-1/8"	1-3/4"	1-3/4"	1-3/32"
67H38	1-3/16"	6582A	II	2-1/8"	1-7/8"	1-7/8"	1-1/16"
67H40	1-1/4"	6582A	II	2-1/8"	2"	2"	1-3/64"
67H42	1-5/16"	6582A	II	2-1/8"	2"	2"	1-1/32"
67H44	1-3/8"	6582A	III	2-1/4"	2-1/8"	1-29/32"	1-1/8"
67H46	1-7/16"	6582A	III	2-1/4"	2-1/8"	1-29/32"	1-1/8"
67H48	1-1/2"	6582A	III	2-1/2"	2-5/16"	1-29/32"	1-23/64"
67H50	1-9/16"	6582A	III	2-1/2"	2-13/32"	1-29/32"	1-11/32"
67H52	1-5/8"	6582A	III	2-1/2"	2-7/16"	1-29/32"	1-5/16"
67H54	1-11/16"	6582A	III	2-5/8"	2-1/2"	1-29/32"	1-27/64"
67H56	1-3/4"	6582A	III	2-5/8"	2-1/2"	1-29/32"	1-13/32"
67H58	1-13/16"	6582A	III	2-5/8"	2-5/8"	1-29/32"	1-3/8"
67H60	1-7/8"	6582A	III	2-3/4"	2-23/32"	1-29/32"	1-31/64"
67H64	2"	6582A	III	2-7/8"	2-3/4"	1-29/32"	1-9/16"
67H66	2-1/16"	6582A	III	2-7/8"	2-7/8"	1-29/32"	1-35/64"
67H68	2-1/8"	6582A	III	3-1/16"	3"	1-29/32"	1-23/32"
67H70	2-3/16"	6582A	III	3-3/16"	3"	1-29/32"	1-13/16"
67H72	2-1/4"	6582A	III	3-3/16"	3-1/16"	1-29/32"	1-51/64"
67H76	2-3/8"	6582A	III	3-1/2"	3-1/4"	1-29/32"	2-1/16"



Meets or exceeds ASME B107.110



Always use a Ret Ring® when working with impact products.



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.



## 12 Pt. Standard Metric Impact Sockets



Part No.	Nom. Size	Ret Ring	Shape	L	Ds	Dd	Bd
67H-17mm	17mm	6581	I	48.51	29.85	41.15	9.53
67H-19mm	19mm	6581	I	48.51	31.55	41.15	14.30
67H-20mm	20mm	6581	I	48.51	34.04	41.15	15.47
67H-21mm	21mm	6581	I	50.80	34.77	41.15	15.47
67H-22mm	22mm	6581	I	50.80	36.83	41.15	14.30
67H-23mm	23mm	6581	I	50.80	41.02	41.02	12.70
67H-24mm	24mm	6581	I	50.80	41.15	41.15	14.30
67H-25mm	25mm	6581	I	50.80	41.15	41.15	14.30
67H-26mm	26mm	6581	I	50.80	41.15	41.15	17.48
67H-27mm	27mm	6581	II	53.98	42.75	42.75	17.48
67H-28mm	28mm	6581	II	53.98	44.45	44.45	27.83
67H-29mm	29mm	6581	II	53.98	46.02	46.02	28.08
67H-30mm	30mm	6581	II	53.98	47.75	47.75	27.75
67H-31mm	31mm	6582	II	53.98	47.75	47.75	27.08
67H-32mm	32mm	6582	II	53.98	50.80	50.80	27.08
67H-33mm	33mm	6582	II	53.98	50.80	50.80	26.75
67H-34mm	34mm	6582	II	53.98	52.58	52.58	26.41
67H-35mm	35mm	6582	III	57.15	53.98	45.72	29.26
67H-36mm	36mm	6582	III	57.15	56.64	48.26	28.92
67H-38mm	38mm	6582A	III	57.15	58.72	45.72	28.26
67H-40mm	40mm	6582A	III	57.15	61.93	45.72	33.61
67H-41mm	41mm	6582A	III	63.50	62.99	48.26	33.61
67H-42mm	42mm	6582A	III	64.26	63.50	48.26	34.87
67H-43mm	43mm	6582A	III	66.68	65.02	48.26	36.12
67H-46mm	46mm	6582A	III	66.68	69.09	48.26	35.12
67H-50mm	50mm	6582A	III	69.85	73.41	48.26	36.96
67H-55mm	55mm	6582A	III	77.85	79.63	48.82	47.00

Meets or exceeds ASME B107.110

3/4"

SOCKETS, RATCHETS & ATTACHMENTS



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.

Always use a Ret Ring® when working with impact products.

## 12 Pt. Deep Metric Impact Sockets



Part No.	Nom. Size	Ret Ring	Shape	L	Ds	Dd	Bd
69H-19mm	19mm	6581	I	82.55	31.55	41.15	11.13
69H-21mm	21mm	6581	I	82.55	34.77	41.15	11.51
69H-22mm	22mm	6581	I	82.55	36.83	41.15	12.70
69H-23mm	23mm	6581	I	82.55	38.86	41.15	12.70
69H-24mm	24mm	6581	I	82.55	39.70	41.15	14.30
69H-26mm	26mm	6582	I	88.90	41.15	44.45	63.42
69H-27mm	27mm	6582	I	88.90	42.75	44.45	63.10
69H-30mm	30mm	6582	II	88.90	47.75	47.75	62.09
69H-32mm	32mm	6582	II	88.90	50.80	50.80	61.42
69H-33mm	33mm	6582	II	88.90	50.80	50.80	61.09
69H-35mm	35mm	6582	III	88.90	53.98	48.26	61.12
69H-36mm	36mm	6582	III	88.90	56.64	48.26	60.67
69H-38mm	38mm	6582A	III	88.90	58.67	48.77	60.01
69H-41mm	41mm	6582A	III	88.90	62.99	48.26	59.01
69H-43mm	43mm	6582A	III	88.90	65.02	48.26	58.34

Meets or exceeds ASME B107.110



3/4"

SOCKETS, RATCHETS & ATTACHMENTS

Always use a Ret Ring® when working with impact products.



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.



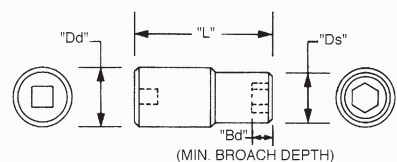
## 6 Pt. Standard Impact Sockets



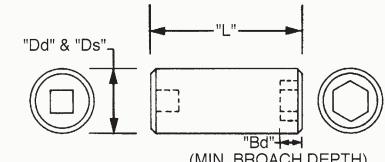
Part No.	Nom. Size	Ret Ring	Shape	L	Ds	Dd	Bd
6818	9/16"	6581	I	2-3/32"	1"	1-5/8"	21/64"
6820	5/8"	6581	I	2-3/32"	1-3/32"	1-5/8"	9/32"
6822	11/16"	6581	I	2-3/32"	1-5/32"	1-5/8"	5/16"
6824	3/4"	6581	I	2-3/32"	1-1/4"	1-5/8"	9/16"
6826	13/16"	6581	I	2-1/8"	1-3/8"	1-5/8"	39/64"
6828	7/8"	6581	I	2-1/8"	1-1/2"	1-5/8"	39/64"
6830	15/16"	6581	I	2-1/8"	1-9/16"	1-5/8"	19/32"
6832	1"	6581	II	2-1/8"	1-5/8"	1-5/8"	35/64"
6834	1-1/16"	6581	II	2-1/8"	1-11/16"	1-11/16"	1-7/64"
6836	1-1/8"	6582	II	2-1/8"	1-3/4"	1-3/4"	1-3/32"
6838	1-3/16"	6582A	II	2-1/8"	1-7/8"	1-7/8"	1-1/16"
6840	1-1/4"	6582A	II	2-1/8"	2"	2"	1-3/64"
6842	1-5/16"	6582A	II	2-1/8"	2-1/16"	2-1/16"	1-1/32"
6844	1-3/8"	6582A	III	2-1/4"	2-1/8"	1 29/32"	1-1/8"
6846	1-7/16"	6582A	III	2-1/4"	2-13/57"	1-29/32"	1-1/8"
6848	1-1/2"	6582A	III	2-1/2"	2-5/16"	1-29/32"	1-23/64"
6850	1-9/16"	6582A	III	2-1/2"	2-13/32"	1-29/32"	1-11/32"
6852	1-5/8"	6582A	III	2-1/2"	2-31/64"	1-29/32"	1-5/16"
6854	1-11/16"	6582A	III	2-5/8"	2-9/16"	1-29/32"	1-27/64"
6856	1-3/4"	6582A	III	2-5/8"	2-41/64"	1-29/32"	1-13/32"
6858	1-13/16"	6582A	III	2-5/8"	2-23/32"	1-29/32"	1-3/8"
6860	1-7/8"	6582A	III	2-3/4"	2-13/16"	1-29/32"	1-31/64"
6862	1-15/16"	6582A	III	2-3/4"	2-57/64"	1-29/32"	1-15/32"
6864	2"	6582A	III	2-7/8"	2-31/32"	1-29/32"	1-9/16"
6890	2-1/16"	6582A	III	2-7/8"	3-3/64"	1-29/32"	1-35/64"
6892	2-1/8"	6582A	III	3-1/16"	3-9/64"	1-29/32"	1-23/32"
6894	2-3/16"	6582A	III	3-3/16"	3-7/32"	1-29/32"	1-13/16"
6896	2-1/4"	6582A	III	3-3/16"	3-19/64"	1-29/32"	1-51/64"
6898	2-3/8"	6582A	III	3-1/4"	3-29/64"	1-29/32"	2-1/16"
68100	2-7/16"	6582C	III	3-1/4"	3-17/32"	2-1/4"	1-15/16"
68102	2-1/2"	6582C	III	3-1/4"	3-17/32"	2-1/4"	1-15/16"
68104	2-9/16"	6582C	III	3-1/4"	3-19/32"	2-1/4"	1-7/8"
68106	2-5/8"	6582C	III	3-1/4"	3-43/64"	2-1/4"	1-7/8"
68108	2-11/16"	6582C	III	3-1/2"	3-3/4"	2-1/4"	1-7/8"
68110	2-3/4"	6582C	III	3-1/2"	3-13/16"	2-1/4"	2"
68112	2-13/16"	6582C	III	3-1/2"	3-57/64"	2-1/4"	2"
68114	2-7/8"	6582C	III	3-1/2"	3-61/64"	2-1/4"	2"
68116	2-15/16"	6582C	III	3-3/4"	4-1/32"	2-1/4"	2-1/4"
68118	3"	6582C	III	3-3/4"	4-7/64"	2-1/4"	2-1/4"

Meets or exceeds ASME B107.110

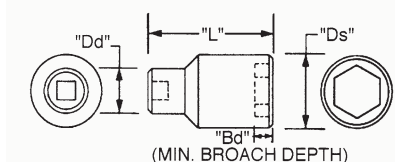
### SHAPE I



### SHAPE II



### SHAPE III



Always use a Ret Ring® when working with impact products.

SOCKETS, RATCHETS & ATTACHMENTS

3/4"

⑥ Pt. Standard Metric Impact Sockets

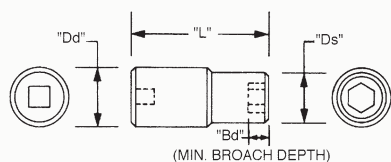


Part No.	Nom. Size	Ret Ring	Shape	L	Ds	Dd	Bd
68-14mm	14mm	6581	I	48.51	25.53	41.15	9.53
68-17mm	17mm	6581	I	48.51	29.85	41.15	9.53
68-18mm	18mm	6581	I	48.51	31.24	41.15	9.53
68-19mm	19mm	6581	I	48.51	31.55	41.15	14.30
68-20mm	20mm	6581	I	48.51	34.04	41.15	15.47
68-21mm	21mm	6581	I	50.80	34.77	41.15	15.47
68-22mm	22mm	6581	I	50.80	36.83	41.15	14.30
68-23mm	23mm	6581	I	50.80	41.02	—	12.70
68-24mm	24mm	6581	I	50.80	41.15	—	14.30
68-26mm	26mm	6581	II	50.80	41.15	41.15	17.48
68-27mm	27mm	6581	II	53.98	42.75	42.75	17.48
68-28mm	28mm	6581	II	53.98	44.45	44.45	27.83
68-29mm	29mm	6581	II	53.98	46.02	46.02	28.08
68-30mm	30mm	6581	II	53.98	47.75	47.75	27.75
68-31mm	31mm	6581	II	53.95	47.75	47.75	27.08
68-32mm	32mm	6582	II	53.98	50.80	50.80	27.08
68-33mm	33mm	6582	III	53.98	50.80	50.80	26.75
68-34mm	34mm	6582	III	53.98	52.58	52.58	26.41
68-35mm	35mm	6582	III	57.15	53.98	45.72	29.26
68-36mm	36mm	6582	III	57.15	56.64	45.72	28.92
68-38mm	38mm	6582A	III	57.15	58.67	45.72	28.26
68-41mm	41mm	6582A	III	63.50	62.99	48.26	33.61
68-42mm	42mm	6582A	III	65.07	63.50	48.26	34.87
68-43mm	43mm	6582A	III	66.68	65.02	48.26	36.12
68-46mm	46mm	6582A	III	66.68	69.09	48.26	35.12
68-50mm	50mm	6582A	III	69.85	73.41	48.26	36.96

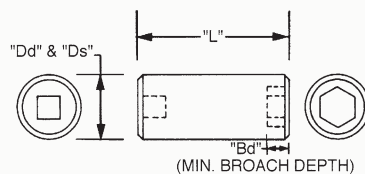


Meets or exceeds ASME B107.110

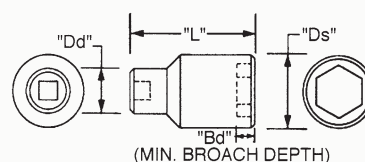
SHAPE I



SHAPE II



SHAPE III



3/4"

SOCKETS, RATCHETS & ATTACHMENTS

Always use a Ret Ring® when working with impact products.



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.





## ⑥ Pt. Deep Impact Sockets



Part No.	Nom. Size	Ret Ring	Shape	L	Ds	Dd	Bd
6918	9/16"	6581	I	3-7/64"	1"	1-5/8"	21/64"
6920	5/8"	6581	I	3-7/64"	1-7/64"	1-5/8"	3/8"
6922	11/16"	6581	I	3-7/64"	1-11/64"	1-5/8"	3/8"
6924	3/4"	6581	I	3-7/64"	1-1/4"	1-5/8"	9/16"
6926	13/16"	6581	I	3-7/64"	1-3/8"	1-5/8"	39/64"
6928	7/8"	6581	I	3-7/64"	1-1/2"	1-5/8"	39/64"
6930	15/16"	6581	I	3-7/64"	1-9/16"	1-5/8"	19/32"
6932	1"	6581	II	3-7/64"	1-5/8"	1-5/8"	35/64"
6934	1-1/16"	6581	II	3-1/2"	1-11/16"	1-11/16"	2-31/64"
6936	1-1/8"	6582	II	3-1/2"	1-3/4"	1-3/4"	2-15/32"
6938	1-3/16"	6582A	II	3-1/2"	1-27/32"	1-27/32"	2-7/16"
6940	1-1/4"	6582A	II	3-1/2"	1-59/64"	1-59/64"	2-27/64"
6942	1-5/16"	6582A	II	3-1/2"	2"	2"	2-1/2"
6944	1-3/8"	6582A	III	3-1/2"	2-1/16"	1-29/32"	2-13/32"
6946	1-7/16"	6582A	III	3-1/2"	2-5/32"	1-29/32"	2-3/8"
6948	1-1/2"	6582A	III	3-1/2"	2-15/64"	1-29/32"	2-23/64"
6950	1-9/16"	6582A	III	3-1/2"	2-5/16"	1-29/32"	2-11/32"
6952	1-5/8"	6582A	III	3-1/2"	2-13/32"	1-29/32"	2-5/16"
6954	1-11/16"	6582A	III	3-1/2"	2-31/64"	1-29/32"	2-19/64"
6956	1-3/4"	6582A	III	3-1/2"	2-9/16"	1-29/32"	2-9/32"
6958	1-13/16"	6582A	III	3-1/2"	2-41/64"	1-29/32"	2-1/4"
6960	1-7/8"	6582A	III	3-1/2"	2-23/32"	1-29/32"	2-15/64"
6962	1-15/16"	6582A	III	3-1/2"	2-13/16"	1-29/32"	2-7/32"
6964	2"	6582A	III	3-3/4"	2-57/64"	1-29/32"	2-25/64"
6966	2-1/16"	6582A	III	3-3/4"	2-31/32"	1-29/32"	2-7/16"
6968	2-1/8"	6582A	III	3-3/4"	3-3/64"	1-29/32"	2-7/16"
69100	2-3/16"	6582A	III	4-1/4"	3-9/64"	1-29/32"	2-1/2"
69102	2-1/4"	6582A	III	4-1/4"	3-7/32"	1-29/32"	2-1/2"
69104	2-5/16"	6582A	III	4-1/4"	3-19/64"	1-29/32"	2-1/2"
69106	2-3/8"	6582A	III	4-1/4"	3-3/8"	1-29/32"	2-1/2"
69108	2-7/16"	6582C	III	4-1/4"	3-29/64"	2-1/4"	2-1/2"
69110	2-1/2"	6582C	III	4-1/4"	3-17/32"	2-1/4"	2-7/8"
69112	2-9/16"	6582C	III	4-1/4"	3-19/32"	2-1/4"	2-7/8"
69114	2-5/8"	6582C	III	4-1/4"	3-43/64"	2-1/4"	2-7/8"
69116	2-11/16"	6582C	III	4-1/2"	3-3/4"	2-1/4"	3"
69118	2-3/4"	6582C	III	4-1/2"	3-13/16"	2-1/4"	3"
69120	2-13/16"	6582C	III	4-1/2"	3-57/64"	2-1/4"	3"
69122	2-7/8"	6582C	III	4-1/2"	3-31/32"	2-1/4"	3"
69124	2-15/16"	6582C	III	4-3/4"	4-1/32"	2-1/4"	3-1/4"
69126	3"	6582C	III	4-3/4"	4-7/64"	2-1/4"	3-1/4"

Meets or exceeds ASME B107.110

Refer to socket dimensional drawings on page 208.



Always use a Ret Ring® when working with impact products.

## 12 Pt. Deep Impact Sockets



Part No.	Nom. Size	Ret Ring	Shape	L	Ds	Dd	Bd
6969	9/16"	6581	I	3-1/4"	1"	1-5/8"	21/64"
6970	5/8"	6581	I	3-1/4"	1-3/32"	1-5/8"	3/8"
6972	11/16"	6581	I	3-1/4"	1-5/32"	1-5/8"	3/8"
6974	3/4"	6581	I	3-1/4"	1-1/4"	1-5/8"	7/16"
6976	13/16"	6581	I	3-1/4"	1-3/8"	1-5/8"	29/64"
6978	7/8"	6581	I	3-1/4"	1-1/2"	1-5/8"	1/2"
6980	15/16"	6581	I	3-1/4"	1-9/16"	1-5/8"	35/64"
6982	1"	6581	II	3-1/4"	1-5/8"	1-5/8"	35/64"
6998	1-1/2"	6581	III	3-1/2"	2-5/16"	1-29/32"	7/8"

Meets or exceeds ASME B107.110



## 6 Pt. Deep Metric Impact Sockets

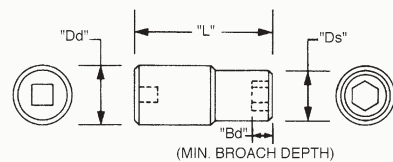


Part No.	Nom. Size	Ret Ring	Shape	L	Ds	Dd	Bd
69-19mm	19mm	6581	I	78.97	31.75	41.28	11.13
69-21mm	21mm	6581	I	78.97	34.93	41.28	11.51
69-22mm	22mm	6581	I	78.97	34.93	41.28	12.70
69-23mm	23mm	6581	I	78.97	38.89	41.28	12.70
69-24mm	24mm	6581	I	78.97	39.70	41.28	14.30
69-26mm	26mm	6582	I	88.90	41.28	44.45	63.42
69-27mm	27mm	6582	I	88.90	42.88	44.45	63.10
69-30mm	30mm	6582A	II	88.90	47.75	47.75	62.09
69-32mm	32mm	6582A	II	88.90	50.80	50.80	61.42
69-33mm	33mm	6582A	II	88.90	50.80	50.80	61.09
69-35mm	35mm	6582A	III	88.90	53.98	48.26	61.12
69-36mm	36mm	6582A	III	88.90	53.98	48.26	60.67
69-38mm	38mm	6582A	III	88.90	58.75	48.26	60.01
69-41mm	41mm	6582A	III	88.90	61.93	48.26	59.01
69-43mm	43mm	6582A	III	88.90	63.50	48.26	58.34

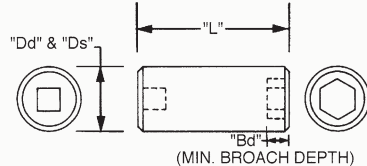
Meets or exceeds ASME B107.110



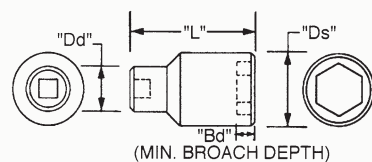
SHAPE I



SHAPE II



SHAPE III



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.



## 8 Pt. Double Square Impact (Railroad) Sockets

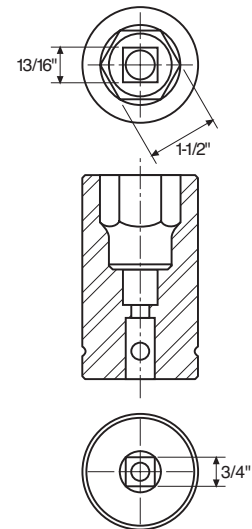
Part No.	Nom. Size	Ret Ring	Shape	L	Ds	Dd	Bd
6865	3/4"	6581	II	2-1/8"	1-5/8"	1-5/8"	1/2"
6866	13/16"	6581	II	2-1/8"	1-11/16"	1-11/16"	1/2"
6868	7/8"	6582	II	2-1/8"	1-3/4"	1-3/4"	1-7/64"
6870	15/16"	6582	II	2-1/8"	1-13/16"	1-13/16"	1-5/64"
6872	1"	6582A	II	2-1/8"	2"	2"	1-3/64"
6874	1-1/16"	6582A	III	2-1/4"	2-1/8"	1-29/32"	1-5/32"
6876	1-1/8"	6582A	III	2-1/4"	2-1/4"	1-29/32"	1-1/8"
6878	1-3/16"	6582A	III	2-1/2"	2-5/16"	1-29/32"	1-11/32"
6880	1-1/4"	6582A	III	2-1/2"	2-7/16"	1-29/32"	1-21/32"
6882	1-5/16"	6582A	III	2-5/8"	2-1/2"	1-29/32"	1-27/64"
6886	1-7/16"	6582A	III	2-3/4"	2-11/32"	1-29/32"	1-1/2"

Meets or exceeds ASME B107.110

## Budd Wheel Impact Sockets

Part No.	Nom. Size	Ret Ring	Shape	L	Ds	Dd	Bd
6893	13/16" Sq. Std. Length Budd Wheels	6581	II	2-1/4"	1-5/8"	1-5/8"	5/8"
6991	1-1/2" Hex x 13/16" Sq. Long Length Combination Socket Budd Wheels	6582B	II	3-13/16"	2-1/4"	2-1/4"	3/4"
6993	13/16" Sq. Long Length Budd Wheels	6582	II	3-1/8"	1-25/32"	1-25/32"	5/8"

Meets or exceeds ASME B107.110



6893



6991



6993

Refer to socket dimensional drawings on page 210.



Always use a Ret Ring® when working with impact products.

## Square Budd Wheel Metric Impact Sockets

Part No.	Nom. Size	Ret Ring	Shape	L	Ds	Dd	Bd
68-87mm	17mm Sq. Std. Length	6581	II	55.56	41.28	41.28	15.66
68-91mm	21mm Sq. Std. Length	6581	II	55.56	41.28	41.28	15.66

Meets or exceeds ASME B107.110



## Hex Bit Sockets

Part No.	Nom. Size	Ret Ring	Shape	L	L1	Ds	Dd	Bd
6218	9/16"	6581	IV	3-9/32"	1-3/16"	1"	1-5/8"	1-3/16"
6220	5/8"	6581	IV	3-1/4"	1-3/16"	1-3/32	1-5/8"	1-5/32"
6224	3/4"	6581	IV	3-11/32"	1-5/16"	1-15/64"	1-5/8"	1-1/4"
6228	7/8"	6581	IV	3-1/2"	1-7/16"	1-1/2"	1-5/8"	1-3/8"
6232	1"	6581	IV	3-5/8"	1-9/16"	1-5/8"	-	1-1/2"

Meets or exceeds ASME B107.110



## Replacement Hex Bits

Part No.	Nom. Size	Use For Socket No.	L
6218B	9/16"	6218	1-13/16"
6220B	5/8"	6220	1-13/16"
6224B	3/4"	6224	1-13/16"
6228B	7/8"	6228	1-15/16"
6232B	1"	6232	2-1/16"

Meets or exceeds ASME B107.110



## Metric Hex Bit Sockets

Part No.	Nom. Size	Ret Ring	Shape	L	L1	Ds	Dd	Bd
62-14mm	14mm	6581	IV	83.34	35.00	25.40	41.28	34.93
62-17mm	17mm	6581	IV	83.34	35.00	30.16	41.28	34.93
62-19mm	19mm	6581	IV	83.34	35.00	31.75	41.28	34.93
62-22mm	22mm	6581	IV	95.25	35.00	34.93	41.28	34.93
62-24mm	24mm	6581	IV	95.25	35.00	39.69	41.28	34.93

Meets or exceeds ASME B107.110



Refer to socket dimensional drawings on page 213.





3/4"

SOCKETS, RATCHETS & ATTACHMENTS



## Metric Replacement Hex Bits

Part No.	Nom. Size	Use For Socket No.	L
62M14B	14mm	62-14mm	83.34
62M17B	17mm	62-17mm	83.34
62M19B	19mm	62-19mm	83.34
62M22B	22mm	62-22mm	95.25
62M24B	24mm	62-24mm	95.25

Meets or exceeds ASME B107.110



6888

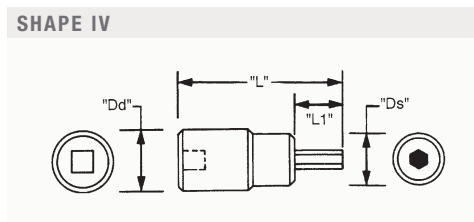
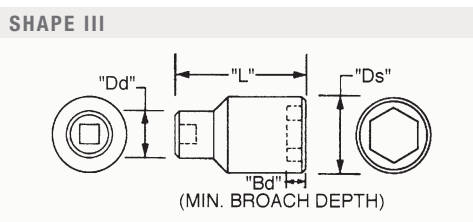
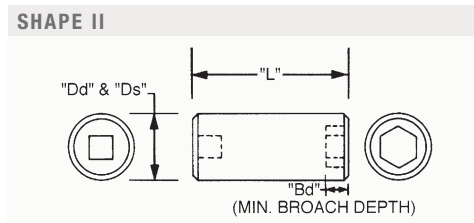
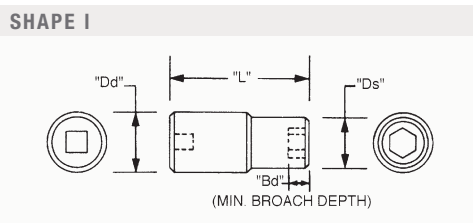
## Ball Joint Impact Sockets

Part No.	Nom. Size	Shape	L	Ds	Dd	Bd
6888	1-7/8"	III	2-3/32"	2-7/16"	1-21/32"	3/8"
6889	2-1/8"	III	2-3/32"	2-23/32"	1-15/16"	7/16"

Sockets for Plymouth, Dodge & Chrysler products.  
Meets or exceeds ASME B107.110



6889



Always use a Ret Ring® when working with impact products.

**29 Pieces – 12 Pt. Standard Socket Set  
Set No. 829**

Part No.	Description	Part No.	Description
8146	1-7/16"	8180	2-1/2"
8148	1-1/2"	8182	2-9/16"
8152	1-5/8"	8184	2-5/8"
8154	1-11/16"	8188	2-3/4"
8156	1-3/4"	8190	2-13/16"
8158	1-13/16"	8194	2-15/16"
8160	1-7/8"	8196	3" 1,600 ft. lbs.
8162	1-15/16"	8197	3-1/8"
8164	2"	8400	Ratchet
8168	2-1/8"	8408	8" Extension
8170	2-3/16"	8417	17" Extension
8172	2-1/4"	8435	Flex Handle 2,400 ft. lbs.
8174	2-5/16"	8440	Bull Bar
8176	2-3/8"	8443	Sliding T
8178	2-7/16"	299	Metal Box


**21 Pieces – 12 Pt. Standard Socket Set  
Set No. 821**

Part No.	Description	Part No.	Description
8146	1-7/16"	8176	2-3/8"
8148	1-1/2"	8180	2-1/2"
8152	1-5/8"	8184	2-5/8"
8154	1-11/16"	8188	2-3/4"
8156	1-3/4"	8194	2-15/16"
8158	1-13/16"	8197	3-1/8"
8160	1-7/8"	8400	Ratchet
8164	2"	8408	8" Extension
8168	2-1/8"	8417	17" Extension
8170	2-3/16"	8443	Sliding T
8172	2-1/4"	299	Metal Box





8400



38400



8425

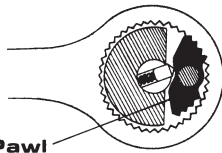
## Ratchets

Drop forged, one-piece handle. Handle design allows operator to “feel” the fastener. Precision-machined 45 tooth head gives long life and short arc swing. Kit is easily removed for cleaning or replacement.

Part No.	Description	Overall Length
8400	Knurled Steel Handle	30" 1,800 ft. lbs.
38400	Black Knurled Steel Handle	30"
8425	Long Black Knurled Steel Handle	42"

Meets or exceeds ASME B107.110

Sturdy  
Single  
Pawl



Pawl



## Renewal Kit

Part No.	Description
8402	45 Tooth, 8400 Ratchet
38402	For 8425, 38400 Ratchet – Black

NOTE: When cleaning your ratchet re-lubricate with light oil only. Meets or exceeds ASME B107.110



## Extensions

Part No.	Description
8408	8"
8417	17"

NOTE: When cleaning your ratchet re-lubricate with light oil only. Meets or exceeds ASME B107.110



## Flex Handles

Steel pin and tension washer construction for added strength. No binding or locked joint.

Part No.	Description
8435	26"

Meets or exceeds ASME B107.110



## Bull Bar

2-position drive square. Used at end or center of handle. Secured with socket head screw.



Part No.	Description
8440	30" Bull Bar, Stopping Points 1-5/16" and 13-11/16", 1,833 ft. lbs. minimum rating
8441	Repair Kit for 8440

Meets or exceeds ASME B107.110



## Sliding T


Head held in place by friction ball so it can slide to ends of bar with no overhang. Works in tighter places.



Part No.	Overall Length
8443	22"

Meets or exceeds ASME B107.110


## Impact Universal Joint

Part No.	Description	 Ret Ring	Overall Length	OD
8800	Universal	6581A	4-1/2"	2-1/2"

Meets or exceeds ASME B107.110



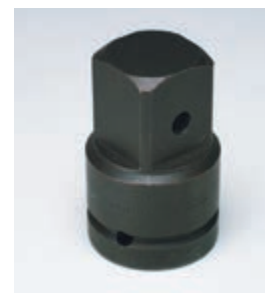
## Impact Adaptors

Part No.	Description	 Ret Ring	Length
8900	1" F x 3/4" M	6583	2-3/4"
8902	1" F x 1-1/2" M	6584	3-1/2"

Guarantee does not apply  
Meets or exceeds ASME B107.110




8900



8902

## Impact Extensions

15,000 inch lbs., 1250 ft. lbs. maximum safe load.

Part No.	Description	 Ret No.
8907	7"	6581A
8910	10"	6581A
8913	13"	6581A
89E24	24"	6581A

Meets or exceeds ASME B107.110



**WARNING**  
Wear safety goggles user and bystander.

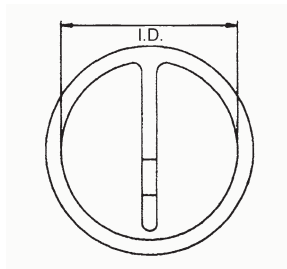


**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.

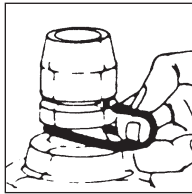




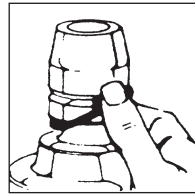
### 1" Drive Ret Ring® One-Piece Socket Retainers

Conveniently replaces "O" Rings and Pins. See individual part numbers for size.

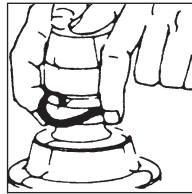
Part No.	I.D.	Part No.	I.D.
6583	1-3/4"	6585	2-1/4"
6581A	2"	6586	2-1/2"
6584	2-1/8"	6587	3-1/8"



**Step 1**  
Place Socket Retainer over square driver. Place Socket on square driver aligning retention holes. Hold center pin of Retainer between thumb and index finger, and insert it through retention holes.



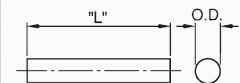
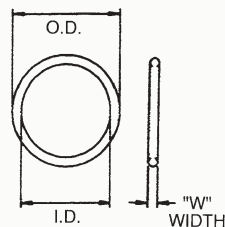
**Step 2**  
Push center pin of Socket Retainer all the way in.



**Step 3**  
Pull O-ring of Socket Retainer up into groove on Socket.

### "O" Rings and Pins as an Alternative to Ret Rings

Ret Ring	Ret Ring ID	"O" Ring	"O" Ring Width	"O" Ring ID	Pin	Pin OD	Pin Length
6583	1-3/4"	8577	1/8"	1-3/4"	8576	3/16"	1-3/4"
6581A	2"	8577	1/8"	1-3/4"	8576	3/16"	1-3/4"
6584	2-1/8"	8578	1/8"	2-1/8"	8580	3/16"	2-1/8"
6585	2-1/4"	8578	1/8"	2-1/8"	8580	3/16"	2-1/8"
6586	2-1/2"	8578	1/8"	2-1/8"	8580	3/16"	2-1/8"
6587	3-1/8"	No "O" Ring available			No pin available		



## 12 Pt. Standard Sockets

Part No.	Nom. Size	Shape	L	Ds	Dd	Bd
8134	1-1/16"	II	2-9/32"	1-41/64"	1-41/64"	5/8"
8136	1-1/8"	II	2-9/32"	1-11/16"	1-11/16"	21/32"
8138	1-3/16"	II	2-9/32"	1-49/64"	1-49/64"	21/32"
8140	1-1/4"	II	2-9/32"	1-53/64"	1-53/64"	3/4"
8142	1-5/16"	II	2-11/32"	1-57/64"	1-57/64"	49/64"
8144	1-3/8"	III	2-7/16"	1-61/64"	1-3/4"	25/32"
8146	1-7/16"	III	2-1/2"	2"	1-3/4"	7/8"
8148	1-1/2"	III	2-9/16"	2-9/64"	1-3/4"	55/64"
8150	1-9/16"	III	2-5/8"	2-13/64"	1-3/4"	1"
8152	1-5/8"	III	2-11/16"	2-1/4"	1-3/4"	1"
8154	1-11/16"	III	2-3/4"	2-25/64"	1-15/16"	1"
8156	1-3/4"	III	2-13/16"	2-33/64"	1-15/16"	1-3/32"
8158	1-13/16"	III	2-7/8"	2-37/64"	1-15/16"	1-1/8"
8160	1-7/8"	III	2-15/16"	2-41/64"	2-1/4"	1-1/8" 1,600 ft. lbs.
8162	1-15/16"	III	3"	2-3/4"	2-1/4"	1-7/32"
8164	2"	III	3"	2-3/4"	2-1/4"	1-7/32"
8166	2-1/16"	III	3-1/16"	2-61/64"	2-1/4"	1-7/32"
8168	2-1/8"	III	3-1/16"	2-61/64"	2-1/4"	1-3/8"
8170	2-3/16"	III	3-9/32"	3"	2-1/4"	1-3/8"
8172	2-1/4"	III	3-9/32"	3-5/64"	2-1/4"	1-3/8"
8174	2-5/16"	III	3-9/32"	3-11/64"	2-1/4"	1-3/8"
8176	2-3/8"	III	3-5/16"	3-1/4"	2-1/4"	1-3/8"
8178	2-7/16"	III	3-3/8"	3-5/16"	2-1/4"	1-3/8"
8180	2-1/2"	III	3-7/16"	3-3/8"	2-1/4"	1-3/8"
8182	2-9/16"	III	3-1/2"	3-3/8"	2-1/4"	1-1/2"
8184	2-5/8"	III	3-9/16"	3-9/16"	2-1/4"	1-3/4"
8188	2-3/4"	III	3-13/16"	3-23/32"	2-43/64"	1-3/4"
8190	2-13/16"	III	3-13/16"	3-27/32"	2-43/64"	1-3/4"
8194	2-15/16"	III	3-7/8"	3-31/32"	2-43/64"	2"
8196	3"	III	4-3/16"	4-1/32"	2-43/64"	2"
8197	3-1/8"	III	4-3/16"	4-3/16"	2-43/64"	2-13/64"
8198	3-3/8"	III	4-1/2"	4-35/64"	2-43/64"	2-13/64"
8199	3-1/2"	III	4-1/2"	4-35/64"	2-43/64"	2-13/64"

Meets or exceeds ASME B107.110



## 12 Pt. Standard Impact Sockets

Part No.	Nom. Size	Ret Ring	Shape	L	Ds	Dd	Bd
8724	3/4"	6583	I	2-1/4"	1-7/16"	2"	7/16"
8728	7/8"	6583	I	2-13/32"	1-17/32"	2"	1/2"
8730	15/16"	6583	I	2-7/16"	1-9/16"	2"	1/2"
8732	1"	6583	I	2-17/32"	1-3/4"	2"	35/64"
8734	1-1/16"	6583	I	2-9/16"	1-3/4"	2"	5/8"
8736	1-1/8"	6583	I	2-9/16"	1-13/16"	2"	21/32"
8740	1-1/4"	6583	II	2-11/16"	2-1/16"	2-1/16"	3/4"
8742	1-5/16"	6583	II	2-11/16"	2-1/16"	2-1/16"	49/64"
8744	1-3/8"	6581A	III	2-11/16"	2-5/32"	2-3/32"	25/32"
8746	1-7/16"	6581A	III	2-11/16"	2-1/4"	2-3/32"	7/8"
8748	1-1/2"	6581A	III	2-11/16"	2-1/4"	2-3/32"	55/64"
8752	1-5/8"	6581A	III	2-11/16"	2-1/2"	2-3/32"	1"
8754	1-11/16"	6581A	III	2-11/16"	2-1/2"	2-3/32"	1"
8756	1-3/4"	6584	III	2-11/16"	2-3/4"	2-3/8"	1-3/32"
8760	1-7/8"	6584	III	2-13/16"	2-3/4"	2-3/8"	1-1/8"
8764	2"	6584	III	3"	2-63/64"	2-3/8"	1-7/32"
8766	2-1/16"	6584	III	3"	2-63/64"	2-3/8"	1-7/32"
8772	2-1/4"	6584	III	3-3/16"	3-1/4"	2-3/8"	1-3/8"
8776	2-3/8"	6584	III	3-1/4"	3-1/2"	2-3/8"	1-3/8"

Meets or exceeds ASME B107.110



Refer to socket dimensional drawings on page 220.



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.



## ⑥ Pt. Standard Impact Sockets



Part No.	Nom. Size	Ret Ring	Shape	L	Ds	Dd	Bd
8824	3/4"	6583	I	2-1/4"	1-7/16"	2"	7/16"
8826	13/16"	6583	I	2-1/4"	1-7/16"	2"	29/64"
8828	7/8"	6583	I	2-13/32"	1-17/32"	2"	1/2"
8830	15/16"	6583	I	2-7/16"	1-9/16"	2"	1/2"
8832	1"	6583	I	2-17/32"	1-21/32"	2"	35/64"
8834	1-1/16"	6583	I	2-9/16"	1-3/4"	2"	5/8"
8836	1-1/8"	6583	I	2-9/16"	1-13/16"	2"	21/32"
8838	1-3/16"	6583	I	2-11/16"	1-31/32"	2-1/16"	21/32"
8840	1-1/4"	6583	II	2-11/16"	2-1/16"	2-1/16"	3/4"
8842	1-5/16"	6583	II	2-11/16"	2-3/32"	2-3/32"	49/64"
8844	1-3/8"	6581A	III	2-11/16"	2-5/32"	2-7/64"	25/32"
8846	1-7/16"	6581A	III	2-11/16"	2-15/64"	2-7/64"	7/8"
8848	1-1/2"	6581A	III	2-11/16"	2-23/64"	2-7/64"	55/64"
8850	1-9/16"	6584	III	2-11/16"	2-31/64"	2-15/64"	55/64"
8852	1-5/8"	6584	III	2-11/16"	2-9/16"	2-15/64"	1"
8854	1-11/16"	6584	III	2-11/16"	2-39/64"	2-15/64"	1"
8856	1-3/4"	6585	III	2-11/16"	2-47/64"	2-27/64"	1-3/32"
8858	1-13/16"	6585	III	2-11/16"	2-25/32"	2-27/64"	1-1/8"
8860	1-7/8"	6585	III	2-13/16"	2-13/16"	2-27/64"	1-1/8"
8862	1-15/16"	6585	III	3"	2-29/32"	2-27/64"	1-1/8"
8864	2"	6585	III	3"	2-31/32"	2-27/64"	1-7/32"
8866	2-1/16"	6585	III	3"	3-1/16"	2-27/64"	1-7/32"
8868	2-1/8"	6585	III	3"	3-1/8"	2-27/64"	1-7/32"
8870	2-3/16"	6585	III	3-3/16"	3-15/64"	2-27/64"	1-3/8"
8872	2-1/4"	6585	III	3-3/16"	3-19/64"	2-27/64"	1-3/8"
8874	2-5/16"	6585	III	3-3/16"	3-25/64"	2-27/64"	1-3/8"
8876	2-3/8"	6585	III	3-1/4"	3-31/64"	2-27/64"	1-3/8"
8878	2-7/16"	6585	III	3-9/32"	3-17/32"	2-27/64"	1-3/8"
8880	2-1/2"	6585	III	3-5/16"	3-37/64"	2-27/64"	1-3/8"
8882	2-9/16"	6586	III	3-5/16"	3-23/32"	2-47/64"	1-3/8"
8884	2-5/8"	6586	III	3-15/32"	3-3/4"	2-47/64"	1-1/2"
8886	2-11/16"	6586	III	3-15/32"	3-53/64"	2-47/64"	1-1/2"
8888	2-3/4"	6586	III	3-9/16"	3-29/32"	2-47/64"	1-3/4"
8890	2-13/16"	6586	III	3-11/16"	4"	2-47/64"	1-3/4"
8892	2-7/8"	6586	III	3-3/4"	4-1/16"	2-47/64"	1-3/4"
8894	2-15/16"	6586	III	3-3/4"	4-1/8"	2-47/64"	1-3/4"
8896	3"	6586	III	3-7/8"	4-15/64"	2-47/64"	2"
8897	3-1/8"	6586	III	3-15/16"	4-11/32"	2-47/64"	1-15/16"
8897A	3-1/4"	6586	III	4-1/16"	4-35/64"	2-47/64"	2"
8898	3-3/8"	6586	III	4-3/16"	4-11/16"	2-47/64"	2"
8899	3-1/2"	6586	III	4-5/16"	4-13/16"	2-47/64"	2-13/64"
88116	3-5/8"	6587	III	4-3/4"	4-7/8"	3-1/4"	2-1/2"
88120	3-3/4"	6587	III	5"	4-63/64"	3-1/4"	2-1/2"
88124	3-7/8"	6587	III	5-1/4"	5-7/64"	3-1/4"	2-1/2" 10,000 ft. lbs.
88128	4"	6587	III	5-3/8"	5-1/4"	3-1/4"	2-1/2"
88132	4-1/8"	6587	III	5-3/8"	5-25/64"	3-1/4"	2-19/32"
88136	4-1/4"	6587	III	5-1/2"	5-17/32"	3-1/4"	2-3/4"
88144	4-1/2"	6587	III	5-5/8"	5-13/16"	3-1/4"	2-27/32"

Refer to socket dimensional drawings on page 220.

Meets or exceeds ASME B107.110



## ⑥ Pt. Standard Metric Impact Sockets

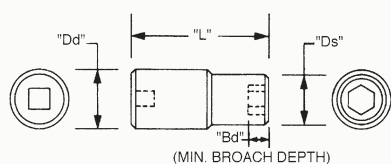


Part No.	Nom. Size	Ret Ring	Shape	L	Ds	Dd	Bd
88-19mm	19mm	6583	I	57.15	36.58	50.93	11.10
88-21mm	21mm	6583	I	57.94	37.97	50.93	11.71
88-22mm	22mm	6583	I	57.94	38.89	50.93	12.45
88-23mm	23mm	6583	I	57.94	40.01	50.93	12.70
88-24mm	24mm	6583	I	57.94	41.15	50.93	14.00
88-26mm	26mm	6583	I	60.33	43.43	50.93	14.61
88-27mm	27mm	6583	I	65.07	44.45	50.93	15.90
88-28mm	28mm	6583	I	65.07	45.72	50.93	16.26
88-29mm	29mm	6583	I	65.07	46.99	50.93	16.66
88-30mm	30mm	6583	II	68.25	50.80	50.80	16.66
88-32mm	32mm	6583	II	68.25	52.53	52.53	19.05
88-33mm	33mm	6583	II	68.25	53.34	53.34	19.43
88-34mm	34mm	6583	II	68.25	53.34	53.34	20.02
88-35mm	35mm	6581A	III	68.25	54.61	53.59	20.12
88-36mm	36mm	6581A	III	68.25	56.90	53.59	21.46
88-37mm	37mm	6581A	III	68.25	59.31	53.59	22.28
88-38mm	38mm	6581A	III	68.25	59.94	53.59	22.28
88-41mm	41mm	6584	III	68.25	64.01	56.77	24.92
88-42mm	42mm	6584	III	68.25	65.02	56.77	25.40
88-43mm	43mm	6584	III	68.25	66.17	56.77	25.40
88-46mm	46mm	6585	III	68.25	70.61	61.47	28.63
88-47mm	47mm	6585	III	70.99	70.61	61.47	29.13
88-48mm	48mm	6585	III	70.99	71.37	61.47	29.51
88-50mm	50mm	6585	III	76.20	73.91	61.47	30.00
88-52mm	52mm	6585	III	76.20	77.72	61.47	30.99
88-54mm	54mm	6585	III	76.20	79.38	61.47	30.96
88-55mm	55mm	6585	III	80.90	82.55	61.47	33.55
88-56mm	56mm	6585	III	80.90	83.69	61.47	34.93
88-58mm	58mm	6585	III	80.90	86.11	61.47	35.03
88-60mm	60mm	6585	III	82.17	88.39	61.47	35.41
88-63mm	63mm	6586	III	83.69	91.44	61.47	35.41
88-65mm	65mm	6586	III	84.20	94.23	69.47	38.35
88-67mm	67mm	6586	III	88.01	94.23	69.47	38.35
88-70mm	70mm	6586	III	88.90	99.31	68.96	41.30
88-75mm	75mm	6586	III	95.25	104.90	69.47	44.25
88-80mm	80mm	6586	III	100.08	110.24	69.47	47.19
88-85mm	85mm	6586	III	106.43	115.95	69.47	50.14
88-90mm	90mm	6586	III	109.60	121.67	69.47	53.11
88-95mm	95mm	6587	III	127.00	127.51	82.55	56.06
88-100mm	100mm	6587	III	130.30	133.22	82.55	59.00
88-110mm	110mm	6587	III	142.24	144.78	82.55	64.90
88-115mm	115mm	6587	III	142.88	150.11	82.55	67.84

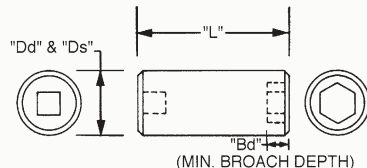


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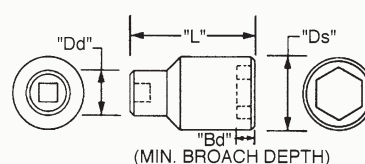
SHAPE I



SHAPE II



SHAPE III



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.



## 6 Pt. Deep Impact Sockets

Part No.	Nom. Size	Ret Ring	Shape	L	Ds	Dd	Bd
8924	3/4"	6583	I	4"	1-7/16"	2"	7/16"
8926	13/16"	6583	I	4"	1-7/16"	2"	29/64"
8928	7/8"	6583	I	4"	1-17/32"	2"	1/2"
8930	15/16"	6583	I	4"	1-9/16"	2"	1/2"
8932	1"	6583	I	4"	1-21/32"	2"	35/64"
8933	1-1/16"	6583	I	4"	1-3/4"	2"	5/8"
8936	1-1/8"	6583	I	4"	1-13/16"	2"	21/32"
8938	1-3/16"	6583	I	4"	1-31/32"	2-1/16"	21/32"
8939	1-1/4"	6583	II	4"	2-1/16"	2-1/16"	3/4"
8942	1-5/16"	6583	II	4"	2-1/16"	2-1/16"	49/64"
8944	1-3/8"	6581A	III	4"	2-5/32"	2-1/8"	25/32"
8946	1-7/16"	6581A	III	4"	2-1/4"	2-1/8"	7/8"
8948	1-1/2"	6581A	III	4"	2-1/4"	2-1/8"	55/64"
8950	1-9/16"	6584	III	4"	2-1/2"	2-1/4"	55/64"
8952	1-5/8"	6584	III	4"	2-1/2"	2-1/4"	1"
8954	1-11/16"	6584	III	4"	2-1/2"	2-1/4"	1"
8956	1-3/4"	6585	III	4-1/16"	2-3/4"	2-7/16"	1-3/32"
8958	1-13/16"	6585	III	4-1/8"	2-3/4"	2-7/16"	1-1/8"
8960	1-7/8"	6585	III	4-3/16"	2-3/4"	2-7/16"	1-1/8"
8962	1-15/16"	6585	III	4-1/4"	2-63/64"	2-7/16"	1-1/8"
8964	2"	6585	III	4-5/16"	2-63/64"	2-7/16"	1-7/32"
8966	2-1/16"	6585	III	4-3/8"	2-63/64"	2-7/16"	1-7/32"
8968	2-1/8"	6585	III	4-7/16"	3-5/32"	2-7/16"	1-7/32"
8970	2-3/16"	6585	III	4-1/2"	3-1/4"	2-7/16"	1-3/8"
8972	2-1/4"	6585	III	4-21/32"	3-1/4"	2-7/16"	1-3/8"
8974	2-5/16"	6585	III	4-23/32"	3-13/32"	2-7/16"	1-3/8"
8976	2-3/8"	6585	III	4-3/4"	3-1/2"	2-7/16"	1-3/8"
8978	2-7/16"	6585	III	4-3/4"	3-17/32"	2-27/64"	1-3/8"
8980	2-1/2"	6585	III	4-7/8"	3-19/32"	2-7/16"	1-3/8"
8981	2-9/16"	6586	III	4-7/8"	3-23/32"	2-3/4"	1-3/8"
8984	2-5/8"	6586	III	4-7/8"	3-3/4"	2-3/4"	1-1/2"
8988	2-3/4"	6586	III	5"	3-53/64"	2-3/4"	1-3/4"
8990	2-13/16"	6586	III	5"	4"	2-3/4"	1-3/4"
8992	2-7/8"	6586	III	5"	4"	2-3/4"	1-3/4"
8994	2-15/16"	6586	III	5"	4"	2-3/4"	1-3/4"
8996	3"	6586	III	5"	4-3/16"	2-3/4"	2"
89100	3-1/8"	6586	III	5-1/2"	4-3/16"	2-3/4"	1-15/16"
89104	3-1/4"	6586	III	5-5/8"	4-17/32"	2-3/4"	2"
89108	3-3/8"	6586	III	5-3/4"	4-17/32"	2-3/4"	2"
89112	3-1/2"	6586	III	6"	4-3/4"	2-3/4"	2-13/64"
89116	3-5/8"	6587	III	6-1/8"	4-55/64"	3-1/4"	2-1/2"
89120	3-3/4"	6587	III	6-1/4"	5"	3-1/4"	2-1/2"
89124	3-7/8"	6587	III	6-3/8"	5-7/64"	3-1/4"	2-1/2"
89128	4"	6587	III	6-1/2"	5-1/4"	3-1/4"	2-1/2"
89132	4-1/8"	6587	III	6-3/4"	5-3/8"	3-1/4"	2-19/32"
89136	4-1/4"	6587	III	7"	5-17/32"	3-1/4"	2-3/4"
89144	4-1/2"	6587	III	7-1/4"	5-13/16"	3-1/4"	2-27/32"

Meets or exceeds ASME B107.110

Refer to socket dimensional drawings on page 220.



Always use a Ret Ring® when working with impact products.

## ⑥ Pt. Deep Impact Sockets

Part No.	Nom. Size	Ret Ring	Shape	L	Ds	Dd	Bd
8982	1"	6583	I	4"	1-3/4"	2"	35/64"
8986	1-1/8"	6583	I	4"	1-13/16"	2"	21/32"

Meets or exceeds ASME B107.110



## ⑥ Pt. Deep Impact Metric Sockets

Part No.	Nom. Size	Ret Ring	Shape	L	Ds	Dd	Bd
89-23mm	23mm	6583	I	101.60	39.70	50.93	12.70
89-24mm	24mm	6583	I	101.60	39.70	50.93	14.00
89-27mm	27mm	6583	I	101.60	44.45	50.93	15.90
89-28mm	28mm	6583	I	101.60	46.02	50.93	16.26
89-30mm	30mm	6583	I	101.60	50.17	52.53	16.66
89-32mm	32mm	6583	II	101.60	52.53	52.53	19.05
89-33mm	33mm	6583	II	101.60	52.53	52.53	19.43
89-34mm	34mm	6583	II	101.60	52.53	52.53	20.02
89-35mm	35mm	6581A	III	101.60	57.15	53.59	20.12
89-36mm	36mm	6581A	III	101.60	57.15	53.59	21.46
89-37mm	37mm	6581A	III	101.60	57.15	53.59	22.28
89-38mm	38mm	6581A	III	101.60	57.15	53.59	22.28
89-41mm	41mm	6584	III	101.60	63.50	56.77	24.92
89-42mm	42mm	6584	III	101.60	63.50	56.77	25.40
89-43mm	43mm	6584	III	101.60	63.50	56.77	25.40
89-46mm	46mm	6585	III	104.78	69.85	61.47	28.63
89-47mm	47mm	6585	III	104.78	69.85	61.47	29.13
89-50mm	50mm	6585	III	107.95	75.69	61.47	30.00
89-52mm	52mm	6585	III	111.13	75.69	61.47	30.99
89-55mm	55mm	6585	III	114.30	82.55	61.47	33.55
89-56mm	56mm	6585	III	117.48	82.55	61.47	34.93
89-60mm	60mm	6585	III	120.65	88.90	61.47	35.41
89-65mm	65mm	6586	III	123.83	94.23	69.47	38.35
89-70mm	70mm	6586	III	127.00	97.28	69.47	41.30
89-75mm	75mm	6586	III	133.35	101.98	69.47	44.25
89-80mm	80mm	6586	III	139.70	106.05	69.47	47.19
89-85mm	85mm	6586	III	146.05	115.32	69.47	50.14
89-90mm	90mm	6586	III	152.40	120.52	69.47	53.11
89-95mm	95mm	6587	III	158.75	127.13	82.55	56.06
89-100mm	100mm	6587	III	165.10	133.22	82.55	59.00
89-105mm	105mm	6587	III	171.45	136.78	82.55	61.95
89-110mm	110mm	6587	III	177.80	143.89	82.55	64.90
89-115mm	115mm	6587	III	184.15	147.45	82.55	67.84

Meets or exceeds ASME B107.110



Refer to socket dimensional drawings on page 223.





1"

SOCKETS, RATCHETS & ATTACHMENTS



## 6 Pt. Double Square Impact (Railroad) Sockets



Part No.	Nom. Size	Ret Ring	Shape	L	Ds	Dd	Bd
8807	7/8"	6583	I	2-9/16"	1-3/4"	2"	1/2"
8808	1"	6583	II	2-11/16"	2-1/16"	2-1/16"	35/64"
8809	1-1/8"	6583	III	2-11/16"	2-1/4"	2-1/16"	21/32"
8810	1-3/16"	6583	III	2-11/16"	2-1/4"	2-1/16"	21/32"
8810A	1-5/16"	6583	III	2-11/16"	2-1/2"	2-1/16"	49/64"
8811	1-3/8"	6583	III	2-11/16"	2-1/2"	2-1/16"	25/32"
8811A	1-7/16"	6584	III	2-11/16"	2-3/4"	2-5/16"	7/8"
8812	1-1/2"	6584	III	2-11/16"	2-3/4"	2-5/16"	55/64"
8813	1-5/8"	6584	III	3-1/2"	3-1/16"	2-5/16"	1"
8815	1-13/16"	6585	III	3-1/2"	3-1/4"	2-7/16"	1-1/8"
8816A	2"	6585	III	3-1/2"	3-1/2"	2-7/16"	1-7/32"
8817	2-3/16"	6586	III	3-1/2"	3-3/4"	2-3/4"	1-3/8"

Meets or exceeds ASME B107.110



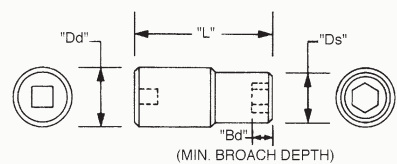
## 6 Pt. Double Square Deep Impact (Railroad) Sockets



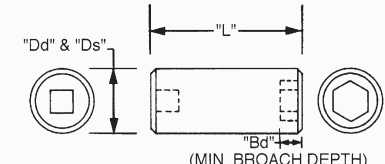
Part No.	Nom. Size	Ret Ring	Shape	L	Ds	Dd	Bd
8924R	3/4"	6583	I	4"	1-21/32"	2"	7/16"
8928R	7/8"	6583	I	4"	1-13/16"	2"	1/2"
8934R	1-1/16"	6583	II	3-1/4"	2-1/16"	2-1/16"	5/8"
8936R	1-1/8"	6581A	III	4"	2-1/4"	2-1/8"	21/32"
8938R	1-3/16"	6581A	III	3-1/4"	2-1/4"	2-1/8"	21/32"
8942R	1-5/16"	6584	III	4"	2-1/2"	2-1/4"	49/64"
8946R	1-7/16"	6585	III	4"	2-3/4"	2-7/16"	7/8"
8952R	1-5/8"	6585	III	4"	2-63/64"	2-7/16"	1"
8970R	2-3/16"	6586	III	4-1/2"	3-53/64"	2-3/4"	1-3/8"

Meets or exceeds ASME B107.110

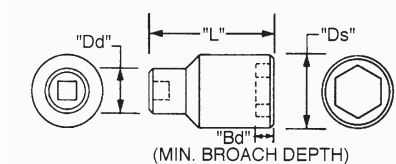
SHAPE I



SHAPE II



SHAPE III



Always use a Ret Ring® when working with impact products.

## Budd Wheel Impact Sockets

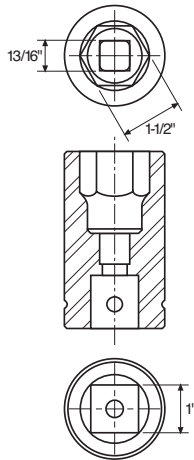
Part No.	Nom. Size	Ret Ring	Shape	L	Ds	Dd	Bd
8893	13/16" Sq. Std. Length Budd Wheels	6583	II	2-9/16"	2"	2-9/32"	9/16"
8991	1-1/2" Hex x 13/16" Sq. Long Length Comb. Socket Budd Wheels	6584	II	3-13/16"	2-1/4"	3-3/16"	19/32"
8934	1-1/16"	6583	I	4-1/4"	1-43/64"	2"	2-3/8"
8940	1-1/4"	6583	I	4-1/4"	1-27/32"	2-1/16"	2-7/8"
8995	15/16" Sq. Std. Length Budd Wheels	6583	II	2-9/16"	2"	2-9/16"	5/8"

Meets or exceeds ASME B107.110

## Square Budd Wheel Metric Impact Sockets

Part No.	Nom. Size	Ret Ring	Shape	L	Ds	Dd	Bd
88-87mm	17mm sq.	6583	II	65.10	50.80	50.80	15.88
88-91mm	21mm sq.	6583	II	65.10	50.80	50.80	15.88

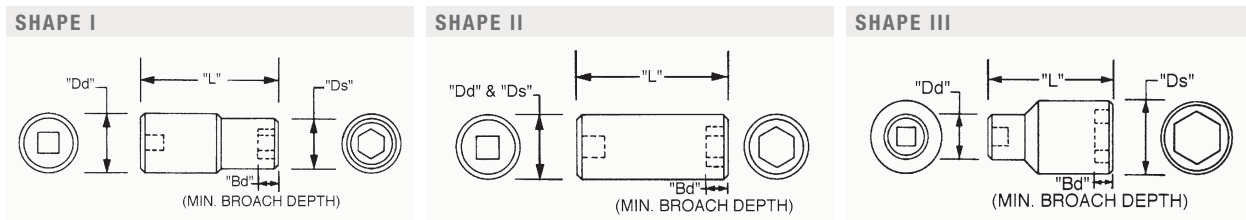
Meets or exceeds ASME B107.110



8991



8893 & 8995



Always use a Ret Ring® when working with impact products.



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.





## 1" Hex Impact Drivers, Two Pieces

Part No.	Nom. Size	Ret Ring	O.D.	Length
8220	5/8	6583	1-55/64"	3-1/4"
8224	3/4	6583	1-55/64"	3-1/4"
8228	7/8	6583	1-55/64"	5"
8232	1"	6583	1-55/64"	5"
8240	1-1/4"	6583	1-55/64"	5"

Meets or exceeds ASME B107.110  
Use 3/4" replacement bit numbers.



1"

SOCKETS, RATCHETS & ATTACHMENTS



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.




**WARNING**  
Comfort or plastic grips do not protect against electric shock.

Always use a Ret Ring® when working with impact products.



## Impact Adaptors

Part No.	Description	 Ret Ring	Length
84900	1-1/2" F x 1" M	84575	4-5/16"
84901	1-1/2" F x 2-1/2" M	84575	4-3/8"

Guarantee does not apply  
Meets or exceeds ASME B107.110




## Impact Universal

Part No.	Diameter	 Ret Ring	Length
84800	3-5/8"	8-1/4"	84575

Meets or exceeds ASME B107.110  
Maximum work load 2,500 ft. lbs.



## Impact Extensions

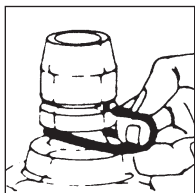
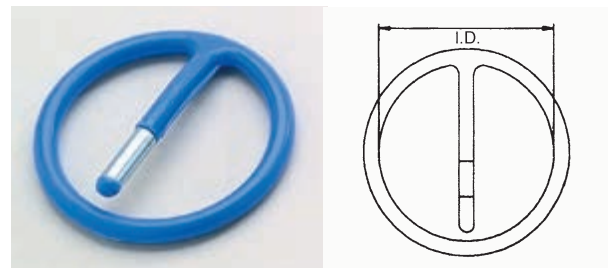
Part No.	Diameter	 Ret Ring
84908	8"	84575
84912	12"	84575
84915	15"	84575

Meets or exceeds ASME B107.110  
Safe work load maximum 4,000 ft. lbs.

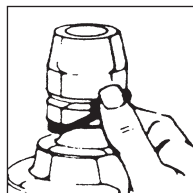


## 1-1/2" Drive Ret Ring® One-Piece Socket Retainers

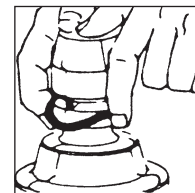
Part No.	I.D.	Part No.	I.D.
84575	2-7/8"	84577	3-7/8"
84576	3-3/8"	84578	4-3/8"



**Step 1**  
Place Socket Retainer over square driver. Place Socket on square driver aligning retention holes. Hold center pin of Retainer between thumb and index finger, and insert it through retention holes.



**Step 2**  
Push center pin of Socket Retainer all the way in.



**Step 3**  
Pull O-ring of Socket Retainer up into groove on Socket.



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.



## 6 Pt. Standard Impact Sockets



Part No.	Nom. Size	Ret Ring	Shape	L	Ds	Dd	Bd
84821	1-5/16"	84575	I	3-5/32"	2-3/4"	3-1/4"	3/4"
84822	1-3/8"	84575	I	3-5/32"	2-3/4"	3-1/4"	25/32"
84823	1-7/16"	84575	I	3-3/16"	2-3/4"	3-1/4"	7/8"
84824	1-1/2"	84575	I	3-1/4"	2-7/8"	3-1/4"	15/16"
84825	1-9/16"	84575	I	3-1/4"	2-7/8"	3-1/4"	1"
84826	1-5/8"	84575	I	3-5/16"	3"	3-1/4"	1-1/16"
84827	1-11/16"	84575	I	3-5/16"	3"	3-1/4"	1-1/16"
84828	1-3/4"	84575	I	3-3/8"	3-1/8"	3-1/4"	1-1/8"
84829	1-13/16"	84575	I	3-7/16"	3-1/8"	3-1/4"	1-5/32"
84830	1-7/8"	84575	I	3-5/8"	3-1/8"	3-1/4"	1-3/16"
84831	1-15/16"	84575	I	3-5/8"	3-1/8"	3-1/4"	1-7/32"
84832	2"	84575	II	3-3/4"	3-9/32"	3-9/32"	1-1/4"
84833	2-1/16"	84575	II	3-3/4"	3-11/40"	3-11/40"	1-5/16"
84834	2-1/8"	84575	II	3-13/16"	3-1/2"	3-1/2"	1-11/32"
84835	2-3/16"	84575	II	3-13/16"	3-1/2"	3-1/2"	1-3/8"
84836	2-1/4"	84576	II	3-7/8"	3-3/4"	3-3/4"	1-13/32"
84837	2-5/16"	84576	II	3-15/16"	3-3/4"	3-3/4"	1-15/32"
84838	2-3/8"	84576	II	4"	3-3/4"	3-3/4"	1-1/2"
84839	2-7/16"	84576	III	4-3/32"	3-7/8"	3-3/4"	1-9/16"
84840	2-1/2"	84576	III	4-1/8"	3-7/8"	3-3/4"	1-19/32"
84841	2-9/16"	84576	III	4-3/16"	4"	3-3/4"	1-5/8"
84842	2-5/8"	84576	III	4-1/4"	4"	3-3/4"	1-21/32"
84843	2-11/16"	84576	III	4-5/16"	4-3/32"	3-3/4"	1-11/16"
84844	2-3/4"	84576	III	4-3/8"	4-7/32"	3-3/4"	1-3/4"
84845	2-13/16"	84576	III	4-7/16"	4-7/32"	3-3/4"	1-25/32"
84846	2-7/8"	84576	III	4-9/20"	4-31/64"	3-3/4"	1-13/16"
84847	2-15/16"	84576	III	4-17/32"	4-31/64"	3-3/4"	1-27/32"
84848	3"	84576	III	4-5/8"	4-23/32"	3-3/4"	2"
84849	3-1/16"	84576	III	4 11/16"	4-23/32"	3-3/4"	2"
84850	3-1/8"	84576	III	4-3/4"	4-23/32"	3-3/4"	2"
84851	3-3/16"	84576	III	4-3/4"	4-51/64"	3-3/4"	2"
84852	3-1/4"	84576	III	4-27/32"	4-63/64"	3-3/4"	2-1/16"
84853	3-5/16"	84576	III	4-29/32"	4-63/64"	3-3/4"	2-3/32"
84854	3-3/8"	84576	III	4-15/16"	4-63/64"	3-3/4"	2-7/32"
84855	3-7/16"	84576	III	5"	5-3/64"	3-3/4"	2-7/32"
84856	3-1/2"	84576	III	5-1/8"	5-3/32"	3-3/4"	2-1/4"
84857	3-9/16"	84576	III	5-1/8"	5-5/32"	3-3/4"	2-1/4"
84858	3-5/8"	84576	III	5-3/16"	5-13/64"	3-3/4"	2-9/32"
84859	3-11/16"	84576	III	5-1/4"	5-9/32"	3-3/4"	2-11/32"
84860	3-3/4"	84576	III	5-5/16"	5-15/32"	3-51/64"	2-3/8"



Part No.	Nom. Size	Ret Ring	Shape	L	Ds	Dd	Bd
84861	3-13/16"	84576	III	5-13/32"	5-35/64"	3-3/4"	2-7/16"
84862	3-7/8"	84576	III	5-13/32"	5-5/8"	3-3/4"	2-1/2"
84863	3-15/16"	84576	III	5-1/2"	5-3/4"	3-3/4"	2-1/2"
84864	4"	84576	III	5-1/2"	5-51/64"	3-3/4"	2-1/2"
84865	4-1/16"	84578	III	5-9/16"	5-7/8"	3-3/4"	2-5/8"
84866	4-1/8"	84578	III	5-5/8"	6"	5"	2-5/8"
84867	4-3/16"	84578	III	5-5/8"	6"	5"	2-5/8"
84868	4-1/4"	84578	III	5-25/32"	6-1/16"	5"	2-3/4"
84869	4-5/16"	84578	III	5-25/32"	6-1/8"	5"	2-3/4"
84870	4-3/8"	84578	III	5-25/32"	6-13/64"	5"	2-3/4"
84871	4-7/16"	84578	III	5-7/8"	6-13/64"	5"	2-7/8"
84872	4-1/2"	84578	III	5-15/16"	6-1/4"	5"	2-7/8"
84874	4-5/8"	84578	III	6-3/16"	6-3/8"	5"	3"
84876	4-3/4"	84578	III	6-3/16"	6-31/64"	5"	3"
84878	4-7/8"	84578	III	6-1/4"	6-5/8"	5"	3"
84880	5"	84578	III	6-1/4"	6-49/64"	5"	3"
84882	5-1/8"	84578	III	6-3/8"	6-59/64"	5"	3"
84884	5-1/4"	84578	III	6-1/2"	7-1/16"	5"	3-1/8"
84886	5-3/8"	84578	III	6-1/2"	7-13/64"	5"	3-1/8"
84888	5-1/2"	84578	III	6-5/8"	7-11/32"	5"	3-1/4"
84896	6"	85578 "O" ring	III	6-7/8"	7-15/16"	6"	3-1/2"
848104	6-1/2"	85579 Pin	III	7"	8-33/64"	6"	3-5/8"

Meets or exceeds ASME B107.110

Refer to socket dimensional drawings on page 225.



Always use a Ret Ring® when working with impact products.

## 6 Pt. Standard Metric Impact Sockets



Part No.	Nom. Size	Ret Ring	Shape	L	Ds	Dd	Bd
848-36mm	36mm	84575	I	80.90	71.12	82.68	21.45
848-38mm	38mm	84575	I	82.17	73.03	82.68	22.25
848-41mm	41mm	84575	I	82.30	76.20	82.68	24.92
848-42mm	42mm	84575	I	82.30	77.22	82.68	25.40
848-43mm	43mm	84575	I	85.47	78.23	82.68	25.40
848-46mm	46mm	84575	I	85.47	78.23	82.68	28.63
848-47mm	47mm	84575	I	92.58	82.30	82.68	29.13
848-48mm	48mm	84575	I	92.58	83.31	-	29.51
848-50mm	50mm	84575	II	95.00	85.47	85.47	30.00
848-52mm	52mm	84575	II	95.00	87.63	87.63	30.99
848-55mm	55mm	84575	II	97.41	88.90	88.90	33.55
848-56mm	56mm	84575	II	98.55	91.95	91.95	34.93
848-60mm	60mm	84575	II	102.11	99.06	95.25	35.41
848-65mm	65mm	84576	III	106.05	102.24	95.25	38.35
848-70mm	70mm	84576	III	111.63	107.95	95.25	41.30
848-75mm	75mm	84576	III	115.19	113.79	95.25	44.25
848-80mm	80mm	84576	III	121.16	119.63	95.25	47.19
848-85mm	85mm	84576	III	125.98	125.48	95.25	50.14
848-90mm	90mm	84576	III	130.68	131.32	95.25	53.11
848-95mm	95mm	84576	III	135.51	137.16	95.25	56.06
848-100mm	100mm	84576	III	139.83	143.00	95.25	59.00
848-105mm	105mm	84578	III	143.00	148.72	127.00	61.95
848-110mm	110mm	84578	III	146.81	154.43	127.00	64.90
848-115mm	115mm	84578	III	150.11	160.02	127.00	67.84
848-120mm	120mm	84578	III	156.21	165.74	127.00	70.79
848-125mm	125mm	84578	III	158.75	171.45	127.00	73.76
848-130mm	130mm	84578	III	161.93	177.17	127.00	76.71
848-135mm	135mm	84578	III	165.10	182.88	127.00	79.65
848-140mm	140mm	84578	III	168.28	188.60	127.00	82.60
848-145mm	145mm	84578	III	171.45	194.31	127.00	85.55
848-150mm	150mm	84578	III	174.63	200.03	127.00	88.49
848-155mm	155mm	84578	III	178.05	205.74	127.00	91.44

Meets or exceeds ASME B107.110



## 12 Pt. Standard Impact Sockets



Part No.	Nom. Size	Ret Ring	Shape	L	Ds	Dd	Bd
84723	1-7/16"	84575	I	3-3/16"	2-3/4"	3-1/4"	7/8"
84724	1-1/2"	84575	I	3-1/4"	2-7/8"	3-1/4"	15/16"
84725	1-9/16"	84575	I	3-1/4"	2-7/8"	3-1/4"	1"
84727	1-11/16"	84575	I	3-1/4"	3"	3-1/4"	1-1/16"
84728	1-3/4"	84575	I	3-3/8"	3-1/8"	3-1/4"	1-1/8"
84733	2-1/16"	84575	II	3-3/4"	3-1/4"	3-1/4"	1-5/16"
84738	2-3/8"	84575	II	4"	3-3/4"	3-3/4"	1-1/2"
84743	2-11/16"	84576	III	4-9/32"	4-3/32"	3-3/4"	1-11/16"
84748	3"	84576	III	4-5/8"	4-23/32"	3-3/4"	2"
84750	3-1/8"	84576	III	4-3/4"	4-23/32"	3-3/4"	2"

Meets or exceeds ASME B107.110



Refer to socket dimensional drawings on page 225.

1-1/2"

SOCKETS, RATCHETS & ATTACHMENTS



## ⑥ Pt. Deep Impact Sockets

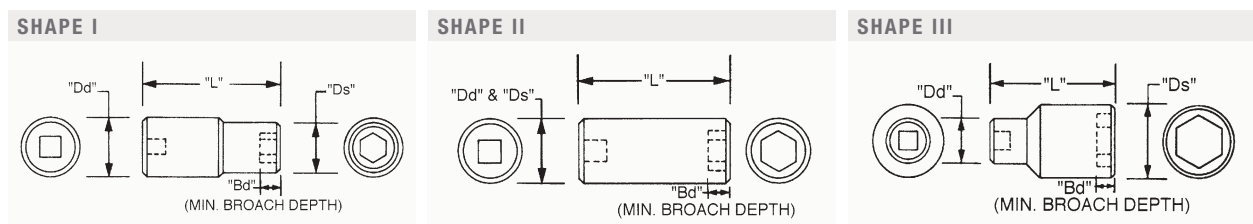
Part No.	Nom. Size	Ret Ring	Shape	L	Ds	Dd	Bd
84921	1-5/16"	84575	I	5-11/16"	2-3/4"	3-1/4"	3/4"
84922	1-3/8"	84575	I	5-11/16"	2-3/4"	3-1/4"	13/16"
84923	1-7/16"	84575	I	5-11/16"	2-3/4"	3-1/4"	7/8"
84924	1-1/2"	84575	I	5-11/16"	2-7/8"	3-1/4"	7/8"
84925	1-9/16"	84575	I	5-11/16"	2-7/8"	3-1/4"	1"
84926	1-5/8"	84w575	I	5-11/16"	3"	3-1/4"	1-1/16"
84927	1-11/16"	84575	I	5-11/16"	3"	3-1/4"	1-1/16"
84928	1-3/4"	84575	I	5-11/16"	3-1/8"	3-1/4"	1-1/8"
84929	1-13/16"	84575	I	5-11/16"	3-1/8"	3-1/4"	1-1/8"
84930	1-7/8"	84575	I	5-11/16"	3-1/8"	3-1/4"	1-3/16"
84931	1-5/16"	84575	I	5-11/16"	3-1/8"	3-1/4"	1-7/32"
84932	2"	84575	II	5-11/16"	3-9/32"	3-9/32"	1-1/4"
84933	2-1/16"	84575	II	5-11/16"	3-9/32"	3-9/32"	1-5/16"
84934	2-1/8"	84575	II	5-11/16"	3-1/2"	3-1/2"	1-3/8"
84935	2-3/16"	84575	II	5-11/16"	3-1/2"	3-1/2"	1-3/8"
84936	2-1/4"	84576	II	6-1/16"	3-3/4"	3-3/4"	1-7/16"
84937	2-5/16"	84576	II	6-1/16"	3-3/4"	3-3/4"	1-15/32"
84938	2-3/8"	84576	II	6-1/16"	3-3/4"	3-3/4"	1-1/2"
84939	2-7/16"	84576	III	6-1/16"	3-7/8"	3-3/4"	1-9/16"
84940	2-1/2"	84576	III	6-1/16"	3-7/8"	3-3/4"	1-19/32"
84941	2-9/16"	84576	III	6-1/16"	4"	3-3/4"	1-5/8"
84942	2-5/8"	84576	III	6-1/16"	4"	3-3/4"	1-11/16"
84943	2-11/16"	84576	III	6-1/16"	4-1/8"	3-3/4"	1-11/16"
84944	2-3/4"	84576	III	6-1/16"	4-7/32"	3-3/4"	1-3/4"
84945	2-13/16"	84576	III	6-5/16"	4-7/32"	3-3/4"	1-25/32"
84946	2-7/8"	84576	III	6-5/16"	4-15/32"	3-3/4"	1-13/16"
84947	2 15/16"	84576	III	6-5/16"	4-15/32"	3-3/4"	1-27/32"
84948	3"	84576	III	6-5/16"	4-23/32"	3-3/4"	2"
84949	3-1/16"	84576	III	6-5/16"	4-23/32"	3-3/4"	2"
84950	3-1/8"	84576	III	6-5/16"	4-23/32"	3-3/4"	2"
84951	3-3/16"	84576	III	6-7/16"	4-23/32"	3-3/4"	2"
84952	3-1/4"	84576	III	6-7/16"	4-31/32"	3-3/4"	2-1/16"
84953	3-5/16"	84576	III	6-7/16"	4-31/32"	3-3/4"	2-3/32"
84954	3-3/8"	84576	III	6-7/16"	4-31/32"	3-3/4"	2-1/8"
84955	3-7/16"	84576	III	6-7/16"	4-31/32"	3-3/4"	2-5/32"



Part No.	Nom. Size	Ret Ring	Shape	L	Ds	Dd	Bd
84956	3-1/2"	84576	III	6-7/16"	5-7/64"	3-3/4"	2-1/4"
84957	3-9/16"	84576	III	6-7/16"	5-7/64"	3-3/4"	2-1/4"
84958	3-5/8"	84576	III	6-13/16"	5-13/64"	3-3/4"	2-9/32"
84959	3-11/16"	84576	III	6-13/16"	5-13/64"	3-3/4"	2-11/32"
84960	3-3/4"	84576	III	6-13/16"	5-15/32"	3-3/4"	2-3/8"
84961	3-13/16"	84576	III	6-13/16"	5-1/2"	3-3/4"	2-13/32"
84962	3-7/8"	84576	III	7-1/16"	5-1/2"	3-3/4"	2-1/2"
84963	3-15/16"	84576	III	7-1/16"	5-3/4"	3-3/4"	2-1/2"
84964	4"	84576	III	7-1/16"	5-3/4"	3-3/4"	2-1/2"
84965	4-1/16"	84578	III	7-1/16"	5-3/4"	5"	2-5/8"
84966	4-1/8"	84578	III	7-13/16"	6"	5"	2-5/8"
84967	4-3/16"	84578	III	7-13/16"	6"	5"	2-5/8"
84968	4-1/4"	84578	III	7-13/16"	6"	5"	2-3/4"
84969	4-5/16"	84578	III	7-13/16"	6"	5"	2-3/4"
84970	4-3/8"	84578	III	7-13/16"	6-7/32"	5"	2-3/4"
84971	4-7/16"	84578	III	7-13/16"	6-7/32"	5"	2-7/8"
84972	4-1/2"	84578	III	7-13/16"	6-7/32"	5"	2-7/8"
84974	4-5/8"	84578	III	7-13/16"	6-3/8"	5"	3"
84976	4-3/4"	84578	III	7-13/16"	6-3/8"	5"	3"
84980	5"	84578	III	7-13/16"	6-49/64"	5"	3"

Meets or exceeds ASME B107.110

\*Note: Limited Quantities, call Wright Tool for delivery.



Always use a Ret Ring® when working with impact products.

## 6 Pt. Deep Metric Impact Sockets



Part No.	Nom. Size	Ret Ring	Shape	L	Ds	Dd	Bd
849-41mm	41mm	84575	I	144.22	76.20	82.68	24.92
849-42mm	42mm	84575	I	144.22	76.20	82.68	25.40
849-43mm	43mm	84575	I	144.22	79.38	82.68	25.40
849-46mm	46mm	84575	I	144.22	79.38	82.68	28.63
849-50mm	50mm	84575	II	144.22	83.19	83.19	30.00
849-52mm	52mm	84575	II	144.22	83.19	83.19	30.99
849-55mm	55mm	84575	II	144.22	86.49	86.49	33.55
849-56mm	56mm	84575	II	153.75	87.25	87.25	36.07
849-60mm	60mm	84575	II	153.75	91.57	91.57	35.41
849-65mm	65mm	84576	III	153.75	97.92	95.25	38.35
849-70mm	70mm	84576	III	153.75	103.38	95.25	41.30
849-75mm	75mm	84576	III	160.10	109.22	95.25	44.25
849-80mm	80mm	84576	III	163.27	115.19	95.25	47.19
849-85mm	85mm	84576	III	163.27	121.16	95.25	50.14
849-90mm	90mm	84576	III	163.27	126.75	95.25	53.11
849-95mm	95mm	84576	III	172.80	132.59	95.25	56.06
849-100mm	100mm	84576	III	179.15	138.43	95.25	59.00
849-105mm	105mm	84576	III	198.20	144.27	95.25	61.95
849-110mm	110mm	84576	III	198.20	149.99	95.25	64.90
849-115mm	115mm	84576	III	198.20	155.45	95.25	67.84
849-120mm	120mm	84576	III	198.20	160.66	95.25	70.79
849-125mm	125mm	84578	III	203.20	166.24	127.00	73.76
849-130mm	130mm	84578	III	203.20	171.83	127.00	76.71

Meets or exceeds ASME B107.110



1-1/2"

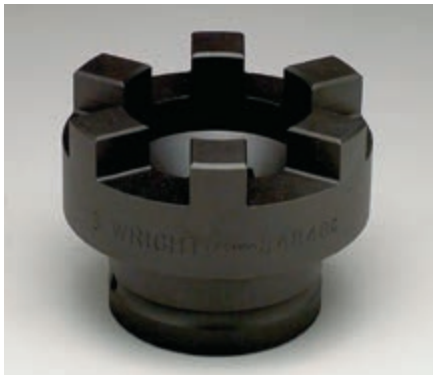
SOCKETS, RATCHETS & ATTACHMENTS

Refer to socket dimensional drawings on page 227.





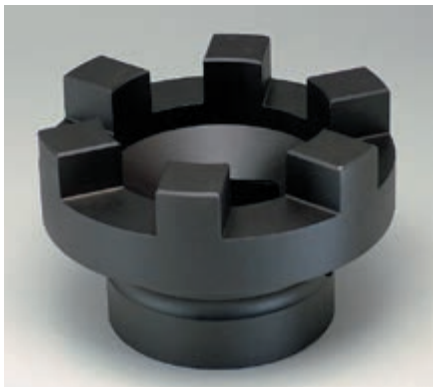
# 1-1/2" & 2-1/2" Drive Castellated/ Spanner Sockets



## 1-1/2" Drive Castellated/Spanner Sockets



Part No.	Nom. Size	Ret Ring	Shape	L	Ds	Dd	Bd
848C36	2-1/4"	84576	III	3-3/8"	3-1/2"	3-3/4"	9/16"
848C40	2-1/2"	84576	III	3-7/16"	3-7/8"	3-3/4"	9/16"
848C44	2-3/4"	84576	III	3-1/2"	4-1/4"	3-3/4"	11/16"
848C48	3"	84576	III	3-9/16"	4-5/8"	3-3/4"	11/16"
848C56	3-1/2"	84576	III	3-7/8"	5-3/8"	3-3/4"	15/16"

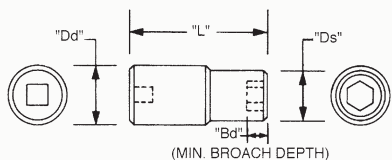


## 2-1/2" Drive Castellated/Spanner Sockets

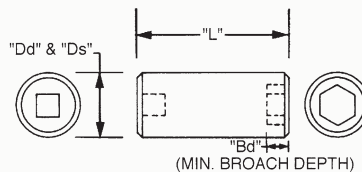


Part No.	Nom. Size	"O" Ring	Retainer Pin	Shape	L	Ds	Dd	Bd
858C18	2-1/4"	85576	85577	I	3-7/8"	3-1/2"	5"	9/16"
858C40	5"	85576	85577	III	5"	7-5/8"	5"	1-1/16"

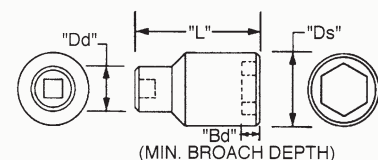
### SHAPE I



### SHAPE II



### SHAPE III



## 6 Pt. Standard Impact Sockets

Part No.	Nom. Size	"O" Ring	Retainer Pin	Shape	L	Ds	Dd
85814	1-3/4"	85576	85577		5-3/8"	4-13/64"	5"
85815	1-7/8"	85576	85577		5-3/8"	4-19/64"	5"
85816	2"	85576	85577		5-3/8"	4-25/64"	5"
85817	2-1/8"	85576	85577		5-3/8"	4-15/32"	5"
85818	2-1/4"	85576	85577		5-1/2"	4-9/16"	5"
85819	2-3/8"	85576	85577		5-1/2"	4-21/32"	5"
85820	2-1/2"	85576	85577		5-1/2"	4-3/4"	5"
85820A	2-9/16"	85576	85577		5-1/2"	4-25/32"	5"
85821	2-5/8"	85576	85577		5-1/2"	4-13/16"	5"
85822	2-3/4"	85576	85577		5-5/8"	4-29/32"	5"
85822A	2-7/8"	85576	85577		5-5/8"	5-1/32"	-
85823	2-15/16"	85576	85577		5-5/8"	5-1/16"	-
85824	3"	85576	85577		5-5/8"	5-3/32"	-
85825	3-1/8"	85576	85577		5-3/4"	5-7/32"	-
85826	3-1/4"	85576	85577		5-3/4"	5-21/64"	-
85827	3-3/8"	85576	85577		5-3/4"	5-29/64"	-
85827A	3-7/16"	85578	85579		5-3/4"	5-1/2"	-
85828	3-1/2"	85578	85579		5-3/4"	5-9/16"	-
85829	3-5/8"	85578	85579		5-3/4"	5-11/16"	-
85830	3-3/4"	85578	85579		6-1/4"	5-13/16"	-
85831	3-7/8"	85578	85579		6-1/4"	5-15/16"	-
85832	4"	85578	85579		6-1/4"	6-1/16"	-
85833	4-1/8"	85578	85579		6-1/4"	6-3/16"	-
85834	4-1/4"	85578	85579		6-3/4"	6-5/16"	5-63/64"
85835	4-3/8"	85578	85579		6-3/4"	6-7/16"	5-63/64"
85836	4-1/2"	85578	85579		7"	6-9/16"	5-63/64"
85837	4-5/8"	85578	85579		7"	6-11/16"	5-63/64"
85838	4-3/4"	85578	85579		7"	6-13/16"	5-63/64"
85839	4-7/8"	85578	85579		7-1/4"	6-61/64"	5-63/64"
85840	5"	85578	85579		7-1/2"	7-5/64"	5-63/64"
85841	5-1/8"	85578	85579		7-1/2"	7-7/32"	5-63/64"
85842	5-1/4"	85578	85579		7-1/2"	7-23/64"	5-63/64"
85843	5-3/8"	85578	85579		7-3/4"	7-1/2"	5-63/64"
85844	5-1/2"	85578	85579		7-3/4"	7-21/32"	5-63/64"
85845	5-5/8"	85578	85579		7-3/4"	7-51/64"	5-63/64"
85846	5-3/4"	85580	85581		7-3/4"	7-15/16"	5-63/64"
85847	5-7/8"	85580	85581		7-3/4"	8-3/32"	5-63/64"
85848	6"	85580	85581		7-7/8"	8 15/64"	5-63/64"
85849	6-1/8"	85580	85581		7-7/8"	8-3/8"	5-63/64"
85850	6-1/4"				7-7/8"	8-17/32"	5-63/64"
85851	6-3/8"				8"	8-21/32"	5-63/64"
85852	6-1/2"				8"	8-13/16"	5-63/64"
85853	6-5/8"				8"	8-61/64"	6-1/2"
85854	6-3/4"				8"	9-3/32"	6-1/2"
85855	6-7/8"				8"	9-1/4"	6-1/2"
85856	7"				8"	9-25/64"	6-1/2"
85857	7-1/8"				8"	9-17/32"	6-1/2"
85858	7-1/4"				8-1/2"	9-11/16"	6-1/2"
85859	7-3/8"				8-1/2"	9-53/64"	6-1/2"
85860	7-1/2"				8-1/2"	9-31/32"	6-1/2"
85861	7-5/8"				8-1/2"	10-1/8"	6-1/2"
85862	7-3/4"				8-1/2"	10-1/4"	6-1/2"
85863	7-7/8"				8-3/4"	10-13/32"	6-1/2"
85864	8"				8-3/4"	10-9/16"	8"



### "O" Rings

Part No.	O.D.	I.D.	Width
85576	4-1/2"	4"	1/4"
85578	5-1/2"	5"	1/4"
85580	6"	5-1/2"	1/4"
85582	7-1/2"	7"	1/4"

### Retainer Pins

Part No.	O.D.	Length
85577	5/16"	4-3/8"
85579	5/16"	5-3/8"
85581	5/16"	5-7/8"
85583	5/16"	7-3/8"

Meets or exceeds ASME B107.110



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.





## ⑥ Pt. Metric Standard Impact Sockets

Part No.	Nom. Size	"O" Ring	Retainer Pin	Shape	L	Ds	Dd	Bd
858-60mm	60mm	85576	85577	I	139.45	117.09	127.25	35.41
858-65mm	65mm	85576	85577	I	139.45	117.09	127.25	38.35
858-70mm	70mm	85576	85577	II	142.62	127.25	127.25	41.30
858-75mm	75mm	85576	85577	II	142.62	127.25	127.25	44.25
858-80mm	80mm	85576	85577	II	145.80	127.25	127.25	47.19
858-85mm	85mm	85576	85577	II	145.80	139.95	139.95	50.14
858-90mm	90mm	85576	85577	II	145.80	139.95	139.95	53.11
858-95mm	95mm	85578	85579	II	158.50	149.73	149.73	56.06
858-100mm	100mm	85578	85579	II	158.50	149.73	149.73	59.00
858-105mm	105mm	85578	85579	II	158.50	152.91	152.91	61.95
858-110mm	110mm	85578	85579	III	171.20	162.43	151.89	64.90
858-115mm	115mm	85578	85579	III	177.55	162.43	151.89	67.84
858-120mm	120mm	85578	85579	III	177.55	171.45	151.89	70.79
858-125mm	125mm	85578	85579	III	183.90	178.31	151.89	73.76
858-130mm	130mm	85578	85579	III	190.25	184.66	151.89	76.71
858-135mm	135mm	85578	85579	III	196.60	191.01	151.89	79.65
858-140mm	140mm	85578	85579	III	196.60	197.36	151.89	82.60
858-145mm	145mm	85578	85579	III	196.60	203.71	151.89	85.55
858-150mm	150mm	85578	85579	III	199.77	203.71	151.89	88.49
858-155mm	155mm	85578	85579	III	199.77	209.55	151.89	91.44
858-160mm	160mm	85578	85579	III	202.95	216.41	151.89	94.41
858-165mm	165mm	85578	85579	III	202.95	222.25	151.89	97.36
858-170mm	170mm	85580	85581	III	202.95	228.60	165.10	100.30
858-175mm	175mm	85580	85581	III	202.95	234.95	165.10	103.25
858-180mm	180mm	85580	85581	III	206.12	241.30	165.10	106.20
858-185mm	185mm	85580	85581	III	209.30	244.09	165.10	109.14
858-190mm	190mm	85580	85581	III	212.47	249.17	165.10	112.09
858-200mm	200mm	85582	85583	III	218.82	260.35	165.10	118.01
858-210mm	210mm	85582	85583	III	225.17	269.49	165.10	120.02
858-215mm	215mm	85582	85583	III	228.35	274.96	165.10	120.02
858-225mm	225mm	85582	85583	III	231.52	286.00	165.10	120.02
858-235mm	235mm	85582	85583	III	234.70	297.43	165.10	120.02
858-255mm	255mm	85582	85583	III	241.05	319.02	165.10	120.02

Meets or exceeds ASME B107.110

2-1/2"

SOCKETS, RATCHETS & ATTACHMENTS



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.

Always use a Ret Ring® when working with impact products.



# 3-1/2" Drive Impact Sockets



## 6 Pt. Standard Impact Sockets

Part No.	Nom. Size	Shape	L	Ds	Dd	Bd
86837	4-5/8"	II	9"	7-3/4"	7-3/4"	3"
86840	5"	II	9"	7-27/32"	7-27/32"	3-3/16"
86843	5-3/8"	I	11-7/16"	8-1/6"	6-7/8"	3-1/16"
86846	5-3/4"	III	9-1/2"	8-7/16"	8	3-5/8"
86849	6-1/8"	III	9-1/2"	8-7/8"	8	3-7/8"
86852	6-1/2"	III	10"	9-5/16"	8	4"
86855	6-7/8"	III	10"	9-3/4"	8	4-15/16"
86858	7-1/4"	III	12"	10"	8	5-1/2"
86864	8"	III	10-1/4"	10-27/32"	8	4-1/2"
86867	8-3/8"	III	10-3/8"	11-13/32"	6-7/8"	4-3/4"
86873	9-1/8"	III	11-3/4"	12-1/4"	6-7/8"	5"
86878	9-3/4"	III	11"	12-3/4"	8	5-3/4"
86882	10-1/4"	III	11-3/4"	13-1/2"	8	6-1/2"



## 6 Pt. Deep Impact Sockets

Part No.	Nom. Size
86940	5"
86943	5-3/8"
86949	6-1/8"
86955	6-7/8"
86963	7-7/8"
86967	8-3/8"
86973	9-1/8"



## Impact Attachment

Part No.	Nom. Size
86420	20" Extension



3-1/2"

SOCKETS, RATCHETS & ATTACHMENTS

Always use a Ret Ring® when working with impact products.



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.



## #5 Spline Drive Impact Sockets

Wright Tool spline drive sockets and adaptors are manufactured from 4140 alloy steel and heat treated for maximum strength. Openings are hot forged to close tolerances and the 14 tooth female spline is designed for a snug fit. It also has an internal groove that fits the locking devices on all #5 Spline Drive Impact Wrenches.

Part No.	Description
5800	#5 Spline Impact Universal

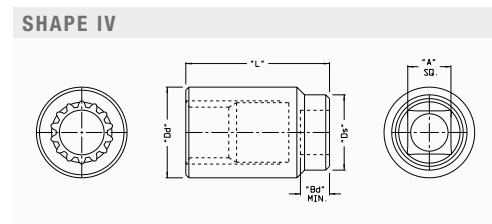
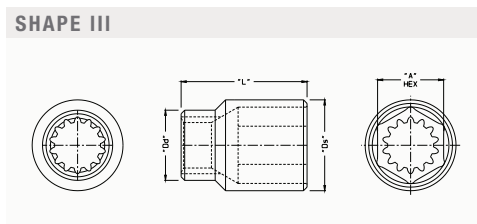
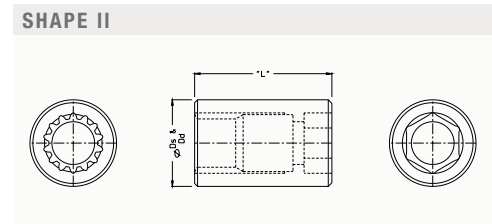
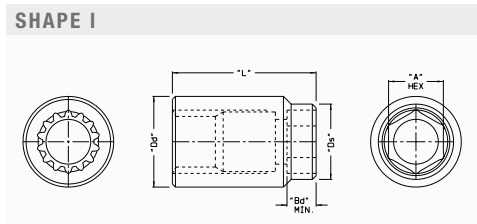
Meets or exceeds ASME B107.110



## #5 Spline Impact Adaptor

Part No.	Nom. Size	L	Ds	Dd	Bd
5901	#5F x 1"M	3-21/32"	-	2-3/8"	-

Guarantee does not apply  
Meets or exceeds ASME B107.110



Always use a Ret Ring® when working with impact products.

#5 Spline

SOCKETS, RATCHETS & ATTACHMENTS

## #5 Spline Drive ⑥ Pt. Standard Impact Sockets

Part No.	Nom. Size	Shape	L	Ds	Dd	Bd
5828	7/8"		3-1/16"	1-17/32"	2-3/8"	
5830	15/16"		3-1/16"	1-9/16"	2-3/8"	
5832	1"		3-1/16"	1-21/32"	2-3/8"	
5834	1-1/16"		3-1/16"	1-3/4"	2-3/8"	
5836	1-1/8"		3-1/16"	1-13/16"	2-3/8"	
5838	1-3/16"		3-1/16"	1-61/64"	2-3/8"	
5840	1-1/4"		3-1/16"	2-1/8"	2-3/8"	
5842	1-5/16"		3-1/16"	2-3/8"	-	
5844	1-3/8"		3-1/16"	2-3/8"	-	
5846	1-7/16"		3-1/16"	2-9/16"	2-3/8"	
5848	1-1/2"		3-1/16"	2-5/8"	2-3/8"	
5850	1-9/16"		3-1/16"	2-11/16"	2-7/16"	
5852	1-5/8"		3-1/16"	2-3/4"	2-7/16"	
5854	1-11/16"		3-1/16"	2-13/16"	2-7/16"	
5856	1-3/4"		3-1/16"	2-7/8"	2-1/2"	
5858	1-13/16"		3-1/16"	3"	2-1/2"	
5860	1-7/8"		3-1/16"	3"	2-1/2"	
5862	1-15/16"		3-1/16"	3-1/16"	2-1/2"	
5864	2"		3-1/16"	3-1/8"	2-1/2"	
5866	2-1/16"		3-1/2"	3-13/64"	2-1/2"	
5868	2-1/8"		3-1/2"	3-9/32"	2-1/2"	
5870	2-3/16"		3-1/2"	3-11/32"	2-1/2"	
5872	2-1/4"		3-3/4"	3-27/64"	2-1/2"	
5874	2-5/16"		3-3/4"	3-1/2"	2-1/2"	
5876	2-3/8"		3-3/4"	3-9/16"	2-1/2"	
5878	2-7/16"		3-3/4"	3-41/64"	2-1/2"	
5880	2-1/2"		3-3/4"	3-23/32"	2-1/2"	
5882	2-9/16"		4"	3-3/4"	2-1/2"	
5884	2-5/8"		4"	3-55/64"	2-1/2"	
5888	2-3/4"		4"	4"	2-1/2"	
5894	2-15/16"		4"	4-7/32"	2-1/2"	
5896	3"		4-1/4"	4-19/64"	2-1/2"	
5897	3"1/8"		4-1/4"	4-7/16"	2-1/2"	



## #5 Spline Drive ⑥ Pt. Deep Impact Sockets

Part No.	Nom. Size	Shape	L	Ds	Dd	Bd
5934	1-1/16"	I	3-3/4"	1-3/4"	2-3/8"	13/16"
5936	1-1/8"	I	3-3/4"	1-13/16"	2-3/8"	13/16"
5938	1-3/16"	I	3-3/4"	2-1/16"	2-3/8"	5/8"
5940	1-1/4"	I	3-3/4"	2-3/32"	2-3/8"	29/32"
5942	1-5/16"	I	3-3/4"	-	2-3/8"	49/64"
5946	1-7/16"	I	3-3/4"	-	2-3/8"	49/64"
5948	1-1/2"	I	3-3/4"	-	2-3/8"	7/8"

Meets or exceeds ASME B107.110

## #5 Spline Drive Square Impact Sockets

Part No.	Nom. Size	Shape	L	Ds	Dd	Bd
5993	13/16" sq.	IV	3-1/16"	1-25/32"	2-3/8"	3/4"
5995	15/16" sq.	IV	3-1/16"	2"	2-3/8"	17/32"

Meets or exceeds ASME B107.110



Refer to socket dimensional drawings on page 231.




**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.



# TORQUE WRENCHES & TOOLS



For years, torque wrenches have been the standard for tightening nuts and bolts that clamp parts together. Wright offers an extensive line of torque wrenches in four styles—beam, micro-adjustable, dial, and electronic. We also offer an array of other torque tools, including torque screwdrivers, torque multipliers and a torque tester.



## W A R N I N G !

### TORQUE WRENCHES

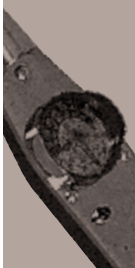
- Users and bystanders must wear safety goggles.
- To avoid possible eye injury from flying objects, safety goggles or equivalent protection conforming to ANSI Z87.1 shall be worn and kept clean by the user and all persons in the immediate area where any tool is being used.
- Comfort or plastic grips on handles are not intended to give any degree of protection against electric shock and shall not be used on or near live electric circuits.
- Torque wrenches are a precision instrument. Read the instruction manual completely before using any torque wrench and learn the proper method to operate, maintain and store torque wrenches.

### TORQUE MULTIPLIERS

- Users and bystanders must wear safety goggles.
- To avoid possible eye injury from flying objects, safety goggles or equivalent protection conforming to ANSI Z87.1 shall be worn and kept clean by the user and all persons in the immediate area where any tool is being used.
- A torque multiplier generates an output torque much greater than the input torque. Do not use a torque multiplier without reading and learning the safety and operating instructions that are provided with each torque multiplier.
- Users must wear hard hats, gloves and steel toed boots.

## TORQUE WRENCHES SAFETY

- Torque wrenches are to be used to tighten fasteners only. Do not use torque wrenches to loosen or remove fasteners.
- Users shall apply a controlled force with a stance adjusted and braced to prevent rapid bodily movement or a fall if sudden release occurs.
- Always pull, do not push to apply torque.
- Do not use torque wrenches with sockets or fasteners showing wear or cracks.
- Keep torque wrenches clean. The ratchet mechanism may slip or break if dirty, mismatched or worn parts are used.
- Make sure the direction lever is fully engaged.
- Take care to never overload a torque wrench past its maximum torque capacity.
- Torque wrenches are to be used by hand only. Do not use cheater bars or any other means of increasing leverage.
- Use the appropriate drive size. Select the torque wrench drive that is in the mid-range of the desired torque.
- Never expose any torque wrench to excessive heat, which may change the hardness or microstructure and ruin the tool.
- Never use torque wrenches for prying or as a hammer.
- Send torque wrenches to a qualified lab for calibration at least once a year or every 5,000 cycles, whichever comes first.
- Inspect and discard bent, worn or damaged torque wrenches
- Users shall apply a controlled force with a stance adjusted and braced to prevent rapid bodily movement or a fall if sudden release occurs.
- Only use impact sockets with torque multipliers and secure to the output square with a retaining pin & O-ring. Never use hand sockets or any attachments (including adaptors) with torque multipliers.
- Before each use, inspect and replace any torque multiplier output squares showing signs of wear or cracks.
- Before each use, inspect and tighten the torque multiplier holding screws.
- Before each use, inspect and replace any impact sockets or fasteners showing signs of wear or cracks.
- Do not use impact guns with torque multipliers.
- Do not use breaker bars with torque multipliers.



## Micro-Adjustable “Click Type” Metal Handle Torque Wrenches

- Rugged.
- Accurate,  $\pm 4\%$  clockwise,  $\pm 6\%$  counterclockwise @ 20% of the scale.
- Easy to operate.
- Durable.
- All parts made from alloy tool steel for long life accuracy. Accuracy meets or exceeds all applicable government specifications.
- Exposed scale.
- Positive lock with spring loaded pull down lock ring. Super rugged knurled metal for industrial use. Pull lock ring down and turn handle to adjust reading. Positive locking device cannot be jarred into unlock position.
- All wrenches meet or exceed ANSI B 107.14M or GGG-S-686, whichever applies.
- Ratchet head models are 24 tooth industrial grade ratchets designed for industrial use.
- Feature a push button socket “quick release” mechanism (except 6448, 8447 and 8448).
- All wrenches feature English scales primary and Newton meter secondary.
- Micrometer “clicker” torque wrenches feature a distinct breaking action when the set torque is reached. the breaking action and clicking noise is greatest at the upper part of the scale.
- All wrenches will be shipped in fitted blow mold plastic storage boxes, except the 8447 and 8448, which will be shipped in a metal box.
- All wrenches include a “Certificate of Calibration.”



4476, 4479, 4477, 4478, 6448



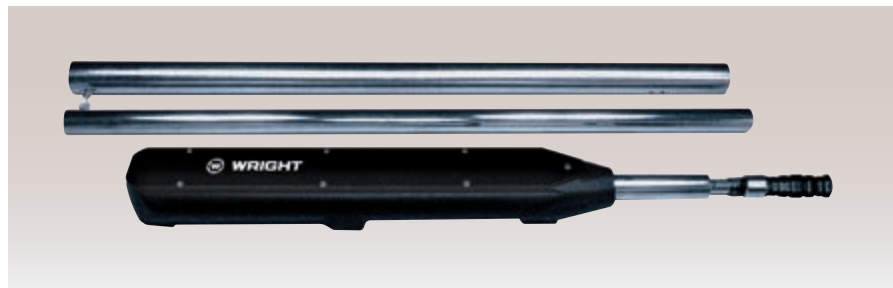
3447, 3477, 3479



2477, 3478




**8447**

**8448**

**8449**

Part No.	Drive Size	Torque Range English	Incr.	Torque Range Metric	Incr. (Nm)	Head Style	Length Inches	Wt. Lbs.	Ratchet Repair Kit #
<b>Inch Pounds</b>									
2477	1/4"	20-150 in. lbs.	1	2.8-16.4	.12	Ratchet	10.15"	.90	61-100-8RKTONY
3478	3/8"	30-200 in. lbs.	1	3.9-22.0	.12	Ratchet	10.15"	.85	61-100-10RKTONY
3479	3/8"	150-1,000 in. lbs.	5	19.8-110.2	.6	Ratchet	15.75"	2.5	46-500-12RKTONY
4476	1/2"	700-1,600 in. lbs.	10	84.4-175.2	1.4	Ratchet	18"	3.0	96-500-8RKTONY
4479	1/2"	300-2,500 in. lbs.	10	39.6-276.8	1.4	Ratchet	18"	3.0	96-500-8RKTONY
<b>Foot Pounds</b>									
3447	3/8"	5-75 ft. lbs.	.5	10.2-98.3	.7	Ratchet	15.5"	2.5	46-500-12RKTONY
3477	3/8"	10-100 ft. lbs.	.5	16.9-132.2	.7	Ratchet	15.5"	2.5	46-500-12RKTONY
4477	1/2"	20-150 ft. lbs.	1	34-197	1.5	Ratchet	19"	3.15	96-500-8RKTONY
4478	1/2"	50-250 ft. lbs.	1	47-332	1.5	Ratchet	24.4"	3.15	96-500-8RKTONY
6448	3/4"	100-600 ft. lbs.	5	169-779	7	Ratchet	42"	17.0	9610-0112RK
8447	1"	200-1,000 ft. lbs.	5	305-1,320	7	Ratchet	70"	40.0	9610-0111RK
8448	1"	200-1,000 ft. lbs.	5	305-1,320	7	Fixed Head Non-Ratcheting	69"	24.5	N/A
8449	1"	300-2,000 ft. lbs.	10	480-2,700	13.5	Fixed Head Non-Ratcheting	108-1/2"	48.75	N/A

Contact customer service at (800) 321-2902 for Torque Wrench repair kits.


**WARNING**  
 Wear safety goggles user and bystander.

**WARNING**  
 Before using tools, read safety information on pages 399-403.

**WARNING**  
 Comfort or plastic grips do not protect against electric shock.



## Dial Type Torque Wrenches

- All dial torque wrenches are “State-of-the-Art” torque wrenches. Exclusive torsion beam design provides long life and accuracy.
- Exclusive bi-polar dual scales, English and Metric, permits accurate reading of both scales, with follower needle.
- Equally accurate in both left and right hand direction.
- Torsion drive design.
- Large easy-to-read dial.
- User assured of long life and reliability.
- Accurate,  $\pm 3\%$  both ways at 20-100% of full scale.
- Meets and/or exceeds requirements of GGG-W-686 and/or ANSI B107.14M.
- Calibration traceable to National Institute of Standards and Technology (NIST).
- All wrenches shipped in plastic storage box or metal case (except 2,000 ft. lbs.), which will be shipped in a cardboard carton.
- Follower Needle.
- All wrenches include a “Certificate of Calibration.”



3472



6470

Part No.	Drive	Torque Range English	Grads. English	Torque Range Metric	Grads. Metric	Length	No. of Ext. Handles	Wt. Lbs.
<b>Inch Pounds</b>								
2470	1/4"	0-30 in. lbs.	.5 in. lbs.	0-3.5 Nm	.1 Nm	10"	—	1
2471	1/4"	0-75 in. lbs.	1 in. lbs.	0-9 Nm	.2 Nm	10"	—	1
3470	3/8"	0-150 in. lbs.	2 in. lbs.	0-18 Nm	.5 Nm	10"	—	1
3471	3/8"	0-250 in. lbs.	5 in. lbs.	0-30 Nm	.5 Nm	10"	—	1
3472	3/8"	0-600 in. lbs.	10 in. lbs.	0-70 Nm	2 Nm	14-7/8"	—	1-3/4
<b>Foot Pounds</b>								
3473	3/8"	0-50 ft. lbs.	1 ft. lbs.	0-70 Nm	2 Nm	14-7/8"	—	1-3/4
+ 4470	1/2"	0-175 ft. lbs.	5 ft. lbs.	0-240 Nm	5 Nm	21-1/2"	—	2-3/4
+ 4471	1/2"	0-250 ft. lbs.	5 ft. lbs.	0-350 Nm	10 Nm	21-1/2"	—	2-3/4
6471	3/4"	0-350 ft. lbs.	10 ft. lbs.	0-480 Nm	10 Nm	27-7/8"	—	5-3/4
6470	3/4"	0-600 ft. lbs.	10 ft. lbs.	0-800 Nm	20 Nm	46-1/2"	1	9-1/4
8470	1"	0-1,000 ft. lbs.	20 ft. lbs.	0-1,400 Nm	25 Nm	74"	1	18-1/2

+ New Rubber Handle



## Electric Dial Type Torque Wrenches

- Electric wrenches have an electric light and an audible buzzer. An operator may elect to preset a torque value on the dial face of the torque wrench prior to torquing.
- Electric dial type  $\pm 3\%$  accuracy.
- Battery Included



6472 - 2 Piece Handle  
8471 - 2 Piece Handle



8472



8472

Part No.	Drive	Torque Range English	Grads. English	Torque Range Metric	Grads. Metric	Length	No. of Ext. Handles	Wt. Lbs.
6472	3/4"	0-600 ft. lbs.	10 ft. lbs.	0-800 Nm	20 Nm	46-1/2"	1	9-1/4
8471	1"	0-1,000 ft. lbs.	20 ft. lbs.	0-1,400 Nm	25 Nm	74"	1	18-1/2
8472***	1"	0-2000 ft. lbs.	40 ft. lbs.	0-2,800 Nm	50 Nm	122"	5	44-1/2

\*\*\*"T" Style, 1" Dr. Female Head for use with torque multiplier. Shipped in cardboard carton.  
Note: Must be used as a "T" operated by 2 people.

## Torque Angle Method

The torque wrench has been the standard for tightening bolts and nuts that clamp parts together for many years. Torque is the force used to turn a fastener nut or bolt against friction. Friction occurs between the nut or bolt threads, fastener head and component surface. With the many variations in squareness and stiffness of the mating parts, clamping forces can vary significantly. The torque method also relies heavily on the consistency of the operator.

The Torque Angle Method specifies an initial torque in conjunction with a specific angular measurement. The initial torque mates the components. The fastener is then rotated a specific number of degrees. If cross-threading or high-friction occur, the fastener won't rotate the proper number of degrees. If the fastener strips or there is low friction, it will rotate beyond the specified number of degrees.

The Torque Angle Method takes into consideration the many variables such as flatness, squareness of bolt heads, and surface finish that torque alone doesn't account for. The Torque Angle Method is commonly used in Europe, and specified by Mercedes Benz for over 15 years on all critical fasteners.



**Part No.** 9L28100  
**Description** 1/2" drive



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



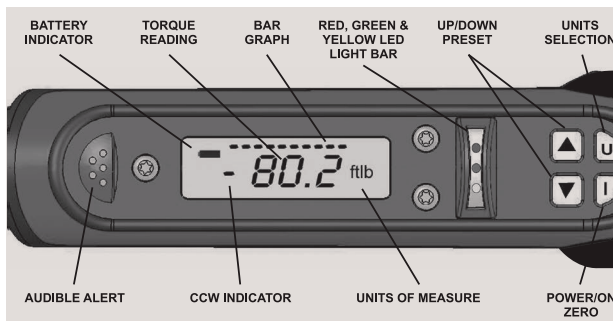
**WARNING**  
Comfort or plastic grips do not protect against electric shock.

## Electronic Torque Wrenches

### FEATURES

The E-Wrench digitally displays fastener torque specification settings, torque readings and peak hold measurements.

- **Display** – The wrench features a custom LCD with keypad selectable torque units conversion readout in ft. lbs., in. lbs., kgcm and Nm. 10 Bar-graph for Preset value.
- **Setting** – Torque specification for fastener. The set value is adjustable between 10% and 100% of full scale by pushing the up or down keys. The scrolling display adjustment rolls-over at both ends for convenient and quick setting.
- **Tracking** – While wrenching, the display switches to read the actual torque applied with a 0.2 second update rate.
- **Audible and LED's** – When the applied torque equals the set torque value the wrench outputs a 1/2 second audible tone and the Green LED's and Red LED's lit until torque is released. Yellow LED's will light at -10% of Preset-torque.



### OPERATOR INSTRUCTION

**Unscrew endcap on back of handle and install two “CR123” 3 Volts Lithium cells, positive end into the handle first.** (refer to page ?)

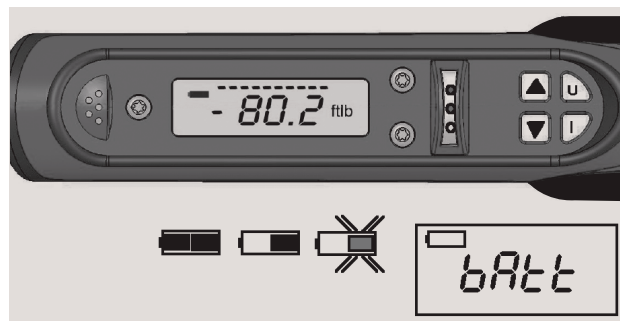
1. Push “ON/ZERO” key – the wrench will self-test and display the last fastener torque spec. setting.
2. Push “UNITS” key – to select “Nm,” “ft lb,” “in lb.” or “kgcm”
3. Push and hold “Δ” (UP) or “∇” (DOWN) keys to set the fastener torque spec. (Display will roll-over at each end).
4. Apply torque slowly, grasping the center of the handle. *DO NOT APPLY LOAD TO THE END OF THE HANDLE.* The display will **TRACK** the applied torque. Stop and release torque when the **audible alert** is heard and the **Green and Red LED's lit, Yellow LED's will lit at 90% of Preset.**
5. On release, note the **PEAK** (highest) torque applied\* it will be displayed, flashing for 10 seconds or until torque is re-applied.

\* The **PEAK** torque reading will tell you if excess torque has been applied. This feature can be used to improve your wrenching technique for best accuracy. E-Wrench will automatically shut off after two minutes sitting idle to conserve battery power. The ON/ ZERO key can be held down for 5 seconds to turn the wrench off.



- **Peak Hold** – When torque is released the display holds and flashes the peak torque reading for 10 seconds or until torque is re-applied.
- **Overload** – If the wrench is used beyond 100% full scale the audible tone will pulse rapidly to warn the operator to stop. At 125% of full scale the display will lock up and read “- - -”.
- **Zero** – Automatic self-check and re-zero at power-on and any time the ON/ZERO key is pushed. (This is not a calibration check).
- **Setup Memory** – At power-on the wrench returns to the last unit and torque setting.
- **Battery** – The Wright Tool wrench uses three standard replaceable “CR123” Lithium cells for better than 80 hours continuous operation. A display indicator shows battery condition. A flashing “bAtt” display means the wrench is no longer accurate and the battery must be replaced.
- **Auto Power Off** - Automatic shut-off after sitting idle for 2 minutes.

US and Foreign Patents Pending



### CALIBRATION

**Contact CDI Torque Products for calibration services.**  
19220 San Jose Ave, CA 91748. Phone: (626) 965-0668.

### IMPORTANT!

Calibration by the user is recorded in the wrench memory and voids factory certification.

**Equipment Required:** Precision test bars and certified calibration weights, or another torque source, accurate to 1/2% of reading.

**Maintenance/Service:** Clean torque wrench by wiping with a damp cloth. Do NOT use solvents, thinners or engine cleaners. Do NOT immerse in anything. Service, repair and calibration are to be done by CDI Torque Products Service Centers only.

**Certification:** This torque wrench, as calibrated at the factory, is certified to meet the accuracy specified in International Standard ISO 6789 and was calibrated on a torque standard traceable to the National Institute of Standards Technology (N.I.S.T.).

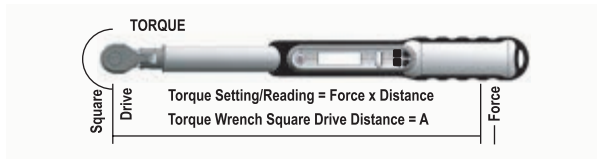
NOTE: If the display shows “Err0” at power on, the wrench is damaged and must be returned for repair.

**Battery Replacement:** Replace with two “CR123” Lithium cells only. (Available anywhere)

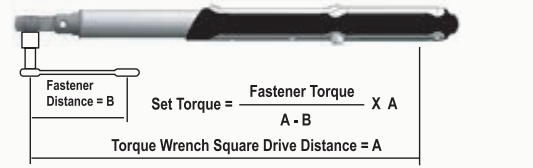


## USE OF ADAPTORS, EXTENSIONS AND UNIVERSALS

Anytime an adaptor, extension or universal is used with a torque wrench in such a way that the fastener distance is different than the torque wrench square drive distance, an adjustment to the set torque is required to get proper fastener torque.



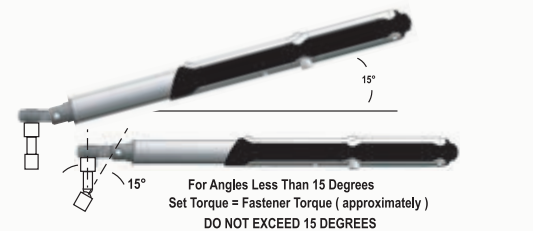
Fastener torque equals torque wrench square drive torque. Wrench setting is equal to desired fastener torque.



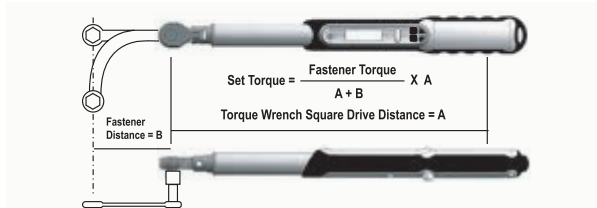
Fastener torque is less than torque wrench square drive torque. Calculated setting will be higher than desired fastener torque.



Fastener torque equals torque wrench square drive torque. Wrench setting is equal to desired fastener torque.



When using wobble extension or a universal, do not exceed more than 15 degrees of offset from perpendicular drive. Do not use a long extension with the flex-drive at full flex.



Fastener torque is greater than torque wrench square drive torque. Calculated setting will be lower than desired fastener torque.

## SPECIFICATIONS

**Display** – 4-digit LCD, Low Battery Indicator.

**Setting** – display with no torque applied

**Tracking** – real time with torque applied

**Peak** – 10 sec. flashing at torque release

**Display Capacity** – 8,000 Counts CW/CCW torque from 10% to 125% of full scale.

Accuracy	CW	CCW
(72 °F)	+/-2%	+/-3% of reading, 20% to 100% of full scale
	+/-4%	+/-6% of reading, 10% to 19% of full scale

**Torque Setting Resolution** – 1.0 ft. lb., 1.0 Nm, 1 in. lbs.

**Sealed Key Pad**

**ON/ZERO** power on - auto self check - zero

**UP (+)** increments torque setting

**DOWN (-)** decrements torque setting

**UNITS** selects Nm, ft. lbs., in. lbs., or kg-cm, display

**Operating Temperature** – 40 to 110°F (5 to 42°C)

**Storage Temperature** – -1 to 122°F (-20 to 50°C)

**Humidity** – up to 90% non-condensing

**Dimensions:**

Part	Length	Weight	Drive
2473	15-3/8"	1.50	1/4"
3474	18"	2.00	3/8"
4474	26-3/8"	3.35	1/2"

**Battery** – two “CR123” Lithium cells, over 80 hours continuous operation.

**Auto Shut-off** – after 2 minutes idle with no torque applied.



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.

## Electronic Torque Wrenches – Computorq II

### Features

- Largest Storage Capacity Available – Up to 4000 torque values can be stored in memory. An audible tone signals when memory is full.
- Downloading Capacity – Computorq II is equipped to download individual torque values or store values in memory which can be directly downloaded to a printer/computer/data logger via RS232.
- Easy Set-Up – Target torque values (high and low percentages, +/- tolerances and torque engineering units) are easily programmed through the keypad and shown on the LCD.
- Baud Rate – The Baud rate for downloading to a printer/computer/data logger is selectable. The factory set rate is 1200. Options are 300, 600, 1200, 2400, 4800 or 9600.
- Audio Signal – An audio signal is emitted when the minimum acceptable preset torque value is reached or the upper torque limit is exceeded.
- Visual Indicators – Bright green and red LEDs are standard indicators of high and low preset torque limits.
- Overload-Protection – The red LED flashes, the audio buzzer sounds and “OVER” is displayed on the LED when the torque range of the wrench is exceeded.
- Engineering Units – All seven basic engineering torque units are available on most Computorq II models (ft. lbs., in. lbs., in. oz., Nm, dNM, Mkg. or kgcm) and are easily selected through the keypad.
- Displayed Torque Measurements – Torque measurements captured on the display remain until they are erased, sent to the wrench's memory, or downloaded to an external device.
- Recall of Torque Measurements – Up to 999 torque measurements can be reviewed by the operator, in sequence of operation, by pressing the recall button.
- Bar Graph – A bar graph is displayed on the LCD showing the relative position of applied torque to the preset torque range.



Part No.	Drive	Range	Increments	Length Inches	Wt. Lbs.
6473	3/4"	60-600 ft. lbs.	.1 ft. lbs.	46.5"	9.5
		81-813 Nm	.1 Nm		
		8.3-83 mkg	.01 mkg		
8473	1"	100-1,000 ft. lbs.	.1 ft. lbs.	74.0"	19.0
		135-1355 Nm	.1 Nm		
		14-138 mkg	.1 mkg		

Data cord is extra. Part No. P113-50.



## Torque Screwdrivers – Blue Metallic Finish

- 3 models available.
- Positive-locking pull-down adjustment knob.
- Trilobular comfort grip.
- Universal 1/4" hex bit holder with strong Rare Earth magnet.
- Cam-over torque-limiting clutch.
- Easy-to-read widow scale.
- Lightweight, ease-of-use.
- Automatic lock in counterclockwise direction.
- Accuracy  $\pm$  6% clockwise direction only, from 20 in. ozs., 100% of full scale.
- Individually serialized with matching certificate of calibration traceable to N.I.S.



Part No.	Square Drive Size	Torque Range in. oz./lbs.	Increments	Shipping Weight
2462	1/4" Female Hex	20-100 in. oz.	1 in. oz.	1 lb.
2463	1/4" Female Hex	3-15 in. lbs.	.2 in. lbs.	1 lb.
2464	1/4" Female Hex	5-40 in. lbs.	.5 in. lbs.	1 lb.

Note: See page 112 for replacement hex bits and part numbers.

## Wright Tool Torque Wrench Warranty

All Wright Tool torque wrenches are warranted against defects in materials or workmanship for a period of one year from the date of purchase. One of our authorized repair facilities, at their discretion, will repair or replace any defective Wright torque wrench returned to their place of business, postage or freight prepaid. All torque wrenches must be accompanied with a dated copy of the sales receipt or purchase order.

The foregoing obligation is Wright Tool's sole liability and the purchaser's sole remedy under this warranty. There are no other warranties expressed or implied, including those of market ability or fitness for purpose. Under no circumstances shall Wright Tool be liable for any special, incidental or consequential damages.

This warranty does not apply if the torque wrench has been altered, damaged, abused or improperly maintained. This warranty gives you specific legal rights and you may have other rights which vary from state to state.

### NOTE:

Please contact Wright Tool Customer Service at 1-800-321-2902 or FAX 1-800-543-2095 for shipping instructions on the return of all torque wrenches for warranty, repairs or other services.

All warranty considerations will be returned to the customer freight prepaid. All non-warranty repairs or calibrations will be returned to the customer with all applicable charges and freight collect.



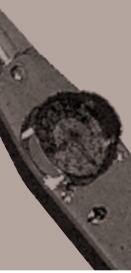
**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.



## Why use a torque multiplier?

A torque multiplier is used to reduce the effort needed to tighten or loosen a fastener. By using a torque multiplier, thousands of foot pounds of torque can be accurately applied with a standard 250 foot pound torque wrench.

Wright Tool offers a complete line torque multipliers. These tools offer a simple, inexpensive solution to common bolting challenges. Our multipliers ranging in output torque from 750 ft. lbs. to 8,000 ft. lbs. typically require a maximum input torque of only 200 ft. lbs. or less. All of our tools can be operated with any standard torque wrench and will “multiply” the torque to achieve significantly higher torque outputs. We offer both reaction bar multipliers, which will typically react against a flange, as well as reaction plate multipliers designed to react against an adjacent bolt. Other features of these tools include:

**Safe, Light** – Our unique one-piece construction requires use of just one tool. A single tool is easier to handle and safer to operate vs. stacking a number of multipliers. Single piece construction also makes the package smaller and lighter.

**Accurate** – Use of needle roller bearings produces more efficient and repeatable output torque (all except 9S290P, 9S291 and 9S292). All models except the 9S292 have a torque accuracy of +/-5%.

**Fast** – Our input torque holding ratchet assists in holding our multiplier in place while applying torque to fastener, making fastening safer and faster. This feature is standard on all models except 9S290P, 9S291, 9S292 and 9S391.

**Easy To Use** – Our low input torque requirement makes our tools easy to use. Most tools require less than 200 ft. lbs. input to obtain the multipliers maximum output torque.

**Service & Support** – Excellent application assistance and product support is always available.

**Simple** – A torque conversion chart is attached directly on top of each tool to show the operator the torque input required for a given torque output.

**Precise** – An angle of turn protractor included on our 9S391, 9S392 and 9S393 models allows the user to use torque/angle of turn method to tighten fasteners more accurately.

## Torque Multipliers

### Features of the 9S290P, 9S291, 9S391 & 9S292

- Compact
- Low cost
- Light weight
- Rugged construction

**Example:** 9S391 Ratio is 13.6 For every 1 ft. lb. input, the output is 13.6 ft. lbs. If the customer needs 1,400 ft. lbs. of torque:  $1,400/13.6=103$  ft. lbs. of input torque. So the torque wrench needs to be set for 103 ft. lbs. When 103 is achieved multiplier will be sending out 1,400 ft. lbs. to the socket. There is a sticker on the handle of the multiplier to give the user the correct settings in ft. lbs. and Nm (Newton meters). It has the input and output ranges.



9S290P



9S291



9S391

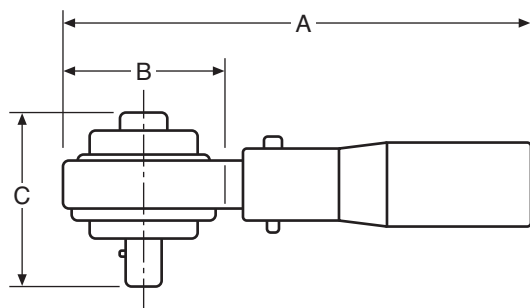


9S292





9S392B, 9S393A


**Features of the 9S392B & 9S393A**

- Low input torque
- Needle Bearings for high efficiency
- Input torque holding ratchet – holds multiplier in place during torquing.
- ±5% accuracy – closer accuracy and torque certificates available.
- 1/2" square female input
- Shearable output squares – drive shear at 3-10% overload to protect tool. A replacement drive included, is easily installed.
- Angle or turn protractor



Part No.	Description	Input Drive	Input Capacity	Output Drive	Output Capacity	Torque Ratio	A Length	B Head Dia.	C Height	Wt. Lbs.
9S290P*	Torque Multiplier (in red plastic box w/handle)	1/2" Sq. Female	227 ft. lbs.	3/4" Sq. Male	750 ft. lbs.	3.0:1	8-3/4"	2-13/16"	3-1/4"	4-7/8
9S291	Torque Multiplier	1/2" Sq. Female	303 ft. lbs.	3/4" Sq. Male	1,000 ft. lbs.	3.3:1	17-1/8"	2-13/16"	3-5/16"	5-7/8
9S391	Torque Multiplier	1/2" Sq. Female	200 ft. lbs.	3/4" Sq. Male	1,200 ft. lbs.	6:1	19-1/2"	4"	4"	13
9S292	Torque Multiplier	3/4" Sq. Female	571 ft. lbs.	1" Sq. Male	2,000 ft. lbs.	3.75:1	19-1/2"	4-1/2"	3-13/16"	13-7/8
9S392B**	Torque Multiplier (in red plastic box w/handle)	1/2" Sq. Female	162 ft. lbs.	1" Sq. Male	2,200 ft. lbs.	13.6:1	19-5/8"	4-1/16"	6-1/2"	20-5/8
9S393A**	Torque Multiplier (in red plastic box w/handle)	1/2" Sq. Female	173 ft. lbs.	1" Sq. Male	3,200 ft. lbs.	18.5:1	19-5/8"	4-1/16"	6-1/2"	22-3/8

\*New heavy duty compact design

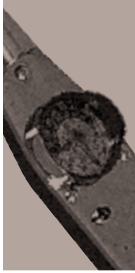
\*\*Anti-backlash


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### Replacement Output Squares for Torque Multipliers

Part No.	Description
9S391RS	Replacement Square for Multiplier 9S391
9S392RS	1" Replacement Square for Multiplier 9S392B & 9S492
9S393RS	1" Replacement Square for Multiplier 9S393A
9S394RS	1-1/2" Replacement Square for Multiplier 9S394
9S395RS	1-1/2" Replacement Square for Multiplier 9S395

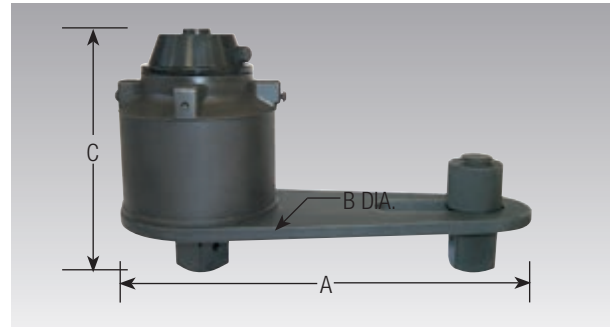
Square shears at 3% - 10% overload to protect tool  
 Guarantee does not apply



### Torque Multipliers – Plate Reaction Style



9S492



9S394

Part No.	Input	Output Capacity ft. lbs. (Nm)	Output Capacity ft. lbs. (Nm)	Gear Ratio	Torque Ratio	Output Square Size (in)	Overall Dim. inches (mm)	Net Weight lbs (kg).
9S492	1/2" Sq.	2,200 (2,983)	162 (220)	15:1	13.6:1	1	A=14.0 (356) B=4.88 (124) C=5.50 (140)	17.2 (7.8)
9S394	1/2" Sq.	5,000 (6,779)	189 (256)	29.25:1	26.5:1	1-1/2	A=14.9 (378) B=4.88 (124) C=5.50 (140)	34.0 (15.4)
9S395	1/2" Sq.	8,000 (10,846)	154 (209)	60:1	52.0:1	1-1/2	A=15.2 (387) B=4.88 (124) C=5.50 (140)	50.3 (22.8)

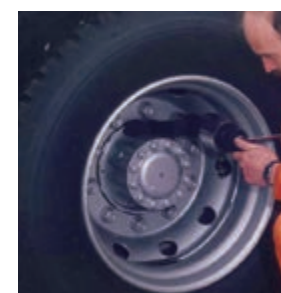
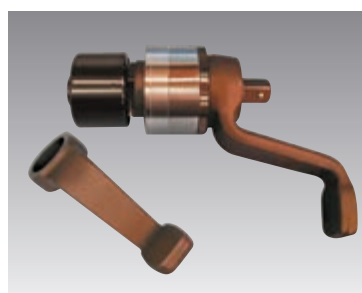




### Air Motor for Torque Multipliers

Part No.	Drive Size	Description
9S3900A	1/2" Square	Air Motor for Torque Multiplier

Not for use on: 9S290P, 9S291, 9S391 and 9S292  
 Output Drive: 1/2" Sq.  
 Maximum output torque: 200 ft. lbs.  
 Maximum running air pressure: 60 PSI  
 Free speed (reversible): 70 RPM  
 Overall length: 16.25 in.



### Reaction Foot Torque Multipliers

Part No.	Output Capacity ft. lbs. [Nm] Continuous/ Peak	Torque Ratio	Input Square Size	Output Square Size	Accuracy	Overload Protection	Anti-Backlash	Head Dia. in. (mm)	Height in. (mm) <sup>3</sup>	Wt. lbs. (kg) <sup>2</sup>
9STM12*	735 (1,000)/ 885 (1,200)	3.4:1	1/2"	3/4"	±5%	Yes	No	3.4 (86)	7.3 (186)	7.5 (3.4)

1. Powerlock is standard on all tools unless denoted by\*
2. If overload protection is specified increase weight by 2.21 lbs. (1 kg)
3. If overload protection is specified increase height by 1.2" (30mm)
4. All tools come with carrying case

Specifications subject to change without notice.



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# SCREWDRIVERS & NUT DRIVERS



Wright screwdrivers can be ordered individually or in sets. Styles include Phillips, cabinet tip, round shank and square shank (all with or without cushion grips). We also offer handy 4-in-1 screwdrivers, as well as hollow-shaft nut drivers in standard and metric styles.



## W A R N I N G !

### SCREWDRIVERS AND NUT DRIVERS

- Users and bystanders must wear safety goggles.
- To avoid possible eye injury from flying objects, safety goggles or equivalent protection conforming to ANSI Z87.1 shall be worn and kept clean by the user and all persons in the immediate area where any tool is being used.
- Never use a screwdriver or nut driver for prying, punching, chiseling, scoring or scraping.
- Never hammer on screwdrivers or nut drivers and never use a screwdriver or a nutdriver as a hammer.

## SCREWDRIVERS & NUT DRIVERS SAFETY

- Comfort or plastic grips on handles are not intended to give any degree of protection against electric shock and screwdrivers and nut drivers shall not be used on or near live electric circuits.
- Users shall apply a controlled force with a stance adjusted and braced to prevent rapid bodily movement or a fall if sudden release occurs. Minimize pressure. Screws are driven by torque (turning power), not pressure.
- Match the type of screwdriver to the head of the screw and select the appropriate size screwdriver to do the job.
- Never sharpen or alter a screwdriver to change the fit.
- Use the correct size nutdriver to fit the fastener. Do not use inch nut drivers on metric fasteners or metric nut drivers on inch fasteners because the fit is not good enough.
- Never use cheater bars to increase handle leverage.
- Never expose any screwdriver or nut driver to excessive heat, which may change the hardness or microstructure and ruin the tool.
- Never use pliers on the handle of a screwdriver or nutdriver to get extra turning power. A wrench can be used on the square shank or bolster of screwdrivers designed for that purpose.
- Keep handles clean for a secure grip.
- Inspect and discard bent, worn, cracked, or damaged screwdrivers or nut drivers. Do not grind or attempt to repair screwdrivers.

**ASME B107.600** – Screwdrivers

**ASME B107.110** – Nutdrivers



### 5 Pieces – Screwdriver Set Set No. 9475

Part No.	Description	Tip Size	Blade Length
9105	Phillips Screwdriver	#2	4"
9116	Cabinet Tip Screwdriver	3/16"	6"
9124	Round Shank Screwdriver	1/4"	6"
9125	Round Shank Screwdriver	5/16"	6"
9134	Square Shank Screwdriver	5/16"	6"
A711-Pouch	Pouch		



### 10 Pieces – Screwdriver Set Set No. 9476

Part No.	Description	Tip Size	Blade Length
9101	Phillips Screwdriver	#2	1-1/2"
9104	Phillips Screwdriver	#1	3"
9105	Phillips Screwdriver	#2	4"
9106	Phillips Screwdriver	#3	6"
9115	Cabinet Tip Screwdriver	3/16"	4"
9116	Cabinet Tip Screwdriver	3/16"	6"
9122	Round Shank Screwdriver	1/4"	1-1/2"
9123	Round Shank Screwdriver	1/4"	4"
9124	Round Shank Screwdriver	1/4"	6"
9135	Square Shank Std. Tip	3/8"	8"
A714-Pouch	Pouch		



### 6 Pieces – Screwdriver Set Set No. 9477

Part No.	Description	Tip Size	Blade Length
9105	Phillips Screwdriver	#2	4"
9116	Cabinet Tip Screwdriver	3/16"	6"
9122	Round Shank Screwdriver	1/4"	1-1/2"
9123	Round Shank Screwdriver	1/4"	4"
9124	Round Shank Screwdriver	1/4"	6"
9125	Round Shank Screwdriver	5/16"	6"
A711-Pouch	Pouch		



### 6 Pieces – Screwdriver Set Set No. 9462

Part No.	Description	Tip Size	Blade Length
9101	Phillips Screwdriver	#2	1-1/2"
9103	Phillips Screwdriver	#0	3"
9104	Phillips Screwdriver	#1	3"
9105	Phillips Screwdriver	#2	4"
9106	Phillips Screwdriver	#3	6"
9109	Phillips Screwdriver	#4	8"
A711-Pouch	Pouch		



### 8 Pieces – Screwdriver Set Set No. 9463

Part No.	Description	Tip Size	Blade Length
9104	Phillips Screwdriver	#1	3"
9105	Phillips Screwdriver	#2	4"
9106	Phillips Screwdriver	#3	6"
9114	Cabinet Tip Screwdriver	3/16"	3"
9115	Cabinet Tip Screwdriver	3/16"	4"
9116	Cabinet Tip Screwdriver	3/16"	6"
9123	Round Shank Screwdriver	1/4"	4"
9125	Round Shank Screwdriver	5/16"	6"
A711-Pouch	Pouch		



### 6 Pieces – Screwdriver Set Set No. 9464

Part No.	Description	Tip Size	Blade Length
9115	Cabinet Tip Screwdriver	3/16"	4"
9122	Round Shank Screwdriver	1/4"	1-1/2"
9123	Round Shank Screwdriver	1/4"	4"
9125	Round Shank Screwdriver	5/16"	6"
9126	Round Shank Screwdriver	3/8"	8"
9127	Round Shank Screwdriver	3/8"	10"
A714-Pouch	Pouch		



**WARNING**  
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**WARNING**  
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9105

### Phillips Screwdrivers

#### Large Ergonomic 3-Flute Handle

Part No.	Tip Size	Overall Length	Blade Length	Handle Length
9101	#2	3-7/16"	1-1/2"	1-15/16"
9103	#0	6"	3"	3"
9104	#1	7"	3"	4"
9105	#2	8-1/4"	4"	4-1/4"
9106	#3	10-7/8"	6"	4-7/8"
9107	#1	12"	8"	4"
9108	#2	12-1/4"	8"	4-1/4"
9109	#4	13-1/2"	8"	5"



9125

### Round Shank Screwdrivers

#### Large Ergonomic 3-Flute Handle

Part No.	Tip Size	Overall Length	Blade Length	Handle Length
9122	1/4"	3-7/16"	1-1/2"	1-5/16"
9123	1/4"	8-1/4"	4"	3"
9124	1/4"	10-1/4"	6"	4-1/4"
9125	5/16"	10-7/8"	6"	4-7/8"
9126	3/8"	13-1/2"	8"	5-1/2"
9127	3/8"	15-1/2"	10"	5-1/2"
9128	3/8"	17-1/2"	12"	5-1/2"



9114

### Cabinet Tip Screwdrivers

#### Large Ergonomic 3-Flute Handle

Part No.	Tip Size	Overall Length	Blade Length	Handle Length
9112	1/8"	6"	3"	3"
9113	1/8"	8"	5"	3"
9114	3/16"	7"	3"	4"
9115	3/16"	8"	4"	4"
9116	3/16"	10"	6"	4"
9117	3/16"	12"	8"	4"
9118	1/4"	14-1/4"	10"	4-1/4"



9134

### Square Shank Screwdrivers

#### Large Ergonomic 3-Flute Handle

Part No.	Tip Size	Overall Length	Blade Length	Handle Length
9132	1/4"	8-1/4"	4"	4-1/4"
9133	1/4"	10-1/4"	6"	4-1/4"
9134	5/16"	10-7/8"	6"	4-7/8"
9135	3/8"	13-1/2"	8"	5-1/2"
9136	3/8"	15-1/2"	10"	5-1/2"
9137	3/8"	17-1/2"	12"	5-1/2"



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## Cushion Grip Phillips Screwdrivers

### Large Cushion Grip Handle

Part No.	Tip Size	Overall Length	Blade Length	Handle Length
9141	#2	3-7/16"	Stubby	1-15/16"
9143	#1	7"	3"	4"
9144	#2	8-1/4"	4"	4-1/4"
9145	#3	10-7/8"	6"	4-7/8"
9146	#4	13-1/2"	8"	5-1/2"




9144

## Cushion Grip Round Shank Screwdrivers

### Large Cushion Grip Handle

Part No.	Tip Size	Overall Length	Blade Length	Handle Length
9151	1/4"	3-7/16"	1-1/2"	1-15/16"
9152	1/4"	8-1/4"	4"	4-1/4"
9153	1/4"	10-1/4"	6"	4-1/4"
9154	5/16"	10-7/8"	6"	4-7/8"
9155	3/8"	13-1/2"	8"	5-1/2"
9156	3/8"	15-1/2"	10"	5-1/2"
9157	3/8"	17-1/2"	12"	5-1/2"




9154

## Cushion Grip Cabinet Tip Screwdrivers

### Large Cushion Grip Handle

Part No.	Tip Size	Overall Length	Blade Length	Handle Length
9162	3/16"	7"	3"	4"
9163	3/16"	8"	4"	4"
9164	3/16"	10"	6"	4"
9165	3/16"	12"	8"	4"
9166	1/4"	14-1/4"	10"	4-1/4"




9164

## Cushion Grip Square Shank Screwdrivers

### Large Cushion Grip Handle

Part No.	Tip Size	Overall Length	Blade Length	Handle Length
9172	1/4"	8-1/4"	4"	4-1/4"
9173	1/4"	10-1/4"	6"	4-1/4"
9174	5/16"	10-7/8"	6"	4-7/8"
9175	3/8"	13-1/2"	8"	5-1/2"
9176	3/8"	15-1/2"	10"	5-1/2"
9177	3/8"	17-1/2"	12"	5-1/2"




9116



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9180



9182

## Four-Way Screwdriver

### Large Ergonomic 3-Flute Handle

Part No.	Tip Size	Overall Length	Blade Length	Handle Length
9180*	3/16" x 5/16" #1 P x #2 P	7-1/2"	3-1/2"	4"
9182**	#0, #1, #2, #3	7-1/2"	3-1/2"	4"

NOTE: Standard pack of 12 in cardboard container/display.

\*Flip style has 2 size slotted and 2 size Phillips tips.

\*\*Flip style has 4 Roberts type square recess size.



9181

## 2-in-1 Pocket Screwdriver

Part No.	Tip Size	Overall Length	Blade Length	Handle Length
9181	3/16" x #1 P	4-13/16"	2-5/8"	2-3/16"



9183, 9184, 9185

## Offset Screwdriver

Part No.	Description	Overall Length
9183	1/4"	4-7/16"
9184	5/16"	4-1/2"
9185	3/8"	5-7/8"
9187	#2 x 1/4" slot	4-1/2"



9187



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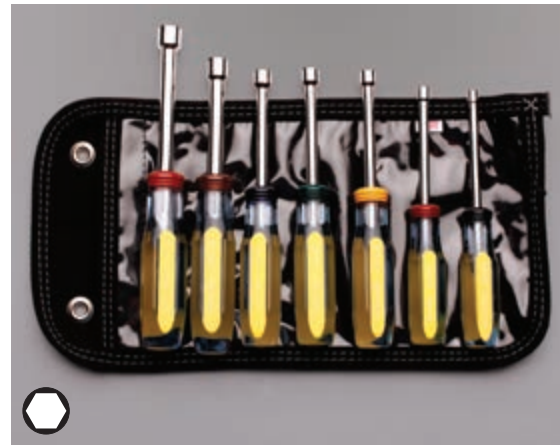
### 7 Pieces – Nut Driver Set Set No. 9210

Part No.	Description	Part No.	Description
9220	3/16"	9224	5/16"
9221	7/32"	9225	11/32"
9222	1/4"	9226	3/8"
9223	9/32"	A724-Pouch	Pouch



### 7 Pieces – Nut Driver Set Set No. 9212

Part No.	Description	Part No.	Description
9220	3/16"	9226	3/8"
9222	1/4"	9227	7/16"
9224	5/16"	9228	1/2"
9225	11/32"	A724-Pouch	Pouch



### 11 Pieces – Nut Driver Set Set No. 9214

Part No.	Description	Part No.	Description
9220	3/16"	9226	3/8"
9221	7/32"	9227	7/16"
9222	1/4"	9228	1/2"
9223	9/32"	9229	9/16"
9224	5/16"	9230	5/8"
9225	11/32"	A711-Pouch	Pouch



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.



## 7 Pieces – Metric Nut Driver Set Set No. 9216

Part No.	Description	Part No.	Description
9238	5mm	9242	8mm
9239	5.5mm	9244	10mm
9240	6mm	A724-Pouch	Pouch
9241	7mm		



## 9 Pieces – Metric Nut Driver Set Set No. 9218

Part No.	Description	Part No.	Description
9236	4mm	9241	7mm
9237	4.5mm	9242	8mm
9238	5mm	9244	10mm
9239	5.5mm	9245	11mm
9240	6mm	A711-Pouch	Pouch



## Nut Drivers

Part No.	Description	Part No.	Description
9220	3/16"	9226	3/8"
9221	7/32"	9227	7/16"
9222	1/4"	9228	1/2"
9223	9/32"	9229	9/16"
9224	5/16"	9230	5/8"
9225	11/32"		



9222, 9229

## Metric Nut Drivers

Part No.	Description	Part No.	Description
9236	4mm	9241	7mm
9237	4.5mm	9242	8mm
9238	5mm	9244	10mm
9239	5.5mm	9245	11mm
9240	6mm		



9238, 9244



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
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# HEX KEYS



A wide assortment of hex key sets are available from Wright Tool. Choose from 5-piece sets up to 18-piece sets, some carded, some in pouches. Styles include L-key sets (short arm, long arm, combination and metric), fold-up sets (carded and metric), and T-handle sets (loop and metric, with or without vinyl grips). Hex bit sockets can be found with the 1/4", 3/8", 1/2" and 3/4" drive sockets.



**W A R N I N G !**

## HEX KEYS SAFETY

### HEX KEYS

- Users and bystanders must wear safety goggles.
- To avoid possible eye injury from flying objects, safety goggles or equivalent protection conforming to ANSI Z87.1 shall be worn and kept clean by the user and all persons in the immediate area where any tool is being used.
- Comfort or plastic grips on handles are not intended to give any degree of protection against electric shock and shall not be used on or near live electric circuits.
- Users shall apply a controlled force with a stance adjusted and braced to prevent rapid bodily movement or a fall if sudden release occurs.
- Never hammer on a hex key.
- Never use a pipe or cheater bar on the handle or key end.
- Do not repair hex key wrenches.
- Inspect and discard bent, deformed or cracked hex key tools.

**ASME B18.3.2M** – Hexagon Keys and Bits



**7 Pieces – Fractional L-Key Set,  
Short Arm in Pouch  
Set No. 9E69207**



Part No.	Description
9E69207	Sizes: 5/64", 3/32", 1/8", 5/32", 3/16", 7/32", 1/4"



**11 Pieces – Fractional L-Key Set,  
Short Arm in Pouch  
Set No. 9E69211**



Part No.	Description
9E69211	Sizes: .050", 1/16", 5/64", 3/32", 1/8", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8"



**9 Pieces – Fractional L-Key Set,  
Long Arm in Pouch  
Set No. 9E69209**



Part No.	Description
9E69209	Sizes: 5/64", 3/32", 1/8", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8"



**11 Pieces – Fractional L-Key Set, Long Arm in Pouch**  
Set No. 9E10311



Part No.	Description
9E10311	Sizes: 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8"



**10 Pieces – Metric L-Key Set, Short Arm in Pouch**  
Set No. 9E69210



Part No.	Description
9E69210	Sizes: 1.3mm, 1.5mm, 2mm, 2.5mm, 3mm, 4mm, 5mm, 6mm, 8mm, 10mm



**18 Pieces – Fractional L-Key Set, Short & Long Arm in Pouch**  
Set No. 9E69218



Part No.	Description
9E69218	Short Sizes: .050", 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 7/32" Long Sizes: 1/16", 5/64", 3/32", 7/64", 1/8", 5/32", 3/16", 1/4", 5/16"







**18 Pieces – Fractional L-Key Set, Short Arm in Metal Box**  
Set No. 9E10118

**Eklind**

Part No.	Description
9E10118	Sizes: .028", .035", .050", 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8", 1/2", 9/16", 5/8" and Metal Box



**15 Pieces – Metric L-Key Set, Short Arm in Metal Box**  
Set No. 9E10515

**Eklind**

Part No.	Description
9E10515	Sizes: .7mm, .9mm, 1.3mm, 1.5mm, 2mm, 2.5mm, 3mm, 4mm, 5mm, 6mm, 8mm, 10mm, 12mm, 14mm, 17mm



**13 Pieces – Fractional L-Key Set, Short Arm in Tool Holder**  
Set No. 9E10113

**Eklind**

Part No.	Description
9E10113	Sizes: .050", 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8"



**13 Pieces – Fractional L-Key Set, Long Arm in Tool Holder Set No. 9E10213**



Part No.	Description
9E10213	Sizes: .050", 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8"



**9 Pieces – Metric L-Key Set, Short Arm in Tool Holder Set No. 9E10509**



Part No.	Description
9E10509	Sizes: 1.5mm, 2mm, 2.5mm, 3mm, 4mm, 5mm, 6mm, 8mm, 10mm



**9 Pieces – Metric L-Key Set, Long Arm in Tool Holder Set No. 9E10609**



Part No.	Description
9E10609	Sizes: 1.5mm, 2mm, 2.5mm, 3mm, 4mm, 5mm, 6mm, 8mm, 10mm



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.



**22 Pieces – Fractional & Metric L-Key Set, Long Arm in Tool Holder**  
Set No. 9E10222

**Eklind**

Part No.	Description
9E10222	Fractional Sizes: .050", 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8" Metric Sizes: 1.5mm, 2mm, 2.5mm, 3mm, 4mm, 5mm, 6mm, 8mm, 10mm



**6 Pieces – Metric Metal Fold-Up Set, Carded**  
Set No. 9E21151

**Eklind**

Part No.	Description
9E21151	Sizes: 3mm, 4mm, 5mm, 6mm, 8mm, 10mm



**7 Pieces – Metric Metal Fold-Up Set, Carded**  
Set No. 9E21171

**Eklind**

Part No.	Description
9E21171	Sizes: 1.5mm, 2mm, 2.5mm, 3mm, 4mm, 5mm, 6mm



**5 Pieces – Fractional Metal Fold-Up Set, Carded Set No. 9E20511**

**Eklind**

Part No.	Description
9E20511	Sizes: 3/16", 7/32", 1/4", 5/16", 3/8"



**8 Pieces – Fractional Metal Fold-Up Set, Carded Set No. 9E20811**

**Eklind**

Part No.	Description
9E20811	Sizes: .050", 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32"



**9 Pieces – Fractional Metal Fold-Up Set, Carded Set No. 9E20911**

**Eklind**

Part No.	Description
9E20911	Sizes: 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4"



**WARNING**  
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**WARNING**  
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**7 Pieces – Metric Resin  
Fold-Up Set, Carded  
Set No. 9E25172**

**Eklind®**

Part No.	Description
9E25172	Sizes: 2mm, 2.5mm, 3mm, 4mm, 5mm, 6mm, 8mm



**6 Pieces – Fractional Resin  
Fold-Up Set, Carded  
Set No. 9E25611**

**Eklind®**

Part No.	Description
9E25611	Sizes: 5/32", 3/16", 7/32", 1/4", 5/16", 3/8"



**8 Pieces – Torx® Resin  
Fold-Up Set, Carded  
Set No. 9E25581**

**Eklind®**

Part No.	Description
9E25581	Sizes: T-8, T-10, T-15, T-20, T-25, T-27, T-30, T-40



# Resin Fold-Up & Vinyl Grip T-Handle Sets



## 9 Pieces – Fractional Resin Fold-Up Set, Carded Set No. 9E25911



Part No.	Description
9E25911	Sizes: 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4"



## 9 Pieces – Fractional Resin Fold-Up Set, Carded Set No. 9E25912



Part No.	Description
9E25912	Sizes: .050", 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16"



## 9 Pieces – Fractional Vinyl Grip T-Handle Set, In Pouch Set No. 9E60609



Part No.	Description
9E60609	6" Long Hex Sizes: 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4"



**WARNING**  
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**WARNING**  
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**WARNING**  
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**13 Pieces – Fractional Vinyl Grip T-Handle Set, In Plastic Stand**  
Set No. 9E60614

**Eklind**

Part No.	Description
9E60614	6" Long Hex Sizes: .050", 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8",



**8 Pieces – Metric Vinyl Grip T-Handle, In Pouch**  
Set No. 9E64608

**Eklind**

Part No.	Description
9E64608	6" Long Metric Hex Sizes: 2mm, 2.5mm, 3mm, 4mm, 5mm, 6mm, 8mm, 10mm



**10 Pieces – Metric Vinyl Grip T-Handle Set, in Plastic Stand**  
Set No. 9E64611

**Eklind**

Part No.	Description
9E64611	6" Long Metric Hex Sizes: 1.3mm, 1.5mm, 2mm, 2.5mm, 3mm, 4mm, 5mm, 6mm, 8mm, 10mm



**8 Pieces – Fractional Loop Grip T-Handle Set, In Pouch Set No. 9E33198**



Part No.	Description
9E33198	9" Long Hex Key Sizes: 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4"



**5 Pieces – Metric Loop Grip T-Handle Metric Set, In Pouch Set No. 9E35195**



Part No.	Description
9E35195	9" Long Metric Hex Key Sizes: 2.5mm, 3mm, 4mm, 5mm, 6mm



**13 Pieces – Fractional Ball Driver Hex Set Set No. 9E13213**



Part No.	Description
9E13213	Sizes: .050", 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8"



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
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**WARNING**  
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**9 Pieces – Metric  
Ball Driver Hex Set  
Set No. 9E13609**

**Eklind**

Part No.	Description
9E13609	Metric Sizes: 1.5mm, 2mm, 2.5mm, 3mm, 4mm, 5mm, 6mm, 8mm, 10mm



**11 Pieces – Fractional  
Ball Driver T-Handle Set  
Set No. 9E60811**

**Eklind**

Part No.	Description
9E60811	Sizes: 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8"



**8 Pieces – Metric  
Ball Driver T-Handle Set  
Set No. 9E64808**

**Eklind**

Part No.	Description
9E64808	Metric Sizes: 2mm, 2.5mm, 3mm, 4mm, 5mm, 6mm, 8mm, 10mm

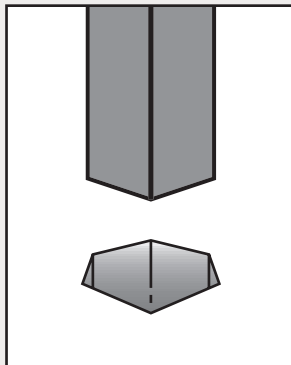


**7 Pieces – Ballstar Torx® Set**  
**Set No. 9E10007**

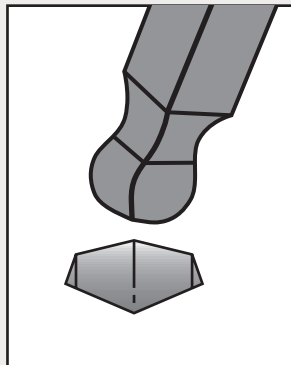
Part No.	Description
9E10007	Sizes: T-10, T-15, T-20, T-25, T-27, T-30, T-40



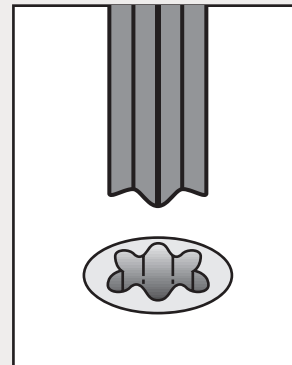
These make up the most complete line of key configurations available.



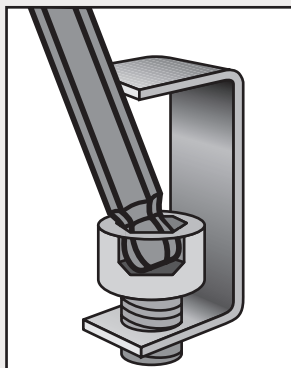
Hex



Ball End

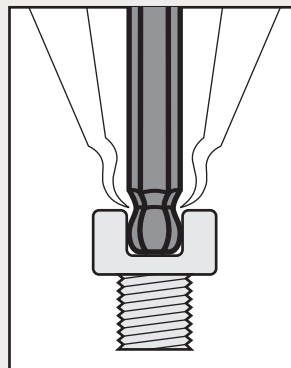


Torx®



Angle Entry to 25°

- Works in hard to reach areas
- Faster insertion and removal



Fast Funnel Entry

- Eliminates wasted time even in blind applications
- Full depth engagement
- Reduces "stripping" problems



**WARNING**  
 Wear safety goggles user and bystander.



**WARNING**  
 Before using tools, read safety information on pages 399-403.



**WARNING**  
 Comfort or plastic grips do not protect against electric shock.



# PLIERS & SNIPS



Wright offers an extensive selection of pliers—from snap ring pliers to Channellock® tongue-and-groove pliers to many other popular styles. We also offer Vice-Grip and Midwest aviation snips, metal cutting snips and offset snips.



## W A R N I N G !

### PLIERS

- Users and bystanders must wear safety goggles.
- To avoid possible eye injury from flying objects, safety goggles or equivalent protection conforming to ANSI Z87.1 shall be worn and kept clean by the user and all persons in the immediate area where any tool is being used.
- Comfort or plastic grips on handles are not intended to give any degree of protection against electric shock and pliers shall not be used on or near live electric circuits.

### SHEARS & SNIPS

- Users and bystanders must wear safety goggles.
- To avoid possible eye injury from flying objects, safety goggles or equivalent protection conforming to ANSI Z87.1 shall be worn and kept clean by the user and all persons in the immediate area where any tool is being used.
- Comfort or plastic grips on handles are not intended to give any degree of protection against electric shock and shall not be used on or near live electric circuits.

## PLIERS & SNIPS SAFETY

- Users shall apply a controlled force with a stance adjusted and braced to prevent rapid bodily movement or a fall if sudden release occurs.
- Choose the right plier for the job.
- Pliers shall not be used for cutting hardened wire unless specifically designed for this purpose.
- When cutting wire, always cut at right angles. Never rock from side to side or bend the wire back and forth against the cutting edges.
- Don't bend stiff wire with light pliers. Select the proper size plier.
- Pliers shall not be used on nuts or bolts. A wrench will do the job better and with less risk of damage to the fastener.
- Oil pliers occasionally at the joint only. Take care to keep the handles clean for a secure grip.
- Never use a plier for prying, punching, chiseling, scoring or scraping.
- Never hammer on pliers and never use a plier as a hammer.
- Never use cheater bars to increase leverage.
- Never expose any plier to excessive heat, which may change the hardness or microstructure and ruin the tool.
- Never use pliers on the handle of a screwdriver or nut driver to get extra turning power.
- Inspect and discard bent, worn, cracked or damaged pliers. Do not grind or attempt to repair pliers.
- Follow the manufacturer's instructions for use, capacity, and proper care of the snip.
- Be careful of the sharp cutting edges on the cutting blades. Keep blades closed when snip is not in use. Use safety latch to keep blades closed on available models.
- Be careful of the sharp edges of the material being cut when snips are used. Always wear gloves when working with snips.
- Never use a snip to cut sheet metal thicker than 1/16" (.062").
- Never use snips to cut heavy wire, cable, nails, rod, as these materials may damage the cutting edge or the shearing action of the snip.
- Use the right size and style of snip for the job. Do not cut tight curves with a straight pattern snip. Use offset models for long cuts through large sheets of material.
- Avoid springing the blades. This is the result of trying to cut material that is too thick.
- Use only hand pressure for cutting. Never hammer, use cheater bars or use feet to try and increase pressure.
- Do not attempt to re-sharpen a snip blade in a sharpening device designed for knives, scissors, or garden tools.

ASME B107.500 – Pliers

ASME B107.510 – Pliers & Shears



## Snap Ring Pliers

### Features

- Patented push-button internal and external design U.S. Patent #'s 4280265 and 447675.
- Each Wright snap ring plier replaces a large number of limited-use competing tools at a fraction of the cost.
- Patented broached jaw holes (6 point or 12 point) for holding replaceable tips.
- Patented ratchet lock on the Model 9H65 Plier.

### Benefits for your Customers

- Quick and easy conversion to and from such use...without disassembly.
- High-quality - cost effective.
- Unprecedented accuracy, stability and control of retaining rings by including positive tip alignment and tip adjustment.
- Automatically keeps internal rings contracted and external rings expanded for easy installation and removal.



9H1221S



9H1234



9H65



9H87

Part No.	Description	Internal	External
9H1221S	Retaining Ring Plier w/Adjustable Stop and Replaceable Tips. Fits Internal and External Type Retaining Rings. Tips Color/Size Included: Black .038; Silver .047; Copper .023	1/4"-1"	1/8"-1"
9H1234	Retaining Ring Plier w/Replaceable Tips. Fits Internal and External Type Retaining Rings. Tips Color/Size Included: Black .038; Silver .047; Copper .070	3/8"-2" 10mm-48mm	1/4"-2" 10mm-48mm
9H65	Retaining Ring Plier w/Ratchet Lock. Fits Internal and External Type Retaining Rings. Tips Color/Size Included: Black .090; Silver .108; Copper .120	1-13/16"-4" 31mm-100mm	1-1/2"-4" 31mm-100mm
9H87	Retaining Ring Tool w/Automatic Lock-In Plastic Case. Fits Internal and External Type Retaining Rings. Tips Color/Size Included: Black .120; Silver .150; Copper .180	3-1/2"-7" 90mm-175mm	3-1/2"-7" 90mm-175mm



## Snap-Ring Plier Replacement Kits

Part No.	Description
9H1221RK	Replacement tip kit for 9H1221S
9H1234RK	Replacement tip kit for 9H1234
9H65RK	Replacement tip kit for 9H65
9H8720	20 Degree Replacement tip kit for 9H87
9H8790	90 Degree Replacement tip kit for 9H87



9H1221RK



9H8720



9H65RK



9H8790



9H1234RK

## 3 Pieces – Snap Ring Plier Set No. 9H1265K

Part No.	Description
9H1221S	Retaining Ring Plier
9H1234	Retaining Ring Plier
9H65	Retaining Ring Plier w/Ratchet Lock

Supplied in plastic box



## Snap Ring Pliers/Fixed Tip

Part No.	Tip Angle	Tip Diameter	Length
9C938	Straight Tip	.038	5.75"
9C938-90	90° Tip	.038	5.50"
9C947	Straight Tip	.047	5.75"
9C947-90	90° Tip	.047	5.50"
9C970	Straight Tip	.070	7.50"
9C970-90	90° Tip	.070	7.00"
9CQT-6	Six Piece Kit		

For internal & external use

Supplied in plastic box



9C938-90, 9C947-90,  
9C970-90



9C938, 9C947, 9C970



9CQT-6



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.



9465



9468

## Safety Wire Twister Pliers

Part No.	Description
9465	8-3/8" Compact Safety Wire Twister Plier, Automatic - Clockwise rotation
9466	10-3/8" Standard Size, Automatic - Clockwise rotation
9467	10-3/8" Standard Size Manual return - deep reach Clockwise rotation
9468	Safety Wiring Kit - 8 Pieces - Professional Kit consisting of 9465 and 9466 - deep reach 19" adjustable twister tool - three 1/4 lb. spools of annealed stainless steel safety wire sizes .020-.032-.041 - meets Government Spec. QQW-423 Military Spec. MS 20995.



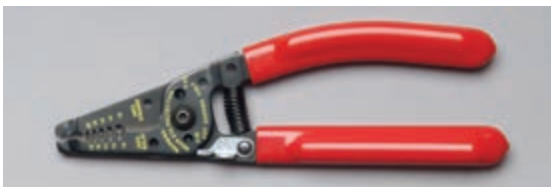
9470



9471



9472

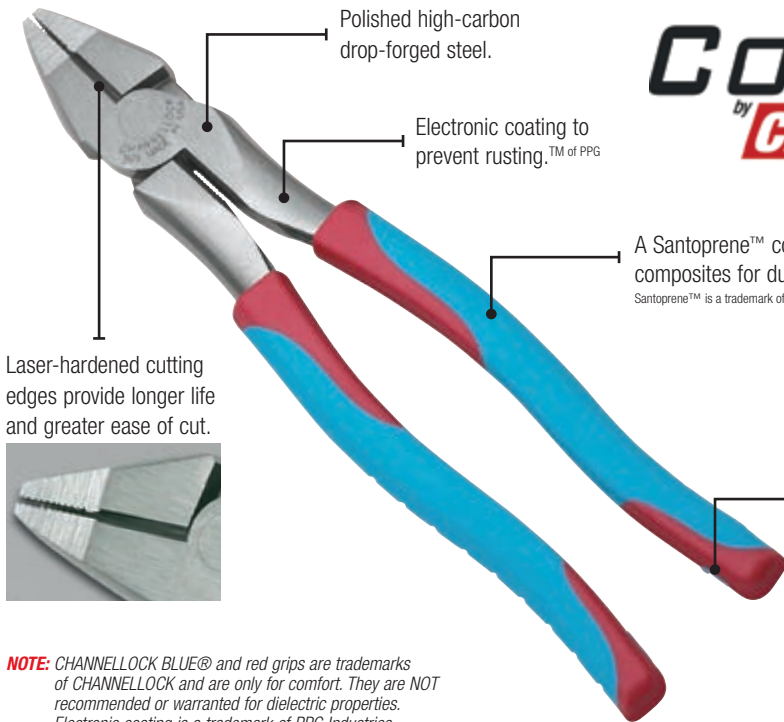


9473

## Stripper/Cutter Pliers

Part No.	Description
9470	Stripper/Cutter 10-20 AWG Metric sizes .8, 1.0, 1.3, 1.6, 2.6mm, with Locking Clip
9471	Stripper/Crimper/Cutter 10-20 AWG
9472	Crimper/Stripper/Cutter 16-26 AWG
9473	Stripper/Cutter 10-20 AWG Ergonomic Handle with Locking Clip





New Code Blue™ designation on each of the pliers makes it easier than ever to choose the right tool for the job.

- L - Linemen's
- T - Tongue and Groove
- C - Cable Cutter
- N - Needle-Nose/Nipper
- D - Diagonal Cutter
- M - Multi-Purpose Plier

**NOTE:** CHANNELLOCK BLUE® and red grips are trademarks of CHANNELLOCK and are only for comfort. They are NOT recommended or warranted for dielectric properties. Electronic coating is a trademark of PPG Industries.

### Tongue & Groove Plier



Part No.	Description	Size
9C430CB	Tongue & Groove Plier, 10" 7 Adjustments, 2" Capacity	10"



9C430CB

### Tongue & Groove Plier



Part No.	Description	Size
9C420CB	Tongue & Groove Plier, 9-1/2" 5 Adjustments, 1-1/2" Capacity	9-1/2"



9C420CB

### Linemen's Plier



Part No.	Description	Size
9C369CB	Linemen's Plier, 9" High Leverage/Rounded Nose	9"



9C369CB



**WARNING**  
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**WARNING**  
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**WARNING**  
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9C338CB

**Cutting Plier**


Part No.	Description	Size
9C338CB	Cutting Plier, 8" Lap Joint	8"



9C358CB

**Cutting Plier**


Part No.	Description	Size
9C35CB	Cutting Plier, 8" End Cutter	8"



9C911CB

**Cable Cutter**


Part No.	Description	Size
9C911CB	Cable Cutter, 9-1/2" Cable Cutter	9-1/2"



9C318CB

**Long Nose Plier**


Part No.	Description	Size
9C318CB	Long Nose Plier, 8-1/2" with Side Cutter	8-1/2"



9C909CB

**Crimping Tool**


Part No.	Description	Size
9C909CB	Crimping Tool, 9-1/2" Crimping & Cutting Tool	9-1/2"



## Tongue & Groove Pliers



Part No.	Description
9C410	9-1/2" Pipe Jaw (Channellock #410), Adjustments 4, Capacity 1-1/8" - 28.5mm
9C414	14" (Channellock #414), Adjustments 6, Capacity 2" - 51mm
9C420	9-1/2" (Channellock #420), Adjustments 5, Capacity 1-1/2" - 38mm
9C421	9-1/2" (Channellock #421), Adjustments 5, Capacity 1-1/2" - 38mm, SAFE-T-STOP® prevents finger pinch
9C422	9-1/2" Curved Jaw (Channellock #422), Adjustments 5, Capacity 1-1/2" - 38mm
9C424	4-1/2" (Channellock #434), Adjustments 3, Capacity 1/2" - 12.5mm
9C426	6-1/2" (Channellock #426), Adjustments 5, Capacity 7/8" - 22mm
9C428	8" (Channellock #428), Adjustments 4, Capacity 1-1/2" - 38mm, SAFE-T-STOP® prevents finger pinch
9C430	10" (Channellock #430), Adjustments 7, Capacity 2" - 51mm
9C440	12" (Channellock #440), Adjustments 7, Capacity 2-1/4" - 57mm
9C442	12" Curved Jaw (Channellock #442), Adjustments 7, Capacity 2-1/4" - 57mm
9C460	16" (Channellock #460), Adjustments 8, Capacity 4-1/4" - 108mm
9C480	20" (Channellock #480), Adjustments 12, Capacity 5-1/2" - 140mm
9CGL6	6" Griplock (Channellock #GL6), Adjustments 5, Capacity 1-1/16" - 27mm
9CGL10	10" Griplock (Channellock #GL10), Adjustments 5, Capacity 1-1/4" - 32mm
9CGL12	12" Griplock (Channellock #GL12), Adjustments 6, Capacity 2-1/4" - 57mm



9C410, 9C414



9C420, 9C421, 9C424, 9C426, 9C428, 9C430, 9C440, 9C460, 9C480



9C422, 9C442



9CGL6, 9CGL10, 9CGL12

## Oil Filter/PVC Pipe Plier



Part No.	Description
9C212	Oil Filter/PVC Plier – 12" Adjustments: 5 Capacity: 2-3/4"-4-1/4"
9C215	Oil Filter/PVC Plier – 15" Adjustments: 6 Capacity: 2-1/2"-5-1/2"



9C212, 9C215



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.



9C386



9C718



9C317, 9C318, 9C326

## Long Nose Pliers

**CHAN NEL LOCK**

Part No.	Description
9C317	Long Nose Plier w/Side Cutter - 7-1/2" (Channellock #317)
9C318	Long Nose Plier w/Side Cutter - 8" (Channellock #318)
9C386	Curved Long Nose Plier w/Serrated Jaws - 6" (Channellock #386), Length 5-1/2" - 140mm Without Side Cutter
9C326	Long Nose Plier w/Side Cutter - 6" (Channellock #326)
9C718	Long Reach Flat Nose Duck Bill (Channellock #718)



9C347, 9C348



9C350S



9C349, 9C369

## Lineman's Pliers

**CHAN NEL LOCK**

Part No.	Description
9C347	Round Nose Lineman's & Elec. Plier (Round Nose) - 7" (Channellock #347)
9C348	Round Nose Lineman's & Elec. Plier (Round Nose) - 8" (Channellock - #348)
9C350S	Ironworkers Plier - 9" (Channellock #350)
9C349	Lineman's Plier, Wiremaster, 9" (Channellock #349)
9C369	Lineman's Plier, High Leverage, 9" (Channellock #369)



**Slip Joint Plier**

**CHANNEL LOCK**

Part No.	Description
9C526	Wire Cutting Shear - 6" (Channellock #526)
9C537	Slip Joint Plier - 7" (Channellock #537), Precision Tool with Fine Side Cutter
9C546	Heavy Duty Slip Joint Plier Wire Cutting Shears - 6" (Channellock #546)
9C548	Heavy Duty Slip Joint Plier Wire Cutting Shears - 8" (Channellock #548)



9C537



9C447

**Cutting Pliers**

**CHANNEL LOCK**

Part No.	Description
9C447	Curved Diagonal, Box Joint, 7-3/4" - (Channellock #447)
9C436	Box Joint 6" - (Channellock #436)
9C437	Box Joint 7" - (Channellock #437)
9C337	Lap Joint 7" - (Channellock #337)
9C338	Cutter Plier 8" Lap Joint (Channellock #338)
9C911	Cable Cutter 9-1/2" - (Channellock #911) Cuts up to 4/0 aluminum and up to 2/0 soft copper. It is not designed for steel or ACSR.
9C357	Nipper 7" - (Channellock #357), End Cutter



9C436



9C437



9C337, 9C338



9C911



9C357



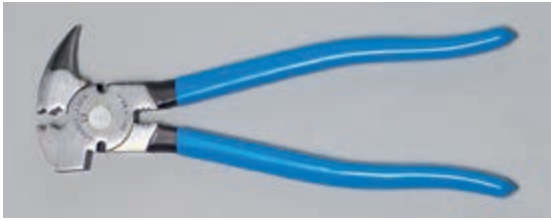
**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
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**WARNING**  
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9C85

### Fence Tool

**CHAN NEL LOCK**

**Part No. Description**

9C85 Fence Tool (Channellock #85)



9C558

### Hose Clamp Plier

**CHAN NEL LOCK**

**Part No. Description**

9C558 Hose Clamp Tool 8" (Channellock #558)



9C909

### Crimping Tool

**CHAN NEL LOCK**

**Part No. Description**

9C909 Crimping Tool (Channellock #909)





### Aviation Snips



**Part No. Description**

9P6716L	Cuts Left 10" - Red
9P6716R	Cuts Right 10" - Green
9P6716S	Cuts Straight 10" - Yellow
9P6716B	Bulldog Snips



9P6716L, 9P6716R, 9P6716S



9P6716B

### Offset Snips



**Part No. Description**

9P6510L	Left Cutting
9P6510R	Right Cutting



9P6510L, 9P6510R

### Metal Cutting Snips



**Part No. Description**

9P87S	Straight - 8"
9P107S	Straight - 10"
9P127S	Straight - 12"
9P77D	Duckbill - 7"
9P107D	Duckbill - 10"
9P127D	Duckbill - 12"



9P77S, 9P107S, 9P127S



9P77D, 9P107D, 9P127D



**WARNING**  
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**WARNING**  
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9V7WR

### Curved Jaw with Wire Cutter Locking Pliers

**WISE-GRIP®**  
**LOCKING CLAMPS**
**Part No. Description**

9V4WR	Miniature, 4-1/4" (Vise-Grip #4WR)
9V5WR	5" (Vise-Grip #5WR)
9V7WR	7" (Vise-Grip #7WR)
9V10WR	10" (Vise-Grip #10WR)



9V9LN

### Long Nose with Wire Cutter Locking Pliers

**WISE-GRIP®**  
**LOCKING CLAMPS**
**Part No. Description**

9V4LN	Miniature, 4" (Vise-Grip #4LN)
9V6LN	6" (Vise-Grip #6LN)
9V9LN	9" (Vise-Grip #9LN)



9V10CR

### Curved Jaw Locking Pliers

**WISE-GRIP®**  
**LOCKING CLAMPS**
**Part No. Description**

9V10CR	10" (Vise-Grip #10CR)
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9V7R

### Straight Jaw Locking Pliers

**WISE-GRIP®**  
**LOCKING CLAMPS**
**Part No. Description**

9V7R	7" (Vise-Grip #7R)
9V10R	10" (Vise-Grip #10R)



9V7LW

### Locking Wrench Plier Vise Grip

**WISE-GRIP®**  
**LOCKING CLAMPS**
**Part No. Description**

9V4LW	Locking Wrench Plier Vise Grip (Vise Grip #4LW)
9V7LW	Locking Wrench Plier Vise Grip (Vise Grip #9V7LW)
9V10LW	Locking Wrench Plier Vise Grip (Vise Grip #9V10LW)



### Locking C-Clamp Pliers

**WISE-GRIP®**  
**LOCKING CLAMPS**

Part No.	Description	Jaw Adjustment	Throat Depth
9V4SP	With Swivel Pads 4" (Vise-Grip #4SP)	0" – 2"	1-1/4"
9V6SP	With Swivel Pads 6" (Vise-Grip #6SP)	0" – 2-1/8"	1-1/2"
9V11SP	With Swivel Pads 11" (Vise-Grip #11SP)	0" – 3-7/8"	2-5/8"
9V18SP	With Swivel Pads 18" (Vise-Grip #18SP)	0" – 8"	9-1/2"
9V24SP	With Swivel Pads 24" (Vise-Grip #24SP)	0" – 10"	15-1/2"
9V6R	6" (Vise-Grip #6R)	0" – 2"	1-1/2"
9V11R	11" (Vise-Grip #11R)	0" – 4"	2-5/8"
9V18R	Regular Tips 18" (Vise-Grip #18R)	0" – 8"	9-1/2"
9V24R	Regular Tips 24" (Vise-Grip #24R)	0" – 12-1/2"	15-1/2"



9V4SP, 9V6SP, 9V11SP, 9V18SP, 9V24SP



9V6R, 9V11R, 9V18R, 9V24R

### Locking Sheet Metal Tool

**WISE-GRIP®**  
**LOCKING CLAMPS**

Part No.	Description	Jaw Adjustment
9V8R	Plier 8" (Vise-Grip #8R)	3-1/8"



9V8R

### Locking Welding Clamp Plier

**WISE-GRIP®**  
**LOCKING CLAMPS**

Part No.	Description	Jaw Adjustment
9V9R	Plier 9" (Vise-Grip #9R)	2-3/4"



9V9R

### Locking Chain Clamp – Pipewrench

**WISE-GRIP®**  
**LOCKING CLAMPS**

Part No.	Description
9V20R	Locking Chain Clamp - Pipewrench (Vise-Grip #20R) Chain Length 18"



9V20R



**WARNING**  
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**WARNING**  
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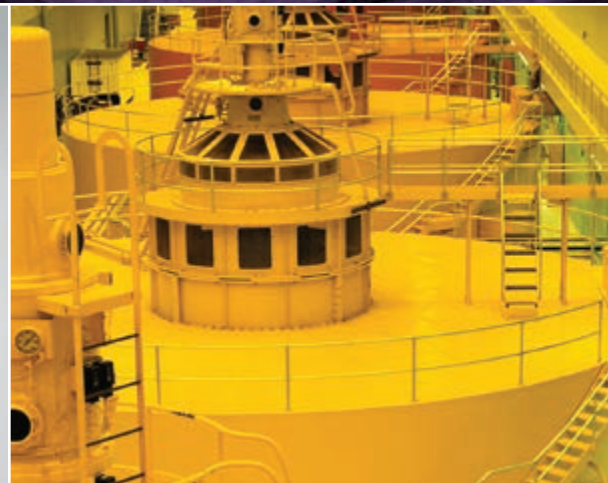


**WARNING**  
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# HAMMERS, PUNCHES & CHISELS



Wright has a full range of striking tools for various applications. Our selection includes Nupla® dead blow, soft-face, brass, ball pein and claw hammers; cross pein, short handle and double-face sledge hammers; and rubber mallets. Wood handled hammers include ball pein, cross pein, engineer and sledge. We also offer a wide selection of Mayhew™ punches and chisels, sold individually and in sets. Additionally, we carry Council Tool® sledge hammers and drilling hammers.



## W A R N I N G !

### HAMMERS

- Users and bystanders must wear safety goggles.
- To avoid possible eye injury from flying objects, safety goggles or equivalent protection conforming to ANSI Z87.1 shall be worn and kept clean by the user and all persons in the immediate area where any tool is being used.
- Comfort or plastic grips on handles are not intended to give any degree of protection against electric shock and shall not be used on or near live electric circuits.
- Hammer heads shall be inspected prior to each use and the hammer discarded if it shows chipping, dents, cracks, mushrooming or excessive wear.
- Inspect handles before each use. Never use a hammer with a loose or damaged handle.
- Hammer blows must be struck squarely to the surface being struck.
- Avoid glancing blows.
- Comfort or plastic grips on handles are not intended to give any degree of protection against electric shock and shall not be used on or near live electric circuits.
- Metal cutting chisels are special purpose tools designed and intended for the cutting, shaping, and removal of metal softer than the cutting edge of the chisel. To avoid possible bodily injury, chisels must not be used on objects as hard as or harder than the chisel cutting edge. Do not use chisels on stone or concrete.
- When using chisels, the cutting edge must be pointed away from the user and any bystanders. Keep hands away from the cutting edge
- Chisels and punches must not be used for prying or wedging, and no surface of the punch or chisel can be struck other than the struck face.
- When striking a punch or chisel, the striking face of the proper hammer must have a diameter at least 3/8" larger than the struck face of the chisel or punch. A hammer blow must be struck

## HAMMERS, PUNCHES & CHISELS SAFETY

- When striking another tool (punch, chisel, wedge, etc.), the striking face of the proper hammer must have a diameter at least 3/8" larger than the face of the struck tool.
- Keep striking faces free of oil and grease.
- Never use one hammer to strike another hammer.
- Never strike with the side (cheek) of a hammer.
- Nail hammers are intended to drive or pull unhardened nails only.
- Never strike hardened objects with a nail hammer.
- Never use a soft face hammer to drive a nail or any hardened object.
- Use dead blow hammers to minimize vibration.
- Instructors and employers shall train users and stress proper lifting and swinging techniques for each striking tool application.
- No area, section, or portion of a hammer shall be ground, welded, reheated, or otherwise altered from its original shape.
- When striking another tool (punch, chisel, wedge, etc.), the striking face of the proper hammer must have a diameter at least 3/8" larger than the face of the struck tool.
- Chisels, punches, and pry bars shall be inspected before each use and their use discontinued at the first sign of excessive wear, chipping, cracking, bending or mushrooming of any surfaces.
- Never use a chisel or punch with a mushroomed struck face, a bent stem, or a chipped, dull or deformed cutting edge or point.
- Never hammer a pry bar or use a pry bar as a hammer.
- No area, section, or portion of a chisel, punch, or pry bar shall be ground, welded, reheated, or otherwise altered from its original shape.
- Users shall apply a controlled force with a stance adjusted and braced to prevent rapid bodily movement or a fall if sudden release occurs. Users need to take extra care when using pry bars to avoid bar slippage. Users must also avoid bodily strain when using pry bars.
- The point end diameter of the starter punch or pin punch must approximate the size of the work piece.
- Pin punches must not be used as a starting (solid) punch.
- Drift or lining punches are special purpose tools intended for aligning and sizing holes and must not be used for driving metal or other hard objects.

### PUNCHES, CHISELS, PRY BARS

- Users and bystanders must wear safety goggles.
- To avoid possible eye injury from flying objects, safety goggles or equivalent protection conforming to ANSI Z87.1 shall be worn and kept clean by the user and all persons in the immediate area where any tool is being used.



## Standard Power Drive® Dead Blow Hammers



Part No.	QEP	Description
9023	QEP	1 lb. with Super Grip (Nupla #10015)
9024	QEP	2 lbs. with Super Grip (Nupla #10025)
9025	QEP	3 lbs. with Super Grip (Nupla #10035)
9026	QEP	4 lbs. with Super Grip (Nupla #10045)

Steel Shot Filled Head



## Rubber Mallet



Part No.	QEP	Description
9021	QEP	Rubber Mallet 1 lb. (Nupla #13110)
9022	QEP	Rubber Mallet 2 lb. (Nupla #13120)



## Brass Hammer



Part No.	QEP	Description
9028	QEP	1.5 lbs. with Super Grip 1" Diameter Face (Nupla #30015)
9029	QEP	2.5 lbs. with Super Grip 1-1/4" Diameter Face (Nupla #30025)
9065	QEP	4.0 lbs. with Super Grip (Nupla #30040)



## Soft Face Hammers



Part No.	QEP	Description
9030	QEP	11 oz., 1.25" Tip Diameter (Nupla #11225)
9031	QEP	16 oz., 1.375" Tip Diameter (Nupla #11235)
9032	QEP	32 oz., 1.75" Tip Diameter (Nupla #11275)

**NOTE:** All Nupla handles are fiberglass.



## Replaceable Tips



Part No.	Description
9033	Holder Tip, Flat, Red, Medium Hardness, 1.25" (Nupla #15 -123)
9034	Holder Tip, Flat, Green, Tough Hardness, 1.25" (Nupla #15 -124)
9035	Holder Tip, Red, Medium Hardness, 1.375" (Nupla #15 -133)
9036	Holder Tip, Flat, Green, Tough Hardness, 1.375" (Nupla #15 -134) Green
9037	Holder Tip, Flat, Red, Medium Hardness, 1.75" (Nupla #15 -173) Red
9038	Holder Tip, Flat, Green, Tough Hardness, 1.75" (Nupla #15 -174) Green



## Ball Pein Hammers, Fiberglass Handle



Part No.	Description
9040	8 oz. (Nupla #21-008)
9041	12 oz. (Nupla #21-012)
9042	16 oz. (Nupla #21-016)
9043	20 oz. (Nupla #21-020)
9044	24 oz. (Nupla #21-024)
9045	32 oz. (Nupla #21-032)

GGG-H86C



## Ball Pein Hammers, Wood Handle



Part No.	Description
9014	12 oz. 12" Length (Council Tool #PR12BP)
9015	16 oz. 14" Length (Council Tool #PR16BP)
9016	24 oz. 15" Length (Council Tool #PR24BP)
9017	32 oz. 16" Length (Council Tool #PR32BP)



## Claw & Ripping Hammers

Part No.	Description
9050	16 oz. Claw Hammer (Nupla #17-016)
9051	20 oz. Ripping Hammer - 14" Handle (Nupla #19-020)



**NOTE:** All Nupla handles are fiberglass.



**WARNING**  
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**WARNING**  
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**WARNING**  
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### Cross Pein Sledge Hammers Fiberglass Handle



Part No.	Description
9053	3 lbs. Cross Pein Sledge Hammer - 15" Fiberglass Handle (Council Tool #PR30xPFG)
9054	4 lbs. Cross Pein Sledge Hammer - 15" Fiberglass Handle (Council Tool #PR40xPFG)



### Cross Pein Sledge Hammers Wood Handle



Part No.	Description
9077	2.5 lbs. Cross Pein Sledge Hammer - 15" Length (Council Tool #PR25XP)
9078	3 lbs. Cross Pein Sledge Hammer - 15" Length (Council Tool #PR30XP)
9079	4 lbs. Cross Pein Sledge Hammer - 15" Length (Council Tool #PR40XP)



### Small Drilling Hammer



Part No.	Description
9052	3 lbs. with 10" Length (Council Tool #PR3FG)



### Short Handle Sledge Hammers Fiberglass Handle



Part No.	Description
9061	6 lbs. - 16" (Nupla #27-805)
9062	8 lbs. - 16" (Nupla #27-804)
9063	10 lbs. - 16" (Nupla #27-092)



### Sledge Hammers, Wood Handle



Part No.	Description
9066	6 lbs. - 36" Length - (Council Tool #PR600)
9067	8 lbs. - 36" Length - (Council Tool #PR800)
9068	10 lbs. - 36" Length - (Council Tool #PR1000)
9069	12 lbs. - 36" Length - (Council Tool #PR1200)
9070	16 lbs. - 36" Length - (Council Tool #PR1600)
9072	20 lbs. - 36" Length - (Council Tool #PR2000)



## Double Face Sledge Hammers



Part No.	Description
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### Nupla

9055	3 lbs. Double Face Sledge Hammer - 14" Handle (Nupla #27530)
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9056	4 lbs. Double Face Sledge Hammer - 14" Handle (Nupla #27540)
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### Council Tool

9057	6 lbs. Double Face Sledge Hammer - 32" Handle (Council Tool #27706)
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9058	10 lbs. Double Face Sledge Hammer - 32" Handle (Council Tool #27710)
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9059	12 lbs. Double face Sledge Hammer - 32" Handle (Council Tool #27712)
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9060	8 lbs. Double Face Sledge Hammer - 32" Handle (Council Tool #27708)
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9055, 9056

**NOTE:** All Nupla handles are fiberglass.



9057, 9058, 9059, 9060

## Engineer Hammers Wood Handle

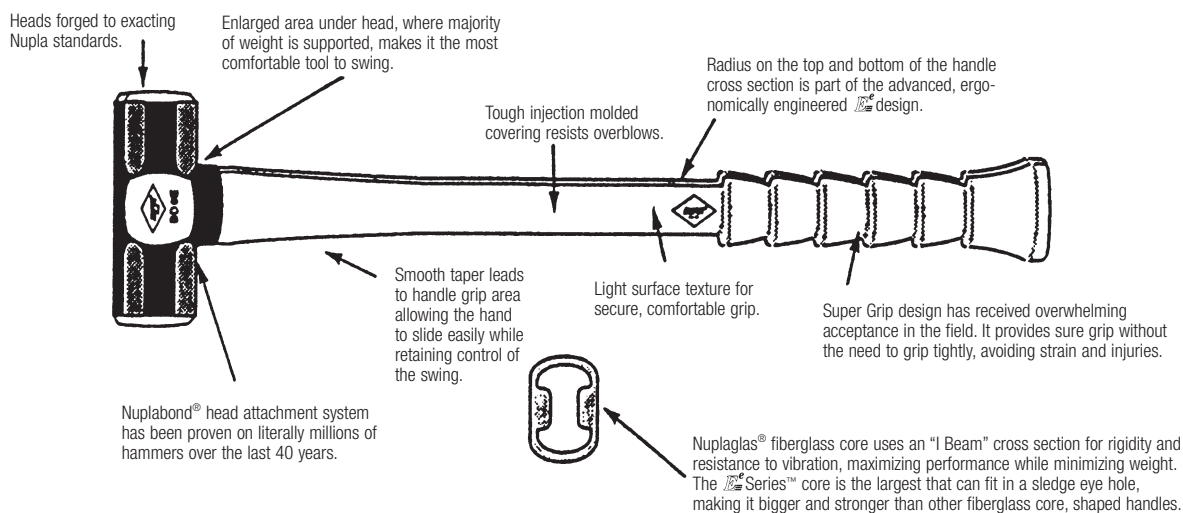


Part No.	Description
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9047	2.5 lbs. - 15" Length - (Council Tool #PR25)
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9048	3 lbs. - 15" Length - (Council Tool #PR30)
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9049	4 lbs. - 15" Length - (Council Tool #PR40)
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**NOTE:** Nupla brands, product names and codes are trademarks of Nupla Corporation. Council Tool logo, product names and codes and trademarks of Council Tool.



**WARNING**  
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**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.



### 6 Pieces – Punch & Chisel Set Set No. 9660 – (MayheW #751K)



This set contains six of the most commonly used punches and chisels.

Set No.	Description
9660	2 Cold Chisels 1/2", 5/8"
	1 Center Punch
	1 Starter Punch
	2 Pin Punches 1/8", 3/16"



### 6 Pieces – Punch Set Set No. 9661 – (MayheW #4106K)



Part No.	Description
9537	Center Punch 5/16" x 4-1/2" (MayheW #415 5/16")
9553	Starter Punch 1/8" x 5" (MayheW #400 1/8")
9556	Starter Punch 3/16" x 5" (MayheW #400 3/16")
9564	Prick Punch 3/8" x 5" (MayheW #485)
9594	Pin Punch 3/16" x 5-1/4" (MayheW #413 3/16")
9596	Pin Punch 1/4" x 5-3/4" (MayheW #413 1/4")

Supplied in Plastic Pouch



### 5 Pieces – Extra Long Pin Punch Set Set No. 9M62065 – (MayheW #62065)



Part No.	Description
9598	Extra Long Pin Punch 3/16" x 3-1/2" Extra Long (8" Total Length) (MayheW #21501)
9599	Extra Long Pin Punch 1/4" x 3-1/2" Extra Long (8" Total Length) (MayheW #21502)
9M21500	Extra Long Pin Punch 1/8" x 3-1/2" Extra Long (8" Total Length) (MayheW #21500)
9M21503	Extra Long Pin Punch 5/16" x 3-1/2" Extra Long (8" Total Length) (MayheW #21503)
9M21504	Extra Long Pin Punch 3/8" x 3-1/2" Extra Long (8" Total Length) (MayheW #21504)

Supplied in Plastic Pouch

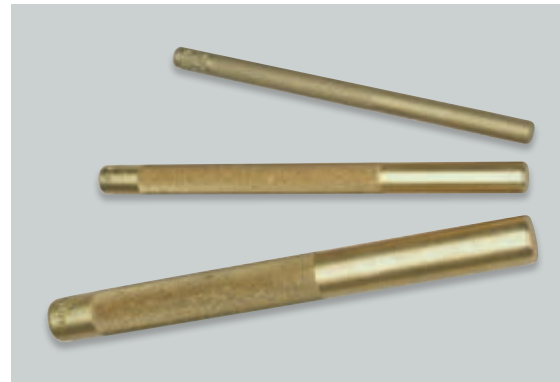


### 3 Pieces – Knurled Brass Drift Punch Set Set No. 9M61360 – (Mayhew #61630)



Part No.	Description
9M25075	Knurled Brass Drift Punch 3/4" (Mayhew #25075)
9M25076	Knurled Brass Drift Punch 1/2" (Mayhew #25076)
9M25077	Knurled Brass Drift Punch 3/8" (Mayhew #25077)

Supplied in Plastic Pouch



### 6 Pieces – Cold Chisel Set Set No. 9662 – (Mayhew #7001K)



Part No.	Description
9600	Cold Chisel 1/4" x 5" (Mayhew #70 1/4")
9601	Cold Chisel 5/16" x 5" (Mayhew #70 5/16")
9602	Cold Chisel 3/8" x 5-1/2" (Mayhew #70 3/8")
9603	Cold Chisel 1/2" x 6" (Mayhew #70 1/2")
9604	Cold Chisel 5/8" x 6-1/2" (Mayhew #70 5/8")
9605	Cold Chisel 3/4" x 7" (Mayhew #70 3/4")

Supplied in Plastic Pouch



### 14 Pieces – Mechanics Punch & Chisel Set Set No. 9663 – (Mayhew #7014K)



Part No.	Description
9600	Cold Chisel 1/4" x 5" (Mayhew #70 1/4")
9602	Cold Chisel 3/8" x 5-1/2" (Mayhew #70 3/8")
9603	Cold Chisel 1/2" x 6" (Mayhew #70 1/2")
9604	Cold Chisel 5/8" x 6-1/2" (Mayhew #70 5" x 8")
9605	Cold Chisel 3/4" x 7" (Mayhew #70 3/4")
9538	Center Punch 3/8" x 5" (Mayhew #415 3/8")
9553	Starter Punch 1/8" x 5" (Mayhew #400 1/8")
9556	Starter Punch 3/16" x 5" (Mayhew #400 3/16")
9581	Line-up Punch 1/8" x 8" (Mayhew #466 1/8")
9591	Pin Punch 3/32" x 4-1/2" (Mayhew #413 3/32")
9592	Pin Punch 1/8" x 4-3/4" (Mayhew #413 1" x 8")
9593	Pin Punch 3/16" x 5" (Mayhew #413 5/32")
9594	Pin Punch 3/16" x 5-1/4" (Mayhew #413 3/16")
9596	Pin Punch 1/4" x 5-3/4" (Mayhew #413 1/4")

Supplied in Plastic Pouch



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**WARNING**  
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**WARNING**  
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**6 Pieces – Roll Pin Pilot  
Punches Set  
Set No. 9680 – (Mayhew #62250)**



Part No.	Description
9670	1/8" #4 Pilot Punch (Mayhew #25003)
9671	5/32" #5 Pilot Punch (Mayhew #25004)
9672	3/16" #6 Pilot Punch (Mayhew #25005)
9673	7/32" #7 Pilot Punch (Mayhew #25006)
9674	1/4" #8 Pilot Punch (Mayhew #25007)
9675	5/16" #9 Pilot Punch (Mayhew #25008)

Supplied in Plastic Pouch



**9 Pieces – Roll Pin Pilot  
Punches Set  
Set No. 9681 – (Mayhew #62252)**



Part No.	Description
9667	1/16" #1 Pilot Punch (Mayhew #25000)
9668	5/64" #2 Pilot Punch (Mayhew #25001)
9669	3/32" #3 Pilot Punch (Mayhew #25002)
9670	1/8" #4 Pilot Punch (Mayhew #25003)
9671	5/32" #5 Pilot Punch (Mayhew #25004)
9672	3/16" #6 Pilot Punch (Mayhew #25005)
9673	7/32" #7 Pilot Punch (Mayhew #25006)
9674	1/4" #8 Pilot Punch (Mayhew #25007)
9675	5/16" #9 Pilot Punch (Mayhew #25008)

Supplied in Plastic Pouch



**12 Pieces – Roll Pin Pilot  
Punches Set  
Set No. 9682 – (Mayhew #62254)**



Part No.	Description
9667	1/16" x 1" - Pilot Punch (Mayhew #25000)
9668	5/64" x 2" - Pilot Punch (Mayhew #25001)
9669	3/32" x 3" - Pilot Punch (Mayhew #25002)
9670	1/8" x 4" - Pilot Punch (Mayhew #25003)
9671	5/32" x 5" - Pilot Punch (Mayhew #25004)
9672	3/16" x 6" - Pilot Punch (Mayhew #25005)
9673	7/32" x 7" - Pilot Punch (Mayhew #25006)
9674	1/4" x 8" - Pilot Punch (Mayhew #25007)
9675	5/16" x 9" - Pilot Punch (Mayhew #25008)
9676	3/8" x 10" - Pilot Punch (Mayhew #25009)
9677	7/16" x 11" - Pilot Punch (Mayhew #25010)
9678	1/2" x 12" - Pilot Punch (Mayhew #25011)

Supplied in Plastic Pouch



## 12 Piece Bench Set – Roll Pin Pilot Punches Set Set No. 9683 – (Mayhew #62258)



Part No.	Description
9683, 9667, 9668, 9669, 9670, 9671, 9672, 9673, 9674, 9675, 9676, 9677, 9678	12 Piece Set

Supplied in Wood Box



## Pilot Punches Display Set No. 9684 – (Mayhew #80000)



Part No.	Description
9684	Consists of: 3 each of 2 punch sizes 1/16" - 1/2" 1 each sets: 9680, 9681, 9682



## 4 Pieces – Line-Up Punch Set Set No. 9664 – (Mayhew #125K)



Part No.	Description
9581	Line-up Punch 1/8" x 8" (Mayhew #466 1/8")
9582	Line-up Punch 5/32" x 9" (Mayhew #466 5/32")
9583	Line-up Punch 3/16" x 10" (Mayhew #467 3/16")
9584	Line-up Punch 1/4" x 12" (Mayhew #466 1/4")

Supplied in Plastic Pouch



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.

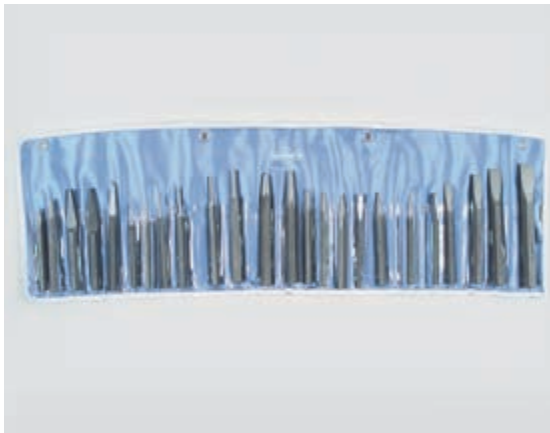


### 5 Pieces – Punch Set Set No. 9665 – (Mayhew #4105K)



Part No.	Description
9556	Starter Punch 3/16" x 5" (Mayhew #400 3/16")
9592	Pin Punch 1/8" x 4-3/4" (Mayhew #413 1/8")
9593	Pin Punch 5/32" x 5" (Mayhew #413 5/32")
9594	Pin Punch 3/16" x 5-1/4" (Mayhew #413 3/16")
9596	Pin Punch 1/4" x 5-3/4" (Mayhew #413 1/4")

Supplied in Plastic Pouch



### 24 Pieces – Master Punch & Chisel Set Set No. 9666 – (Mayhew #7024K)



Part No.	Description
9600	Cold Chisel 1/4" x 5" (Mayhew #70 1/4")
9601	Cold Chisel 5/16" x 5" (Mayhew #70 5/16")
9602	Cold Chisel 3/8" x 5-1/2" (Mayhew #70 3/8")
9603	Cold Chisel 1/2" x 6" (Mayhew #70 1/2")
9604	Cold Chisel 5/8" x 6-1/2" (Mayhew #70 5/8")
9605	Cold Chisel 3/4" x 7" (Mayhew #70 3/4")
9612	Cape Chisel 1/4" x 5-1/2" (Mayhew #150 1/4")
9622	Round Nose Chisel 1/4" x 5-1/2" (Mayhew #250 1/4")
9538	Center Punch 3/8" x 5" (Mayhew #415 3/8")
9552	Starter Punch 3/32" x 5" (Mayhew #400 3/32")
9553	Starter Punch 1/8" x 5" (Mayhew #400 1/8")
9555	Starter Punch 5/32" x 6" (Mayhew #400 5/32")
9556	Starter Punch 3/16" x 5" (Mayhew #400 3/16")
9557	Starter Punch 1/4" x 5" (Mayhew #400 1/4")
9558	Starter Punch 5/16" x 6" (Mayhew #401 5/16")
9563	Prick Punch 5/16" x 4-1/4" (Mayhew #410 5/16")
9591	Pin Punch 3/32" x 4-1/2" (Mayhew #413 3/32")
9592	Pin Punch 1/8" x 4-3/4" (Mayhew #413 1/8")
9593	Pin Punch 5/32" x 5" (Mayhew #413 5/32")
9594	Pin Punch 3/16" x 5-1/4" (Mayhew #413 3/16")
9596	Pin Punch 1/4" x 5-3/4" (Mayhew #413 1/4")
9597	Pin Punch 5/16" x 6" (Mayhew #413 5/16")
—	Diamond Point Chisel 1/4" x 5-3/4" (Mayhew #350 1/4")
—	Center Punch 1/2" x 6" (Mayhew #416 1/2")

Supplied in Plastic Pouch

NOTE: Also includes Mayhew #'s 350 1/4", Diamond Point Chisel (1/4" x 5-3/4") and 416 1/2", Center Punch (1/2" x 6")



## Center Punches



Part No.	Description	Tip Size
9536	1/4" x 3-1/2" (Mayhew #415 1/4")	3/32"
9537	5/16" x 4-1/2" (Mayhew #415 5/16")	5/32"
9538	3/8" x 5" (Mayhew #415 3/8")	3/16"
9539	1/2" x 6" (Mayhew #416 1/2")	5/16"
9540	5/8" x 6-1/4" (Mayhew #416 5/8")	3/8"



## Roll Pin Pilot Punches



The Mayhew Pilot Punch is designed to apply equal pressure to the end of the pin thus driving it straight through the hole. The round ball on the center of the point end assures proper contact with the pin thereby eliminating any damage to the pin or hole wall. (Manufactured to +.000, -.010 tolerance). PATENT No. 3,099,876

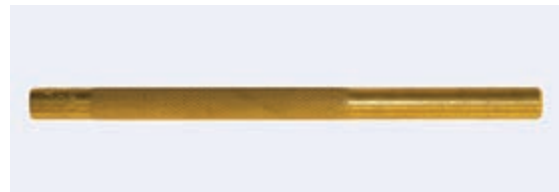
Part No.	Description	Overall Length
9667	#1 1/16" (Mayhew #25000)	2-3/4"
9668	#2 5/64" (Mayhew #25001)	3-1/4"
9669	#3 3/32" (Mayhew #25002)	3-1/2"
9670	#4 1/8" (Mayhew #25003)	4"
9671	#5 5/32" (Mayhew #25004)	4-1/2"
9672	#6 3/16" (Mayhew #25005)	4-1/2"
9673	#7 7/32" (Mayhew #25006)	5"
9674	#8 1/4" (Mayhew #25007)	5-1/2"
9675	#9 5/16" (Mayhew #25008)	6"
9676	#10 3/8" (Mayhew #25009)	6"
9677	#11 7/16" (Mayhew #25010)	6"
9678	#12 1/2" (Mayhew #25011)	6"



## Knurled Brass Drift Punches



Part No.	Description	Overall Length
9M25075	3/4" (Mayhew #25075)	8" Long
9M25076	1/2" (Mayhew #25076)	7" Long
9M25077	3/8" (Mayhew #25077)	6" Long



## Solid or Starter Punches



Part No.	Description
9552	3/32" x 5" (Mayhew #400 3/32")
9553	1/8" x 5" (Mayhew #400 1/8")
9555	5/32" x 6" (Mayhew #400 5/32")
9556	3/16" x 5" (Mayhew #400 3/16")
9557	1/4" x 5" (Mayhew #400 1/4")
9558	5/16" x 6" (Mayhew #401 5/16")



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
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**Prick Punches**



Part No.	Description
9563	5/16" x 4-1/4" (Mayhew #410 5/16")
9564	3/8" x 5" (Mayhew #410 3/8")



9M60144

**Pry Bars with Handles**



Part No.	Description	Blade Length
9M60140	Mayhew Dominator Curved Screwdriver-Style Pry Bar	7"
9M60144	Mayhew Dominator Curved Screwdriver-Style Pry Bar	12"
9M60146	Mayhew Dominator Curved Screwdriver-Style Pry Bar	18"
9M40138	Mayhew Dominator Curved Screwdriver-Style Pry Bar	36"
9M40139	Mayhew Dominator Curved Screwdriver-Style Pry Bar	42"
9M40164	Mayhew Dominator Curved Screwdriver-Style Pry Bar	44"
9M40162	Mayhew Dominator Curved Screwdriver-Style Pry Bar	58"
9M61355	Curved Screwdriver-Style Pry Bar 3 Pc. Set. Includes Part Nos. 9M60140, 9M60144 and 9M60146	



9M61355



**Die Separating Bar**



Part No.	Description
9M41280	18" (Mayhew #41280)
9M41285	30" (Mayhew #41285)



**Rolling Head Pry Bar**



Part No.	Description
9M481	3/8" x 9" (Mayhew #481)
9M482	1/2" x 16" (Mayhew #482)
9M483	5/8" x 18" (Mayhew #483)
9M484	3/4" x 22" (Mayhew #484)



**Rolling Head Pry Bar (Lady Slipper)**



Part No.	Description
9M424	1/2" x 12"
9M426	5/8" x 16"
9M428	3/4" x 21"



## Gooseneck Wrecking Bars



Part No.	Description
9M705	5/8" x 18" (Mayhew #705/41001)
9M710	3/4" x 24" (Mayhew #710/41002)
9M715	3/4" x 30" (Mayhew #715/41003)
9M717	3/4" x 36" (Mayhew #717/41004)



## Slotted Ripping Chisels



Part No.	Description
9M740	3/4" x 18" (Mayhew #740/41200)
9M745	3/4" x 18" (Mayhew #745/41201)



9M740



9M745

## Reg Rivet Buster



Part No.	Description
9M750	14" (Mayhew #11300)



9M750

## Line-Up Pry Bars



Part No.	Description	Tip Sizes
9575	1/2" x 14" (Mayhew #40000)	1/2"
9576	5/8" x 16" (Mayhew #40001)	5/8"
9577	3/4" x 20" (Mayhew #40002)	3/4"
9M472	3/4" x 24" (Mayhew #40003)	3/4"
9578	7/8" x 30" (Mayhew #40004)	7/8"
9M40022	7/8" x 38" (Mayhew #40022)	3/4"



## Line-Up Punches



Part No.	Description	Tip Sizes
9581	1/8" x 7-7/8" (Mayhew #22010)	5/16"
9582	5/32" x 9" (Mayhew #22011)	3/8"
9583	3/16" x 10" (Mayhew #22012)	1/2"
9584	1/4" x 12" (Mayhew #22003)	3/4"
9585	5/16" x 12" (Mayhew #22013)	5/8"
9586	3/8" x 15" (Mayhew #22017)	3/4"
9587	1/2" x 18" (Mayhew #22024)	7/8"



**WARNING**  
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**WARNING**  
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**WARNING**  
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## Pin Punches



Part No.	Description
9590	1/16" x 4" (Mayhew #413 1/16")
9591	3/32" x 4-1/2" (Mayhew #413 3/32")
9592	1/8" x 4-3/4" (Mayhew #413 1/8")
9593	5/32" x 5" (Mayhew #413 5/32")
9594	3/16" x 5-1/4" (Mayhew #413 3/16")
9595	7/32" x 5-1/2" (Mayhew #413 7/32")
9596	1/4" x 5-3/4" (Mayhew #413 1/4")
9597	5/16" x 6" (Mayhew #414 5/16")



## Extra Long Pin Punches



Part No.	Description
9M21500	1/8" x 3-1/2" Extra Long (8" Total Length)
9598	3/16" x 3-1/2" Extra Long (8" Total Length) (Mayhew #443 3/16")
9599	1/4" x 3-1/2" Extra Long (8" Total Length) (Mayhew #443 1/4")
9M21503	5/16" x 3-1/2" Extra Long (8" Total Length)
9M21504	3/8" x 3-1/2" Extra Long (8" Total Length)



## Cold Chisels



Part No.	Description
9600	1/4" x 5" (Mayhew #70 1/4")
9601	5/16" x 5" (Mayhew #70 5/16")
9602	3/8" x 5-1/2" (Mayhew #70 3/8")
9M10204	7/16" x 6" (Mayhew #10204)
9603	1/2" x 6" (Mayhew #70 1/2")
9604	5/8" x 6-1/2" (Mayhew #70 5/8")
9605	3/4" x 7" (Mayhew #70 3/4")
9606	7/8" x 7-1/2" (Mayhew #70 7/8")
9607	1" x 8" (Mayhew #70 1")
9608	1/2" x 9" (Mayhew #110 1/2")
9609	3/4" x 12" (Mayhew #110 3/4")
9M10217	7/8" x 12" (Mayhew #10217)
9M10221	1" x 12" (Mayhew #10221)



## Holder

Part No.	Description
9685	Punch & Chisel Holder



## Cold Chisel With Guard



Part No.	Description
9690	110-3/4 x 12 (Mayhew #85213)
9692	110-1 x 12 (Mayhew #85220)
9693	50-1 x 8 (Mayhew #85221)



## Cape Chisels



Part No.	Description	Body Sizes
9610	1/8" x 5-1/2" (Mayhew #10400)	5/16"
9611	3/16" x 5-1/2" (Mayhew #10401)	3/8"
9612	1/4" x 5-1/2" (Mayhew #10402MAY)	3/8"
9613	5/16" x 6-1/4" (Mayhew #10403)	1/2"
9614	3/8" x 7" (Mayhew #10404)	5/8"
9615	1/2" x 8" (Mayhew #10405)	3/4"



## Half-Round Nose Chisels



Part No.	Description	Body Sizes
9620	1/8" x 5-1/2" (Mayhew #10500)	5/16"
9621	3/16" x 5-1/2" (Mayhew #10501)	3/8"
9622	1/4" x 5-1/2" (Mayhew #10502MAY)	3/8"
9623	5/16" x 6-1/4" (Mayhew #10503)	1/2"
9624	3/8" x 7" (Mayhew #10504)	5/8"
9625	1/2" x 8" (Mayhew #10505)	3/4"



## Rivet Buster



Part No.	Description
9627	(Mayhew #854 - 3/4")



9627

## Nail Puller



Part No.	Description
9M720	Single End 5/8" x 10-1/8" (Mayhew #720)
9M725	Double End 5/8" x 10-1/2" (Mayhew #725)



9M720



9M725

NOTE: All Mayhew products meet ANSI Specification B209.1 1979  
Federal Specification: Chisels: GGG-6-3136; Punches: GGG-P-831E



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.





# CLAMPS



Our C-clamp selection is designed to meet all of your clamping requirements. Choose from deep-throat and extra deep-throat styles; heavy-service and extra heavy-service clamps.



## W A R N I N G !

### C-CLAMPS

- Users and bystanders must wear safety goggles.
- To avoid possible eye injury from flying objects, safety goggles or equivalent protection conforming to ANSI Z87.1 shall be worn and kept clean by the user and all persons in the immediate area where any tool is being used.
- Select C-clamps of proper size and capacity to handle the job.

## CLAMPS SAFETY

- Always inspect clamps before using. Never use a C-clamp with:
  - Bent, twisted or cracked frame
  - Badly worn threads on spindle
  - Bent or cracked spindle
  - Swivel pads badly worn, not turning freely, or missing from spindle
- Never use a hammer or pipe extension to tighten a C-clamp; only tighten to prevent slippage. If a wrench is used on a C-clamp, do not exceed the recommended “nominal clamping pressure.”
- Never use a C-clamp as a permanent holding device; always use a clamp only as a temporary holding tool.
- Never use a C-clamp to secure loads on moving vehicles.
- Never use a C-clamp with chain, strap, cable or hook to lift or move a load or work object.
- Never use a C-clamp to hoist or support any scaffolding.
- Never use a C-clamp as a safety eye hold.
- Never weld any parts of a C-clamp to other metal objects.
- Store C-clamps by clamping them in a rack, not in a drawer.



### Deep-Throat Forged Steel Body Clamps

Part No.	Max. Opening	Min. Depth	Screw Dia.	Test Load	Weight Per Box
90402B	2"	0"	2"	1/2"	3,500 lbs. 1-1/2 lbs.
90403B	3"	0"	2-3/8"	1/2"	3,500 lbs. 1-3/4 lbs.
90404B	4"	0"	2-3/4"	3/4"	6,500 lbs. 2-3/4 lbs.
90406B	6"	0"	3-5/8"	3/4"	6,900 lbs. 4-3/4 lbs.
90408B	8"	0"	4-1/2"	3/4"	6,900 lbs. 8-1/2 lbs.
90410B	10"	0"	5-3/8"	3/4"	8,000 lbs. 10-1/2 lbs.
90412B	12"	0"	5-3/4"	7/8"	9,500 lbs. 14 lbs.

Conforms to Federal Specification GGG-C-406D, Type 1, Class A, light service, deep throat. Threads on our screws are Acme roll-threaded for maximum strength and clamping force.



### Deep-Throat Forged Steel Body Clamps – Copper Screw

Part No.	Max. Opening	Min. Depth	Screw Dia.	Test Load	Weight Per Box
90402C	2"	0"	2"	1/2"	3,500 lbs. 1-1/2 lbs.
90403C	3"	0"	2-3/8"	1/2"	3,500 lbs. 1-3/4 lbs.
90404C	4"	0"	2-3/4"	3/4"	6,500 lbs. 2-3/4 lbs.
90406C	6"	0"	3-5/8"	3/4"	6,900 lbs. 4-3/4 lbs.
90408C	8"	0"	4-1/2"	3/4"	6,900 lbs. 8-1/2 lbs.
90410C	10"	0"	5-3/8"	3/4"	8,000 lbs. 10-1/2 lbs.
90412C	12"	0"	5-3/4"	7/8"	9,500 lbs. 14 lbs.

Conforms to Federal Specification GGG-C-406D, Type 1, Class A, light service, deep throat. Spatter-resisting copper plated screw, swivel and crosspin for welding applications.



### Extra-Deep-Throat Forged Steel Clamps – Copper Screw

Forged steel frame and deep throat design makes this an excellent clamp for deep reach, light service. Screw swivel and crosspin are copper plated.

Part No.	Opening Depth	Screw Dia.	Test Load	Weight Each
90404E	4" x 4"	3/4"	4,400 lbs.	4-3/4 lbs.
90406E	6" x 5"	3/4"	5,400 lbs.	6-3/4 lbs.
90408E	8" x 6"	3/4"	5,900 lbs.	10-3/4 lbs.

Conforms to Federal Specification GGG-C-406D, Type 1, Class A, light service, deep throat.

\*Depth is from center of screw to frame.





## Heavy-Service Forged C-Clamps

Recommended for heavy industrial and construction work demanding extra strength. Drop forged from selected steel and accurately heat-treated. Steel swivels are securely attached to hardened steel screws.

Part No.	Max. Opening	Min. Depth	Screw Dia.	Test Load	Weight Per Box
90102	2"	0"	1-1/2"	7,500 lbs.	1-1/2 lbs.
90103	3"	0"	2"	8,500 lbs.	3 lbs.
90104	4"	0"	2-3/8"	10,000 lbs.	4-1/2 lbs.
90106	6"	0"	2-1/2"	11,250 lbs.	5-1/2 lbs.
90108	8"	0"	2-5/8"	12,500 lbs.	7-1/4 lbs.
90110	10"	0"	2-3/4"	13,750 lbs.	9-1/4 lbs.
90112	12"	0"	2-7/8"	15,000 lbs.	11-1/2 lbs.

Conforms to Federal Specification GGG-C-406D, Type 1, Class B, medium service.

Replacement screws are available "SC" after the number. Ex: 90102SC



## Extra Heavy-Service Forged C-Clamps

Frame is forged from high-strength, heat-treated steel. Large diameter screws are full length and hardened to prevent bending and protect threads. Clamp strengths exceed test loads shown.

Part No.	Max. Opening	Min. Depth	Screw Dia.	Test Load	Weight Per Box	Replacement Screw Part Nos.
90102H	2-1/4"	0"	1-7/8"	3/4"	12,500 lbs.	3-3/4 lbs. 90102HSC
90103H	3-1/4"	0"	2-1/2"	7/8"	16,250 lbs.	6-1/2 lbs. 90103HSC
90104H	4-1/2"	0"	2-3/4"	7/8"	20,000 lbs.	10 lbs. 90104HSC
90105H	5-1/2"	0"	3-1/8"	7/8"	23,800 lbs.	13 lbs. 90105HSC
90106H	6-1/2"	0"	3-3/8"	1-1/8"	27,500 lbs.	17 lbs. 90106HSC
90108H	8-1/2"	0"	3-3/4"	1-1/8"	31,250 lbs.	24 lbs. 90108HSC
90110H	10-1/2"	0"	4-1/8"	1-1/8"	35,000 lbs.	29 lbs. 90110HSC
90112H	12-1/2"	0"	4-1/2"	1-1/8"	40,000 lbs.	40 lbs. 90112HSC

Conforms to Federal Specification GGG-C-406D, Type 1, Class B, heavy service.

\*Depth is from center of screw to frame.



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.



# MISCELLANEOUS TOOLS & ACCESSORIES



If there's anything else you need in the way of tools, look to Wright first. We offer a broad assortment of miscellaneous tools—everything from hacksaws and measuring tapes to feeler gauges and inspection mirrors. We're the right source for all of your hand tool needs.



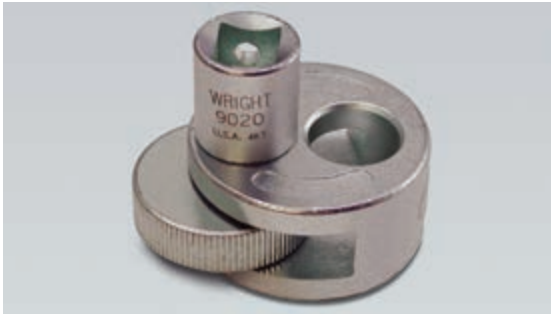
**W A R N I N G !**

## MISCELLANEOUS TOOLS & ACCESSORIES

- Users and bystanders must wear safety goggles.
- To avoid possible eye injury from flying objects, safety goggles or equivalent protection conforming to ANSI Z87.1 shall be worn and kept clean by the user and all persons in the immediate area where any tool is being used.
- Comfort or plastic grips on handles are not intended to give any degree of protection against electric shock and shall not be used on or near live electric circuits.
- Users shall apply a controlled force with a stance adjusted and braced to prevent rapid bodily movement or a fall if sudden release occurs.
- Never hammer or pry with scrapers, utility knives or extractors. Never use scrapers or utility knives as screwdrivers.
- Keep blades of utility knives and razor scrapers retracted in the housing except during use. Do not use dull blades. Keep free hand away from cutting edge.

## MISCELLANEOUS TOOLS & ACCESSORIES SAFETY

- Hacksaw blades shall be taut. Do not use dull saw blades. Keep free hand away from the saw blade when sawing.
- No area, section or portion of hacksaws, utility knives, scrapers or extractors shall be ground, welded, heated or altered from their original condition.
- Prior to each use, hacksaws, utility knives, scrapers and extractors shall be inspected and their use discontinued at the first sign of bending or wear.
- Do not open tape measure cases. The tape is under spring tension.
- Control the retraction of the measuring tape to prevent injury to hands or other bodily parts.



### Wright Stud Remover

A compact and powerful tool that fits into hard-to-reach spots and loosens hard-to-turn studs. The tighter the stud, the more firmly it is gripped. All high grade heat treated alloy steel. Fits flush, pulls 1/4" to 3/4" studs broken off close to the surface. Operates with any 1/2" square.

Part No.	Description
9020	Stud Remover



### Flange Jacks

Easy effort flange spreaders. Flanges are separated smoothly and evenly with no damage to flange faces. **Sold in pairs.**

#### Dia. Capacity in Inches – Standard Raised Face Flanges

Part No.	Description	125 lb. Cast Iron	150 lb. Steel	250 lb. Cast Iron	300 lb. Steel
9460	1 Pair	2" to 20"	2" to 20"	1" to 12"	3/4" to 12"
9461	1 Pair	16" to 48"	18" to 24"	12" to 30"	12" to 24"



### 8 Pieces – Torx® Set Set No. 9295

Part No.	Description	Part No.	Description
9271	Torx® T-8	9276	Torx® T-27
9272	Torx® T-10	9277	Torx® T-30
9273	Torx® T-15	9280	1/4" Hex x 1/4"
9274	Torx® T-20		Sq. Dr. Bit Holder
9275	Torx® T-25		

Skinpacked



### 7 Pieces – Torx® Set Set No. 9296

Part No.	Description	Part No.	Description
9281	6mm Ribe	9285	Torx® T-47
9282	Torx® T-30	9286	Torx® T-50
9283	Torx® T-40	9290	5/16" Hex x 3/8"
9284	Torx® T-45		Sq. Dr. Bit Holder

Skinpacked



### 7 Pieces – Torx® Set for 1/4" & 3/8" Drive Set No. 9297

1/4" DRIVE		3/8" DRIVE	
Part No.	Description	Part No.	Description
9250	E-6 Torx® Socket	9255	E-10 Torx® Socket
9251	E-7 Torx® Socket	9256	E-12 Torx® Socket
9252	E-8 Torx® Socket	9257	E-14 Torx® Socket
		9258	E-16 Torx® Socket



### 1/4" Drive Torx® Sockets

Part No.	Dr. Sq. Size	Shape	Head Size	L	Ds	Dd
9250	1/4"	I	E-6	1-1/16"	5/16"	1/2"
9251	1/4"	I	E-7	1-1/16"	3/8"	1/2"
9252	1/4"	I	E-8	1-1/16"	13/32"	1/2"

Refer to socket dimensional drawings on page 114.



### 3/8" Drive Torx® Sockets

Part No.	Dr. Sq. Size	Shape	Head Size	L	Ds	Dd
9255	3/8"	I	E-10	1-1/4"	1/2"	11/16"
9256	3/8"	I	E-12	1-1/4"	5/8"	11/16"
9257	3/8"	II	E-14	1-1/4"	11/16"	-
9258	3/8"	II	E-16	1-1/4"	3/4"	-

Skinpacked.

Refer to socket dimensional drawings on pages 154.



### 1/4" Drive Torx® Bits

Part No.	Hex Size	Shape	Bit Size	L
9271	1/4"	II	T-8	1"
9272	1/4"	II	T-10	1"
9273	1/4"	II	T-15	1"
9274	1/4"	II	T-20	1"
9275	1/4"	II	T-25	1"
9276	1/4"	II	T-27	1"
9277	1/4"	II	T-30	1"

Refer to socket dimensional drawings on page 114.



### 1/4" Drive Bit Holders

Part No.	Dr. Sq. Size	Shape	Head Size	L	Ds	Dd
9280	1/4"	III	1/4"	1"	1/2"	1/2"

Refer to socket dimensional drawings on page 114.



### 3/8" Torx® Bit Holders

Part No.	Dr. Sq. Size	Shape	Head Size	L	Ds	Dd
9290	3/8" Dr. 5/16"	I	5/16"	1-1/4"	9/16"	11/16"
9292	3/8" Dr. 7/16"	I	7/16"	1-1/2"	7/8"	11/16"

Refer to socket dimensional drawings on pages 155.







### 5/16" Torx® Bits for 3/8" Drive Holder

Part No.	Hex Size	Shape	Bit Size	L
9281	5/16"	I	6mm Ribe	1-1/8"
9282	5/16"	II	T-30	1-1/8"
9283	5/16"	II	T-40	1-1/8"
9284	5/16"	II	T-45	1-1/8"
9285	5/16"	II	T-47	1-1/8"
9286	5/16"	II	T-50	1-1/8"

Refer to socket dimensional drawings on pages 155.



### 1/2" Torx® Bits

Part No.	Hex Size	Shape	Bit Size	L
9287	7/16"	I	T-55	1-3/8"

Refer to socket dimensional drawings on pages 189.



### 1/2" Drive Bit Holder

Part No.	Dr. Sq. Size	Shape	Head Size	L	Ds	Dd
9291	1/2"	III	7/16"	1-1/2"	7/8"	11/16"

Refer to socket dimensional drawings on pages 189.



### 1/2" Square Drive Torx® Driver

Part No.	Hex Size	Shape	Bit Size	L
9288	1/2"	II	T-60	2-1/8"

Refer to socket dimensional drawings on pages 189.



### Gasket Scrapers



Part No.	Description
9M42004	Mayhew Dominator Carbon Scraper, 1/2"
9M42005	Mayhew Dominator Carbon Scraper, 3/4"
9M42006	Mayhew Dominator Carbon Scraper, 1"
9M42007	Mayhew Dominator Carbon Scraper, 1-1/2"
9M60001	Mayhew Dominator 4 Pc. Carbon Scraper Set



9M60001

### Picks, Hooks & Awls



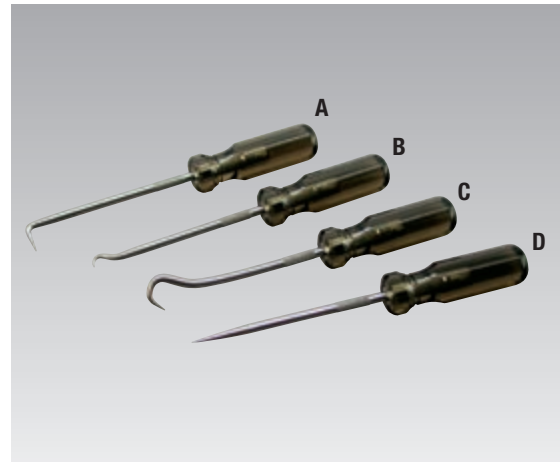
Part No.	Description
9M42000	Mayhew Dominator Scratch Awl
9M42001	Mayhew Dominator 90 Degree Hook
9M42002	Mayhew Dominator Curved Hook
9M42003	Mayhew Dominator Complex Hook
9M60000	Mayhew Dominator 4 Pc. Hook & Pick Set



9M60000

### Mini Picks Hooks & Awls Set

Part No.	Description
9UPSP4	4-Piece Hook & Pick Set, Overall Length 5-1/4"
	<b>A</b> - Pick
	<b>B</b> - Combination Pick
	<b>C</b> - Hook Pick
	<b>D</b> - Straight Pick



9UPSP4



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.



### Scrapers/Putty Knives



Part No.	Description
9488	Flexible Blade 1-1/4" (Hyde #02000)
9489	Flexible Blade 3" (Hyde #02350)
9491	Stiff Blade 1-1/4" (Hyde #02050)



### Heavy-Duty Scraper



Part No.	Description
9487	Polypropylene 8" Handle Scraper, 3" Blade (Hyde #12050)



### Razor Scraper



Part No.	Description
9492	Razor Scraper (Hyde #13000)



### Utility Knife



Has a retractable blade which holds in four positions. Handle stores additional blades.

Part No.	Description
9526	Top-Slide Utility Knife (Hyde #42070)
9525	Utility Knife Blades (10 Pack)



### Safety Utility Knife



Part No.	Description
9527	Safety Utility Knife - Skinpacked (Hyde #42065)

Hyde Tools logo is a registered trademark of Hyde Tools.



## Spiral Thread Screw Extractor Set

Set designed for easy removal of broken studs. Will back out all of those stubborn bolts. Set of 5 sizes, in a blister pack.

Part No.	Size	Screw or Bolt Size
9G95202	1	3/32" to 5/32"
	2	5/32" to 7/32"
	3	7/32" to 9/32"
	4	9/32" to 3/8" & 1/8" Pipe
	5	3/8" to 5/8" & 1/4" Pipe



## Spiral Thread Screw Extractors

Part No.	Size	Screw or Bolt Size
9G85101	1	3/32" to 5/32"
9G85102	2	5/32" to 7/32"
9G85103	3	7/32" to 9/32"
9G85104	4	9/32" to 3/8" & 1/8" Pipe
9G85105	5	3/8" to 5/8" & 1/4" Pipe



## Safety DVD

Part No.	Description
9307	Safety DVD

Additional information available on web site



## Safety Goggles

Part No.	Description
9302	Safety Goggles



## HTI Safety Book

Part No.	Description
9301	Hand Tool Institute Safety Book



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.



## Metric Feeler Gauges – 10-Blade Gauge

Part No.	Description
9528	Feeler Gauge 10 Blade SAE Contains 10 Blades of the following thicknesses:
	.012 (0.30mm)      .005 (0.13mm)
	.010 (0.25mm)      .004 (0.10mm)
	.008 (0.20mm)      .003 (0.8mm)
	.007 (0.18mm)      .002 (0.05mm)
	.006 (0.15mm)      .015 (0.38mm)



## Metric Feeler Gauges – 25-Blade Gauge

Part No.	Description
9529	Feeler Gauge 25 Blade Metric Contains 25 Blades of the following thicknesses:
	0.04mm    0.15mm    0.50mm    0.85mm
	0.05mm    0.20mm    0.55mm    0.90mm
	0.06mm    0.25mm    0.60mm    0.95mm
	0.07mm    0.30mm    0.65mm    1.00mm
	0.08mm    0.35mm    0.70mm
	0.09mm    0.40mm    0.75mm
	0.10mm    0.45mm    0.80mm



## Feeler Gauges – 25-Blade Master Gauge

Part No.	Description
9530	Contains 25 3-5/16" x 1/2" blades of the following thicknesses:
	.0015    .008    .015    .028
	.002    .009    .016    .030
	.003    .010    .018    .032
	.004    .011    .020    .035
	.005    .012    .022
	.006    .013    .024
	.007    .014    .025



## Feeler Gauges – New Style Spark Plug Wire Gauge

Part No.	Description
9531	Wire Gap Gauge New style spark plug wire gauge. It is designed for longer and heavier usage. Contains 1 electrode bender and 8 wire gauges of the following thicknesses:
	.020 .028 .032 .035
	.025 .030 .034 .040



## Scratch Brush

Part No.	Description
9493	14" Long, Brush Length - 6"



## Steel Tapes

Part No.	Description
9505	1" x 26', 8m
9507	3/4" x 16'
9508	1" x 25'
9509	3/8" x 100'
9510	1" x 30'



## Hacksaw

Part No.	Description
9523	Heavy Duty Hacksaw



## Replaceable Hacksaw Blades

Part No.	Description
9521	Hacksaw Blade 12" Bi-Metal, 20/18T
9522	Hacksaw Blade 12" Bi-Metal, 20/24T



Sold in packages of 10 only



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.



9534

### Magnetic Pickup Tools

Multi-angle telescoping magnetic pickup tool. Gets into hard-to-reach places.

Part No.	Description
9534	Flexible Magnetic Retrieving Tool, 19-1/2"
9535	17" Closed Length, Telescopes to 27"

Pick-up capacity 21 oz.



9535



9M45044

### Lighted Pickup Tool

Part No.	Description
9M45044	Lighted Pickup Tool (Mayhew #45044)



9700

### Inspection Mirrors

Part No.	Description
9700	Oval 1 x 2", 8-3/4" Long
9701	Circular 2-1/4" Diameter 10" to 14" Long
9702	Rectangular 2-1/8" x 3-1/2"; 11-1/4" x 15-1/2" Long
9703	Lighted Telescopic Round Mirror 2-3/8" Round. Stretches from 6-1/2" to 36-3/8"



9701



9702



9703





**Follow along  
with Alex Rutledge and Ty Smith**

as they travel across the United States chasing  
mature whitetail, elk, and turkey.

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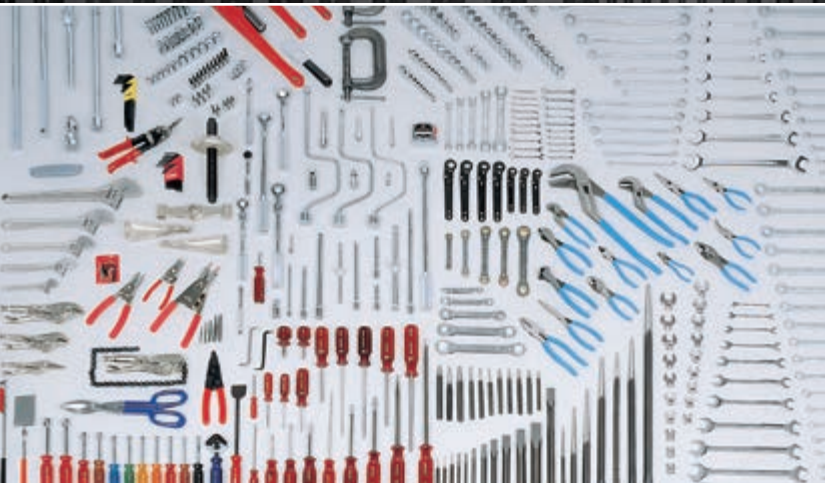
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# CONTENTS OF MASTERS SETS



Wright Tool Company offers an impressive selection of Master Sets for professionals. From our Mega Master Set with over 560 tools to our smaller Apprentice and Basic Service Sets, there's something for everyone—even metric sets. Each set contains quality tools, carefully selected according to need and coverage.



**W A R N I N G !**

## MASTER SETS SAFETY

**ASME B107.59** – Striking Wrenches

**ASME B107.100** – Flat Wrenches

**ASME B107.110** – Socket Wrenches

**ASME B107.300** – Torque Wrenches

**ASME B107.400** – Striking Tools/Hammers

**ASME B107.140** – Struck Tools

**ASME B107.500** – Pliers

**ASME B107.510** – Pliers and Shears

**ASME B107.600** – Screwdrivers

**ASME B18.3.2M** – Hexagon Keys and Bits



## Mega Fractional Master Set – 1/4", 3/8", 1/2" & 3/4" Drives

### Set No. 101

438 Pieces Including  
WT710 Ten Drawer Chest &  
WT796 Eight Drawer Roller Cabinet

### Set No. 102

436 Pieces  
(Tools Only - Cabinets Not Included)

See Page 13 for photograph.

Part No.	Description	Size
<b>FLAT WRENCHES</b>		
1012	3/8" Drive Crowfoot Wrench	3/8"
1014	3/8" Drive Crowfoot Wrench	7/16"
1016	3/8" Drive Crowfoot Wrench	1/2"
1018	3/8" Drive Crowfoot Wrench	9/16"
1020	3/8" Drive Crowfoot Wrench	5/8"
1022	3/8" Drive Crowfoot Wrench	11/16"
1024	3/8" Drive Crowfoot Wrench	3/4"
1026	3/8" Drive Crowfoot Wrench	13/16"
1028	3/8" Drive Crowfoot Wrench	7/8"
1032	3/8" Drive Crowfoot Wrench	1"
1108	Combination Wrench, 12 Pt.	1/4"
1110	Combination Wrench, 12 Pt.	5/16"
1112	Combination Wrench, 12 Pt.	3/8"
1114	Combination Wrench, 12 Pt.	7/16"
1116	Combination Wrench, 12 Pt.	1/2"
1118	Combination Wrench, 12 Pt.	9/16"
1120	Combination Wrench, 12 Pt.	5/8"
1122	Combination Wrench, 12 Pt.	11/16"
1124	Combination Wrench, 12 Pt.	3/4"
1126	Combination Wrench, 12 Pt.	13/16"
1128	Combination Wrench, 12 Pt.	7/8"
1130	Combination Wrench, 12 Pt.	15/16"
1132	Combination Wrench, 12 Pt.	1"
1134	Combination Wrench, 12 Pt.	1-1/16"
1136	Combination Wrench, 12 Pt.	1-1/8"
1140	Combination Wrench, 12 Pt.	1-1/4"
1142	Combination Wrench, 12 Pt.	1-5/16"
1144	Combination Wrench, 12 Pt.	1-3/8"
1146	Combination Wrench, 12 Pt.	1-7/16"
1148	Combination Wrench, 12 Pt.	1-1/2"
1152	Combination Wrench, 12 Pt.	1-5/8"
1310	Open End Wrench	1/4" x 5/16"
1314	Open End Wrench	3/8" x 7/16"
1316	Open End Wrench	7/8" x 1/2"
1318	Open End Wrench	1/2" x 9/16"
1320	Open End Wrench	9/16" x 5/8"
1322	Open End Wrench	5/8" x 11/16"
1326	Open End Wrench	3/4" x 13/16"
1330	Open End Wrench	7/8" x 15/16"
1332	Open End Wrench	15/16" x 1"
1340	Open End Wrench	1-1/8" x 1-1/4"
1614	Flare Nut Wrench	3/8" x 7/16"
1618	Flare Nut Wrench	1/2" x 9/16"
1622	Flare Nut Wrench	5/8" x 11/16"
51012	12 Pt. Box Wrench - Modified Offset	5/16" x 3/8"
51416	12 Pt. Box Wrench - Modified Offset	7/16" x 1/2"
51820	12 Pt. Box Wrench - Modified Offset	9/16" x 5/8"
52224	12 Pt. Box Wrench - Modified Offset	11/16" x 3/4"
52628	12 Pt. Box Wrench - Modified Offset	13/16" x 7/8"
53032	12 Pt. Box Wrench - Modified Offset	15/16" x 1"
53436	12 Pt. Box Wrench - Modified Offset	1-1/16" x 1-1/8"
<b>1/4" DRIVE SOCKETS &amp; ATTACHMENTS</b>		
2005	6 Pt. Standard Socket	5/32"
2006	6 Pt. Standard Socket	3/16"
2007	6 Pt. Standard Socket	7/32"
2008	6 Pt. Standard Socket	1/4"
2009	6 Pt. Standard Socket	9/32"
2010	6 Pt. Standard Socket	5/16"
2011	6 Pt. Standard Socket	11/32"
2012	6 Pt. Standard Socket	3/8"
2014	6 Pt. Standard Socket	7/16"
2016	6 Pt. Standard Socket	1/2"
2202	Hex Bit Socket	1/16"
2204	Hex Bit Socket	3/32"

Part No.	Description	Size
2205	Hex Bit Socket	7/64"
2206	Hex Bit Socket	1/8"
2207	Hex Bit Socket	9/64"
2208	Hex Bit Socket	5/32"
2210	Hex Bit Socket	3/16"
2212	Hex Bit Socket	7/32"
2214	Hex Bit Socket	1/4"
2218	Hex Bit Socket	5/16"
2308	Special 8 Pt. Standard Socket	1/4"
2310	Special 8 Pt. Standard Socket	5/16"
2312	Special 8 Pt. Standard Socket	3/8"
2506	6 Pt. Deep Socket	3/16"
2507	6 Pt. Deep Socket	7/32"
2508	6 Pt. Deep Socket	1/4"
2509	6 Pt. Deep Socket	9/32"
2510	6 Pt. Deep Socket	5/16"
2511	6 Pt. Deep Socket	11/32"
2512	6 Pt. Deep Socket	3/8"
2514	6 Pt. Deep Socket	7/16"
2516	6 Pt. Deep Socket	1/2"
2402	2" Extension	
2404	4" Extension	
2406	6" Extension	
2410	10" Extension	
2414	14" Extension	
2435	Flex Handle	
2441	Spinner	
2453	Adaptor 1/4" F x 3/8" M	
2475	Universal	
13	Metal Box	
<b>3/8" DRIVE SOCKETS &amp; ATTACHMENTS</b>		
3108	12 Pt. Standard Socket	1/4"
3110	12 Pt. Standard Socket	5/16"
3112	12 Pt. Standard Socket	3/8"
3114	12 Pt. Standard Socket	7/16"
3116	12 Pt. Standard Socket	1/2"
3118	12 Pt. Standard Socket	9/16"
3120	12 Pt. Standard Socket	5/8"
3122	12 Pt. Standard Socket	11/16"
3124	12 Pt. Standard Socket	3/4"
3126	12 Pt. Standard Socket	13/16"
3128	12 Pt. Standard Socket	7/8"
3130	12 Pt. Standard Socket	15/16"
3132	12 Pt. Standard Socket	1"
3204	Hex Bit Socket	1/8"
3205	Hex Bit Socket	5/32"
3206	Hex Bit Socket	3/16"
3207	Hex Bit Socket	7/32"
3208	Hex Bit Socket	1/4"
3210	Hex Bit Socket	5/16"
3212	Hex Bit Socket	3/8"
3260	Standard Screwdriver Socket with Bit	1/4"
3262	Standard Screwdriver Socket with Bit	3/8"
3265	Phillips Screwdriver Socket with Bit	#1
3266	Phillips Screwdriver Socket with Bit	#2
3267	Phillips Screwdriver Socket with Bit	#3
3268	Phillips Screwdriver Socket with Bit	#4
3308	Special 8 Pt. Standard Socket	1/4"
3310	Special 8 Pt. Standard Socket	5/16"
3312	Special 8 Pt. Standard Socket	3/8"
3314	Special 8 Pt. Standard Socket	7/16"
3316	Special 8 Pt. Standard Socket	1/2"
3318	Special 8 Pt. Standard Socket	9/16"
3320	Special 8 Pt. Standard Socket	5/8"
3322	Special 8 Pt. Standard Socket	11/16"

Part No.	Description	Size
3324	Special 8 Pt. Standard Socket	3/4"
3326	Special 8 Pt. Standard Socket	13/16"
3328	Special 8 Pt. Standard Socket	7/8"
3402	1-1/2" Extension	
3403	3" Extension	
3405	5" Extension	
3408	8" Extension	
3426	Ratchet	
3435	Flex Handle	
3443	Sliding T	
3445	Speeder, 14-1/2"	
3452	Adaptor, 3/8" F x 1/4" M	
3454	Adaptor, 3/8" F x 1/2" M	
3475	Universal	
3612	12 Pt. Deep Socket	3/8"
3614	12 Pt. Deep Socket	7/16"
3616	12 Pt. Deep Socket	1/2"
3618	12 Pt. Deep Socket	9/16"
3620	12 Pt. Deep Socket	5/8"
3622	12 Pt. Deep Socket	11/16"
3624	12 Pt. Deep Socket	3/4"
3626	12 Pt. Deep Socket	13/16"
3628	12 Pt. Deep Socket	7/8"
3630	12 Pt. Deep Socket	15/16"
3632	12 Pt. Deep Socket	1"
3712	12 Pt. Flex Socket	3/8"
3714	12 Pt. Flex Socket	7/16"
3716	12 Pt. Flex Socket	1/2"
3718	12 Pt. Flex Socket	9/16"
3720	12 Pt. Flex Socket	5/8"
3722	12 Pt. Flex Socket	11/16"
3724	12 Pt. Flex Socket	3/4"
<b>1/2" DRIVE SOCKETS &amp; ATTACHMENTS</b>		
2492	Ratchet, 5-1/4"	
4112	12 Pt. Standard Socket	3/8"
4114	12 Pt. Standard Socket	7/16"
4116	12 Pt. Standard Socket	1/2"
4118	12 Pt. Standard Socket	9/16"
4120	12 Pt. Standard Socket	5/8"
4122	12 Pt. Standard Socket	11/16"
4124	12 Pt. Standard Socket	3/4"
4126	12 Pt. Standard Socket	13/16"
4128	12 Pt. Standard Socket	7/8"
4130	12 Pt. Standard Socket	15/16"
4132	12 Pt. Standard Socket	1"
4134	12 Pt. Standard Socket	1-1/16"
4136	12 Pt. Standard Socket	1-1/8"
4138	12 Pt. Standard Socket	1-3/16"
4140	12 Pt. Standard Socket	1-1/4"
4142	12 Pt. Standard Socket	1-5/16"
4144	12 Pt. Standard Socket	1-3/8"
4146	12 Pt. Standard Socket	1-7/16"
4148	12 Pt. Standard Socket	1-1/2"
4208	Hex Bit Socket	1/4"
4210	Hex Bit Socket	5/16"
4212	Hex Bit Socket	3/8"
4214	Hex Bit Socket	7/16"
4216	Hex Bit Socket	1/2"
4218	Hex Bit Socket	9/16"
4220	Hex Bit Socket	5/8"
4312	Special 8 Pt. Standard Socket	3/8"
4314	Special 8 Pt. Standard Socket	7/16"
4316	Special 8 Pt. Standard Socket	1/2"
4318	Special 8 Pt. Standard Socket	9/16"
4320	Special 8 Pt. Standard Socket	5/8"



CONTENTS OF MASTER SETS



## Mega Fractional Master Set – 1/4", 3/8", 1/2" & 3/4" Drives - Sets No. 101 and 102 - (continued)

Part No.	Description	Size
4322	Special 8 Pt. Standard Socket	11/16"
4324	Special 8 Pt. Standard Socket	3/4"
4326	Special 8 Pt. Standard Socket	13/16"
4328	Special 8 Pt. Standard Socket	7/8"
4330	Special 8 Pt. Standard Socket	15/16"
4332	Special 8 Pt. Standard Socket	1"
4334	Special 8 Pt. Standard Socket	1-1/16"
4336	Special 8 Pt. Standard Socket	1-1/8"
4340	Special 8 Pt. Standard Socket	1-1/4"
4402	2" Extension	
4405	5" Extension	
4410	10" Extension	
4420	20" Extension	
4425	Ratchet - Long Handle	
4426	Ratchet	
4435	Flex Handle	
4443	Sliding T	
4445	Speeder	
4453	Adaptor, 1/2" F x 3/8" M	
4475	Universal	
4478	Micro-Adjustable Torque Wrench, 30-250 Ft. Lbs.	
4612	12 Pt. Deep Socket	3/8"
4614	12 Pt. Deep Socket	7/16"
4616	12 Pt. Deep Socket	1/2"
4618	12 Pt. Deep Socket	9/16"
4620	12 Pt. Deep Socket	5/8"
4622	12 Pt. Deep Socket	11/16"
4624	12 Pt. Deep Socket	3/4"
4626	12 Pt. Deep Socket	13/16"
4628	12 Pt. Deep Socket	7/8"
4630	12 Pt. Deep Socket	15/16"
4632	12 Pt. Deep Socket	1"
4634	12 Pt. Deep Socket	1-1/16"
4636	12 Pt. Deep Socket	1-1/8"
4638	12 Pt. Deep Socket	1-3/16"
4640	12 Pt. Deep Socket	1-1/4"
4642	12 Pt. Deep Socket	1-5/16"
4644	12 Pt. Deep Socket	1-3/8"
4646	12 Pt. Deep Socket	1-7/16"
4648	12 Pt. Deep Socket	1-1/2"
<b>3/4" DRIVE SOCKETS &amp; ATTACHMENTS</b>		
6124	12 Pt. Standard Socket	3/4"
6126	12 Pt. Standard Socket	13/16"
6128	12 Pt. Standard Socket	7/8"
6130	12 Pt. Standard Socket	15/16"
6132	12 Pt. Standard Socket	1"
6134	12 Pt. Standard Socket	1-1/16"
6136	12 Pt. Standard Socket	1-1/8"
6138	12 Pt. Standard Socket	1-3/16"
6140	12 Pt. Standard Socket	1-1/4"
6142	12 Pt. Standard Socket	1-5/16"
6144	12 Pt. Standard Socket	1-3/8"
6146	12 Pt. Standard Socket	1-7/16"
6148	12 Pt. Standard Socket	1-1/2"
6150	12 Pt. Standard Socket	1-9/16"
6152	12 Pt. Standard Socket	1-5/8"
6154	12 Pt. Standard Socket	1-11/16"
6156	12 Pt. Standard Socket	1-3/4"
6158	12 Pt. Standard Socket	1-13/16"
6160	12 Pt. Standard Socket	1-7/8"
6164	12 Pt. Standard Socket	2"
6166	12 Pt. Standard Socket	2-1/16"
6168	12 Pt. Standard Socket	2-1/8"
6170	12 Pt. Standard Socket	2-3/16"
6172	12 Pt. Standard Socket	2-1/4"
6176	12 Pt. Standard Socket	2-3/8"
6400	Ratchet	
6403	3-1/2" Extension	
6408	8" Extension	
6416	16" Extension	
6435	Flex Handle	
6443	Sliding T	
6475	Universal	
6900	Impact Adaptor, 3/4" F x 1/2" M	

Part No.	Description	Size
6901	Impact Adaptor, 3/4" F x 1" M	
<b>SERVICE TOOLS</b>		
787	Miniature Combination Wrench Set, 10 Pieces	
9020	Stud Remover	
9022	Rubber Mallet, 2-5/8" Head Dia. x 16-3/4" Length	
9023	Dead Blow Hammer with Super Grip, 1 Lb.	
9029	Brass Hammer with Super Grip, 2.5 Lbs.	
9032	Soft Face Hammer, 37 oz., 1.75"	
9040	Ball Peen Hammer, Fiberglass Handle, 8 Oz.	
9042	Ball Peen Hammer, Fiberglass Handle, 16 Oz.	
9045	Ball Peen Hammer, Fiberglass Handle, 32 Oz.	
90404B	Deep Throat Forged Steel C-Clamp, Black Oxide, 4", 2 each	
9101	Phillips Screwdriver #2 - 1-1/2"	
9104	Phillips Screwdriver #1 - 3"	
9105	Phillips Screwdriver #2 - 4"	
9106	Phillips Screwdriver #3 - 6"	
9109	Phillips Screwdriver #4 - 8"	
9113	Cabinet Tip Screwdriver, 1/8" - 5"	
9114	Cabinet Tip Screwdriver, 3/16" - 3"	
9115	Cabinet Tip Screwdriver, 3/16" - 4"	
9116	Cabinet Tip Screwdriver, 3/16" - 6"	
9117	Cabinet Tip Screwdriver, 3/16" - 8"	
9122	Round Shank Screwdriver, 1/4" Stubby	
9123	Round Shank Screwdriver, 1/4" - 4"	
9124	Round Shank Screwdriver, 1/4" - 6"	
9125	Round Shank Screwdriver, 5/16" - 6"	
9126	Round Shank Screwdriver, 3/8" - 8"	
9132	Square Shank Screwdriver, 1/4" - 4"	
9134	Square Shank Screwdriver, 5/16" - 6"	
9135	Square Shank Standard Tip, 3/8" - 8"	
9136	Square Shank Screwdriver 3/8" - 10"	
9137	Square Shank Screwdriver 3/8" - 12"	
9181	Two-in-One Flip Screwdriver w/Pocket Clip #1 Phillips and 5/32" Slotted Blades. OAL 4-3/4"	
9184	Offset Screwdriver, 5/16"	
9186	Offset Screwdriver, #1 x #2	
9220	Hollow Shaft Nut Driver, 3/16"	
9221	Hollow Shaft Nut Driver, 7/32"	
9222	Hollow Shaft Nut Driver, 1/4"	
9223	Hollow Shaft Nut Driver, 9/32"	
9224	Hollow Shaft Nut Driver, 5/16"	
9225	Hollow Shaft Nut Driver, 11/32"	
9226	Hollow Shaft Nut Driver, 3/8"	
9227	Hollow Shaft Nut Driver, 7/16"	
9228	Hollow Shaft Nut Driver, 1/2"	
9229	Hollow Shaft Nut Driver, 9/16"	
9230	Hollow Shaft Nut Driver, 5/8"	
9250	E-6 Torx® Socket, 1/4" Dr. x 1" Long	
9251	E-7 Torx® Socket, 1/4" Dr. x 1" Long	
9252	E-8 Torx® Socket, 1/4" Dr. x 1" Long	
9255	E-10 Torx® Socket, 3/8" Dr. x 1-1/4" Long	
9256	E-12 Torx® Socket, 3/8" Dr. x 1-1/4" Long	
9257	E-14 Torx® Socket, 3/8" Dr. x 1-1/4" Long	
9258	E-16 Torx® Socket, 3/8" Dr. x 1-1/4" Long	
9271	Torx® T-8, 1/4" Hex x 1" Long	
9272	Torx® T-10, 1/4" Hex x 1" Long	
9273	Torx® T-15, 1/4" Hex x 1" Long	
9274	Torx® T-20, 1/4" Hex x 1" Long	
9275	Torx® T-25, 1/4" Hex x 1" Long	
9276	Torx® T-27, 1/4" Hex x 1" Long	
9277	Torx® T-30, 1/4" Hex x 1" Long	
9280	1/4" Hex x 1/4" Square Drive Adaptor	
9281	6mm Ribe, 5/16" Hex x 1-1/8" Long	
9282	Torx® T-30, 5/16" Hex x 1-1/8" Long	
9283	Torx® T-40, 5/16" Hex x 1-1/8" Long	
9284	Torx® T-45, 5/16" Hex x 1-1/8" Long	
9285	Torx® T-47, 5/16" Hex x 1-1/8" Long	
9286	Torx® T-50, 5/16" Hex x 1-1/8" Long	
9290	5/16" Hex x 3/8" Sq. Dr. Bit Holder	
9424	Ratchet Box Wrench, 12 Pt. Offset Rev., 1/4" x 5/16"	
9425	Ratchet Box Wrench, 12 Pt. Offset Rev., 3/8" x 7/16"	
9426	Ratchet Box Wrench, 12 Pt. Offset Rev., 1/2" x 9/16"	

Part No.	Description
9427	Ratchet Box Wrench, 12 Pt. Offset Rev., 5/8" x 11/16"
9428	Ratchet Box Wrench, 12 Pt. Offset Rev., 3/4" x 7/8"
9471	Stripper/Crimper/Cutter 10-20 AWG
9488	Flexible Scraper Blade, 1-1/4"
9507	Tape Measure, 3/4" x 16'
9521	Carbon Steel Blades - 10 Pieces
9523	Hacksaw
9526	Utility Knife
9530	Feeler Gauge
9535	Magnetic Pick-up Tool
9575	Pinch Bar, 1/2" x 4"
9577	Pinch Bar, 3/4" x 20"
9630	Spanner Wrench, Adj. Hook, Black 3/4" to 2", 1/8" Hook
9632	Spanner Wrench, Adj. Hook, Black 2" to 4-3/4", 3/16" Hook
9666	Master Punch & Chisel Kit - 24 Pieces
9685	Punch & Chisel Holder
9702	Rectangular Inspection Mirror, 2-1/8" x 3-1/2", 11-1/2" x 15-1/2" Long
9AC08	Adjustable Wrench, 8"
9AC10	Adjustable Wrench, 10"
9AC12	Adjustable Wrench, 12"
9AC15	Adjustable Wrench, 15"
9C317	Long Nose Pliers w/Side Cutter, 7-1/2"
9C318	Ling Nose Pliers w/Side Cutter, 8"
9C326	Long Nose Pliers w/Side Cutter, 6"
9C348	Linesman Pliers, Round Nose, 8"
9C357	Pliers, End Cutting
9C386	Long Nose Pliers, Curved w/Serrated Jaws, 6"
9C424	Tongue and Groove Pliers, 4-1/2"
9C430	Tongue and Groove Pliers, 10"
9C440	Tongue and Groove Pliers, 12"
9C447	Cutting Pliers, Curved Diagonal, Box Joint, 7-3/4"
9C460	Tongue and Groove Pliers, 16"
9C718	Duck Bill Needle Nose, 7"
9G95202	Screw Extractor Set - 5 Pieces
9H1234	Retaining Ring Pliers w/Replaceable Tips
9M424	Rolling Head Pry Bar (Lady Slipper), 7/16" x 12"
9M426	Rolling Head Pry Bar (Lady Slipper), 9/16" x 16"
9V10WR	Curved Jaw Locking Pliers, w/Wire Cutter, 10"
9V20R	Locking Chain Clamp RIDGID Pipe Wrench, 11"
9P6716S	Aviation Snips, Cuts Straight, Yellow, 10"
9V6LN	Long Nose Locking Pliers, w/Wire Cutter, 6"
9V7R	Straight Jaw Locking Pliers
9E10113	Fractional L-Key Set, Short Arm in Tool Holder - 13 Pieces
9M42007	Dominator Carbon Scraper, 1-1/2"

CONTENTS OF MASTER SETS





## Mega Fractional/Metric Master Set – 1/4", 3/8", 1/2" & 3/4" Drives

### Set No. 105

558 Pieces Including WT861 Nine Drawer  
42" Top Chest & WT854 Fifteen Drawer  
42" Roller Cabinet

### Set No. 107

556 Pieces  
(Tools Only - Cabinets Not Included)

See Page 14 for photograph.

Part No.	Description	Size
<b>FLAT WRENCHES</b>		
10-10mm	3/8" Drive Metric Crowfoot Wrench	10mm
10-11mm	3/8" Drive Metric Crowfoot Wrench	11mm
10-12mm	3/8" Drive Metric Crowfoot Wrench	12mm
10-13mm	3/8" Drive Metric Crowfoot Wrench	13mm
10-14mm	3/8" Drive Metric Crowfoot Wrench	14mm
10-15mm	3/8" Drive Metric Crowfoot Wrench	15mm
10-16mm	3/8" Drive Metric Crowfoot Wrench	16mm
10-17mm	3/8" Drive Metric Crowfoot Wrench	17mm
10-18mm	3/8" Drive Metric Crowfoot Wrench	18mm
10-19mm	3/8" Drive Metric Crowfoot Wrench	19mm
1012	3/8" Drive Crowfoot Wrench	3/8"
1014	3/8" Drive Crowfoot Wrench	7/16"
1016	3/8" Drive Crowfoot Wrench	1/2"
1018	3/8" Drive Crowfoot Wrench	9/16"
1020	3/8" Drive Crowfoot Wrench	5/8"
1022	3/8" Drive Crowfoot Wrench	11/16"
1024	3/8" Drive Crowfoot Wrench	3/4"
1026	3/8" Drive Crowfoot Wrench	13/16"
1028	3/8" Drive Crowfoot Wrench	7/8"
1040	Combination Open End Flare Nut Wrench	3/8"
1042	Combination Open End Flare Nut Wrench	7/16"
1044	Combination Open End Flare Nut Wrench	1/2"
1046	Combination Open End Flare Nut Wrench	9/16"
1048	Combination Open End Flare Nut Wrench	5/8"
1050	Combination Open End Flare Nut Wrench	11/16"
1052	Combination Open End Flare Nut Wrench	3/4"
11-07mm	Metric Combination Wrench, 12 Pt.	7mm
11-08mm	Metric Combination Wrench, 12 Pt.	8mm
11-09mm	Metric Combination Wrench, 12 Pt.	9mm
11-10mm	Metric Combination Wrench, 12 Pt.	10mm
11-11mm	Metric Combination Wrench, 12 Pt.	11mm
11-12mm	Metric Combination Wrench, 12 Pt.	12mm
11-13mm	Metric Combination Wrench, 12 Pt.	13mm
11-14mm	Metric Combination Wrench, 12 Pt.	14mm
11-15mm	Metric Combination Wrench, 12 Pt.	15mm
11-16mm	Metric Combination Wrench, 12 Pt.	16mm
11-17mm	Metric Combination Wrench, 12 Pt.	17mm
11-18mm	Metric Combination Wrench, 12 Pt.	18mm
11-19mm	Metric Combination Wrench, 12 Pt.	19mm
11-20mm	Metric Combination Wrench, 12 Pt.	20mm
11-21mm	Metric Combination Wrench, 12 Pt.	21mm
11-22mm	Metric Combination Wrench, 12 Pt.	22mm
11-23mm	Metric Combination Wrench, 12 Pt.	23mm
11-24mm	Metric Combination Wrench, 12 Pt.	24mm
1110	Combination Wrench, 12 Pt.	5/16"
1112	Combination Wrench, 12 Pt.	3/8"
1114	Combination Wrench, 12 Pt.	7/16"
1116	Combination Wrench, 12 Pt.	1/2"
1118	Combination Wrench, 12 Pt.	9/16"
1120	Combination Wrench, 12 Pt.	5/8"
1122	Combination Wrench, 12 Pt.	11/16"
1124	Combination Wrench, 12 Pt.	3/4"
1126	Combination Wrench, 12 Pt.	13/16"
1128	Combination Wrench, 12 Pt.	7/8"
1130	Combination Wrench, 12 Pt.	15/16"
1132	Combination Wrench, 12 Pt.	1"
1134	Combination Wrench, 12 Pt.	1-1/16"
1136	Combination Wrench, 12 Pt.	1-1/8"
1140	Combination Wrench, 12 Pt.	1-1/4"
1142	Combination Wrench, 12 Pt.	1-5/16"
1144	Combination Wrench, 12 Pt.	1-3/8"
1146	Combination Wrench, 12 Pt.	1-7/16"
1148	Combination Wrench, 12 Pt.	1-1/2"
13-0607mm	Full Polish Metric Open End Wrench	6mm x 7mm

Part No.	Description	Size
13-0809mm	Full Polish Metric Open End Wrench	8mm x 9mm
13-1011mm	Full Polish Metric Open End Wrench	10mm x 11mm
13-1213mm	Full Polish Metric Open End Wrench	12mm x 13mm
13-1415mm	Full Polish Metric Open End Wrench	14mm x 15mm
13-1617mm	Full Polish Metric Open End Wrench	16mm x 17mm
13-1819mm	Full Polish Metric Open End Wrench	18mm x 19mm
13-2022mm	Full Polish Metric Open End Wrench	20mm x 22mm
13-2123mm	Full Polish Metric Open End Wrench	21mm x 23mm
13-2426mm	Full Polish Metric Open End Wrench	24mm x 26mm
1310	Open End Wrench	1/4" x 5/16"
1312	Open End Wrench	3/8" x 5/16"
1316	Open End Wrench	7/16" x 1/2"
1318	Open End Wrench	1/2" x 9/16"
1320	Open End Wrench	9/16" x 5/8"
1324	Open End Wrench	5/8" x 3/4"
1325	Open End Wrench	11/16" x 3/4"
1329	Open End Wrench	13/16" x 7/8"
1332	Open End Wrench	15/16" x 1"
1336	Open End Wrench	1-1/16" x 1-1/8"
16-11mm	Metric Flare Nut Wrench, 6 Pt.	9mm x 11mm
16-12mm	Metric Flare Nut Wrench, 6 Pt.	10mm x 12mm
16-14mm	Metric Flare Nut Wrench, 6 Pt.	13mm x 14mm
16-17mm	Metric Flare Nut Wrench, 6 Pt.	15mm x 17mm
16-21mm	Metric Flare Nut Wrench, 6 Pt.	19mm x 21mm
1642	Ratcheting Flare Nut Wrench	3/8"
1644	Ratcheting Flare Nut Wrench	7/16"
1646	Ratcheting Flare Nut Wrench	1/2"
1648	Ratcheting Flare Nut Wrench	9/16"
1650	Ratcheting Flare Nut Wrench	5/8"
1652	Ratcheting Flare Nut Wrench	11/16"
1654	Ratcheting Flare Nut Wrench	3/4"
51012	12 Pt. Box Wrench - Modified Offset	5/16" x 3/8"
51416	12 Pt. Box Wrench - Modified Offset	7/16" x 1/2"
51820	12 Pt. Box Wrench - Modified Offset	9/16" x 5/8"
52224	12 Pt. Box Wrench - Modified Offset	11/16" x 3/4"
52628	12 Pt. Box Wrench - Modified Offset	13/16" x 7/8"
53032	12 Pt. Box Wrench - Modified Offset	15/16" x 1"
53436	12 Pt. Box Wrench - Modified Offset	1-1/16" x 1-1/8"
50810mm	Metric 12 Pt. Box Wrench - Modified Offset	8mm x 10mm
51011mm	Metric 12 Pt. Box Wrench - Modified Offset	10mm x 11mm
51213mm	Metric 12 Pt. Box Wrench - Modified Offset	12mm x 13mm
51415mm	Metric 12 Pt. Box Wrench - Modified Offset	14mm x 15mm
51618mm	Metric 12 Pt. Box Wrench - Modified Offset	16mm x 18mm
51719mm	Metric 12 Pt. Box Wrench - Modified Offset	17mm x 19mm
<b>1/4" DRIVE SOCKETS &amp; ATTACHMENTS</b>		
20-04mm	6 Pt. Standard Metric Socket	4mm
20-05mm	6 Pt. Standard Metric Socket	5mm
20-5.5mm	6 Pt. Standard Metric Socket	5.5mm
20-06mm	6 Pt. Standard Metric Socket	6mm
20-07mm	6 Pt. Standard Metric Socket	7mm
20-08mm	6 Pt. Standard Metric Socket	8mm
20-09mm	6 Pt. Standard Metric Socket	9mm
20-10mm	6 Pt. Standard Metric Socket	10mm
20-11mm	6 Pt. Standard Metric Socket	11mm
20-12mm	6 Pt. Standard Metric Socket	12mm
20-13mm	6 Pt. Standard Metric Socket	13mm
20-14mm	6 Pt. Standard Metric Socket	14mm
2006	6 Pt. Standard Socket	3/16"
2007	6 Pt. Standard Socket	7/32"
2008	6 Pt. Standard Socket	1/4"
2009	6 Pt. Standard Socket	9/32"
2010	6 Pt. Standard Socket	5/16"
2011	6 Pt. Standard Socket	11/32"
2012	6 Pt. Standard Socket	3/8"
2014	6 Pt. Standard Socket	7/16"

Part No.	Description	Size
2016	6 Pt. Standard Socket	1/2"
2118	12 Pt. Standard Socket	9/16"
2202	Hex Bit Socket	1/16"
2203	Hex Bit Socket	5/64"
2204	Hex Bit Socket	3/32"
2205	Hex Bit Socket	7/64"
2206	Hex Bit Socket	1/8"
2207	Hex Bit Socket	9/64"
2208	Hex Bit Socket	5/32"
2210	Hex Bit Socket	3/16"
2212	Hex Bit Socket	7/32"
2214	Hex Bit Socket	1/4"
2218	Hex Bit Socket	5/16"
2260	Standard Screwdriver Socket with Bit (9204)	3/16"
2261	Standard Screwdriver Socket with Bit (9205)	1/4"
2263	Standard Screwdriver Socket with Bit	23/64"
2265	Phillips Screwdriver Socket with Bit (9200)	#1
2267	Phillips Screwdriver Socket with Bit (9201)	#2
2308	Special 8 Pt. Standard Socket	1/4"
2310	Special 8 Pt. Standard Socket	5/16"
2312	Special 8 Pt. Standard Socket	3/8"
2402	2" Extension	
2404	4" Extension	
2406	6" Extension	
2435	Flex Handle	
2442	Spinner w/female end	
2445	Speed Handle	
2475	Universal Joint	
2492	Ratchet, 5-1/4"	
25-04mm	6 Pt. Deep Metric Socket	4mm
25-05mm	6 Pt. Deep Metric Socket	5mm
25-06mm	6 Pt. Deep Metric Socket	6mm
25-07mm	6 Pt. Deep Metric Socket	7mm
25-08mm	6 Pt. Deep Metric Socket	8mm
25-09mm	6 Pt. Deep Metric Socket	9mm
25-10mm	6 Pt. Deep Metric Socket	10mm
25-11mm	6 Pt. Deep Metric Socket	11mm
25-12mm	6 Pt. Deep Metric Socket	12mm
25-13mm	6 Pt. Deep Metric Socket	13mm
2506	6 Pt. Deep Socket	3/16"
2507	6 Pt. Deep Socket	7/32"
2508	6 Pt. Deep Socket	1/4"
2509	6 Pt. Deep Socket	9/32"
2510	6 Pt. Deep Socket	5/16"
2511	6 Pt. Deep Socket	11/32"
2512	6 Pt. Deep Socket	3/8"
2514	6 Pt. Deep Socket	7/16"
2516	6 Pt. Deep Socket	1/2"
2618	12 Pt. Deep Socket	9/16"
2708	12 Pt. Standard Universal Socket	1/4"
2710	12 Pt. Standard Universal Socket	5/16"
2712	12 Pt. Standard Universal Socket	3/8"
2714	12 Pt. Standard Universal Socket	7/16"
<b>3/8" DRIVE SOCKETS &amp; ATTACHMENTS</b>		
31-08mm	12 Pt. Standard Metric Socket	8mm
31-09mm	12 Pt. Standard Metric Socket	9mm
31-10mm	12 Pt. Standard Metric Socket	10mm
31-11mm	12 Pt. Standard Metric Socket	11mm
31-12mm	12 Pt. Standard Metric Socket	12mm
31-13mm	12 Pt. Standard Metric Socket	13mm
31-14mm	12 Pt. Standard Metric Socket	14mm
31-15mm	12 Pt. Standard Metric Socket	15mm
31-16mm	12 Pt. Standard Metric Socket	16mm
31-17mm	12 Pt. Standard Metric Socket	17mm
31-18mm	12 Pt. Standard Metric Socket	18mm



# Wright Mega Fractional/Metric Master Set



CONTENTS OF MASTER SETS

## Mega Fractional/Metric Master Set – 1/4", 3/8", 1/2" & 3/4" Drives - Sets No. 105 and 107 - (continued)

Part No.	Description	Size
31-19mm	12 Pt. Standard Metric Socket	19mm
3108	12 Pt. Standard Socket	1/4"
3110	12 Pt. Standard Socket	5/16"
3112	12 Pt. Standard Socket	3/8"
3114	12 Pt. Standard Socket	7/16"
3116	12 Pt. Standard Socket	1/2"
3118	12 Pt. Standard Socket	9/16"
3120	12 Pt. Standard Socket	5/8"
3122	12 Pt. Standard Socket	11/16"
3124	12 Pt. Standard Socket	3/4"
3126	12 Pt. Standard Socket	13/16"
3128	12 Pt. Standard Socket	7/8"
3130	12 Pt. Standard Socket	15/16"
3132	12 Pt. Standard Socket	1"
32-04mm	Metric Hex Bit Socket	4mm
32-05mm	Metric Hex Bit Socket	5mm
32-06mm	Metric Hex Bit Socket	6mm
32-07mm	Metric Hex Bit Socket	7mm
32-08mm	Metric Hex Bit Socket	8mm
32-10mm	Metric Hex Bit Socket	10mm
3204	Hex Bit Socket	1/8"
3205	Hex Bit Socket	5/32"
3206	Hex Bit Socket	3/16"
3207	Hex Bit Socket	7/32"
3208	Hex Bit Socket	1/4"
3210	Hex Bit Socket	5/16"
3212	Hex Bit Socket	3/8"
3260	Standard Screwdriver Socket with Bit	1/4"
3266	Phillips Screwdriver Socket with Bit	#2
3267	Phillips Screwdriver Socket with Bit	#3
3268	Phillips Screwdriver Socket with Bit	#4
3308	Special 8 Pt. Standard Socket	1/4"
3310	Special 8 Pt. Standard Socket	5/16"
3312	Special 8 Pt. Standard Socket	3/8"
3314	Special 8 Pt. Standard Socket	7/16"
3316	Special 8 Pt. Standard Socket	1/2"
3403	3" Extension	
3405	5" Extension	
3408	8" Extension	
3410	3" Wobble Extension	
3411	6" Wobble Extension	
3412	12" Extension	
3426	Ratchet, 7" Knurled Grip	
3427	Flex Head Ratchet, 9-11/16" Knurled Steel Grip	
3435	Flex Handle	
3443	Sliding T	
3445	Speeder, 14-1/2"	
3475	Universal	
35-16mm	6 Pt. Deep Metric Socket	16mm
35-18mm	6 Pt. Deep Metric Socket	18mm
3508	6 Pt. Deep Socket	1/4"
3510	6 Pt. Deep Socket	5/16"
36-10mm	12 Pt. Deep Metric Socket	10mm
36-11mm	12 Pt. Deep Metric Socket	11mm
36-12mm	12 Pt. Deep Metric Socket	12mm
36-13mm	12 Pt. Deep Metric Socket	13mm
36-14mm	12 Pt. Deep Metric Socket	14mm
36-15mm	12 Pt. Deep Metric Socket	15mm
36-17mm	12 Pt. Deep Metric Socket	17mm
36-19mm	12 Pt. Deep Metric Socket	19mm
3612	12 Pt. Deep Socket	3/8"
3614	12 Pt. Deep Socket	7/16"
3616	12 Pt. Deep Socket	1/2"
3618	12 Pt. Deep Socket	9/16"
3620	12 Pt. Deep Socket	5/8"
3622	12 Pt. Deep Socket	11/16"
3624	12 Pt. Deep Socket	3/4"
3626	12 Pt. Deep Socket	13/16"
3628	12 Pt. Deep Socket	7/8"
3630	12 Pt. Deep Socket	15/16"
3632	12 Pt. Deep Socket	1"
3712	12 Pt. Flex Socket	3/8"
3714	12 Pt. Flex Socket	7/16"

Part No.	Description	Size
3716	12 Pt. Flex Socket	1/2"
3718	12 Pt. Flex Socket	9/16"
3720	12 Pt. Flex Socket	5/8"
3722	12 Pt. Flex Socket	11/16"
3724	12 Pt. Flex Socket	3/4"
<b>1/2" DRIVE SOCKETS &amp; ATTACHMENTS</b>		
41-10mm	12 Pt. Standard Metric Socket	10mm
41-11mm	12 Pt. Standard Metric Socket	11mm
41-12mm	12 Pt. Standard Metric Socket	12mm
41-13mm	12 Pt. Standard Metric Socket	13mm
41-14mm	12 Pt. Standard Metric Socket	14mm
41-15mm	12 Pt. Standard Metric Socket	15mm
41-16mm	12 Pt. Standard Metric Socket	16mm
41-17mm	12 Pt. Standard Metric Socket	17mm
41-18mm	12 Pt. Standard Metric Socket	18mm
41-19mm	12 Pt. Standard Metric Socket	19mm
41-20mm	12 Pt. Standard Metric Socket	20mm
41-21mm	12 Pt. Standard Metric Socket	21mm
41-22mm	12 Pt. Standard Metric Socket	22mm
41-23mm	12 Pt. Standard Metric Socket	23mm
41-24mm	12 Pt. Standard Metric Socket	24mm
41-26mm	12 Pt. Standard Metric Socket	26mm
4112	12 Pt. Standard Socket	3/8"
4114	12 Pt. Standard Socket	7/16"
4116	12 Pt. Standard Socket	1/2"
4118	12 Pt. Standard Socket	9/16"
4119	12 Pt. Standard Socket	19/32"
4120	12 Pt. Standard Socket	5/8"
4122	12 Pt. Standard Socket	11/16"
4124	12 Pt. Standard Socket	3/4"
4125	12 Pt. Standard Socket	25/32"
4126	12 Pt. Standard Socket	13/16"
4128	12 Pt. Standard Socket	7/8"
4129	12 Pt. Standard Socket	29/32"
4130	12 Pt. Standard Socket	15/16"
4132	12 Pt. Standard Socket	1"
4134	12 Pt. Standard Socket	1-1/16"
4136	12 Pt. Standard Socket	1-1/8"
4138	12 Pt. Standard Socket	1-3/16"
4140	12 Pt. Standard Socket	1-1/4"
4142	12 Pt. Standard Socket	1-5/16"
4144	12 Pt. Standard Socket	1-3/8"
4146	12 Pt. Standard Socket	1-7/16"
4148	12 Pt. Standard Socket	1-1/2"
42-12mm	Hex Bit Socket	12mm
42-14mm	Hex Bit Socket	14mm
42-17mm	Hex Bit Socket	17mm
4208	Hex Bit Socket	1/4"
4210	Hex Bit Socket	5/16"
4212	Hex Bit Socket	3/8"
4214	Hex Bit Socket	7/16"
4216	Hex Bit Socket	1/2"
4218	Hex Bit Socket	9/16"
4220	Hex Bit Socket	5/8"
4312	Special 8 Pt. Standard Socket	3/8"
4314	Special 8 Pt. Standard Socket	7/16"
4316	Special 8 Pt. Standard Socket	1/2"
4318	Special 8 Pt. Standard Socket	9/16"
4320	Special 8 Pt. Standard Socket	5/8"
4322	Special 8 Pt. Standard Socket	11/16"
4324	Special 8 Pt. Standard Socket	3/4"
4328	Special 8 Pt. Standard Socket	7/8"
4332	Special 8 Pt. Standard Socket	1"
4402	2" Extension	
4405	5" Extension	
4410	10" Extension	
4425	Ratchet - Long Handle	
4426	Ratchet, 10-1/2" Knurled Grip	
4427	Flex Head Ratchet	
4435	Flex Handle	
4443	Sliding T	
4445	Speeder	
4475	Universal	

Part No.	Description	Size
4478	Micro-Adjustable Torque Wrench, 30-250 Ft. Lbs.	
46-16mm	12 Pt. Deep Metric Socket	16mm
46-17mm	12 Pt. Deep Metric Socket	17mm
46-18mm	12 Pt. Deep Metric Socket	18mm
46-19mm	12 Pt. Deep Metric Socket	19mm
46-20mm	12 Pt. Deep Metric Socket	20mm
46-21mm	12 Pt. Deep Metric Socket	21mm
46-22mm	12 Pt. Deep Metric Socket	22mm
46-24mm	12 Pt. Deep Metric Socket	24mm
46-25mm	12 Pt. Deep Metric Socket	25mm
46-26mm	12 Pt. Deep Metric Socket	26mm
4616	12 Pt. Deep Socket	1/2"
4618	12 Pt. Deep Socket	9/16"
4620	12 Pt. Deep Socket	5/8"
4622	12 Pt. Deep Socket	11/16"
4624	12 Pt. Deep Socket	3/4"
4626	12 Pt. Deep Socket	13/16"
4628	12 Pt. Deep Socket	7/8"
4630	12 Pt. Deep Socket	15/16"
4632	12 Pt. Deep Socket	1"
4634	12 Pt. Deep Socket	1-1/16"
4636	12 Pt. Deep Socket	1-1/8"
4640	12 Pt. Deep Socket	1-1/4"
<b>3/4" DRIVE SOCKETS &amp; ATTACHMENTS</b>		
6128	12 Pt. Standard Socket	7/8"
6130	12 Pt. Standard Socket	15/16"
6132	12 Pt. Standard Socket	1"
6134	12 Pt. Standard Socket	1-1/16"
6136	12 Pt. Standard Socket	1-1/8"
6138	12 Pt. Standard Socket	1-3/16"
6140	12 Pt. Standard Socket	1-1/4"
6142	12 Pt. Standard Socket	1-5/16"
6144	12 Pt. Standard Socket	1-3/8"
6146	12 Pt. Standard Socket	1-7/16"
6148	12 Pt. Standard Socket	1-1/2"
6150	12 Pt. Standard Socket	1-9/16"
6152	12 Pt. Standard Socket	1-5/8"
6154	12 Pt. Standard Socket	1-11/16"
6156	12 Pt. Standard Socket	1-3/4"
6158	12 Pt. Standard Socket	1-13/16"
6160	12 Pt. Standard Socket	1-7/8"
6164	12 Pt. Standard Socket	2"
6168	12 Pt. Standard Socket	2-1/8"
6170	12 Pt. Standard Socket	2-3/16"
6172	12 Pt. Standard Socket	2-1/4"
6176	12 Pt. Standard Socket	2-3/8"
6400	Ratchet	
6403	3-1/2" Extension	
6408	8" Extension	
6416	16" Extension	
6435	Flex Handle	
6443	Sliding T	
6475	Universal	
<b>SERVICE TOOLS</b>		
787	Miniature Combination Wrench Set, 10 Pieces	
788	Miniature Metric Combination Wrench Set, 10 Pieces	
90404B	Deep Throat Forged Steel C-Clamp, Black Oxide, 4", 2 each	
9022	Rubber Mallet, 2-5/8" Head Dia. x 16-3/4" Length	
9023	Dead Blow Hammer with Super Grip, 1 Lb.	
9025	Dead Blow Hammer with Super Grip, 3 Lbs.	
9029	Brass Hammer with Super Grip, 2.5 Lbs.	
9040	Ball Peen Hammer, Fiberglass Handle, 8 Oz.	
9042	Ball Peen Hammer, Fiberglass Handle, 16 Oz.	
9045	Ball Peen Hammer, Fiberglass Handle, 32 Oz.	
9101	Phillips Screwdriver #2	
9103	Phillips Screwdriver #0 - 1-1/2"	
9104	Phillips Screwdriver #1 - 3"	
9105	Phillips Screwdriver #2 - 4"	
9106	Phillips Screwdriver #3 - 6"	
9107	Phillips Screwdriver #1 - 6"	
9108	Phillips Screwdriver #2 - 6"	



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.



# Mega Fractional/Metric Master Set



## Mega Fractional/Metric Master Set – 1/4", 3/8", 1/2" & 3/4" Drives - Sets No. 105 and 107 - (continued)

Part No.	Description	Part No.	Description
9109	Phillips Screwdriver #4 - 8"	9AC06	Adjustable Wrench, 6"
9112	Cabinet Tip Screwdriver, 1/8" - 3"	9AC08	Adjustable Wrench, 8"
9113	Cabinet Tip Screwdriver, 1/8" - 5"	9AC10	Adjustable Wrench, 10"
9114	Cabinet Tip Screwdriver, 3/16" - 3"	9AC12	Adjustable Wrench, 12"
9115	Cabinet Tip Screwdriver, 3/16" - 4"	9AC15	Adjustable Wrench, 15"
9117	Cabinet Tip Screwdriver, 3/16" - 8"	9C317	Long Nose Pliers w/Side Cutter, 7-1/2"
9122	Round Shank Screwdriver, 1/4" - 1-1/2"	9C326	Long Nose Pliers w/Side Cutter, 6"
9132	Square Shank Screwdriver, 1/4" - 4"	9C337	Pliers, Lap Joint
9133	Square Shank Screwdriver, 1/4" - 6"	9C348	Linesman Pliers, Round Nose, 8"
9134	Square Shank Screwdriver, 5/16" - 6"	9C357	Pliers, End Cutting
9135	Square Shank Standard Tip, 3/8" - 8"	9C386	Long Nose Pliers, Curved w/Serrated Jaws, 6"
9137	Square Standard Tip 3/8" - 12"	9C424	Tongue and Groove Pliers, 4-1/2"
9181	Two-in-One Flip Screwdriver w/Pocket Clip #1 Phillips and 5/32" Slotted Blades. OAL 4-3/4"	9C426	Tongue and Groove Pliers, 6-1/2"
9184	Offset Screwdriver, 5/16"	9C430	Tongue and Groove Pliers, 10"
9186	Offset Screwdriver, #1 x #2	9C436	Pliers, Box Joint
9220	Hollow Shaft Nut Driver, 3/16"	9C460	Tongue and Groove Pliers, 16"
9221	Hollow Shaft Nut Driver, 7/32"	9C526	Slip Joint Pliers Wire Cutting Shear, 6"
9222	Hollow Shaft Nut Driver, 1/4"	9C537	Slip Joint Pliers, 7"
9223	Hollow Shaft Nut Driver, 9/32"	9C718	Duck Bill Needle Nose, 7"
9224	Hollow Shaft Nut Driver, 5/16"	9E10113	Fractional L-Key Set, Short Arm in Tool Holder - 13 Pieces
9225	Hollow Shaft Nut Driver, 11/32"	9E10609	9-Piece Hex Torx® Key Set
9226	Hollow Shaft Nut Driver, 3/8"	9G95202	Screw Extractor Set - 5 Pieces
9227	Hollow Shaft Nut Driver, 7/16"	9H1265K	Snap Ring Plier Set - 3 Pieces
9228	Hollow Shaft Nut Driver, 1/2"	9M42007	Dominator Carbon Scraper, 1-1/2"
9229	Hollow Shaft Nut Driver, 9/16"	9M472	Pinch Bar, 3/4" x 24"
9230	Hollow Shaft Nut Driver, 5/8"	9M482	Rolling Head Pry Bar, 1/2" x 16"
9381	Ratcheting Box Wrench, 6 Pt., 1/4" x 5/16"	9M483	Rolling Head Pry Bar, 5/8" x 18"
9382	Ratcheting Box Wrench, 6 Pt., 3/8" x 7/16"	9P127S	Metal Cutting Snips - Straight, 7"
9383	Ratcheting Box Wrench, 6 Pt., 1/2" x 9/16"	9P6716L	Aviation Snips, Cuts Left, Red, 10"
9384	Ratcheting Box Wrench, 12 Pt., 5/8" x 11/16"	9R31010	RIDGID Pipe Wrench, 10"
9386	Ratcheting Box Wrench, 12 Pt., 3/4" x 7/16"	9R31020	RIDGID Pipe Wrench, 14"
9416	Metric Ratcheting Box Wrench, 6 Pt. Rev., 7mm x 8mm	9R31025	RIDGID Pipe Wrench, 18"
9417	Metric Ratcheting Box Wrench, 6 Pt. Rev., 9mm x 10mm	9V10CR	Curved Jaw Locking Pliers, 10"
9418	Metric Ratcheting Box Wrench, 6 Pt., 11mm x 12mm	9V20R	Locking Chain Clamp RIDGID Pipe Wrench, 11"
9419	Metric Ratcheting Box Wrench, 6 Pt., 13mm x 14mm	9V6LN	Long Nose Locking Pliers, 6"
9421	Metric Ratcheting Box Wrench, 12 Pt., 15mm x 17mm	9V7R	Straight Jaw Locking Pliers, 7"
9471	Stripper/Crimper/Cutter, 10-20 AWG		
9488	Flexible Scraper Blade, 1-1/4"		
9507	Tape Measure, 3/4" x 16'		
9523	Hacksaw		
9526	Utility Knife		
9535	Magnetic Pick-up Tool		
9538	Center Punch, 3/8" x 5"		
9539	Center Punch, 1/2" x 6"		
9553	Starter Punch, 1/8" x 5"		
9555	Starter Punch, 5/32" x 6"		
9556	Starter Punch, 3/16" x 5"		
9557	Starter Punch, 1/4" x 5"		
9558	Starter Punch, 5/16" x 6"		
9563	Prick Punch, 5/16" x 4-1/4"		
9576	Punch Bar, 5/8" x 18"		
9581	Line-Up Punch, 1/8" x 8"		
9583	Line-Up Punch, 3/16" x 10"		
9584	Line-Up Punch, 1/4" x 12"		
9591	Pin Punch, 3/32" x 4-1/2"		
9592	Pin Punch, 1/8" x 4-3/4"		
9593	Pin Punch, 5/32" x 5"		
9594	Pin Punch, 3/16" x 5-1/4"		
9595	Pin Punch, 7/32" x 5-1/2"		
9596	Pin Punch, 1/4" x 5-3/4"		
9600	Cold Chisel, 1/4" x 5"		
9601	Cold Chisel, 5/16" x 5"		
9602	Cold Chisel, 3/8" x 5-1/2"		
9603	Cold Chisel, 1/2" x 6"		
9604	Cold Chisel, 5/8" x 6-1/2"		
9605	Cold Chisel, 3/4" x 7"		
9606	Cold Chisel, 7/8" x 7-1/2"		
9607	Cold Chisel, 1" x 8"		
9609	Cold Chisel, 3/4" x 12"		
9685	Punch & Chisel Holder		
9702	Rectangular Inspection Mirror, 2-1/8" x 3-1/2", 11-1/2" x 15-1/2" Long		

CONTENTS OF MASTER SETS



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.



## Master Fractional/Metric Set – 1/4", 3/8", 1/2" & 3/4" Drives

### Set No. 112

281 Pieces Including WT804 Twelve Drawer Chest & WT896 Eleven Drawer Roller Cabinet

### Set No. 113

279 Pieces  
(Tools Only - Cabinets Not Included)

See Page 15 for photograph.

CONTENTS OF MASTER SETS

Part No.	Description	Size	Part No.	Description	Size	Part No.	Description	Size
<b>FLAT WRENCHES</b>								
1012	3/8" Drive Crowfoot Wrench	3/8"	2510	6 Pt. Deep Socket	5/16"	3427	Flex Head Ratchet, 9-11/16" Knurled Steel Grip	
1014	3/8" Drive Crowfoot Wrench	7/16"	2511	6 Pt. Deep Socket	11/32"	3435	Flex Handle	
1016	3/8" Drive Crowfoot Wrench	1/2"	2512	6 Pt. Deep Socket	3/8"	3443	Sliding T	
1018	3/8" Drive Crowfoot Wrench	9/16"	2514	6 Pt. Deep Socket	7/16"	3445	Speeder, 14-1/2"	
1020	3/8" Drive Crowfoot Wrench	5/8"	2516	6 Pt. Deep Socket	1/2"	3452	Adaptor, 3/8" F x 1/4" M	
1022	3/8" Drive Crowfoot Wrench	11/16"	2402	2" Extension		3454	Adaptor, 3/8" F x 1/2" M	
1024	3/8" Drive Crowfoot Wrench	3/4"	2406	6" Extension		3475	Universal	
1026	3/8" Drive Crowfoot Wrench	13/16"	2435	Flex Handle		3508	6 Pt. Deep Socket	1/4"
1028	3/8" Drive Crowfoot Wrench	7/8"	2441	Spinner		3510	6 Pt. Deep Socket	5/16"
1032	3/8" Drive Crowfoot Wrench	1"	2492	Ratchet, 5-1/4"		3512	6 Pt. Deep Socket	3/8"
11-07mm	Metric Combination Wrench, 12 Pt.	7mm	<b>3/8" DRIVE SOCKETS &amp; ATTACHMENTS</b>			3514	6 Pt. Deep Socket	7/16"
11-08mm	Metric Combination Wrench, 12 Pt.	8mm	3008	6 Pt. Standard Socket	1/4"	3516	6 Pt. Deep Socket	1/2"
11-09mm	Metric Combination Wrench, 12 Pt.	9mm	3010	6 Pt. Standard Socket	5/16"	3518	6 Pt. Deep Socket	9/16"
11-10mm	Metric Combination Wrench, 12 Pt.	10mm	3012	6 Pt. Standard Socket	3/8"	3520	6 Pt. Deep Socket	5/8"
11-11mm	Metric Combination Wrench, 12 Pt.	11mm	3014	6 Pt. Standard Socket	7/16"	3522	6 Pt. Deep Socket	11/16"
11-12mm	Metric Combination Wrench, 12 Pt.	12mm	3016	6 Pt. Standard Socket	1/2"	3524	6 Pt. Deep Socket	3/4"
11-13mm	Metric Combination Wrench, 12 Pt.	13mm	3018	6 Pt. Standard Socket	9/16"	3526	6 Pt. Deep Socket	13/16"
11-14mm	Metric Combination Wrench, 12 Pt.	14mm	30-06mm	6 Pt. Standard Metric Socket	6mm	3528	6 Pt. Deep Socket	7/8"
11-15mm	Metric Combination Wrench, 12 Pt.	15mm	30-07mm	6 Pt. Standard Metric Socket	7mm	3530	6 Pt. Deep Socket	15/16"
11-16mm	Metric Combination Wrench, 12 Pt.	16mm	30-08mm	6 Pt. Standard Metric Socket	8mm	3532	6 Pt. Deep Socket	1"
11-17mm	Metric Combination Wrench, 12 Pt.	17mm	30-09mm	6 Pt. Standard Metric Socket	9mm	35-06mm	6 Pt. Deep Metric Socket	6mm
11-18mm	Metric Combination Wrench, 12 Pt.	18mm	30-10mm	6 Pt. Standard Metric Socket	10mm	35-07mm	6 Pt. Deep Metric Socket	7mm
11-19mm	Metric Combination Wrench, 12 Pt.	19mm	30-11mm	6 Pt. Standard Metric Socket	11mm	35-08mm	6 Pt. Deep Metric Socket	8mm
1108	Combination Wrench, 12 Pt.	1/4"	30-12mm	6 Pt. Standard Metric Socket	12mm	35-09mm	6 Pt. Deep Metric Socket	9mm
1110	Combination Wrench, 12 Pt.	5/16"	30-13mm	6 Pt. Standard Metric Socket	13mm	35-10mm	6 Pt. Deep Metric Socket	10mm
1112	Combination Wrench, 12 Pt.	3/8"	30-14mm	6 Pt. Standard Metric Socket	14mm	35-11mm	6 Pt. Deep Metric Socket	11mm
1114	Combination Wrench, 12 Pt.	7/16"	30-15mm	6 Pt. Standard Metric Socket	15mm	35-12mm	6 Pt. Deep Metric Socket	12mm
1116	Combination Wrench, 12 Pt.	1/2"	30-16mm	6 Pt. Standard Metric Socket	16mm	35-13mm	6 Pt. Deep Metric Socket	13mm
1118	Combination Wrench, 12 Pt.	9/16"	30-17mm	6 Pt. Standard Metric Socket	17mm	35-14mm	6 Pt. Deep Metric Socket	14mm
1120	Combination Wrench, 12 Pt.	5/8"	30-18mm	6 Pt. Standard Metric Socket	18mm	35-15mm	6 Pt. Deep Metric Socket	15mm
1122	Combination Wrench, 12 Pt.	11/16"	30-19mm	6 Pt. Standard Metric Socket	19mm	35-16mm	6 Pt. Deep Metric Socket	16mm
1124	Combination Wrench, 12 Pt.	3/4"	3120	12 Pt. Standard Socket	5/8"	35-17mm	6 Pt. Deep Metric Socket	17mm
1126	Combination Wrench, 12 Pt.	13/16"	3122	12 Pt. Standard Socket	11/16"	35-18mm	6 Pt. Deep Metric Socket	18mm
1128	Combination Wrench, 12 Pt.	7/8"	3124	12 Pt. Standard Socket	3/4"	35-19mm	6 Pt. Deep Metric Socket	19mm
1130	Combination Wrench, 12 Pt.	15/16"	3126	12 Pt. Standard Socket	13/16"	3712	12 Pt. Flex Socket	3/8"
1132	Combination Wrench, 12 Pt.	1"	3128	12 Pt. Standard Socket	7/8"	3714	12 Pt. Flex Socket	7/16"
1134	Combination Wrench, 12 Pt.	1-1/16"	3130	12 Pt. Standard Socket	15/16"	3716	12 Pt. Flex Socket	1/2"
1136	Combination Wrench, 12 Pt.	1-1/8"	3132	12 Pt. Standard Socket	1"	3718	12 Pt. Flex Socket	9/16"
1140	Combination Wrench, 12 Pt.	1-1/4"	32-02mm	Metric Hex Bit Socket	2mm	3720	12 Pt. Flex Socket	5/8"
1310	Open End Wrench	1/4" x 5/16"	32-02.5mm	Metric Hex Bit Socket	2.5mm	3722	12 Pt. Flex Socket	11/16"
1314	Open End Wrench	3/8" x 7/16"	32-03mm	Metric Hex Bit Socket	3mm	3724	12 Pt. Flex Socket	3/4"
1318	Open End Wrench	1/2" x 9/16"	32-04mm	Metric Hex Bit Socket	4mm	<b>1/2" DRIVE SOCKETS &amp; ATTACHMENTS</b>		
1322	Open End Wrench	5/8" x 11/16"	32-05mm	Metric Hex Bit Socket	5mm	4112	12 Pt. Standard Socket	3/8"
1326	Open End Wrench	3/4" x 13/16"	32-06mm	Metric Hex Bit Socket	6mm	4114	12 Pt. Standard Socket	7/16"
1330	Open End Wrench	7/8" x 15/16"	32-07mm	Metric Hex Bit Socket	7mm	4116	12 Pt. Standard Socket	1/2"
<b>1/4" DRIVE SOCKETS &amp; ATTACHMENTS</b>			32-08mm	Metric Hex Bit Socket	8mm	4118	12 Pt. Standard Socket	9/16"
2005	6 Pt. Standard Socket	5/32"	32-10mm	Metric Hex Bit Socket	10mm	4120	12 Pt. Standard Socket	5/8"
2006	6 Pt. Standard Socket	3/16"	3204	Hex Bit Socket	1/8"	4122	12 Pt. Standard Socket	11/16"
2007	6 Pt. Standard Socket	7/32"	3205	Hex Bit Socket	5/32"	4124	12 Pt. Standard Socket	3/4"
2008	6 Pt. Standard Socket	1/4"	3206	Hex Bit Socket	3/16"	4126	12 Pt. Standard Socket	13/16"
2009	6 Pt. Standard Socket	9/32"	3207	Hex Bit Socket	7/32"	4128	12 Pt. Standard Socket	7/8"
2010	6 Pt. Standard Socket	5/16"	3208	Hex Bit Socket	1/4"	4130	12 Pt. Standard Socket	15/16"
2011	6 Pt. Standard Socket	11/32"	3210	Hex Bit Socket	5/16"	4132	12 Pt. Standard Socket	1"
2012	6 Pt. Standard Socket	3/8"	3212	Hex Bit Socket	3/8"	4134	12 Pt. Standard Socket	1-1/16"
2014	6 Pt. Standard Socket	7/16"	3260	Standard Screwdriver Socket with Bit	1/4"	4136	12 Pt. Standard Socket	1-1/8"
2016	6 Pt. Standard Socket	1/2"	3262	Standard Screwdriver Socket with Bit	3/8"	4140	12 Pt. Standard Socket	1-1/4"
2308	Special 8 Pt. Standard Socket	1/4"	3266	Phillips Screwdriver Socket with Bit	#2	4405	5" Extension	
2310	Special 8 Pt. Standard Socket	5/16"	3267	Phillips Screwdriver Socket with Bit	#3	4410	10" Extension	
2312	Special 8 Pt. Standard Socket	3/8"	3268	Phillips Screwdriver Socket with Bit	#4	4420	20" Extension	
2506	6 Pt. Deep Socket	3/16"	3403	3" Extension		4426	Ratchet, 10-1/2" Series 400, Knurled Grip	
2508	6 Pt. Deep Socket	1/4"	3405	5" Extension		4435	Flex Handle	
2509	6 Pt. Deep Socket	9/32"	3412	12" Extension		4445	Speeder	
			3426	Ratchet, 7" Contour Grip		4453	Adaptor, 1/2" F x 3/8" M	



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.





## Master Fractional/MetricSet – 1/4", 3/8", 1/2" & 3/4" Drives - Sets No. 112 and 113 - (continued)

Part No.	Description	Size
4475	Universal	
4612	12 Pt. Deep Socket	3/8"
4614	12 Pt. Deep Socket	7/16"
4616	12 Pt. Deep Socket	1/2"
4618	12 Pt. Deep Socket	9/16"
4620	12 Pt. Deep Socket	5/8"
4622	12 Pt. Deep Socket	11/16"
4624	12 Pt. Deep Socket	3/4"
4626	12 Pt. Deep Socket	13/16"
4628	12 Pt. Deep Socket	7/8"
4630	12 Pt. Deep Socket	15/16"
4632	12 Pt. Deep Socket	1"
4634	12 Pt. Deep Socket	1-1/16"
4636	12 Pt. Deep Socket	1-1/8"
4638	12 Pt. Deep Socket	1-3/16"
4640	12 Pt. Deep Socket	1-1/4"
<b>3/4" DRIVE SOCKETS &amp; ATTACHMENTS</b>		
6128	12 Pt. Standard Socket	7/8"
6130	12 Pt. Standard Socket	15/16"
6132	12 Pt. Standard Socket	1"
6134	12 Pt. Standard Socket	1-1/16"
6136	12 Pt. Standard Socket	1-1/8"
6140	12 Pt. Standard Socket	1-1/4"
6142	12 Pt. Standard Socket	1-5/16"
6144	12 Pt. Standard Socket	1-3/8"
6146	12 Pt. Standard Socket	1-7/16"
6148	12 Pt. Standard Socket	1-1/2"
6152	12 Pt. Standard Socket	1-5/8"
6154	12 Pt. Standard Socket	1-11/16"
6156	12 Pt. Standard Socket	1-3/4"
6158	12 Pt. Standard Socket	1-13/16"
6160	12 Pt. Standard Socket	1-7/8"
6164	12 Pt. Standard Socket	2"
6400	Ratchet	
6408	8" Extension	
6435	Flex Handle	
<b>SERVICE TOOLS</b>		
787	Miniature Combination Wrench Set, 10 Pieces	
798	Miniature Combination Wrench Set, 7/32" - 7/16", 8 Pieces	
9030	Soft Face Hammer	
9042	Ball Peen Hammer, Fiberglass Handle, 16 Oz.	
9105	Phillips Screwdriver #2 - 4"	
9106	Phillips Screwdriver #3 - 6"	
9123	Round Shank Screwdriver, 1/4" - 4"	
9125	Round Shank Screwdriver, 5/16" - 6"	
9126	Round Shank Screwdriver, 3/8" - 8"	
9132	Square Shank Screwdriver, 1/4" - 4"	
9134	Square Shank Screwdriver, 5/16" - 6"	
9136	Square Shank Screwdriver, 3/8" - 10"	
9181	Two-in-One Flip Screwdriver w/Pocket Clip #1 Phillips and 5/32" Slotted Blades. OAL 4-3/4"	
9184	Offset Screwdriver, 5/16"	
9186	Offset Screwdriver, #1 x #2	
9523	Hacksaw	
9536	Center Punch, 1/4"	
9556	Starter Punch, 3/16" x 5"	
9576	Punch Bar, 5/8" x 18"	
9594	Pin Punch, 3/16" x 5-1/4"	
9602	Cold Chisel, 3/8" x 5-1/2"	
9604	Cold Chisel, 5/8" x 6-1/2"	
9685	Punch & Chisel Holder	
9702	Rectangular Inspection Mirror, 2-1/8" x 3-1/2"	
9AC10	Adjustable Wrench, Chrome, 10"	
9C326	Long Nose Pliers w/Side Cutter, 6"	
9C430	Tongue and Groove Pliers, (Channellock #430G), 10"	
9C437	Pliers, Box Joint (Channellock #326G), 6"	
9C526	Slip Joint Pliers Wire Cutting Shear, (Channellock #526G), 6"	
9E98010	Hex Key Set, Short Arm - 13 Pieces 11-1/2" x 15-1/2" Long	



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.



## Master Maintenance Set – 1/4", 3/8" & 1/2" Drives

### Set No. 121

372 Pieces Including WT804 Twelve Drawer Chest  
& WT896 Eleven Drawer Roller Cabinet

See Page 16 for photograph.

### Set No. 122

370 Pieces  
(Tools Only - Cabinets Not Included)

Part No.	Description	Size	Part No.	Description	Size	Part No.	Description	Size
<b>FLAT WRENCHES</b>			<b>3/8" DRIVE SOCKETS &amp; ATTACHMENTS</b>			<b>1/2" DRIVE SOCKETS &amp; ATTACHMENTS</b>		
1012	3/8" Drive Crowfoot Wrench	3/8"	3108	12 Pt. Standard Socket	1/4"	4112	12 Pt. Standard Socket	3/8"
1014	3/8" Drive Crowfoot Wrench	7/16"	3110	12 Pt. Standard Socket	5/16"	4114	12 Pt. Standard Socket	7/16"
1016	3/8" Drive Crowfoot Wrench	1/2"	3112	12 Pt. Standard Socket	3/8"	4116	12 Pt. Standard Socket	1/2"
1018	3/8" Drive Crowfoot Wrench	9/16"	3114	12 Pt. Standard Socket	7/16"	4118	12 Pt. Standard Socket	9/16"
1020	3/8" Drive Crowfoot Wrench	5/8"	3116	12 Pt. Standard Socket	1/2"	4119	12 Pt. Standard Socket	19/32"
1022	3/8" Drive Crowfoot Wrench	11/16"	3118	12 Pt. Standard Socket	9/16"	4120	12 Pt. Standard Socket	5/8"
1024	3/8" Drive Crowfoot Wrench	3/4"	3120	12 Pt. Standard Socket	5/8"	4122	12 Pt. Standard Socket	11/16"
1026	3/8" Drive Crowfoot Wrench	13/16"	3122	12 Pt. Standard Socket	11/16"	4124	12 Pt. Standard Socket	3/4"
1028	3/8" Drive Crowfoot Wrench	7/8"	3124	12 Pt. Standard Socket	3/4"	4125	12 Pt. Standard Socket	25/32"
1040	Combination Open End Flare Nut Wrench	3/8"	3126	12 Pt. Standard Socket	13/16"	4126	12 Pt. Standard Socket	13/16"
1042	Combination Open End Flare Nut Wrench	7/16"	3128	12 Pt. Standard Socket	7/8"	4128	12 Pt. Standard Socket	7/8"
1044	Combination Open End Flare Nut Wrench	1/2"						
1046	Combination Open End Flare Nut Wrench	9/16"						
1048	Combination Open End Flare Nut Wrench	5/8"						
1050	Combination Open End Flare Nut Wrench	11/16"						
1052	Combination Open End Flare Nut Wrench	3/4"						
1110	Combination Wrench, 12 Pt.	5/16"						
1112	Combination Wrench, 12 Pt.	3/8"						
1114	Combination Wrench, 12 Pt.	7/16"						
1116	Combination Wrench, 12 Pt.	1/2"						
1118	Combination Wrench, 12 Pt.	9/16"						
1120	Combination Wrench, 12 Pt.	5/8"						
1122	Combination Wrench, 12 Pt.	11/16"						
1124	Combination Wrench, 12 Pt.	3/4"						
1126	Combination Wrench, 12 Pt.	13/16"						
1128	Combination Wrench, 12 Pt.	7/8"						
1130	Combination Wrench, 12 Pt.	15/16"						
1132	Combination Wrench, 12 Pt.	1"						
1134	Combination Wrench, 12 Pt.	1-1/16"						
1136	Combination Wrench, 12 Pt.	1-1/8"						
1140	Combination Wrench, 12 Pt.	1-1/4"						
1310	Open End Wrench	1/4" x 5/16"						
1312	Open End Wrench	5/16" x 3/8"						
1316	Open End Wrench	7/16" x 1/2"						
1318	Open End Wrench	1/2" x 9/16"						
1320	Open End Wrench	9/16" x 5/8"						
1324	Open End Wrench	5/8" x 3/4"						
1325	Open End Wrench	11/16" x 3/4"						
1329	Open End Wrench	13/16" x 7/8"						
1332	Open End Wrench	15/16" x 1"						
1336	Open End Wrench	1-1/16" x 1-1/8"						
1642	Ratcheting Flare Nut Wrench	3/8"						
1644	Ratcheting Flare Nut Wrench	7/16"						
1646	Ratcheting Flare Nut Wrench	1/2"						
1648	Ratcheting Flare Nut Wrench	9/16"						
1650	Ratcheting Flare Nut Wrench	5/8"						
1652	Ratcheting Flare Nut Wrench	11/16"						
1654	Ratcheting Flare Nut Wrench	3/4"						
51012	12 Pt. Box Wrench - Modified Offset	5/16" x 3/8"						
51214	12 Pt. Box Wrench - Modified Offset	3/8" x 7/16"						
51416	12 Pt. Box Wrench - Modified Offset	7/16" x 1/2"						
51618	12 Pt. Box Wrench - Modified Offset	1/2" x 9/16"						
51820	12 Pt. Box Wrench - Modified Offset	9/16" x 5/8"						
52024	12 Pt. Box Wrench - Modified Offset	5/8" x 3/4"						
52224	12 Pt. Box Wrench - Modified Offset	11/16" x 3/4"						
52628	12 Pt. Box Wrench - Modified Offset	13/16" x 7/8"						
53032	12 Pt. Box Wrench - Modified Offset	15/16" x 1"						
53436	12 Pt. Box Wrench - Modified Offset	1-1/16" x 1-1/8"						





## Master Maintenance Set – 1/4", 3/8" & 1/2" Drives - Sets No. 121 and 122 - (continued)

Part No.	Description	Size	Part No.	Description	Part No.	Description
4129	12 Pt. Standard Socket	29/32"	9115	Cabinet Tip Screwdriver, 3/16" - 4"	9C436	Pliers, Box Joint
4130	12 Pt. Standard Socket	15/16"	9117	Cabinet Tip Screwdriver, 3/16" - 8"	9C526	Slip Joint Pliers Wire Cutting Shear, 6"
4132	12 Pt. Standard Socket	1"	9122	Round Shank Screwdriver, 1/4" - 1-1/2"	9C537	Slip Joint Pliers, 16"
4134	12 Pt. Standard Socket	1-1/16"	9132	Square Shank Screwdriver, 1/4" - 4"	9C718	Duck Bill Needle Nose, 7"
4136	12 Pt. Standard Socket	1-1/8"	9134	Square Shank Screwdriver, 5/16" - 6"	9E10113	Fractional L-Key Set, Short Arm in Tool Holder - 13 Pieces
4138	12 Pt. Standard Socket	1-3/16"	9135	Square Shank Standard Tip, 3/8" - 8"	9G85101	Screw Extractor, #1
4140	12 Pt. Standard Socket	1-1/4"	9137	Square Standard Tip 3/8" - 12"	9G85102	Screw Extractor, #2
4142	12 Pt. Standard Socket	1-5/16"	9181	Two-in-One Flip Screwdriver w/Pocket Clip #1 Phillips and 5/32" Slotted Blades. OAL 4-3/4"	9G85103	Screw Extractor, #3
4144	12 Pt. Standard Socket	1-3/8"	9184	Offset Screwdriver, 5/16"	9G85104	Screw Extractor, #4
4146	12 Pt. Standard Socket	1-7/16"	9186	Offset Screwdriver, #1 x #2	9G85105	Screw Extractor, #5
4148	12 Pt. Standard Socket	1-1/2"	9220	Hollow Shaft Nut Driver, 3/16"	9H1221S	Retaining Ring Plier w/Adjustable Stop
4208	Hex Bit Socket	1/4"	9221	Hollow Shaft Nut Driver, 7/32"	9H1234	Retaining Ring Plier w/Replaceable Tips
4210	Hex Bit Socket	5/16"	9222	Hollow Shaft Nut Driver, 1/4"	9M472	Pinch Bar, 3/4" x 24"
4212	Hex Bit Socket	3/8"	9223	Hollow Shaft Nut Driver, 9/32"	9M482	Rolling Head Pry Bar, 1/2" x 16"
4214	Hex Bit Socket	7/16"	9224	Hollow Shaft Nut Driver, 5/16"	9M483	Rolling Head Pry Bar, 5/8" x 18"
4216	Hex Bit Socket	1/2"	9225	Hollow Shaft Nut Driver, 11/32"	9P6716S	Aviation Snips, Cuts Straight, Yellow, 10"
4218	Hex Bit Socket	9/16"	9226	Hollow Shaft Nut Driver, 3/8"	9V10CR	Curved Jaw Locking Pliers, 10"
4220	Hex Bit Socket	5/8"	9227	Hollow Shaft Nut Driver, 7/16"	9V6LN	Long Nose Locking Pliers, w/Wire Cutter, 6"
4312	Special 8 Pt. Standard Socket	3/8"	9228	Hollow Shaft Nut Driver, 1/2"	9V7R	Straight Jaw Locking Pliers
4314	Special 8 Pt. Standard Socket	7/16"	9229	Hollow Shaft Nut Driver, 9/16"	9P127S	Metal Cutting Snips, Straight - 10"
4316	Special 8 Pt. Standard Socket	1/2"	9230	Hollow Shaft Nut Driver, 5/8"		
4318	Special 8 Pt. Standard Socket	9/16"	9381	Ratcheting Box Wrench, 6 Pt., 1/4" x 5/16"		
4320	Special 8 Pt. Standard Socket	5/8"	9382	Ratcheting Box Wrench, 6 Pt., 3/8" x 7/16"		
4322	Special 8 Pt. Standard Socket	11/16"	9383	Ratcheting Box Wrench, 6 Pt., 1/2" x 9/16"		
4324	Special 8 Pt. Standard Socket	3/4"	9384	Ratcheting Box Wrench, 12 Pt., 5/8" x 11/16"		
4326	Special 8 Pt. Standard Socket	13/16"	9386	Ratcheting Box Wrench, 12 Pt., 3/4" x 7/16"		
4328	Special 8 Pt. Standard Socket	7/8"	9R31005	RIDGID Pipe Wrench, 8"		
4332	Special 8 Pt. Standard Socket	1"	9R31010	RIDGID Pipe Wrench, 10"		
4402	2" Extension		9R31020	RIDGID Pipe Wrench, 14"		
4405	5" Extension		9471	Stripper/Crimper/Cutter, 10-20 AWG		
4410	10" Extension		9488	Flexible Scraper Blade, 1-1/4"		
4425	Ratchet - Long Handle		9507	Tape Measure, 3/4" x 16'		
4426	Ratchet		9523	Hacksaw		
4427	Flex Head Ratchet		9526	Utility Knife		
4435	Flex Handle		9535	Magnetic Pick-up Tool		
4443	Sliding T		9537	Center Punch, 1/4" x 3-1/2"		
4445	Speeder		9538	Center Punch, 3/8" x 5"		
4475	Universal		9539	Center Punch, 1/2" x 6"		
4477	Micro-Adjustable Metal Handle Torque Wrench		9557	Starier Punch, 1/4" x 5"		
4616	12 Pt. Deep Socket	1/2"	9563	Prick Punch, 5/16" x 4-1/4"		
4618	12 Pt. Deep Socket	9/16"	9576	Punch Bar, 5/8" x 18"		
4620	12 Pt. Deep Socket	5/8"	9581	Line-Up Punch, 1/8" x 8"		
4622	12 Pt. Deep Socket	11/16"	9583	Line-Up Punch, 3/16" x 10"		
4624	12 Pt. Deep Socket	3/4"	9584	Line-Up Punch, 1/4" x 12"		
4626	12 Pt. Deep Socket	13/16"	9592	Pin Punch, 1/8" x 4-3/4"		
4628	12 Pt. Deep Socket	7/8"	9593	Pin Punch, 5/32" x 5"		
4630	12 Pt. Deep Socket	15/16"	9594	Pin Punch, 3/16" x 5-1/4"		
4632	12 Pt. Deep Socket	1"	9595	Pin Punch, 7/32" x 5-1/2"		
4634	12 Pt. Deep Socket	1-1/16"	9596	Pin Punch, 1/4" x 5-3/4"		
4636	12 Pt. Deep Socket	1-1/8"	9600	Cold Chisel, 1/4" x 5"		
4640	12 Pt. Deep Socket	1-1/4"	9601	Cold Chisel, 5/16" x 5"		
			9603	Cold Chisel, 1/2" x 6"		
			9604	Cold Chisel, 5/8" x 6-1/2"		
			9605	Cold Chisel, 3/4" x 7"		
			9606	Cold Chisel, 7/8" x 7-1/2"		
			9607	Cold Chisel, 1" x 8"		
			9685	Punch & Chisel Holder		
			9702	Rectangular Inspection Mirror, 2-1/8" x 3-1/2", 11-1/2" x 15-1/2" Long		
			9AC06	Adjustable Wrench, 6"		
			9AC08	Adjustable Wrench, 8"		
			9AC10	Adjustable Wrench, 10"		
			9AC12	Adjustable Wrench, 12"		
			9C317	Long Nose Pliers w/Side Cutter, 7-1/2"		
			9C337	Pliers, Lap Joint		
			9C349	Linesmen Pliers - Wiremaster		
			9C357	Pliers, End Cutting		
			9C386	Long Nose Pliers, Curved w/Serrated Jaws, 6"		
			9C420	Tongue and Groove Pliers, 9-1/2"		
			9C424	Tongue and Groove Pliers, 4-1/2"		
			9C426	Tongue and Groove Pliers, 6-1/2"		
<b>SERVICE TOOLS</b>						
787	Miniature Combination Wrench Set, 10 Pieces					
798	Miniature Open End Wrench Set, 9 Pieces					
9022	Rubber Mallet, 2-5/8" Head Dia. x 16-3/4" Length					
9023	Dead Blow Hammer with Super Grip, 1 Lb.					
9040	Ball Peen Hammer, Fiberglass Handle, 8 Oz.					
9042	Ball Peen Hammer, Fiberglass Handle, 16 Oz.					
9045	Ball Peen Hammer, Fiberglass Handle, 32 Oz.					
90404B (2)	Deep Throat Forged Steel C-Clamp, Black Oxide, 4"					
9101	Phillips Screwdriver #2 - 1-1/2"					
9103	Phillips Screwdriver #0 - 1-1/2"					
9104	Phillips Screwdriver #1 - 3"					
9105	Phillips Screwdriver #2 - 4"					
9106	Phillips Screwdriver #3 - 6"					
9107	Phillips Screwdriver #1 - 6"					
9108	Phillips Screwdriver #2 - 6"					
9109	Phillips Screwdriver #4 - 8"					
9112	Cabinet Tip Screwdriver, 1/8" - 3"					
9113	Cabinet Tip Screwdriver, 1/8" - 5"					
9114	Cabinet Tip Screwdriver, 3/16" - 3"					



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.

## Intermediate Set – 1/4", 3/8", 1/2" & 3/4" Drives

### Set No. 125

256 Pieces Including WT796  
Eight Drawer Roller Cabinet

See Page 17 for photograph.

### Set No. 126

255 Pieces  
(Tools Only - Cabinet Not Included)

Part No.	Description	Size
<b>FLAT WRENCHES</b>		
1040	Combination Open End Flare Nut Wrench	3/8"
1042	Combination Open End Flare Nut Wrench	7/16"
1044	Combination Open End Flare Nut Wrench	1/2"
1046	Combination Open End Flare Nut Wrench	9/16"
1048	Combination Open End Flare Nut Wrench	5/8"
1050	Combination Open End Flare Nut Wrench	11/16"
1052	Combination Open End Flare Nut Wrench	3/4"
1110	Combination Wrench, 12 Pt.	5/16"
1112	Combination Wrench, 12 Pt.	3/8"
1114	Combination Wrench, 12 Pt.	7/16"
1116	Combination Wrench, 12 Pt.	1/2"
1118	Combination Wrench, 12 Pt.	9/16"
1120	Combination Wrench, 12 Pt.	5/8"
1122	Combination Wrench, 12 Pt.	11/16"
1124	Combination Wrench, 12 Pt.	3/4"
1126	Combination Wrench, 12 Pt.	13/16"
1128	Combination Wrench, 12 Pt.	7/8"
1130	Combination Wrench, 12 Pt.	15/16"
1132	Combination Wrench, 12 Pt.	1"
1134	Combination Wrench, 12 Pt.	1-1/16"
1136	Combination Wrench, 12 Pt.	1-1/8"
1140	Combination Wrench, 12 Pt.	1-1/4"
1142	Combination Wrench, 12 Pt.	1-5/16"
1144	Combination Wrench, 12 Pt.	1-3/8"
1146	Combination Wrench, 12 Pt.	1-7/16"
1148	Combination Wrench, 12 Pt.	1-1/2"
1310	Open End Wrench	1/4" x 5/16"
1312	Open End Wrench	3/8" x 5/16"
1316	Open End Wrench	7/8" x 1/2"
1318	Open End Wrench	1/2" x 9/16"
1320	Open End Wrench	9/16" x 5/8"
1324	Open End Wrench	5/8" x 3/4"
1325	Open End Wrench	11/16" x 3/4"
1329	Open End Wrench	13/16" x 7/8"
1332	Open End Wrench	15/16" x 1"
1336	Open End Wrench	1-1/16" x 1-1/8"
51214	12 Pt. Box Wrench - Modified Offset	3/8" x 7/16"
51618	12 Pt. Box Wrench - Modified Offset	1/2" x 9/16"
52022	12 Pt. Box Wrench - Modified Offset	5/8" x 11/16"
52426	12 Pt. Box Wrench - Modified Offset	3/4" x 13/16"
<b>1/4" DRIVE SOCKETS &amp; ATTACHMENTS</b>		
2006	6 Pt. Standard Socket	3/16"
2007	6 Pt. Standard Socket	7/32"
2008	6 Pt. Standard Socket	1/4"
2009	6 Pt. Standard Socket	9/32"
2010	6 Pt. Standard Socket	5/16"
2011	6 Pt. Standard Socket	11/32"
2012	6 Pt. Standard Socket	3/8"
2014	6 Pt. Standard Socket	7/16"
2016	6 Pt. Standard Socket	1/2"
2118	12 Pt. Standard Socket	9/16"
2402	2" Extension	
2406	6" Extension	
2426	Ratchet, 4-3/4"	
2435	Flex Handle	
2442	Spinner w/female end	
2475	Universal Joint	
2492	Ratchet, 5-1/4"	
2506	6 Pt. Deep Socket	3/16"
2507	6 Pt. Deep Socket	7/32"
2508	6 Pt. Deep Socket	1/4"

Part No.	Description	Size
2509	6 Pt. Deep Socket	9/32"
2510	6 Pt. Deep Socket	5/16"
2511	6 Pt. Deep Socket	11/32"
2512	6 Pt. Deep Socket	3/8"
2514	6 Pt. Deep Socket	7/16"
2516	6 Pt. Deep Socket	1/2"
2618	12 Pt. Deep Socket	9/16"
<b>3/8" DRIVE SOCKETS &amp; ATTACHMENTS</b>		
3112	12 Pt. Standard Socket	3/8"
3114	12 Pt. Standard Socket	7/16"
3116	12 Pt. Standard Socket	1/2"
3118	12 Pt. Standard Socket	9/16"
3120	12 Pt. Standard Socket	5/8"
3122	12 Pt. Standard Socket	11/16"
3124	12 Pt. Standard Socket	3/4"
3126	12 Pt. Standard Socket	13/16"
3128	12 Pt. Standard Socket	7/8"
3204	Hex Bit Socket	1/8"
3205	Hex Bit Socket	5/32"
3206	Hex Bit Socket	3/16"
3207	Hex Bit Socket	7/32"
3208	Hex Bit Socket	1/4"
3210	Hex Bit Socket	5/16"
3212	Hex Bit Socket	3/8"
3308	Special 8 Pt. Standard Socket	1/4"
3310	Special 8 Pt. Standard Socket	5/16"
3312	Special 8 Pt. Standard Socket	3/8"
3403	3" Extension	
3405	5" Extension	
3412	12" Extension	
3426	Ratchet, 7" Knurled Grip	
3435	Flex Handle	
3445	Speeder, 14-1/2"	
3475	Universal	
3612	12 Pt. Deep Socket	3/8"
3614	12 Pt. Deep Socket	7/16"
3616	12 Pt. Deep Socket	1/2"
3618	12 Pt. Deep Socket	9/16"
3620	12 Pt. Deep Socket	5/8"
3622	12 Pt. Deep Socket	11/16"
3624	12 Pt. Deep Socket	3/4"
3626	12 Pt. Deep Socket	13/16"
3628	12 Pt. Deep Socket	7/8"
3714	12 Pt. Flex Socket	7/16"
3716	12 Pt. Flex Socket	1/2"
3718	12 Pt. Flex Socket	9/16"
3720	12 Pt. Flex Socket	5/8"
3722	12 Pt. Flex Socket	11/16"
3724	12 Pt. Flex Socket	3/4"
<b>1/2" DRIVE SOCKETS &amp; ATTACHMENTS</b>		
4112	12 Pt. Standard Socket	3/8"
4114	12 Pt. Standard Socket	7/16"
4116	12 Pt. Standard Socket	1/2"
4118	12 Pt. Standard Socket	9/16"
4120	12 Pt. Standard Socket	5/8"
4122	12 Pt. Standard Socket	11/16"
4124	12 Pt. Standard Socket	3/4"
4126	12 Pt. Standard Socket	13/16"
4128	12 Pt. Standard Socket	7/8"
4130	12 Pt. Standard Socket	15/16"
4132	12 Pt. Standard Socket	1"
4134	12 Pt. Standard Socket	1-1/16"

Part No.	Description	Size
4136	12 Pt. Standard Socket	1-1/8"
4140	12 Pt. Standard Socket	1-1/4"
4216	Hex Bit Socket	1/2"
4218	Hex Bit Socket	9/16"
4220	Hex Bit Socket	5/8"
4402	2" Extension	
4405	5" Extension	
4410	10" Extension	
4426	Ratchet, 10-1/2" Series 400, Knurled Grip	
4435	Flex Handle	
4445	Speeder	
4475	Universal	
4478	Micro-Adjustable Torque Wrench, 30-250 Ft. Lbs.	
4616	12 Pt. Deep Socket	1/2"
4618	12 Pt. Deep Socket	9/16"
4620	12 Pt. Deep Socket	5/8"
4622	12 Pt. Deep Socket	11/16"
4624	12 Pt. Deep Socket	3/4"
4626	12 Pt. Deep Socket	13/16"
4628	12 Pt. Deep Socket	7/8"
4630	12 Pt. Deep Socket	15/16"
4632	12 Pt. Deep Socket	1"
4634	12 Pt. Deep Socket	1-1/16"
4636	12 Pt. Deep Socket	1-1/8"
4640	12 Pt. Deep Socket	1-1/4"
<b>3/4" DRIVE SOCKETS &amp; ATTACHMENTS</b>		
6128	12 Pt. Standard Socket	7/8"
6130	12 Pt. Standard Socket	15/16"
6132	12 Pt. Standard Socket	1"
6134	12 Pt. Standard Socket	1-1/16"
6136	12 Pt. Standard Socket	1-1/8"
6140	12 Pt. Standard Socket	1-1/4"
6142	12 Pt. Standard Socket	1-5/16"
6144	12 Pt. Standard Socket	1-3/8"
6146	12 Pt. Standard Socket	1-7/16"
6148	12 Pt. Standard Socket	1-1/2"
6152	12 Pt. Standard Socket	1-5/8"
6156	12 Pt. Standard Socket	1-3/4"
6158	12 Pt. Standard Socket	1-13/16"
6160	12 Pt. Standard Socket	1-7/8"
6164	12 Pt. Standard Socket	2"
6400	Ratchet	
6408	8" Extension	
6416	16" Extension	
6435	Flex Handle	
6443	Sliding T	
<b>SERVICE TOOLS</b>		
9023	Dead Blow Hammer with Super Grip, 1 Lb.	
9029	Brass Hammer with Super Grip, 2.5 Lbs.	
90404B	Deep Throat Forged Steel Body Clamps, 4", 2 each	
9042	Ball Peen Hammer, Fiberglass Handle, 16 Oz.	
9045	Ball Peen Hammer, Fiberglass Handle, 32 Oz.	
9101	Phillips Screwdriver #2 - 1-1/2"	
9103	Phillips Screwdriver #0 - 3"	
9104	Phillips Screwdriver #1 - 3"	
9105	Phillips Screwdriver #2 - 4"	
9108	Phillips Screwdriver #2 - 6"	
9109	Phillips Screwdriver #4 - 8"	
9122	Round Shank Screwdriver, 1/4" - 1-1/2"	
9132	Square Shank Screwdriver, 1/4" - 4"	
9133	Square Shank Screwdriver, 1/4" - 6"	
9134	Square Shank Screwdriver, 5/16" - 6"	

CONTENTS OF MASTER SETS



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.


**Intermediate Set – 1/4", 3/8" & 1/2" Drives - Sets No. 125 and 126 - (continued)**

Part No.	Description		
9135	Square Shank Standard Tip, 3/8" - 8"		
9137	Square Standard Tip 3/8" - 12"		
9181	Two-in-One Flip Screwdriver w/Pocket Clip #1 Phillips and 5/32" Slotted Blades. OAL 4-3/4"		
9184	Offset Screwdriver, 5/16"		
9186	Offset Screwdriver, #1 x #2		
9220	Hollow Shaft Nut Driver, 3/16"		
9221	Hollow Shaft Nut Driver, 7/32"		
9222	Hollow Shaft Nut Driver, 1/4"		
9223	Hollow Shaft Nut Driver, 9/32"		
9224	Hollow Shaft Nut Driver, 5/16"		
9225	Hollow Shaft Nut Driver, 11/32"		
9226	Hollow Shaft Nut Driver, 3/8"		
9381	Ratcheting Box Wrench, 6 Pt., 1/4" x 5/16"		
9382	Ratcheting Box Wrench, 6 Pt., 3/8" x 7/16"		
9383	Ratcheting Box Wrench, 6 Pt., 1/2" x 9/16"		
9384	Ratcheting Box Wrench, 12 Pt., 5/8" x 11/16"		
9386	Ratcheting Box Wrench, 12 Pt., 3/4" x 7/8"		
9R31010	RIDGID Pipe Wrench, 10"		
9R31020	RIDGID Pipe Wrench, 14"		
9R31025	RIDGID Pipe Wrench, 18"		
9471	Stripper/Crimper/Cutter, 10-20 AWG		
9507	Tape Measure, 3/4" x 16'		
9523	Hacksaw		
9526	Utility Knife		
9538	Center Punch, 3/8" x 5"		
9556	Starter Punch, 3/16" x 5"		
9557	Starter Punch, 1/4" x 5"		
9558	Starter Punch, 5/16" x 4-1/4"		
9576	Punch Bar, 5/8" x 18"		
9591	Pin Punch, 3/32" x 4-1/2"		
9592	Pin Punch, 1/8" x 4-3/4"		
9594	Pin Punch, 3/16" x 5-1/4"		
9600	Cold Chisel, 1/4" x 5"		
9602	Cold Chisel, 3/8" x 5-1/2"		
9603	Cold Chisel, 1/2" x 6"		
9613	Cold Chisel, 5/16"		
9623	Round Nose Chisel, 5/16" x 6-1/4"		
9685	Punch & Chisel Holder		
9AC06	Adjustable Wrench, 6"		
9AC08	Adjustable Wrench, 8"		
9AC10	Adjustable Wrench, 10"		
9AC12	Adjustable Wrench, 12"		
9C317	Long Nose Pliers w/Side Cutter, 7-1/2"		
9C326	Long Nose Pliers w/Side Cutter, 6"		
9C337	Pliers, Lap Joint		
9C347	Linesman Pliers, Round Nose, 7"		
9C357	Pliers, End Cutting, 7"		
9C386	Long Nose Pliers, Curved w/Serrated Jaws, 6"		
9C430	Tongue and Groove Pliers, 10"		
9C436	Pliers, Box Joint, 6"		
9C460	Tongue and Groove Pliers, 16"		
9C537	Slip Joint Pliers, 7"		
9C718	Duck Bill Needle Nose, 7"		
9G95202	Screw Extractor Set - 5 Pieces		
9H1234	Retaining Ring Pliers w/Replaceable Tips		
9M482	Rolling Head Pry Bar, 1/2" x 16"		
9P6716L	Aviation Snips, Cuts Left, Red, 10"		
9V10CR	Curved Jaw Locking Pliers, 10"		
9V20R	Locking Chain Clamp RIDGID Pipe Wrench, 11"		
9V7R	Straight Jaw Locking Pliers, 7"		
9E69211	Fractional L-Key Set, Short Arm in Pouch - 11 Pieces		
9M42007	Dominator Carbon Scraper, 1-1/2"		

CONTENTS OF MASTER SETS





## Intermediate Set – 1/4", 3/8" & 1/2" Drives

### Set No. 130

220 Pieces Including WT804 Twelve  
Drawer Chest

See Page 18 for photograph.

### Set No. 131

219 Pieces  
(Tools Only - Cabinet Not Included)

Part No.	Description	Size	Part No.	Description	Size	Part No.	Description	Size
<b>FLAT WRENCHES</b>			<b>3/8" DRIVE SOCKETS &amp; ATTACHMENTS</b>					
1040	Combination Open End Flare Nut Wrench	3/8"	3112	12 Pt. Standard Socket	3/8"	4405	5" Extension	
1042	Combination Open End Flare Nut Wrench	7/16"	3114	12 Pt. Standard Socket	7/16"	4410	10" Extension	
1044	Combination Open End Flare Nut Wrench	1/2"	3116	12 Pt. Standard Socket	1/2"	4426	Ratchet, 10-1/2" Series 400, Knurled Grip	
1046	Combination Open End Flare Nut Wrench	9/16"	3118	12 Pt. Standard Socket	9/16"	4435	Flex Handle	
1048	Combination Open End Flare Nut Wrench	5/8"	3120	12 Pt. Standard Socket	5/8"	4445	Speeder	
1050	Combination Open End Flare Nut Wrench	11/16"	3122	12 Pt. Standard Socket	11/16"	4475	Universal	
1052	Combination Open End Flare Nut Wrench	3/4"	3124	12 Pt. Standard Socket	3/4"	4616	12 Pt. Deep Socket	1/2"
1110	Combination Wrench, 12 Pt.	5/16"	3126	12 Pt. Standard Socket	13/16"	4618	12 Pt. Deep Socket	9/16"
1112	Combination Wrench, 12 Pt.	3/8"	3128	12 Pt. Standard Socket	7/8"	4620	12 Pt. Deep Socket	5/8"
1114	Combination Wrench, 12 Pt.	7/16"	3204	Hex Bit Socket	1/8"	4622	12 Pt. Deep Socket	11/16"
1116	Combination Wrench, 12 Pt.	1/2"	3205	Hex Bit Socket	5/32"	4624	12 Pt. Deep Socket	3/4"
1118	Combination Wrench, 12 Pt.	9/16"	3206	Hex Bit Socket	3/16"	4626	12 Pt. Deep Socket	13/16"
1120	Combination Wrench, 12 Pt.	5/8"	3207	Hex Bit Socket	7/32"	4628	12 Pt. Deep Socket	7/8"
1122	Combination Wrench, 12 Pt.	11/16"	3208	Hex Bit Socket	1/4"	4630	12 Pt. Deep Socket	15/16"
1124	Combination Wrench, 12 Pt.	3/4"	3210	Hex Bit Socket	5/16"	4632	12 Pt. Deep Socket	1"
1126	Combination Wrench, 12 Pt.	13/16"	3212	Hex Bit Socket	3/8"	4634	12 Pt. Deep Socket	1-1/16"
1128	Combination Wrench, 12 Pt.	7/8"	3308	Special 8 Pt. Standard Socket	1/4"	4636	12 Pt. Deep Socket	1-1/8"
1130	Combination Wrench, 12 Pt.	15/16"	3310	Special 8 Pt. Standard Socket	5/16"	4640	12 Pt. Deep Socket	1-1/4"
1132	Combination Wrench, 12 Pt.	1"	3312	Special 8 Pt. Standard Socket	3/8"	<b>SERVICE TOOLS</b>		
1134	Combination Wrench, 12 Pt.	1-1/16"	3403	3" Extension		9023	Dead Blow Hammer with Super Grip, 1 Lb.	
1136	Combination Wrench, 12 Pt.	1-1/8"	3405	5" Extension		90404B	Deep Throat Forged Steel Body Clamps, 2 each	
1140	Combination Wrench, 12 Pt.	1-1/4"	3412	12" Extension		9042	Ball Peen Hammer, Fiberglass Handle, 16 Oz.	
1310	Open End Wrench	1/4" x 5/16"	3426	Ratchet, 7" Knurled Grip		9045	Ball Peen Hammer, Fiberglass Handle, 32 Oz.	
1312	Open End Wrench	3/8" x 5/16"	3435	Flex Handle		9101	Phillips Screwdriver #2 - 1-1/2"	
1316	Open End Wrench	7/8" x 1/2"	3445	Speeder, 14-1/2"		9103	Phillips Screwdriver #0 - 3"	
1318	Open End Wrench	1/2" x 9/16"	3475	Universal		9104	Phillips Screwdriver #1 - 3"	
1320	Open End Wrench	9/16" x 5/8"	3612	12 Pt. Deep Socket	3/8"	9105	Phillips Screwdriver #2 - 4"	
1324	Open End Wrench	5/8" x 3/4"	3614	12 Pt. Deep Socket	7/16"	9106	Phillips Screwdriver #3 - 6"	
1325	Open End Wrench	11/16" x 3/4"	3616	12 Pt. Deep Socket	1/2"	9109	Phillips Screwdriver #4 - 8"	
1329	Open End Wrench	13/16" x 7/8"	3618	12 Pt. Deep Socket	9/16"	9122	Round Shank Screwdriver, 1/4" - 1-1/2"	
1332	Open End Wrench	15/16" x 1"	3620	12 Pt. Deep Socket	5/8"	9132	Square Shank Screwdriver, 1/4" - 4"	
1336	Open End Wrench	1-1/16" x 1-1/8"	3622	12 Pt. Deep Socket	11/16"	9134	Square Shank Screwdriver, 5/16" - 6"	
<b>1/4" DRIVE SOCKETS &amp; ATTACHMENTS</b>			3624	12 Pt. Deep Socket	3/4"	9135	Square Shank Standard Tip, 3/8" - 8"	
2006	6 Pt. Standard Socket	3/16"	3626	12 Pt. Deep Socket	13/16"	9137	Square Standard Tip 3/8" - 12"	
2007	6 Pt. Standard Socket	7/32"	3628	12 Pt. Deep Socket	7/8"	9181	Two-in-One Flip Screwdriver w/Pocket Clip #1 Phillips and 5/32" Slotted Blades. OAL 4-3/4"	
2008	6 Pt. Standard Socket	1/4"	3714	12 Pt. Flex Socket	7/16"	9184	Offset Screwdriver, 5/16"	
2009	6 Pt. Standard Socket	9/32"	3716	12 Pt. Flex Socket	1/2"	9186	Offset Screwdriver, #1 x #2	
2010	6 Pt. Standard Socket	5/16"	3718	12 Pt. Flex Socket	9/16"	9220	Hollow Shaft Nut Driver, 3/16"	
2011	6 Pt. Standard Socket	11/32"	3720	12 Pt. Flex Socket	5/8"	9221	Hollow Shaft Nut Driver, 7/32"	
2012	6 Pt. Standard Socket	3/8"	3724	12 Pt. Flex Socket	3/4"	9222	Hollow Shaft Nut Driver, 1/4"	
2014	6 Pt. Standard Socket	7/16"	<b>1/2" DRIVE SOCKETS &amp; ATTACHMENTS</b>			9223	Hollow Shaft Nut Driver, 9/32"	
2016	6 Pt. Standard Socket	1/2"	4112	12 Pt. Standard Socket	3/8"	9224	Hollow Shaft Nut Driver, 5/16"	
2118	12 Pt. Standard Socket	9/16"	4114	12 Pt. Standard Socket	7/16"	9225	Hollow Shaft Nut Driver, 11/32"	
2402	2" Extension		4116	12 Pt. Standard Socket	1/2"	9226	Hollow Shaft Nut Driver, 3/8"	
2406	6" Extension		4118	12 Pt. Standard Socket	9/16"	9381	Ratcheting Box Wrench, 6 Pt., 1/4" x 5/16"	
2435	Flex Handle		4120	12 Pt. Standard Socket	5/8"	9382	Ratcheting Box Wrench, 6 Pt., 3/8" x 7/16"	
2442	Spinner w/female end		4122	12 Pt. Standard Socket	11/16"	9383	Ratcheting Box Wrench, 6 Pt., 1/2" x 9/16"	
2475	Universal Joint		4124	12 Pt. Standard Socket	3/4"	9384	Ratcheting Box Wrench, 12 Pt., 5/8" x 11/16"	
2492	Ratchet, 5-1/4"		4126	12 Pt. Standard Socket	13/16"	9386	Ratcheting Box Wrench, 12 Pt., 3/4" x 7/8"	
2506	6 Pt. Deep Socket	3/16"	4128	12 Pt. Standard Socket	7/8"	9R31010	RIDGID Pipe Wrench, 10"	
2507	6 Pt. Deep Socket	7/32"	4130	12 Pt. Standard Socket	15/16"	9471	Stripper/Crimper/Cutter, 10-20 AWG	
2508	6 Pt. Deep Socket	1/4"	4132	12 Pt. Standard Socket	1"	9507	Tape Measure, 3/4" x 16'	
2509	6 Pt. Deep Socket	9/32"	4134	12 Pt. Standard Socket	1-1/16"	9523	Hacksaw	
2510	6 Pt. Deep Socket	5/16"	4136	12 Pt. Standard Socket	1-1/8"	9526	Utility Knife	
2511	6 Pt. Deep Socket	11/32"	4140	12 Pt. Standard Socket	1-1/4"	9538	Center Punch, 3/8" x 5"	
2512	6 Pt. Deep Socket	3/8"	4216	Hex Bit Socket	1/2"	9556	Starter Punch, 3/16" x 5"	
2514	6 Pt. Deep Socket	7/16"	4218	Hex Bit Socket	9/16"	9557	Starter Punch, 1/4" x 5"	
2516	6 Pt. Deep Socket	1/2"	4220	Hex Bit Socket	5/8"	9558	Starter Punch, 5/16" x 4-1/4"	
2618	12 Pt. Deep Socket	9/16"	4402	2" Extension		9576	Punch Bar, 5/8" x 18"	

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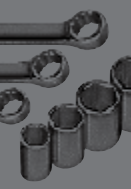
**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.



**Intermediate Set – 1/4", 3/8" & 1/2" Drives - Sets No. 130 and 131 - (continued)**

Part No.	Description		
9591	Pin Punch, 3/32" x 4-1/2"		
9592	Pin Punch, 1/8" x 4-3/4"		
9594	Pin Punch, 3/16" x 5-1/4"		
9600	Cold Chisel, 1/4" x 5"		
9602	Cold Chisel, 3/8" x 5-1/2"		
9603	Cold Chisel, 1/2" x 6"		
9613	Cape Chisel, 5/16"		
9623	Round Nose Chisel, 5/16"		
9685	Punch & Chisel Holder		
9AC06	Adjustable Wrench, 6"		
9AC08	Adjustable Wrench, 8"		
9AC10	Adjustable Wrench, 10"		
9C326	Long Nose Pliers w/Side Cutter, 6"		
9C337	Pliers, Lap Joint		
9C349	Linesman Pliers, Wiremaster		
9C357	Pliers, End Cutting		
9C386	Long Nose Pliers, Curved w/Serrated Jaws, 6"		
9C430	Tongue and Groove Pliers, 10"		
9C436	Pliers, Box Joint		
9C537	Slip Joint Pliers, 16"		
9C718	Duck Bill Needle Nose, 7"		
9H1221S	Retaining Ring Pliers w/Adj. Stop & Replaceable tips		
9H1234	Retaining Ring Plier w/Replaceable Tips		
9V7R	Straight Jaw Locking Pliers, 7"		
9V10CR	Curved Jaw Locking Pliers, 10"		
9G95202	Screw Extractor Set - 5 Pieces		
9M482	Rolling Head Pry Bar, 1/2" x 16"		
9E969211	Fractional L-Key Set, Short Arm in Pouch - 11 Pieces		
9M42007	Dominator Carbon Scraper, 1-1/2"		
9P6716L	Aviation Snips, Cuts Left, Red, 10"		

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## General Maintenance Set – 1/4", 3/8" & 1/2" Drives

### Set No. 135

135 Pieces Including WT523  
Three Drawer Chest

See Page 19 for photograph.

### Set No. 136

134 Pieces  
(Tools Only - Cabinet Not Included)

Part No.	Description	Size
<b>FLAT WRENCHES</b>		
1112	Combination Wrench, 12 Pt.	3/8"
1114	Combination Wrench, 12 Pt.	7/16"
1116	Combination Wrench, 12 Pt.	1/2"
1118	Combination Wrench, 12 Pt.	9/16"
1120	Combination Wrench, 12 Pt.	5/8"
1122	Combination Wrench, 12 Pt.	11/16"
1124	Combination Wrench, 12 Pt.	3/4"
1126	Combination Wrench, 12 Pt.	13/16"
1128	Combination Wrench, 12 Pt.	7/8"
1130	Combination Wrench, 12 Pt.	15/16"
1132	Combination Wrench, 12 Pt.	1"
1134	Combination Wrench, 12 Pt.	1-1/16"
1136	Combination Wrench, 12 Pt.	1-1/8"
1140	Combination Wrench, 12 Pt.	1-1/4"
1310	Open End Wrench	1/4" x 5/16"
1314	Open End Wrench	3/8" x 7/16"
1318	Open End Wrench	1/2" x 9/16"
1322	Open End Wrench	5/8" x 11/16"
1326	Open End Wrench	3/4" x 13/16"
1330	Open End Wrench	7/8" x 15/16"
1340	Open End Wrench	1-1/8" x 1-1/4"
51214	12 Pt. Box Wrench - Modified Offset	3/8" x 7/16"
51618	12 Pt. Box Wrench - Modified Offset	1/2" x 9/16"
52022	12 Pt. Box Wrench - Modified Offset	5/8" x 11/16"
52428	12 Pt. Box Wrench - Modified Offset	3/4" x 7/8"
52830	12 Pt. Box Wrench - Modified Offset	7/8" x 15/16"
<b>1/4" DRIVE SOCKETS &amp; ATTACHMENTS</b>		
2006	6 Pt. Standard Socket	3/16"
2007	6 Pt. Standard Socket	7/32"
2008	6 Pt. Standard Socket	1/4"
2009	6 Pt. Standard Socket	9/32"
2010	6 Pt. Standard Socket	5/16"
2011	6 Pt. Standard Socket	11/32"
2012	6 Pt. Standard Socket	3/8"
2014	6 Pt. Standard Socket	7/16"
2016	6 Pt. Standard Socket	1/2"
2492	Ratchet, 5-1/4"	
2441	Spinner	
<b>3/8" DRIVE SOCKETS &amp; ATTACHMENTS</b>		
3108	12 Pt. Standard Socket	1/4"
3110	12 Pt. Standard Socket	5/16"
3112	12 Pt. Standard Socket	3/8"
3114	12 Pt. Standard Socket	7/16"
3116	12 Pt. Standard Socket	1/2"
3118	12 Pt. Standard Socket	9/16"
3120	12 Pt. Standard Socket	5/8"
3122	12 Pt. Standard Socket	11/16"
3124	12 Pt. Standard Socket	3/4"
3126	12 Pt. Standard Socket	13/16"
3128	12 Pt. Standard Socket	7/8"
3403	3" Extension	
3408	8" Extension	
3412	12" Extension	
3426	Ratchet, 7" Knurled Grip	
3435	Flex Handle	
3443	Sliding T	
3445	Speeder, 14-1/2"	
3475	Universal	
3512	6 Pt. Deep Socket	3/8"
3514	6 Pt. Deep Socket	7/16"
3516	6 Pt. Deep Socket	1/2"

Part No.	Description	Size
3518	6 Pt. Deep Socket	9/16"
3520	6 Pt. Deep Socket	5/8"
3522	6 Pt. Deep Socket	11/16"
3524	6 Pt. Deep Socket	3/4"
3526	6 Pt. Deep Socket	13/16"
3528	6 Pt. Deep Socket	7/8"
<b>1/2" DRIVE SOCKETS &amp; ATTACHMENTS</b>		
4112	12 Pt. Standard Socket	3/8"
4114	12 Pt. Standard Socket	7/16"
4116	12 Pt. Standard Socket	1/2"
4118	12 Pt. Standard Socket	9/16"
4120	12 Pt. Standard Socket	5/8"
4122	12 Pt. Standard Socket	11/16"
4124	12 Pt. Standard Socket	3/4"
4126	12 Pt. Standard Socket	13/16"
4128	12 Pt. Standard Socket	7/8"
4130	12 Pt. Standard Socket	15/16"
4132	12 Pt. Standard Socket	1"
4134	12 Pt. Standard Socket	1-1/16"
4136	12 Pt. Standard Socket	1-1/8"
4138	12 Pt. Standard Socket	1-3/16"
4140	12 Pt. Standard Socket	1-1/4"
4402	2" Extension	
4405	5" Extension	
4426	Ratchet, 10-1/2" Series 400, Knurled Grip	
4435	Flex Handle	
4475	Universal	
4516	6 Pt. Deep Socket	1/2"
4518	6 Pt. Deep Socket	9/16"
4520	6 Pt. Deep Socket	5/8"
4522	6 Pt. Deep Socket	11/16"
4524	6 Pt. Deep Socket	3/4"
<b>SERVICE TOOLS</b>		
798	Miniature Combination Wrench Set, 8 Pieces	
9032	Soft Face Hammer	
9040	Ball Peen Hammer, Fiberglass Handle, 8 Oz.	
9041	Ball Peen Hammer, Fiberglass Handle, 12 Oz.	
9042	Ball Peen Hammer, Fiberglass Handle, 16 Oz.	
9104	Phillips Screwdriver #1 - 3"	
9105	Phillips Screwdriver #2 - 4"	
9132	Square Shank Screwdriver, 1/4" - 4"	
9134	Square Shank Screwdriver, 5/16" - 6"	
9135	Square Shank Standard Tip, 3/8" - 8"	
9552	Starter Punch, 3/32"	
9553	Starter Punch, 1/8"	
9556	Starter Punch, 3/16" x 5"	
9591	Pin Punch, 3/32" x 4-1/2"	
9593	Pin Punch, 5/32"	
9594	Pin Punch, 3/16" x 5-1/4"	
9602	Cold Chisel, 3/8" x 5-1/2"	
9603	Cold Chisel, 1/2" x 6"	
9604	Cold Chisel, 5/8"	
9C317	Long Nose Pliers w/Side Cutter, 7-1/2"	
9C430	Tongue and Groove Pliers, 10"	
9C447	Cutting Pliers, Curved Diagonal, Box Joint, 7-3/4"	
9C526	Slip Joint Pliers Wire Cutting Shear, 6"	
9M482	Rolling Head Pry Bar, 1/2" x 16"	
9E10113	Fractional L-Key Set, Short Arm in Tool Holder - 13 Pieces	

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**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.



## Mechanics Set – 1/4", 3/8" & 1/2" Drives

### Set No. 140

136 Pieces Including WT523

Two Drawer Chest

See Page 20 for photograph.

### Set No. 141

135 Pieces

(Tools Only - Cabinet Not Included)

Part No.	Description	Size
<b>FLAT WRENCHES</b>		
1112	Combination Wrench, 12 Pt.	3/8"
1114	Combination Wrench, 12 Pt.	7/16"
1116	Combination Wrench, 12 Pt.	1/2"
1118	Combination Wrench, 12 Pt.	9/16"
1120	Combination Wrench, 12 Pt.	5/8"
1122	Combination Wrench, 12 Pt.	11/16"
1124	Combination Wrench, 12 Pt.	3/4"
1126	Combination Wrench, 12 Pt.	13/16"
1128	Combination Wrench, 12 Pt.	7/8"
1130	Combination Wrench, 12 Pt.	15/16"
1314	Open End Wrench	3/8" x 7/16"
1318	Open End Wrench	1/2" x 9/16"
1322	Open End Wrench	5/8" x 11/16"
1326	Open End Wrench	3/4" x 13/16"
1330	Open End Wrench	7/8" x 15/16"
<b>1/4" DRIVE SOCKETS &amp; ATTACHMENTS</b>		
2006	6 Pt. Standard Socket	3/16"
2007	6 Pt. Standard Socket	7/32"
2008	6 Pt. Standard Socket	1/4"
2009	6 Pt. Standard Socket	9/32"
2010	6 Pt. Standard Socket	5/16"
2011	6 Pt. Standard Socket	11/32"
2012	6 Pt. Standard Socket	3/8"
2014	6 Pt. Standard Socket	7/16"
2016	6 Pt. Standard Socket	1/2"
2308	Special 8 Pt. Standard Socket	1/4"
2310	Special 8 Pt. Standard Socket	5/16"
2312	Special 8 Pt. Standard Socket	3/8"
2406	6" Extension	
2435	Flex Handle	
2492	Ratchet, 5-1/4"	
<b>3/8" DRIVE SOCKETS &amp; ATTACHMENTS</b>		
3008	6 Pt. Standard Socket	1/4"
3010	6 Pt. Standard Socket	5/16"
3012	6 Pt. Standard Socket	3/8"
3014	6 Pt. Standard Socket	7/16"
3016	6 Pt. Standard Socket	1/2"
3018	6 Pt. Standard Socket	9/16"
3020	6 Pt. Standard Socket	5/8"
3022	6 Pt. Standard Socket	11/16"
3024	6 Pt. Standard Socket	3/4"
3026	6 Pt. Standard Socket	13/16"
3028	6 Pt. Standard Socket	7/8"
3030	6 Pt. Standard Socket	15/16"
3032	6 Pt. Standard Socket	1"
3403	3" Extension	
3405	5" Extension	
3408	8" Extension	
3426	Ratchet, 7" Knurled Grip	
3435	Flex Handle, 8-1/2" Knurled Steel Grip	
3475	Universal	
3508	6 Pt. Deep Socket	1/4"
3510	6 Pt. Deep Socket	5/16"
3512	6 Pt. Deep Socket	3/8"
3514	6 Pt. Deep Socket	7/16"
3516	6 Pt. Deep Socket	1/2"
3518	6 Pt. Deep Socket	9/16"
3520	6 Pt. Deep Socket	5/8"
3522	6 Pt. Deep Socket	11/16"
3524	6 Pt. Deep Socket	3/4"
3526	6 Pt. Deep Socket	13/16"

Part No.	Description	Size
3528	6 Pt. Deep Socket	7/8"
3530	6 Pt. Deep Socket	15/16"
3532	6 Pt. Deep Socket	1"
<b>1/2" DRIVE SOCKETS &amp; ATTACHMENTS</b>		
4012	6 Pt. Standard Socket	3/8"
4014	6 Pt. Standard Socket	7/16"
4016	6 Pt. Standard Socket	1/2"
4018	6 Pt. Standard Socket	9/16"
4020	6 Pt. Standard Socket	5/8"
4022	6 Pt. Standard Socket	11/16"
4024	6 Pt. Standard Socket	3/4"
4026	6 Pt. Standard Socket	13/16"
4028	6 Pt. Standard Socket	7/8"
4030	6 Pt. Standard Socket	15/16"
4032	6 Pt. Standard Socket	1"
4034	6 Pt. Standard Socket	1-1/16"
4036	6 Pt. Standard Socket	1-1/8"
4040	6 Pt. Standard Socket	1-1/4"
4405	5" Extension	
4410	10" Extension	
4426	Ratchet, 10-1/2" Series 400, Knurled Grip	
4435	Flex Handle, 18" Knurled Steel Grip	
4445	Speeder	
4475	Universal	
4512	6 Pt. Deep Socket	3/8"
4514	6 Pt. Deep Socket	7/16"
4516	6 Pt. Deep Socket	1/2"
4518	6 Pt. Deep Socket	9/16"
4520	6 Pt. Deep Socket	5/8"
4522	6 Pt. Deep Socket	11/16"
4524	6 Pt. Deep Socket	3/4"
4526	6 Pt. Deep Socket	13/16"
4528	6 Pt. Deep Socket	7/8"
4530	6 Pt. Deep Socket	15/16"
4532	6 Pt. Deep Socket	1"
4534	6 Pt. Deep Socket	1-1/16"
4536	6 Pt. Deep Socket	1-1/8"
4540	6 Pt. Deep Socket	1-1/4"
<b>SERVICE TOOLS</b>		
787	Miniature Combination Wrench Set, 10 Pieces	
9042	Ball Peen Hammer, Fiberglass Handle, 16 Oz.	
9105	Phillips Screwdriver #2 - 4"	
9123	Round Shank Screwdriver, 1/4" - 4"	
9125	Round Shank Screwdriver, 5/16" - 6"	
9126	Round Shank Screwdriver, 3/8" - 8"	
9523	Hacksaw	
9536	Center Punch, 1/4"	
9556	Starter Punch, 3/16" x 5"	
9576	Line-Up Pry Bar, 5/8" x 18"	
9594	Pin Punch, 3/16" x 5-1/4"	
9602	Cold Chisel, 3/8" x 5-1/2"	
9604	Cold Chisel, 5/8"	
9AC10	Adjustable Wrench, 10"	
9C326	Long Nose Pliers, 6"	
9C430	Tongue and Groove Pliers, 10"	
9C437	Cutting Pliers, Box Joint, 7"	
9E10113	Fractional L-Key Set, Short Arm in Tool Holder - 13 Pieces	

CONTENTS OF MASTER SETS



## General Service Set – 1/4", 3/8" & 1/2" Drives

### Set No. 150

129 Pieces Including WT520 Heavy-Duty  
Mechanic's Box with Tray

See Page 21 for photograph.

### Set No. 152

128 Pieces  
(Tools Only - Box Not Included)

Part No.	Description	Size	Part No.	Description	Size
<b>FLAT WRENCHES</b>			4435	Flex Handle, 18" Knurled Steel Grip	
1112	Combination Wrench, 12 Pt.	3/8"	4616	12 Pt. Deep Socket	1/2"
1114	Combination Wrench, 12 Pt.	7/16"	4618	12 Pt. Deep Socket	9/16"
1116	Combination Wrench, 12 Pt.	1/2"	4620	12 Pt. Deep Socket	5/8"
1118	Combination Wrench, 12 Pt.	9/16"	4622	12 Pt. Deep Socket	11/16"
1120	Combination Wrench, 12 Pt.	5/8"	4624	12 Pt. Deep Socket	3/4"
1122	Combination Wrench, 12 Pt.	11/16"	4626	12 Pt. Deep Socket	13/16"
1124	Combination Wrench, 12 Pt.	3/4"	4628	12 Pt. Deep Socket	7/8"
1124	Combination Wrench, 12 Pt.	3/4"	4630	12 Pt. Deep Socket	15/16"
<b>1/4" DRIVE SOCKETS &amp; ATTACHMENTS</b>			<b>SERVICE TOOLS</b>		
2006	6 Pt. Standard Socket	3/16"	798	Miniature Combination Wrench Set, 8 Pieces	
2007	6 Pt. Standard Socket	7/32"	9042	Ball Peen Hammer, Fiberglass Handle, 16 Oz.	
2008	6 Pt. Standard Socket	1/4"	9105	Phillips Screwdriver #2 - 4"	
2009	6 Pt. Standard Socket	9/32"	9115	Cabinet Tip Screwdriver 3/16" - 4"	
2010	6 Pt. Standard Socket	5/16"	9123	Round Shank Screwdriver, 1/4" - 4"	
2011	6 Pt. Standard Socket	11/32"	9125	Round Shank Screwdriver, 5/16" - 6"	
2012	6 Pt. Standard Socket	3/8"	9126	Round Shank Screwdriver, 3/8" - 8"	
2014	6 Pt. Standard Socket	7/16"	9381	Ratcheting Box Wrench, 6 Pt., 1/4" x 5/16"	
2016	6 Pt. Standard Socket	1/2"	9382	Ratcheting Box Wrench, 6 Pt., 3/8" x 7/16"	
2308	Special 8 Pt. Standard Socket	1/4"	9383	Ratcheting Box Wrench, 6 Pt., 1/2" x 9/16"	
2310	Special 8 Pt. Standard Socket	5/16"	9491	Scraper, Stiff Blade, 1-1/4"	
2312	Special 8 Pt. Standard Socket	3/8"	9507	Tape Measure, 3/4" x 16'	
2402	2" Extension		9520	Hacksaw	
2426	Ratchet, 4-3/4"		9521	Carbon Steel Blades, 10 Pieces	
2441	Spinner		9535	Magnetic Pick-up Tool	
<b>3/8" DRIVE SOCKETS &amp; ATTACHMENTS</b>			9536	Center Punch, 1/4"	
3012	6 Pt. Standard Socket	3/8"	9556	Starter Punch, 3/16" x 5"	
3014	6 Pt. Standard Socket	7/16"	9575	Pinch Bar, 1/2" x 4"	
3016	6 Pt. Standard Socket	1/2"	9594	Pin Punch, 3/16" x 5-1/4"	
3018	6 Pt. Standard Socket	9/16"	9602	Cold Chisel, 3/8" x 5-1/2"	
3120	12 Pt. Standard Socket	5/8"	9604	Cold Chisel, 5/8" x 6-1/2"	
3122	12 Pt. Standard Socket	11/16"	9606	Cold Chisel, 7/8" x 7-1/2"	
3124	12 Pt. Standard Socket	3/4"	9AC10	Adjustable Wrench, 10"	
3126	12 Pt. Standard Socket	13/16"	9C326	Long Nose Pliers, 6"	
3128	12 Pt. Standard Socket	7/8"	9C430	Tongue and Groove Pliers, 10"	
3403	3" Extension		9C437	Cutting Pliers, Box Joint, 7"	
3426	Ratchet, 7" Knurled Grip		9C526	Slip Joint Pliers Wire Cutting Shear, 6"	
3475	Universal		9G95202	Screw Extractor Set - 5 Pieces	
3512	6 Pt. Deep Socket	3/8"	9V6LN	Long Nose Locking Pliers w/Wire Cutter, 6"	
3514	6 Pt. Deep Socket	7/16"	9E10113	Fractional L-Key Set, Short Arm in Tool Holder - 13 Pieces	
3516	6 Pt. Deep Socket	1/2"			
3518	6 Pt. Deep Socket	9/16"			
3520	6 Pt. Deep Socket	5/8"			
3522	6 Pt. Deep Socket	11/16"			
3524	6 Pt. Deep Socket	3/4"			
3526	6 Pt. Deep Socket	13/16"			
<b>1/2" DRIVE SOCKETS &amp; ATTACHMENTS</b>					
4114	12 Pt. Standard Socket	7/16"			
4116	12 Pt. Standard Socket	1/2"			
4118	12 Pt. Standard Socket	9/16"			
4120	12 Pt. Standard Socket	5/8"			
4122	12 Pt. Standard Socket	11/16"			
4124	12 Pt. Standard Socket	3/4"			
4126	12 Pt. Standard Socket	13/16"			
4128	12 Pt. Standard Socket	7/8"			
4130	12 Pt. Standard Socket	15/16"			
4132	12 Pt. Standard Socket	1"			
4134	12 Pt. Standard Socket	1-1/16"			
4136	12 Pt. Standard Socket	1-1/8"			
4140	12 Pt. Standard Socket	1-1/4"			
4405	5" Extension				
4426	Ratchet, 10-1/2" Series 400, Knurled Grip				

CONTENTS OF MASTER SETS



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.



## Basic Service Set – 1/4", 3/8" & 1/2" Drives

### Set No. 160

98 Pieces Including WT520 Heavy-Duty  
Mechanic's Box with Tray

See Page 22 for photograph.

### Set No. 161

97 Pieces  
(Tools Only - Box Not Included)

Part No.	Description	Size	Part No.	Description	Size
<b>FLAT WRENCHES</b>			4136	12 Pt. Standard Socket	1-1/8"
1112	Combination Wrench, 12 Pt.	3/8"	4140	12 Pt. Standard Socket	1-1/4"
1114	Combination Wrench, 12 Pt.	7/16"	4405	5" Extension	
1116	Combination Wrench, 12 Pt.	1/2"	4426	Ratchet, 10-1/2" Series 400, Knurled Grip	
1118	Combination Wrench, 12 Pt.	9/16"	4435	Flex Handle, 18" Knurled Steel Grip	
1120	Combination Wrench, 12 Pt.	5/8"	4475	Universal Joint	
1122	Combination Wrench, 12 Pt.	11/16"	<b>SERVICE TOOLS</b>		
1124	Combination Wrench, 12 Pt.	3/4"	787	Miniature Combination Wrench Set, 10 Pieces	
1314	Open End Wrench	3/8" x 7/16"	9042	Ball Peen Hammer, Fiberglass Handle, 16 Oz.	
1318	Open End Wrench	1/2" x 9/16"	9105	Phillips Screwdriver #2 - 4"	
1322	Open End Wrench	5/8" x 11/16"	9123	Round Shank Screwdriver, 1/4" - 4"	
1326	Open End Wrench	3/4" x 9/16"	9125	Round Shank Screwdriver, 5/16" - 6"	
<b>1/4" DRIVE SOCKETS &amp; ATTACHMENTS</b>			9126	Round Shank Screwdriver, 3/8" - 8"	
2006	6 Pt. Standard Socket	3/16"	9536	Center Punch, 1/4"	
2007	6 Pt. Standard Socket	7/32"	9556	Starter Punch, 3/16" x 5"	
2008	6 Pt. Standard Socket	1/4"	9594	Pin Punch, 3/16" x 5-1/4"	
2009	6 Pt. Standard Socket	9/32"	9602	Cold Chisel, 3/8" x 5-1/2"	
2010	6 Pt. Standard Socket	5/16"	9604	Cold Chisel, 5/8" x 6-1/2"	
2011	6 Pt. Standard Socket	11/32"	9C430	Tongue and Groove Pliers, 10"	
2012	6 Pt. Standard Socket	3/8"	9E10113	Fractional L-Key Set, Short Arm in Tool Holder - 13 Pieces	
2014	6 Pt. Standard Socket	7/16"			
2016	6 Pt. Standard Socket	1/2"			
2308	Special 8 Pt. Standard Socket	1/4"			
2310	Special 8 Pt. Standard Socket	5/16"			
2312	Special 8 Pt. Standard Socket	3/8"			
2435	Flex Handle				
<b>3/8" DRIVE SOCKETS &amp; ATTACHMENTS</b>					
3012	6 Pt. Standard Socket	3/8"			
3014	6 Pt. Standard Socket	7/16"			
3016	6 Pt. Standard Socket	1/2"			
3018	6 Pt. Standard Socket	9/16"			
3120	12 Pt. Standard Socket	5/8"			
3122	12 Pt. Standard Socket	11/16"			
3124	12 Pt. Standard Socket	3/4"			
3126	12 Pt. Standard Socket	13/16"			
3128	12 Pt. Standard Socket	7/8"			
3405	5" Extension				
3426	Ratchet, 7" Knurled Grip				
3435	Flex Handle				
3452	Adaptor, 3/8" F x 1/4" M				
3475	Universal				
3512	6 Pt. Deep Socket	3/8"			
3514	6 Pt. Deep Socket	7/16"			
3516	6 Pt. Deep Socket	1/2"			
3518	6 Pt. Deep Socket	9/16"			
3520	6 Pt. Deep Socket	5/8"			
3522	6 Pt. Deep Socket	11/16"			
3524	6 Pt. Deep Socket	3/4"			
3526	6 Pt. Deep Socket	13/16"			
<b>1/2" DRIVE SOCKETS &amp; ATTACHMENTS</b>					
4114	12 Pt. Standard Socket	7/16"			
4116	12 Pt. Standard Socket	1/2"			
4118	12 Pt. Standard Socket	9/16"			
4120	12 Pt. Standard Socket	5/8"			
4122	12 Pt. Standard Socket	11/16"			
4124	12 Pt. Standard Socket	3/4"			
4126	12 Pt. Standard Socket	13/16"			
4128	12 Pt. Standard Socket	7/8"			
4130	12 Pt. Standard Socket	15/16"			
4132	12 Pt. Standard Socket	1"			
4134	12 Pt. Standard Socket	1-1/16"			



## Starter Set – 3/8" & 1/2" Drives

### Set No. 165

97 Pieces Including WT520 Heavy-Duty  
Mechanic's Box with Tray

See Page 23 for photograph.

### Set No. 166

96 Pieces  
(Tools Only - Box Not Included)

Part No.	Description	Size	Part No.	Description
<b>FLAT WRENCHES</b>			<b>SERVICE TOOLS</b>	
1110	Combination Wrench, 12 Pt.	5/16"	9023	Dead Blow Hammer with Super Grip, 1 Lb.
1112	Combination Wrench, 12 Pt.	3/8"	9042	Ball Peen Hammer, Fiberglass Handle, 16 Oz.
1114	Combination Wrench, 12 Pt.	7/16"	9104	Phillips Screwdriver, #1 - 3"
1116	Combination Wrench, 12 Pt.	1/2"	9105	Phillips Screwdriver #2 - 4"
1118	Combination Wrench, 12 Pt.	9/16"	9106	Phillips Screwdriver #3 - 6"
1120	Combination Wrench, 12 Pt.	5/8"	9114	Cabinet Tip Screwdriver, 3/16" - 3"
1122	Combination Wrench, 12 Pt.	11/16"	9122	Round Shank Screwdriver, 1/4" - 1-1/2"
1124	Combination Wrench, 12 Pt.	3/4"	9132	Square Shank Screwdriver, 1/4" - 4"
1126	Combination Wrench, 12 Pt.	13/16"	9134	Square Shank Screwdriver, 5/16" - 6"
1128	Combination Wrench, 12 Pt.	7/8"	9135	Square Shank Screwdriver, 3/8" - 8"
1130	Combination Wrench, 12 Pt.	15/16"	9M42007	Dominator Carbon Scraper, 1-1/2"
1132	Combination Wrench, 12 Pt.	1"	9523	Hacksaw
1134	Combination Wrench, 12 Pt.	1-1/16"	9538	Center Punch, 3/8"
1136	Combination Wrench, 12 Pt.	1-3/16"	9556	Starter Punch, 3/16" x 5"
1140	Combination Wrench, 12 Pt.	1-1/4"	9557	Starter Punch, 1/4"
<b>3/8" DRIVE SOCKETS &amp; ATTACHMENTS</b>				
3112	12 Pt. Standard Socket	3/8"	9558	Starter Punch, 5/16"
3114	12 Pt. Standard Socket	7/16"	9591	Pin Punch, 3/32"
3116	12 Pt. Standard Socket	1/2"	9592	Pin Punch, 1/8"
3118	12 Pt. Standard Socket	9/16"	9594	Pin Punch, 3/16"
3120	12 Pt. Standard Socket	5/8"	9600	Cold Chisel, 1/4"
3122	12 Pt. Standard Socket	11/16"	9602	Cold Chisel, 3/8"
3124	12 Pt. Standard Socket	3/4"	9603	Cold Chisel, 1/2"
3126	12 Pt. Standard Socket	13/16"	9613	Cape Chisel, 5/16"
3128	12 Pt. Standard Socket	7/8"	9623	Round Nose Chisel, 5/16"
3403	3" Extension		9685	Punch & Chisel Holder w/3-Flute Handle
3412	12" Extension		9AC06	Adjustable Wrench, Chrome, 6"
3426	Ratchet, 7" Knurled Grip		9AC10	Adjustable Wrench, Chrome, 10"
3435	Flex Handle, 8-1/2" Knurled Steel Grip		9C326	Long Nose Pliers w/Side Cutter, 6"
3445	Speeder		9C337	Lap Joint Pliers, 7"
3475	Universal		9C430	Tongue and Groove Pliers, 10"
<b>1/2" DRIVE SOCKETS &amp; ATTACHMENTS</b>				
4112	12 Pt. Standard Socket	3/8"	9C537	Slip Joint Pliers, 7"
4114	12 Pt. Standard Socket	7/16"	9V7R	Straight Jaw Locking Pliers, 7"
4116	12 Pt. Standard Socket	1/2"	9P6716L	Aviation Snips, Cuts Left, Red, 10"
4118	12 Pt. Standard Socket	9/16"	9E69207	Hex Key Set, Short Arm, 7 Pieces in Pouch
4119	12 Pt. Standard Socket	19/32"		
4120	12 Pt. Standard Socket	5/8"		
4121	12 Pt. Standard Socket	21/32"		
4122	12 Pt. Standard Socket	11/16"		
4124	12 Pt. Standard Socket	3/4"		
4125	12 Pt. Standard Socket	25/32"		
4126	12 Pt. Standard Socket	13/16"		
4128	12 Pt. Standard Socket	7/8"		
4130	12 Pt. Standard Socket	15/16"		
4131	12 Pt. Standard Socket	31/32"		
4132	12 Pt. Standard Socket	1"		
4134	12 Pt. Standard Socket	1-1/16"		
4136	12 Pt. Standard Socket	1-1/8"		
4138	12 Pt. Standard Socket	1-3/16"		
4140	12 Pt. Standard Socket	1-1/4"		
4402	2" Extension			
4405	5" Extension			
4410	10" Extension			
4426	Ratchet, 10-1/2" Series 400, Knurled Grip			
4435	Flex Handle, 18" Knurled Steel Grip			
4445	Speeder			
4475	Universal			



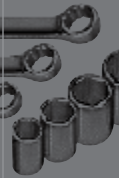
**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.



## Apprentice Set – 3/8" Drive

### Set No. 170

54 Pieces Including WT520 Heavy-Duty  
Mechanic's Box with Tray

See Page 24 for photograph.

### Set No. 171

53 Pieces  
(Tools Only - Box Not Included)

Part No.	Description	Size
<b>FLAT WRENCHES</b>		
1112	Combination Wrench, 12 Pt.	3/8"
1114	Combination Wrench, 12 Pt.	7/16"
1116	Combination Wrench, 12 Pt.	1/2"
1118	Combination Wrench, 12 Pt.	9/16"
1120	Combination Wrench, 12 Pt.	5/8"
1122	Combination Wrench, 12 Pt.	11/16"
1124	Combination Wrench, 12 Pt.	3/4"
1126	Combination Wrench, 12 Pt.	13/16"
1128	Combination Wrench, 12 Pt.	7/8"
1130	Combination Wrench, 12 Pt.	15/16"
<b>3/8" DRIVE SOCKETS &amp; ATTACHMENTS</b>		
3012	6 Pt. Standard Socket	3/8"
3014	6 Pt. Standard Socket	7/16"
3016	6 Pt. Standard Socket	1/2"
3018	6 Pt. Standard Socket	9/16"
3120	12 Pt. Standard Socket	5/8"
3122	12 Pt. Standard Socket	11/16"
3124	12 Pt. Standard Socket	3/4"
3126	12 Pt. Standard Socket	13/16"
3128	12 Pt. Standard Socket	7/8"
3403	3" Extension	
3405	5" Extension	
3412	12" Extension	
3426	Ratchet, 7" Knurled Grip	
3435	Flex Handle	
3475	Universal	
3512	6 Pt. Deep Socket	3/8"
3514	6 Pt. Deep Socket	7/16"
3516	6 Pt. Deep Socket	1/2"
3518	6 Pt. Deep Socket	9/16"
3520	6 Pt. Deep Socket	5/8"
3522	6 Pt. Deep Socket	11/16"
3524	6 Pt. Deep Socket	3/4"
3526	6 Pt. Deep Socket	13/16"
3712	12 Pt. Flex Socket	3/8"
3714	12 Pt. Flex Socket	7/16"
3716	12 Pt. Flex Socket	1/2"
3718	12 Pt. Flex Socket	9/16"
3724	12 Pt. Flex Socket	3/4"
<b>SERVICE TOOLS</b>		
9030	Soft Face Hammer, 12 Oz., 1.25"	
9042	Ball Peen Hammer, Fiberglass Handle, 16 Oz.	
9105	Phillips Screwdriver #2 - 4"	
9123	Round Shank Screwdriver, 1/4" - 4"	
9125	Round Shank Screwdriver, 5/16" - 6"	
9126	Round Shank Screwdriver, 3/8" - 8"	
9536	Center Punch, 1/4"	
9556	Starter Punch, 3/16" x 5"	
9594	Pin Punch, 3/16" x 5-1/4"	
9602	Cold Chisel, 3/8" x 5-1/2"	
9604	Cold Chisel, 5/8" x 6-1/2"	
9AC10	Adjustable Wrench, 10"	
9C326	Long Nose Pliers w/Side Cutter, 6"	
9C437	Cutting Pliers, Box Joint, 7"	
9C526	Slip Joint Pliers Wire Cutting Shears, 6"	



## Industrial Maintenance Set – 1/4", 3/8" & 1/2" Drives

### Set No. 180

116 Pieces Including WT803 Six Drawer Chest with Tray

See Page 25 for photograph.

### Set No. 181

115 Pieces  
(Tools Only - Chest Not Included)

Part No.	Description	Size	Part No.	Description	Size
<b>FLAT WRENCHES</b>			<b>1/2" DRIVE SOCKETS &amp; ATTACHMENTS</b>		
1108	Combination Wrench, 12 Pt.	1/4"	4114	12 Pt. Standard Socket	7/16"
1110	Combination Wrench, 12 Pt.	5/16"	4116	12 Pt. Standard Socket	1/2"
1112	Combination Wrench, 12 Pt.	3/8"	4118	12 Pt. Standard Socket	9/16"
1114	Combination Wrench, 12 Pt.	7/16"	4120	12 Pt. Standard Socket	5/8"
1116	Combination Wrench, 12 Pt.	1/2"	4122	12 Pt. Standard Socket	11/16"
1118	Combination Wrench, 12 Pt.	9/16"	4124	12 Pt. Standard Socket	3/4"
1120	Combination Wrench, 12 Pt.	5/8"	4126	12 Pt. Standard Socket	13/16"
1122	Combination Wrench, 12 Pt.	11/16"	4128	12 Pt. Standard Socket	7/8"
1124	Combination Wrench, 12 Pt.	3/4"	4130	12 Pt. Standard Socket	15/16"
1126	Combination Wrench, 12 Pt.	13/16"	4132	12 Pt. Standard Socket	1"
1128	Combination Wrench, 12 Pt.	7/8"	4134	12 Pt. Standard Socket	1-1/16"
1130	Combination Wrench, 12 Pt.	15/16"	4136	12 Pt. Standard Socket	1-1/8"
1132	Combination Wrench, 12 Pt.	1"	4138	12 Pt. Standard Socket	1-3/16"
1134	Combination Wrench, 12 Pt.	1-1/16"	4140	12 Pt. Standard Socket	1-1/4"
1136	Combination Wrench, 12 Pt.	1-1/8"	4402	2" Extension	
1140	Combination Wrench, 12 Pt.	1-1/4"	4405	5" Extension	
1310	Open End Wrench	1/4" x 5/16"	4410	10" Extension	
1314	Open End Wrench	3/8" x 7/16"	4426	Ratchet, 10-1/2" Series 400, Knurled Grip	
1318	Open End Wrench	1/2" x 9/16"	4435	Flex Handle	
1322	Open End Wrench	5/8" x 11/16"	4475	Universal	
1326	Open End Wrench	3/4" x 13/16"			
1330	Open End Wrench	7/8" x 15/16"			
1340	Open End Wrench	1-1/8" x 1-1/4"			
1614	Flare Nut Wrench	3/8" x 7/16"			
1618	Flare Nut Wrench	1/2" x 9/16"			
1622	Flare Nut Wrench	5/8" x 11/16"			
<b>1/4" DRIVE SOCKETS &amp; ATTACHMENTS</b>			<b>SERVICE TOOLS</b>		
2006	6 Pt. Standard Socket	3/16"	798	Miniature Combination Wrench Set, 8 Pieces	
2007	6 Pt. Standard Socket	7/32"	9030	Soft Face Hammer, 12 Oz., 1.25" Tip Dia.	
2008	6 Pt. Standard Socket	1/4"	9042	Ball Peen Hammer, Fiberglass Handle, 16 Oz.	
2009	6 Pt. Standard Socket	9/32"	9105	Phillips Screwdriver #2 - 4"	
2010	6 Pt. Standard Socket	5/16"	9123	Round Shank Screwdriver, 1/4" - 4"	
2011	6 Pt. Standard Socket	11/32"	9125	Round Shank Screwdriver, 5/16" - 6"	
2012	6 Pt. Standard Socket	3/8"	9126	Round Shank Screwdriver, 3/8" - 8"	
2014	6 Pt. Standard Socket	7/16"	9507	Tape Measure, 3/4" x 16'	
2016	6 Pt. Standard Socket	1/2"	9520	Hacksaw	
2402	2" Extension		9522	Replaceable Hacksaw Blades, 12" - 24T, 10 each	
2406	6" Extension		9523	Hacksaw	
2435	Flex Handle		9660	Punch & Chisel Set - 6 Pieces	
2441	Spinner		9AC08	Adjustable Wrench, 8"	
2475	Universal Joint		9AC12	Adjustable Wrench, 12"	
2492	Ratchet, 5-1/4"		9C326	Long Nose Pliers w/Side Cutter, 6"	
			9C437	Box Joint Cutting Pliers, 7"	
			9P6716S	Aviation Snips, Cuts Straight, Yellow, 10"	
			9V7R	Straight Jaw Locking Pliers, 7"	
			711	Chain	
			746	Tag	
<b>3/8" DRIVE SOCKETS &amp; ATTACHMENTS</b>					
3112	12 Pt. Standard Socket	3/8"			
3114	12 Pt. Standard Socket	7/16"			
3116	12 Pt. Standard Socket	1/2"			
3118	12 Pt. Standard Socket	9/16"			
3120	12 Pt. Standard Socket	5/8"			
3122	12 Pt. Standard Socket	11/16"			
3124	12 Pt. Standard Socket	3/4"			
3403	3" Extension				
3408	8" Extension				
3412	12" Extension				
3426	Ratchet, 7" Knurled Grip				
3435	Flex Handle, 8-1/2" Knurled Steel Grip				
3475	Universal				

CONTENTS OF MASTER SETS



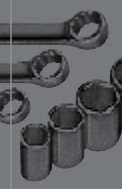
**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.



## Aircraft Mechanic's Starter Set – 1/4", 3/8" & 1/2" Drives

### Set No. 185

108 Pieces Including WT523  
Three Drawer Chest

See Page 26 for photograph.

### Set No. 186

107 Pieces  
(Tools Only - Chest Not Included)

Part No.	Description	Size
<b>FLAT WRENCHES</b>		
1110	Combination Wrench, 12 Pt.	5/16"
1112	Combination Wrench, 12 Pt.	3/8"
1114	Combination Wrench, 12 Pt.	7/16"
1116	Combination Wrench, 12 Pt.	1/2"
1118	Combination Wrench, 12 Pt.	9/16"
1120	Combination Wrench, 12 Pt.	5/8"
1122	Combination Wrench, 12 Pt.	11/16"
1124	Combination Wrench, 12 Pt.	3/4"
1126	Combination Wrench, 12 Pt.	13/16"
1128	Combination Wrench, 12 Pt.	7/8"
1130	Combination Wrench, 12 Pt.	15/16"
1132	Combination Wrench, 12 Pt.	1"
1134	Combination Wrench, 12 Pt.	1-1/16"
1136	Combination Wrench, 12 Pt.	1-1/8"
1140	Combination Wrench, 12 Pt.	1-1/4"
<b>1/4" DRIVE SOCKETS &amp; ATTACHMENTS</b>		
2106	12 Pt. Standard Socket	3/16"
2107	12 Pt. Standard Socket	7/32"
2108	12 Pt. Standard Socket	1/4"
2109	12 Pt. Standard Socket	9/32"
2110	12 Pt. Standard Socket	5/16"
2111	12 Pt. Standard Socket	11/32"
2112	12 Pt. Standard Socket	3/8"
2114	12 Pt. Standard Socket	7/16"
2116	12 Pt. Standard Socket	1/2"
2118	12 Pt. Standard Socket	9/16"
2402	2" Extension	
2406	6" Extension	
2441	Spinner	
2475	Universal Joint	
2492	Ratchet, 5-1/4"	
2606	12 Pt. Deep Socket	3/16"
2607	12 Pt. Deep Socket	7/32"
2608	12 Pt. Deep Socket	1/4"
2609	12 Pt. Deep Socket	9/32"
2610	12 Pt. Deep Socket	5/16"
2611	12 Pt. Deep Socket	11/32"
2612	12 Pt. Deep Socket	3/8"
2614	12 Pt. Deep Socket	7/16"
2616	12 Pt. Deep Socket	1/2"
2618	12 Pt. Deep Socket	9/16"
<b>3/8" DRIVE SOCKETS &amp; ATTACHMENTS</b>		
3112	12 Pt. Standard Socket	3/8"
3114	12 Pt. Standard Socket	7/16"
3116	12 Pt. Standard Socket	1/2"
3118	12 Pt. Standard Socket	9/16"
3120	12 Pt. Standard Socket	5/8"
3122	12 Pt. Standard Socket	11/16"
3124	12 Pt. Standard Socket	3/4"
3126	12 Pt. Standard Socket	13/16"
3128	12 Pt. Standard Socket	7/8"
3403	3" Extension	
3412	12" Extension	
3426	Ratchet, 7" Knurled Grip	
3435	Flex Handle, 8-1/2" Knurled Steel Grip	
3445	Speeder, 14-1/2"	
3454	Adaptor, 3/8" F x 1/2" M	
3475	Universal	
<b>1/2" DRIVE SOCKETS &amp; ATTACHMENTS</b>		
4528	6 Pt. Deep Socket	7/8"

Part No.	Description
<b>SERVICE TOOLS</b>	
9030	Soft Face Hammer, 12 Oz., 1.25"
9040	Ball Peen Hammer, Fiberglass Handle, 8 Oz.
9104	Phillips Screwdriver #1 - 3"
9105	Phillips Screwdriver #2 - 4"
9106	Phillips Screwdriver #3 - 6"
9114	Cabinet Tip Screwdriver, 3/16" - 3"
9115	Cabinet Tip Screwdriver, 3/16" - 4"
9116	Cabinet Tip Screwdriver, 3/16" - 6"
9123	Round Shank Screwdriver, 1/4" - 4"
9125	Round Shank Screwdriver, 5/16" - 6"
9183	Offset Screwdriver, Std. Tip, 1/4"
9186	Offset Screwdriver, #1 x #2
9466	Safety Wire Twister Pliers, 10-3/8"
9521	Carbon Steel Blades, 10 each
9523	Hacksaw
9529	Feeler Gauge, 25-Blade Metric
9534	Flexible Magnetic Retrieving Tool, 19-1/2"
9535	Magnetic Pick-up Tool
9538	Center Punch, 3/8" x 5"
9558	Starter Punch, 5/16" x 4-1/4"
9592	Pin Punch, 1/8" x 4-3/4"
9594	Pin Punch, 3/16" x 5-1/4"
9603	Cold Chisel, 1/2" x 6"
9702	Rectangular Mirror
9AC10	Adjustable Wrench, 10"
9C326	Long Nose Pliers w/Side Cutter, 6"
9C420	Tongue and Groove Pliers, 9-1/2"
9C436	Pliers, Box Joint
9C526	Slip Joint Pliers Wire Cutting Shear, 6"
9C718	Duck Bill Needle Nose, 7"
9P6716L	Aviation Snips, Cuts Left, Red, 10"
9P6716R	Aviation Snips, Cuts Right, Green, 10"
9P6716S	Aviation Snips, Cuts Straight, Yellow, 10"
9V7R	Straight Jaw Locking Pliers, 7"
9E69207	Hex Key Set, Short Arm, 7 Pieces

CONTENTS OF MASTER SETS



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.

## Metric Add-On Set – 1/4", 3/8" & 1/2" Drives

### Set No. 189

151 Pieces (Tools Only)

See Page 27 for photograph.

Part No.	Description	Size	Part No.	Description	Size	Part No.	Description	Size
<b>FLAT WRENCHES</b>			<b>3/8" DRIVE SOCKETS &amp; ATTACHMENTS</b>			42-12mm Hex Bit Socket 12mm		
10-10mm	3/8" Drive Metric Crowfoot Wrench	10mm	30-06mm	6 Pt. Standard Metric Socket	6mm	42-14mm	Hex Bit Socket	14mm
10-11mm	3/8" Drive Metric Crowfoot Wrench	11mm	30-07mm	6 Pt. Standard Metric Socket	7mm	42-17mm	Hex Bit Socket	17mm
10-12mm	3/8" Drive Metric Crowfoot Wrench	12mm	31-08mm	12 Pt. Standard Metric Socket	8mm	46-09mm	12 Pt. Deep Metric Socket	9mm
10-13mm	3/8" Drive Metric Crowfoot Wrench	13mm	31-09mm	12 Pt. Standard Metric Socket	9mm	46-10mm	12 Pt. Deep Metric Socket	10mm
10-14mm	3/8" Drive Metric Crowfoot Wrench	14mm	31-10mm	12 Pt. Standard Metric Socket	10mm	46-11mm	12 Pt. Deep Metric Socket	11mm
10-15mm	3/8" Drive Metric Crowfoot Wrench	15mm	31-11mm	12 Pt. Standard Metric Socket	11mm	46-12mm	12 Pt. Deep Metric Socket	12mm
10-16mm	3/8" Drive Metric Crowfoot Wrench	16mm	31-12mm	12 Pt. Standard Metric Socket	12mm	46-13mm	12 Pt. Deep Metric Socket	13mm
10-17mm	3/8" Drive Metric Crowfoot Wrench	17mm	31-13mm	12 Pt. Standard Metric Socket	13mm	46-14mm	12 Pt. Deep Metric Socket	14mm
10-18mm	3/8" Drive Metric Crowfoot Wrench	18mm	31-14mm	12 Pt. Standard Metric Socket	14mm	46-15mm	12 Pt. Deep Metric Socket	15mm
10-19mm	3/8" Drive Metric Crowfoot Wrench	19mm	31-15mm	12 Pt. Standard Metric Socket	15mm	46-16mm	12 Pt. Deep Metric Socket	16mm
11-06mm	Metric Combination Wrench, 12 Pt.	6mm	31-16mm	12 Pt. Standard Metric Socket	16mm	46-17mm	12 Pt. Deep Metric Socket	17mm
11-07mm	Metric Combination Wrench, 12 Pt.	7mm	31-17mm	12 Pt. Standard Metric Socket	17mm	46-18mm	12 Pt. Deep Metric Socket	18mm
11-08mm	Metric Combination Wrench, 12 Pt.	8mm	31-18mm	12 Pt. Standard Metric Socket	18mm	46-19mm	12 Pt. Deep Metric Socket	19mm
11-09mm	Metric Combination Wrench, 12 Pt.	9mm	31-19mm	12 Pt. Standard Metric Socket	19mm	46-20mm	12 Pt. Deep Metric Socket	20mm
11-10mm	Metric Combination Wrench, 12 Pt.	10mm	31-20mm	12 Pt. Standard Metric Socket	20mm	46-21mm	12 Pt. Deep Metric Socket	21mm
11-11mm	Metric Combination Wrench, 12 Pt.	11mm	31-21mm	12 Pt. Standard Metric Socket	21mm	46-22mm	12 Pt. Deep Metric Socket	22mm
11-12mm	Metric Combination Wrench, 12 Pt.	12mm	31-22mm	12 Pt. Standard Metric Socket	22mm	46-24mm	12 Pt. Deep Metric Socket	24mm
11-13mm	Metric Combination Wrench, 12 Pt.	13mm	32-02.5mm	Metric Hex Bit Socket	2.5mm	46-25mm	12 Pt. Deep Metric Socket	25mm
11-14mm	Metric Combination Wrench, 12 Pt.	14mm	32-02mm	Metric Hex Bit Socket	2mm	46-26mm	12 Pt. Deep Metric Socket	26mm
11-15mm	Metric Combination Wrench, 12 Pt.	15mm	32-03mm	Metric Hex Bit Socket	3mm	<b>SERVICE TOOLS</b>		
11-16mm	Metric Combination Wrench, 12 Pt.	16mm	32-04mm	Metric Hex Bit Socket	4mm	9E10609	Hex Key Set, Long Arm Metric - 9 Pieces	
11-17mm	Metric Combination Wrench, 12 Pt.	17mm	32-05mm	Metric Hex Bit Socket	5mm			
11-18mm	Metric Combination Wrench, 12 Pt.	18mm	32-06mm	Metric Hex Bit Socket	6mm			
11-19mm	Metric Combination Wrench, 12 Pt.	19mm	32-08mm	Metric Hex Bit Socket	8mm			
11-20mm	Metric Combination Wrench, 12 Pt.	20mm	32-10mm	Metric Hex Bit Socket	10mm			
11-21mm	Metric Combination Wrench, 12 Pt.	21mm	35-06mm	6 Pt. Deep Metric Socket	6mm			
11-22mm	Metric Combination Wrench, 12 Pt.	22mm	35-07mm	6 Pt. Deep Metric Socket	7mm			
11-23mm	Metric Combination Wrench, 12 Pt.	23mm	35-08mm	6 Pt. Deep Metric Socket	8mm			
11-24mm	Metric Combination Wrench, 12 Pt.	24mm	35-09mm	6 Pt. Deep Metric Socket	9mm			
11-25mm	Metric Combination Wrench, 12 Pt.	25mm	35-10mm	6 Pt. Deep Metric Socket	10mm			
11-26mm	Metric Combination Wrench, 12 Pt.	26mm	35-11mm	6 Pt. Deep Metric Socket	11mm			
11-27mm	Metric Combination Wrench, 12 Pt.	27mm	35-12mm	6 Pt. Deep Metric Socket	12mm			
11-30mm	Metric Combination Wrench, 12 Pt.	30mm	35-13mm	6 Pt. Deep Metric Socket	13mm			
11-32mm	Metric Combination Wrench, 12 Pt.	32mm	35-14mm	6 Pt. Deep Metric Socket	14mm			
11-36mm	Metric Combination Wrench, 12 Pt.	36mm	35-15mm	6 Pt. Deep Metric Socket	15mm			
16-11mm	Metric Flare Nut Wrench, 6 Pt.	9mm x 11mm	35-16mm	6 Pt. Deep Metric Socket	16mm			
16-12mm	Metric Flare Nut Wrench, 6 Pt.	10mm x 12mm	35-17mm	6 Pt. Deep Metric Socket	17mm			
16-14mm	Metric Flare Nut Wrench, 6 Pt.	13mm x 14mm	35-18mm	6 Pt. Deep Metric Socket	18mm			
16-17mm	Metric Flare Nut Wrench, 6 Pt.	15mm x 17mm	35-19mm	6 Pt. Deep Metric Socket	19mm			
16-21mm	Metric Flare Nut Wrench, 6 Pt.	19mm x 21mm	<b>1/2" DRIVE SOCKETS &amp; ATTACHMENTS</b>					
<b>1/4" DRIVE SOCKETS</b>			41-09mm	12 Pt. Standard Metric Socket	9mm			
20-04mm	6 Pt. Standard Metric Socket	4mm	41-10mm	12 Pt. Standard Metric Socket	10mm			
20-05mm	6 Pt. Standard Metric Socket	5mm	41-11mm	12 Pt. Standard Metric Socket	11mm			
20-06mm	6 Pt. Standard Metric Socket	6mm	41-12mm	12 Pt. Standard Metric Socket	12mm			
20-07mm	6 Pt. Standard Metric Socket	7mm	41-13mm	12 Pt. Standard Metric Socket	13mm			
20-08mm	6 Pt. Standard Metric Socket	8mm	41-14mm	12 Pt. Standard Metric Socket	14mm			
20-09mm	6 Pt. Standard Metric Socket	9mm	41-15mm	12 Pt. Standard Metric Socket	15mm			
20-10mm	6 Pt. Standard Metric Socket	10mm	41-16mm	12 Pt. Standard Metric Socket	16mm			
20-11mm	6 Pt. Standard Metric Socket	11mm	41-17mm	12 Pt. Standard Metric Socket	17mm			
20-12mm	6 Pt. Standard Metric Socket	12mm	41-18mm	12 Pt. Standard Metric Socket	18mm			
20-13mm	6 Pt. Standard Metric Socket	13mm	41-19mm	12 Pt. Standard Metric Socket	19mm			
20-14mm	6 Pt. Standard Metric Socket	14mm	41-20mm	12 Pt. Standard Metric Socket	20mm			
25-04mm	6 Pt. Deep Metric Socket	4mm	41-21mm	12 Pt. Standard Metric Socket	21mm			
25-05mm	6 Pt. Deep Metric Socket	5mm	41-22mm	12 Pt. Standard Metric Socket	22mm			
25-06mm	6 Pt. Deep Metric Socket	6mm	41-23mm	12 Pt. Standard Metric Socket	23mm			
25-07mm	6 Pt. Deep Metric Socket	7mm	41-24mm	12 Pt. Standard Metric Socket	24mm			
25-08mm	6 Pt. Deep Metric Socket	8mm	41-25mm	12 Pt. Standard Metric Socket	25mm			
25-09mm	6 Pt. Deep Metric Socket	9mm	41-26mm	12 Pt. Standard Metric Socket	26mm			
25-10mm	6 Pt. Deep Metric Socket	10mm	41-27mm	12 Pt. Standard Metric Socket	27mm			
25-11mm	6 Pt. Deep Metric Socket	11mm	41-30mm	12 Pt. Standard Metric Socket	30mm			
25-12mm	6 Pt. Deep Metric Socket	12mm	41-32mm	12 Pt. Standard Metric Socket	32mm			
25-13mm	6 Pt. Deep Metric Socket	13mm	41-36mm	12 Pt. Standard Metric Socket	36mm			

CONTENTS OF MASTER SETS

	<b>WARNING</b> Wear safety goggles user and bystander.		<b>WARNING</b> Before using tools, read safety information on pages 399-403.		<b>WARNING</b> Comfort or plastic grips do not protect against electric shock.
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## Master Metric Maintenance Set – 1/4", 3/8" & 1/2" Drives

### Set No. 190

265 Pieces Including

WT804 Twelve Drawer Chest & WT896 Eleven Drawer Roller Cabinet

### Set No. 191

263 Pieces

(Tools Only - Cabinets Not Included)

See Page 28 for photograph.

Part No.	Description	Size	Part No.	Description	Size	Part No.	Description	Size
<b>FLAT WRENCHES</b>			25-07mm	6 Pt. Deep Metric Socket	7mm	35-18mm	6 Pt. Deep Metric Socket	18mm
10-10mm	3/8" Drive Metric Crowfoot Wrench	10mm	25-08mm	6 Pt. Deep Metric Socket	8mm	35-19mm	6 Pt. Deep Metric Socket	19mm
10-11mm	3/8" Drive Metric Crowfoot Wrench	11mm	25-09mm	6 Pt. Deep Metric Socket	9mm	<b>1/2" DRIVE SOCKETS &amp; ATTACHMENTS</b>		
10-12mm	3/8" Drive Metric Crowfoot Wrench	12mm	25-10mm	6 Pt. Deep Metric Socket	10mm	41-09mm	12 Pt. Standard Metric Socket	9mm
10-13mm	3/8" Drive Metric Crowfoot Wrench	13mm	25-11mm	6 Pt. Deep Metric Socket	11mm	41-10mm	12 Pt. Standard Metric Socket	10mm
10-14mm	3/8" Drive Metric Crowfoot Wrench	14mm	25-12mm	6 Pt. Deep Metric Socket	12mm	41-11mm	12 Pt. Standard Metric Socket	11mm
10-15mm	3/8" Drive Metric Crowfoot Wrench	15mm	25-13mm	6 Pt. Deep Metric Socket	13mm	41-12mm	12 Pt. Standard Metric Socket	12mm
10-16mm	3/8" Drive Metric Crowfoot Wrench	16mm	<b>3/8" DRIVE SOCKETS &amp; ATTACHMENTS</b>			41-13mm	12 Pt. Standard Metric Socket	13mm
10-17mm	3/8" Drive Metric Crowfoot Wrench	17mm	30-06mm	6 Pt. Standard Metric Socket	6mm	41-14mm	12 Pt. Standard Metric Socket	14mm
10-18mm	3/8" Drive Metric Crowfoot Wrench	18mm	30-07mm	6 Pt. Standard Metric Socket	7mm	41-15mm	12 Pt. Standard Metric Socket	15mm
10-19mm	3/8" Drive Metric Crowfoot Wrench	19mm	31-08mm	12 Pt. Standard Metric Socket	8mm	41-16mm	12 Pt. Standard Metric Socket	16mm
11-06mm	Metric Combination Wrench, 12 Pt.	6mm	31-09mm	12 Pt. Standard Metric Socket	9mm	41-17mm	12 Pt. Standard Metric Socket	17mm
11-07mm	Metric Combination Wrench, 12 Pt.	7mm	31-10mm	12 Pt. Standard Metric Socket	10mm	41-18mm	12 Pt. Standard Metric Socket	18mm
11-08mm	Metric Combination Wrench, 12 Pt.	8mm	31-11mm	12 Pt. Standard Metric Socket	11mm	41-19mm	12 Pt. Standard Metric Socket	19mm
11-09mm	Metric Combination Wrench, 12 Pt.	9mm	31-12mm	12 Pt. Standard Metric Socket	12mm	41-20mm	12 Pt. Standard Metric Socket	20mm
11-10mm	Metric Combination Wrench, 12 Pt.	10mm	31-13mm	12 Pt. Standard Metric Socket	13mm	41-21mm	12 Pt. Standard Metric Socket	21mm
11-11mm	Metric Combination Wrench, 12 Pt.	11mm	31-14mm	12 Pt. Standard Metric Socket	14mm	41-22mm	12 Pt. Standard Metric Socket	22mm
11-12mm	Metric Combination Wrench, 12 Pt.	12mm	31-15mm	12 Pt. Standard Metric Socket	15mm	41-23mm	12 Pt. Standard Metric Socket	23mm
11-13mm	Metric Combination Wrench, 12 Pt.	13mm	31-16mm	12 Pt. Standard Metric Socket	16mm	41-24mm	12 Pt. Standard Metric Socket	24mm
11-14mm	Metric Combination Wrench, 12 Pt.	14mm	31-17mm	12 Pt. Standard Metric Socket	17mm	41-25mm	12 Pt. Standard Metric Socket	25mm
11-15mm	Metric Combination Wrench, 12 Pt.	15mm	31-18mm	12 Pt. Standard Metric Socket	18mm	41-26mm	12 Pt. Standard Metric Socket	26mm
11-16mm	Metric Combination Wrench, 12 Pt.	16mm	31-19mm	12 Pt. Standard Metric Socket	19mm	41-27mm	12 Pt. Standard Metric Socket	27mm
11-17mm	Metric Combination Wrench, 12 Pt.	17mm	31-20mm	12 Pt. Standard Metric Socket	20mm	41-28mm	12 Pt. Standard Metric Socket	28mm
11-18mm	Metric Combination Wrench, 12 Pt.	18mm	31-21mm	12 Pt. Standard Metric Socket	21mm	41-29mm	12 Pt. Standard Metric Socket	29mm
11-19mm	Metric Combination Wrench, 12 Pt.	19mm	31-22mm	12 Pt. Standard Metric Socket	22mm	41-30mm	12 Pt. Standard Metric Socket	30mm
11-20mm	Metric Combination Wrench, 12 Pt.	20mm	32-02mm	Metric Hex Bit Socket	2mm	41-32mm	12 Pt. Standard Metric Socket	32mm
11-21mm	Metric Combination Wrench, 12 Pt.	21mm	32-02.5mm	Metric Hex Bit Socket	2.5mm	41-36mm	12 Pt. Standard Metric Socket	36mm
11-22mm	Metric Combination Wrench, 12 Pt.	22mm	32-03mm	Metric Hex Bit Socket	3mm	42-06mm	Hex Bit Socket	6mm
11-23mm	Metric Combination Wrench, 12 Pt.	23mm	32-04mm	Metric Hex Bit Socket	4mm	42-08mm	Hex Bit Socket	8mm
11-24mm	Metric Combination Wrench, 12 Pt.	24mm	32-05mm	Metric Hex Bit Socket	5mm	42-10mm	Hex Bit Socket	10mm
11-25mm	Metric Combination Wrench, 12 Pt.	25mm	32-06mm	Metric Hex Bit Socket	6mm	42-12mm	Hex Bit Socket	12mm
11-26mm	Metric Combination Wrench, 12 Pt.	26mm	32-08mm	Metric Hex Bit Socket	8mm	42-14mm	Hex Bit Socket	14mm
11-27mm	Metric Combination Wrench, 12 Pt.	27mm	32-10mm	Metric Hex Bit Socket	10mm	42-17mm	Hex Bit Socket	17mm
11-30mm	Metric Combination Wrench, 12 Pt.	30mm	3260	Standard Screwdriver Socket with Bit	1/4"	4402	2" Extension	
11-32mm	Metric Combination Wrench, 12 Pt.	32mm	3262	Standard Screwdriver Socket with Bit	3/8"	4405	5" Extension	
11-36mm	Metric Combination Wrench, 12 Pt.	36mm	3266	Phillips Screwdriver Socket with Bit	#2	4410	10" Extension	
16-11mm	Metric Flare Nut Wrench, 6 Pt.	9mm x 11mm	3267	Phillips Screwdriver Socket with Bit	#3	4420	20" Extension	
16-12mm	Metric Flare Nut Wrench, 6 Pt.	10mm x 12mm	3268	Phillips Screwdriver Socket with Bit	#4	4426	Ratchet, 10-1/2" Series 400, Knurled Grip	
16-14mm	Metric Flare Nut Wrench, 6 Pt.	13mm x 14mm	3402	2" Extension		4435	Flex Handle, 18" Knurled Steel Grip	
16-17mm	Metric Flare Nut Wrench, 6 Pt.	15mm x 17mm	3403	3" Extension		4443	Sliding T	
16-21mm	Metric Flare Nut Wrench, 6 Pt.	19mm x 21mm	3405	5" Extension		4445	Speeder	
<b>1/4" DRIVE SOCKETS &amp; ATTACHMENTS</b>			3408	8" Extension		4453	Adaptor, 1/2" F x 3/8" M	
20-04mm	6 Pt. Standard Metric Socket	4mm	3412	12" Extension		4475	Universal	
20-05mm	6 Pt. Standard Metric Socket	5mm	3424	24" Extension		4478	Micro-Adjustable Torque Wrench, 30-250 Ft. Lbs.	
20-06mm	6 Pt. Standard Metric Socket	6mm	3426	Ratchet, 7" Knurled Grip		46-09mm	12 Pt. Deep Metric Socket	9mm
20-07mm	6 Pt. Standard Metric Socket	7mm	3435	Flex Handle		46-10mm	12 Pt. Deep Metric Socket	10mm
20-08mm	6 Pt. Standard Metric Socket	8mm	3443	Sliding T		46-11mm	12 Pt. Deep Metric Socket	11mm
20-09mm	6 Pt. Standard Metric Socket	9mm	3445	Speeder, 14-1/2"		46-12mm	12 Pt. Deep Metric Socket	12mm
20-10mm	6 Pt. Standard Metric Socket	10mm	3452	Adaptor, 3/8" F x 1/4" M		46-13mm	12 Pt. Deep Metric Socket	13mm
20-11mm	6 Pt. Standard Metric Socket	11mm	3454	Adaptor, 3/8" F x 1/2" M		46-14mm	12 Pt. Deep Metric Socket	14mm
20-12mm	6 Pt. Standard Metric Socket	12mm	3475	Universal		46-15mm	12 Pt. Deep Metric Socket	15mm
20-13mm	6 Pt. Standard Metric Socket	13mm	35-06mm	6 Pt. Deep Metric Socket	6mm	46-16mm	12 Pt. Deep Metric Socket	16mm
20-14mm	6 Pt. Standard Metric Socket	14mm	35-07mm	6 Pt. Deep Metric Socket	7mm	46-17mm	12 Pt. Deep Metric Socket	17mm
2402	2" Extension		35-08mm	6 Pt. Deep Metric Socket	8mm	46-18mm	12 Pt. Deep Metric Socket	18mm
2404	4" Extension		35-09mm	6 Pt. Deep Metric Socket	9mm	46-19mm	12 Pt. Deep Metric Socket	19mm
2406	6" Extension		35-10mm	6 Pt. Deep Metric Socket	10mm	46-20mm	12 Pt. Deep Metric Socket	20mm
2410	10" Extension		35-11mm	6 Pt. Deep Metric Socket	11mm	46-21mm	12 Pt. Deep Metric Socket	21mm
2426	Ratchet, 4-3/4"		35-12mm	6 Pt. Deep Metric Socket	12mm	46-22mm	12 Pt. Deep Metric Socket	22mm
2441	Spinner		35-13mm	6 Pt. Deep Metric Socket	13mm	46-24mm	12 Pt. Deep Metric Socket	24mm
2475	Universal Joint		35-14mm	6 Pt. Deep Metric Socket	14mm	46-25mm	12 Pt. Deep Metric Socket	25mm
25-04mm	6 Pt. Deep Metric Socket	4mm	35-15mm	6 Pt. Deep Metric Socket	15mm	46-26mm	12 Pt. Deep Metric Socket	26mm
25-05mm	6 Pt. Deep Metric Socket	5mm	35-16mm	6 Pt. Deep Metric Socket	16mm			
25-06mm	6 Pt. Deep Metric Socket	6mm	35-17mm	6 Pt. Deep Metric Socket	17mm			



## Master Metric Maintenance Set – 1/4", 3/8" & 3/4" Drives - Sets No. 190 and 191 - (continued)

Part No.	Description		
<b>SERVICE TOOLS</b>			
9023	Dead Blow Hammer with Super Grip, 1 Lb.		
9029	Brass Hammer with Super Grip, 2.5 Lbs.		
9030	Soft Face Hammer, 12 Oz., 1.25"		
9040	Ball Peen Hammer, Fiberglass Handle, 8 Oz.		
9042	Ball Peen Hammer, Fiberglass Handle, 16 Oz.		
9101	Phillips Screwdriver #2 - 1-1/2"		
9104	Phillips Screwdriver #1 - 3"		
9105	Phillips Screwdriver #2 - 4"		
9106	Phillips Screwdriver #3 - 6"		
9109	Phillips Screwdriver #4 - 8"		
9112	Cabinet Tip Screwdriver, 1/8" - 3"		
9122	Round Shank Screwdriver, 1/4" - 1-1/2"		
9123	Round Shank Screwdriver, 1/4" - 4"		
9125	Round Shank Screwdriver, 5/16" - 6"		
9126	Round Shank Screwdriver, 3/8" - 8"		
9132	Square Shank Screwdriver, 1/4" - 4"		
9134	Square Shank Screwdriver, 5/16" - 6"		
9135	Square Shank Screwdriver, 3/8" - 8"		
9136	Square Shank Screwdriver, 3/8" - 10"		
9181	Two-in-One Flip Screwdriver w/Pocket Clip #1 Phillips and 5/32" Slotted Blades. OAL 4-3/4"		
9184	Offset Screwdriver, 5/16"		
9186	Offset Screwdriver, #1 x #2		
9236	Metric Hollow Shaft Nut Driver, 4mm		
9237	Metric Hollow Shaft Nut Driver, 4.5mm		
9238	Metric Hollow Shaft Nut Driver, 5mm		
9239	Metric Hollow Shaft Nut Driver, 5.5mm		
9240	Metric Hollow Shaft Nut Driver, 6mm		
9241	Metric Hollow Shaft Nut Driver, 7mm		
9242	Metric Hollow Shaft Nut Driver, 8mm		
9244	Metric Hollow Shaft Nut Driver, 10mm		
9245	Metric Hollow Shaft Nut Driver, 11mm		
9R31020	RIDGID Pipe Wrench, 14"		
9471	Stripper/Crimper/Cutter, 10-20 AWG		
9481	Gasket Scraper, Blade Width 1-1/2"		
9491	Scraper, Stiff Blade, 1-1/4"		
9523	Hacksaw		
9526	Utility Knife		
9530	Feeler Gauge		
9535	Magnetic Pick-up Tool		
9576	Punch Bar, 5/8" x 18"		
9660	Punch & Chisel Kit, 6 Pieces		
9685	Punch & Chisel Holder		
9AC06	Adjustable Wrench, 6"		
9AC08	Adjustable Wrench, 8"		
9AC10	Adjustable Wrench, 10"		
9AC12	Adjustable Wrench, 12"		
9C326	Long Nose Pliers w/Side Cutter, 6"		
9C347	Linesman Pliers, Round Nose, 7"		
9C348	Linesman Pliers, Round Nose, 8"		
9C420	Tongue and Groove Pliers, 9-1/2"		
9C430	Tongue and Groove Pliers, 10"		
9C436	Pliers, Box Joint, 6"		
9C437	Pliers, Box Joint, 7"		
9C440	Tongue and Groove Pliers, 12"		
9C526	Slip Joint Pliers Wire Cutting Shears, 6"		
9G95202	Screw Extractor Set - 5 Pieces		
9H1234	Retaining Ring Pliers w/Replaceable Tips		
9P6716S	Aviation Snips, Cuts Straight, Yellow, 10"		
9V10R	Straight Jaw Locking Pliers, 10"		
9V7R	Straight Jaw Locking Pliers, 7"		
9E69210	Metric L-Key Set, Short Arm in Pouch - 10 Pieces		
9M42007	Dominator Carbon Scraper, 1-1/2"		



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.



## Metric Service Set – 1/4", 3/8" & 1/2" Drives

### Set No. 194

124 Pieces Including WT523  
Three Drawer Chest

See Page 29 for photograph.

### Set No. 195

123 Pieces  
(Tools Only - Cabinet Not Included)

Part No.	Description	Size
<b>FLAT WRENCHES</b>		
11-09mm	Metric Combination Wrench, 12 Pt.	9mm
11-10mm	Metric Combination Wrench, 12 Pt.	10mm
11-11mm	Metric Combination Wrench, 12 Pt.	11mm
11-12mm	Metric Combination Wrench, 12 Pt.	12mm
11-13mm	Metric Combination Wrench, 12 Pt.	13mm
11-14mm	Metric Combination Wrench, 12 Pt.	14mm
11-15mm	Metric Combination Wrench, 12 Pt.	15mm
11-16mm	Metric Combination Wrench, 12 Pt.	16mm
11-17mm	Metric Combination Wrench, 12 Pt.	17mm
11-18mm	Metric Combination Wrench, 12 Pt.	18mm
11-19mm	Metric Combination Wrench, 12 Pt.	19mm
11-20mm	Metric Combination Wrench, 12 Pt.	20mm
11-21mm	Metric Combination Wrench, 12 Pt.	21mm
11-22mm	Metric Combination Wrench, 12 Pt.	22mm
11-23mm	Metric Combination Wrench, 12 Pt.	23mm
11-24mm	Metric Combination Wrench, 12 Pt.	24mm
11-25mm	Metric Combination Wrench, 12 Pt.	25mm
11-26mm	Metric Combination Wrench, 12 Pt.	26mm
11-27mm	Metric Combination Wrench, 12 Pt.	27mm
11-30mm	Metric Combination Wrench, 12 Pt.	30mm
11-32mm	Metric Combination Wrench, 12 Pt.	32mm
11-36mm	Metric Combination Wrench, 12 Pt.	36mm
<b>1/4" DRIVE SOCKETS &amp; ATTACHMENTS</b>		
20-04mm	6 Pt. Standard Metric Socket	4mm
20-05mm	6 Pt. Standard Metric Socket	5mm
20-06mm	6 Pt. Standard Metric Socket	6mm
20-07mm	6 Pt. Standard Metric Socket	7mm
20-08mm	6 Pt. Standard Metric Socket	8mm
20-09mm	6 Pt. Standard Metric Socket	9mm
20-10mm	6 Pt. Standard Metric Socket	10mm
20-11mm	6 Pt. Standard Metric Socket	11mm
20-12mm	6 Pt. Standard Metric Socket	12mm
20-13mm	6 Pt. Standard Metric Socket	13mm
20-14mm	6 Pt. Standard Metric Socket	14mm
25-04mm	6 Pt. Deep Metric Socket	4mm
25-05mm	6 Pt. Deep Metric Socket	5mm
25-06mm	6 Pt. Deep Metric Socket	6mm
25-07mm	6 Pt. Deep Metric Socket	7mm
25-08mm	6 Pt. Deep Metric Socket	8mm
25-09mm	6 Pt. Deep Metric Socket	9mm
25-10mm	6 Pt. Deep Metric Socket	10mm
25-11mm	6 Pt. Deep Metric Socket	11mm
25-12mm	6 Pt. Deep Metric Socket	12mm
25-13mm	6 Pt. Deep Metric Socket	13mm
<b>3/8" DRIVE SOCKETS &amp; ATTACHMENTS</b>		
30-06mm	6 Pt. Standard Metric Socket	6mm
30-07mm	6 Pt. Standard Metric Socket	7mm
31-08mm	12 Pt. Standard Metric Socket	8mm
31-09mm	12 Pt. Standard Metric Socket	9mm
31-10mm	12 Pt. Standard Metric Socket	10mm
31-11mm	12 Pt. Standard Metric Socket	11mm
31-12mm	12 Pt. Standard Metric Socket	12mm
31-13mm	12 Pt. Standard Metric Socket	13mm
31-14mm	12 Pt. Standard Metric Socket	14mm
31-15mm	12 Pt. Standard Metric Socket	15mm
31-16mm	12 Pt. Standard Metric Socket	16mm
31-17mm	12 Pt. Standard Metric Socket	17mm
31-18mm	12 Pt. Standard Metric Socket	18mm
31-19mm	12 Pt. Standard Metric Socket	19mm
3403	3" Extension	
3408	8" Extension	

Part No.	Description	Size
3412	12" Extension	
3426	Ratchet, 7" Knurled Grip	
3435	Flex Handle	
3452	Adaptor, 3/8" F x 1/4" M	
3475	Universal	
36-09mm	12 Pt. Deep Metric Socket	9mm
36-10mm	12 Pt. Deep Metric Socket	10mm
36-11mm	12 Pt. Deep Metric Socket	11mm
36-12mm	12 Pt. Deep Metric Socket	12mm
36-13mm	12 Pt. Deep Metric Socket	13mm
36-14mm	12 Pt. Deep Metric Socket	14mm
36-15mm	12 Pt. Deep Metric Socket	15mm
<b>1/2" DRIVE SOCKETS &amp; ATTACHMENTS</b>		
41-09mm	12 Pt. Standard Metric Socket	9mm
41-10mm	12 Pt. Standard Metric Socket	10mm
41-11mm	12 Pt. Standard Metric Socket	11mm
41-12mm	12 Pt. Standard Metric Socket	12mm
41-13mm	12 Pt. Standard Metric Socket	13mm
41-14mm	12 Pt. Standard Metric Socket	14mm
41-15mm	12 Pt. Standard Metric Socket	15mm
41-16mm	12 Pt. Standard Metric Socket	16mm
41-17mm	12 Pt. Standard Metric Socket	17mm
41-18mm	12 Pt. Standard Metric Socket	18mm
41-19mm	12 Pt. Standard Metric Socket	19mm
41-20mm	12 Pt. Standard Metric Socket	20mm
41-21mm	12 Pt. Standard Metric Socket	21mm
41-22mm	12 Pt. Standard Metric Socket	22mm
41-23mm	12 Pt. Standard Metric Socket	23mm
41-24mm	12 Pt. Standard Metric Socket	24mm
41-25mm	12 Pt. Standard Metric Socket	25mm
41-26mm	12 Pt. Standard Metric Socket	26mm
41-27mm	12 Pt. Standard Metric Socket	27mm
41-30mm	12 Pt. Standard Metric Socket	30mm
41-32mm	12 Pt. Standard Metric Socket	32mm
41-36mm	12 Pt. Standard Metric Socket	36mm
4405	5" Extension	
4410	10" Extension	
4426	Ratchet, 10-1/2" Series 400, Knurled Grip	
4435	Flex Handle, 18" Knurled Steel Grip	
4475	Universal	
<b>SERVICE TOOLS</b>		
9032	Soft Face Hammer, 37 Oz., 1.75"	
9042	Ball Peen Hammer, Fiberglass Handle, 16 Oz.	
9105	Phillips Screwdriver #2 - 4"	
9114	Cabinet Tip Screwdriver, 3/16" - 3"	
9132	Square Shank Screwdriver, 1/4" - 4"	
9134	Square Shank Screwdriver, 5/16" - 6"	
9538	Center Punch, 3/8" x 5"	
9556	Starter Punch, 3/16" x 5"	
9594	Pin Punch, 3/16" x 5-1/4"	
9602	Cold Chisel, 3/8" x 5-1/2"	
9603	Cold Chisel, 1/2" x 6"	
9AC10	Adjustable Wrench, 10"	
9C317	Long Nose Pliers w/Side Cutter	
9C447	Cutting Pliers, Curved Diagonal, Box Joint, 7-3/4"	
9C526	Slip Joint Pliers Wire Cutting Shears, 6"	
9E69210	Metric L-Key Set, Short Arm in Pouch - 10 Pieces	

CONTENTS OF MASTER SETS





## Metric Apprentice Set – 3/8" & 1/2" Drives




### Set No. 199

77 Pieces Including WT528 Tool Box

See Page 30 for photograph.

Part No.	Description	Size	Part No.	Description	Size
<b>FLAT WRENCHES</b>			<b>1/2" DRIVE SOCKETS &amp; ATTACHMENTS</b>		
11-06mm	Metric Combination Wrench, 12 Pt.	6mm	41-09mm	12 Pt. Standard Metric Socket	9mm
11-07mm	Metric Combination Wrench, 12 Pt.	7mm	41-10mm	12 Pt. Standard Metric Socket	10mm
11-08mm	Metric Combination Wrench, 12 Pt.	8mm	41-11mm	12 Pt. Standard Metric Socket	11mm
11-09mm	Metric Combination Wrench, 12 Pt.	9mm	41-12mm	12 Pt. Standard Metric Socket	12mm
11-10mm	Metric Combination Wrench, 12 Pt.	10mm	41-13mm	12 Pt. Standard Metric Socket	13mm
11-11mm	Metric Combination Wrench, 12 Pt.	11mm	41-14mm	12 Pt. Standard Metric Socket	14mm
11-12mm	Metric Combination Wrench, 12 Pt.	12mm	41-15mm	12 Pt. Standard Metric Socket	15mm
11-13mm	Metric Combination Wrench, 12 Pt.	13mm	41-16mm	12 Pt. Standard Metric Socket	16mm
11-14mm	Metric Combination Wrench, 12 Pt.	14mm	41-17mm	12 Pt. Standard Metric Socket	17mm
11-15mm	Metric Combination Wrench, 12 Pt.	15mm	41-18mm	12 Pt. Standard Metric Socket	18mm
11-16mm	Metric Combination Wrench, 12 Pt.	16mm	41-19mm	12 Pt. Standard Metric Socket	19mm
11-17mm	Metric Combination Wrench, 12 Pt.	17mm	41-20mm	12 Pt. Standard Metric Socket	20mm
11-18mm	Metric Combination Wrench, 12 Pt.	18mm	41-21mm	12 Pt. Standard Metric Socket	21mm
11-19mm	Metric Combination Wrench, 12 Pt.	19mm	41-22mm	12 Pt. Standard Metric Socket	22mm
11-20mm	Metric Combination Wrench, 12 Pt.	20mm	41-23mm	12 Pt. Standard Metric Socket	23mm
11-21mm	Metric Combination Wrench, 12 Pt.	21mm	41-24mm	12 Pt. Standard Metric Socket	24mm
11-22mm	Metric Combination Wrench, 12 Pt.	22mm	41-25mm	12 Pt. Standard Metric Socket	25mm
11-23mm	Metric Combination Wrench, 12 Pt.	23mm	41-26mm	12 Pt. Standard Metric Socket	26mm
11-24mm	Metric Combination Wrench, 12 Pt.	24mm	41-27mm	12 Pt. Standard Metric Socket	27mm
<b>3/8" DRIVE SOCKETS &amp; ATTACHMENTS</b>			41-30mm	12 Pt. Standard Metric Socket	30mm
30-06mm	6 Pt. Standard Metric Socket	6mm	41-32mm	12 Pt. Standard Metric Socket	32mm
30-07mm	6 Pt. Standard Metric Socket	7mm	41-36mm	12 Pt. Standard Metric Socket	36mm
31-08mm	12 Pt. Standard Metric Socket	8mm	4405	5" Extension	
31-09mm	12 Pt. Standard Metric Socket	9mm	4426	Ratchet, 10-1/2" Series 400, Knurled Grip	
31-10mm	12 Pt. Standard Metric Socket	10mm	4435	Flex Handle, 18" Knurled Steel Grip	
31-11mm	12 Pt. Standard Metric Socket	11mm	4475	Universal	
31-12mm	12 Pt. Standard Metric Socket	12mm	<b>SERVICE TOOLS</b>		
31-13mm	12 Pt. Standard Metric Socket	13mm	9C526	Slip Joint Pliers Wire Cutting Shears, 6"	
31-14mm	12 Pt. Standard Metric Socket	14mm	9E69210	Metric L-Key Set, Short Arm in Pouch - 10 Pieces	
31-15mm	12 Pt. Standard Metric Socket	15mm	WT528	Tool Box w/Tray	
31-16mm	12 Pt. Standard Metric Socket	16mm			
31-17mm	12 Pt. Standard Metric Socket	17mm			
31-18mm	12 Pt. Standard Metric Socket	18mm			
31-19mm	12 Pt. Standard Metric Socket	19mm			
31-20mm	12 Pt. Standard Metric Socket	20mm			
31-21mm	12 Pt. Standard Metric Socket	21mm			
31-22mm	12 Pt. Standard Metric Socket	22mm			
3405	5" Extension				
3426	Ratchet, 7" Knurled Grip				

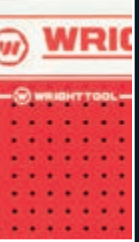
CONTENTS OF MASTER SETS

	<p><b>WARNING</b></p> <p>Wear safety goggles user and bystander.</p>		<p><b>WARNING</b></p> <p>Before using tools, read safety information on pages 399-403.</p>		<p><b>WARNING</b></p> <p>Comfort or plastic grips do not protect against electric shock.</p>
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# DISPLAY BOARDS



Wright Tool offers a wide selection of display boards to help you show and sell Wright products. There's a display board for virtually every product category, as well as modular boards and components that let you customize your tool offering.



# RED, WRIGHT AND BLUE

**ASME B107.100** – Flat Wrenches

**ASME B107.110** – Socket Wrenches

**ASME B107.400** – Striking Tools/Hammers

**ASME B107.500** – Pliers

**ASME B107.510** – Pliers and Shears



NOTE: Wright Tool Display Board measures 24" x 24"  
(unless otherwise specified).  
Wright Tool Display Header measures 24" x 5"

## Fractional Combination Wrenches

**WRIGHT**Grip®

**D977** – 17 Pieces, Satin Wrenches

**D978** – 17 Pieces, Full Polish Wrenches

**D941B** – Board Only

Part No.	Description	Size	Part No.	Description	Size
<b>D977</b>			<b>D978</b>		
1108	Combination Wrench, 12 Pt.	1/4"	1208	Combination Wrench, 12 Pt.	1/4"
1110	Combination Wrench, 12 Pt.	5/16"	1210	Combination Wrench, 12 Pt.	5/16"
1112	Combination Wrench, 12 Pt.	3/8"	1212	Combination Wrench, 12 Pt.	3/8"
1114	Combination Wrench, 12 Pt.	7/16"	1214	Combination Wrench, 12 Pt.	7/16"
1116	Combination Wrench, 12 Pt.	1/2"	1216	Combination Wrench, 12 Pt.	1/2"
1118	Combination Wrench, 12 Pt.	9/16"	1218	Combination Wrench, 12 Pt.	9/16"
1120	Combination Wrench, 12 Pt.	5/8"	1220	Combination Wrench, 12 Pt.	5/8"
1122	Combination Wrench, 12 Pt.	11/16"	1222	Combination Wrench, 12 Pt.	11/16"
1124	Combination Wrench, 12 Pt.	3/4"	1224	Combination Wrench, 12 Pt.	3/4"
1126	Combination Wrench, 12 Pt.	13/16"	1226	Combination Wrench, 12 Pt.	13/16"
1128	Combination Wrench, 12 Pt.	7/8"	1228	Combination Wrench, 12 Pt.	7/8"
1130	Combination Wrench, 12 Pt.	15/16"	1230	Combination Wrench, 12 Pt.	15/16"
1132	Combination Wrench, 12 Pt.	1"	1232	Combination Wrench, 12 Pt.	1"
1134	Combination Wrench, 12 Pt.	1-1/16"	1234	Combination Wrench, 12 Pt.	1-1/16"
1136	Combination Wrench, 12 Pt.	1-1/8"	1236	Combination Wrench, 12 Pt.	1-1/8"
1138	Combination Wrench, 12 Pt.	1-3/16"	1238	Combination Wrench, 12 Pt.	1-3/16"
1140	Combination Wrench, 12 Pt.	1-1/4"	1240	Combination Wrench, 12 Pt.	1-1/4"

## Metric Combination Wrenches

**D979** – 24 Pieces, Satin Wrenches

**D980** – 19 Pieces, Full Polish Wrenches

**D955B** – Board Only

Part No.	Description	Size	Part No.	Description	Size
<b>D979</b>			<b>D980</b>		
11-06mm	Metric Combination Wrench	6mm	12-06mm	Metric Combination Wrench	6mm
11-07mm	Metric Combination Wrench	7mm	12-07mm	Metric Combination Wrench	7mm
11-08mm	Metric Combination Wrench	8mm	12-08mm	Metric Combination Wrench	8mm
11-09mm	Metric Combination Wrench	9mm	12-09mm	Metric Combination Wrench	9mm
11-10mm	Metric Combination Wrench	10mm	12-10mm	Metric Combination Wrench	10mm
11-11mm	Metric Combination Wrench	11mm	12-11mm	Metric Combination Wrench	11mm
11-12mm	Metric Combination Wrench	12mm	12-12mm	Metric Combination Wrench	12mm
11-13mm	Metric Combination Wrench	13mm	12-13mm	Metric Combination Wrench	13mm
11-14mm	Metric Combination Wrench	14mm	12-14mm	Metric Combination Wrench	14mm
11-15mm	Metric Combination Wrench	15mm	12-15mm	Metric Combination Wrench	15mm
11-16mm	Metric Combination Wrench	16mm	12-16mm	Metric Combination Wrench	16mm
11-17mm	Metric Combination Wrench	17mm	12-17mm	Metric Combination Wrench	17mm
11-18mm	Metric Combination Wrench	18mm	12-18mm	Metric Combination Wrench	18mm
11-19mm	Metric Combination Wrench	19mm	12-19mm	Metric Combination Wrench	19mm
11-20mm	Metric Combination Wrench	20mm	12-20mm	Metric Combination Wrench	20mm
11-21mm	Metric Combination Wrench	21mm	12-21mm	Metric Combination Wrench	21mm
11-22mm	Metric Combination Wrench	22mm	12-22mm	Metric Combination Wrench	22mm
11-23mm	Metric Combination Wrench	23mm	12-23mm	Metric Combination Wrench	23mm
11-24mm	Metric Combination Wrench	24mm	12-24mm	Metric Combination Wrench	24mm
11-25mm	Metric Combination Wrench	25mm			
11-26mm	Metric Combination Wrench	26mm			
11-27mm	Metric Combination Wrench	27mm			
11-30mm	Metric Combination Wrench	30mm			
11-32mm	Metric Combination Wrench	32mm			



## Fractional Double Box End Wrenches

D942 – 15 Pieces, 12 Pt.

Part No.	Description	Size
51012	Box End Wrench, 12 Pt.	5/16" x 3/8"
51214	Box End Wrench, 12 Pt.	3/8" x 7/16"
51416	Box End Wrench, 12 Pt.	7/8" x 1/2"
51618	Box End Wrench, 12 Pt.	1/2" x 9/16"
51820	Box End Wrench, 12 Pt.	9/16" x 5/8"
52022	Box End Wrench, 12 Pt.	5/8" x 11/16"
52024	Box End Wrench, 12 Pt.	5/8" x 3/4"
52224	Box End Wrench, 12 Pt.	11/16" x 3/4"
52426	Box End Wrench, 12 Pt.	3/4" x 13/16"
52428	Box End Wrench, 12 Pt.	3/4" x 7/8"
52628	Open End Wrench	13/16" x 7/8"
52830	Open End Wrench	7/8" x 15/16"
53032	Open End Wrench	15/16" x 1"
53436	Open End Wrench	1-1/16" x 1-1/8"
53440	Open End Wrench	1-1/16" x 1-1/4"



## Fractional Open End Wrenches

D987 – 18 Pieces

Part No.	Description	Size
1308	Open End Wrench	3/16" x 1/4"
1310	Open End Wrench	1/4" x 5/16"
1312	Open End Wrench	5/16" x 3/8"
1314	Open End Wrench	3/8" x 7/16"
1316	Open End Wrench	7/8" x 1/2"
1318	Open End Wrench	1/2" x 9/16"
1320	Open End Wrench	9/16" x 5/8"
1322	Open End Wrench	5/8" x 11/16"
1324	Open End Wrench	5/8" x 3/4"
1325	Open End Wrench	11/16" x 3/4"
1326	Open End Wrench	3/4" x 7/8"
1328	Open End Wrench	3/4" x 13/16"
1329	Open End Wrench	13/16" x 7/8"
1330	Open End Wrench	7/8" x 15/16"
1331	Open End Wrench	7/8" x 1-1/16"
1332	Open End Wrench	15/16" x 1"
1336	Open End Wrench	1-1/16" x 1-1/8"
1340	Open End Wrench	1-1/8" x 1-1/4"



DISPLAY BOARDS



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.





## Fractional Tubing Wrenches

D981 – 44 Pieces

Part No.	Description	Size
1040	Combination Open End Flare Nut Wrench	3/8"
1042	Combination Open End Flare Nut Wrench	7/16"
1044	Combination Open End Flare Nut Wrench	1/2"
1046	Combination Open End Flare Nut Wrench	9/16"
1048	Combination Open End Flare Nut Wrench	5/8"
1050	Combination Open End Flare Nut Wrench	11/16"
1052	Combination Open End Flare Nut Wrench	3/4"
1060	3/8" Drive Crowfoot Wrench - Flare Nut, 12 Pt.	5/8"
1062	3/8" Drive Crowfoot Wrench - Flare Nut, 12 Pt.	11/16"
1064	3/8" Drive Crowfoot Wrench - Flare Nut, 12 Pt.	3/4"
1066	3/8" Drive Crowfoot Wrench - Flare Nut, 12 Pt.	13/16"
1068	3/8" Drive Crowfoot Wrench - Flare Nut, 12 Pt.	7/8"
1070	3/8" Drive Crowfoot Wrench - Flare Nut, 12 Pt.	15/16"
1072	3/8" Drive Crowfoot Wrench - Flare Nut, 12 Pt.	1"
1074	3/8" Drive Crowfoot Wrench - Flare Nut, 12 Pt.	1-1/16"
1080	1/2" Drive Crowfoot Wrench - Flare Nut, 12 Pt.	1-1/8"
1081	1/2" Drive Crowfoot Wrench - Flare Nut, 12 Pt.	1-3/16"
1082	1/2" Drive Crowfoot Wrench - Flare Nut, 12 Pt.	1-1/4"
1083	1/2" Drive Crowfoot Wrench - Flare Nut, 12 Pt.	1-5/16"
1084	1/2" Drive Crowfoot Wrench - Flare Nut, 12 Pt.	1-3/8"
1085	1/2" Drive Crowfoot Wrench - Flare Nut, 12 Pt.	1-7/16"
1086	1/2" Drive Crowfoot Wrench - Flare Nut, 12 Pt.	1-1/2"
1087	1/2" Drive Crowfoot Wrench - Flare Nut, 12 Pt.	1-9/16"
1088	1/2" Drive Crowfoot Wrench - Flare Nut, 12 Pt.	1-5/8"
1089	1/2" Drive Crowfoot Wrench - Flare Nut, 12 Pt.	1-11/16"
1090	1/2" Drive Crowfoot Wrench - Flare Nut, 12 Pt.	1-3/4"
1091	1/2" Drive Crowfoot Wrench - Flare Nut, 12 Pt.	1-13/16"
1092	1/2" Drive Crowfoot Wrench - Flare Nut, 12 Pt.	1-7/8"
1093	1/2" Drive Crowfoot Wrench - Flare Nut, 12 Pt.	1-15/16"
1094	1/2" Drive Crowfoot Wrench - Flare Nut, 12 Pt.	2"
1614	Flare Nut Wrench	3/8" x 7/16"
1618	Flare Nut Wrench	1/2" x 9/16"
1622	Flare Nut Wrench	5/8" x 11/16"
1642	Ratcheting Flare Nut Wrench	3/8"
1644	Ratcheting Flare Nut Wrench	7/16"
1646	Ratcheting Flare Nut Wrench	1/2"
1648	Ratcheting Flare Nut Wrench	9/16"
1650	Ratcheting Flare Nut Wrench	5/8"
1652	Ratcheting Flare Nut Wrench	11/16"
1654	Ratcheting Flare Nut Wrench	3/4"
1656	Ratcheting Flare Nut Wrench	13/16"
1658	Ratcheting Flare Nut Wrench	7/8"
1660	Ratcheting Flare Nut Wrench	15/16"
1662	Ratcheting Flare Nut Wrench	1"

DISPLAY BOARDS



## Metric Wrenches

### D956 – 29 Pieces, Ratcheting Box Wrenches, Flare Nut Wrenches & Crowfoot Wrenches

Part No.	Description	Size
10-10mm	3/8" Drive Metric Crowfoot Wrench	10mm
10-11mm	3/8" Drive Metric Crowfoot Wrench	11mm
10-12mm	3/8" Drive Metric Crowfoot Wrench	12mm
10-13mm	3/8" Drive Metric Crowfoot Wrench	13mm
10-14mm	3/8" Drive Metric Crowfoot Wrench	14mm
10-15mm	3/8" Drive Metric Crowfoot Wrench	15mm
10-16mm	3/8" Drive Metric Crowfoot Wrench	16mm
10-17mm	3/8" Drive Metric Crowfoot Wrench	17mm
10-18mm	3/8" Drive Metric Crowfoot Wrench	18mm
10-19mm	3/8" Drive Metric Crowfoot Wrench	19mm
16-11mm	Metric Flare Nut Wrench, 6 Pt.	9mm x 11mm
16-12mm	Metric Flare Nut Wrench, 6 Pt.	10mm x 12mm
16-14mm	Metric Flare Nut Wrench, 6 Pt.	13mm x 14mm
16-17mm	Metric Flare Nut Wrench, 6 Pt.	15mm x 17mm
16-21mm	Metric Flare Nut Wrench, 6 Pt.	19mm x 21mm
9416	Metric Ratcheting Box Wrench, 6 Pt.	7mm x 8mm
9417	Metric Ratcheting Box Wrench, 6 Pt.	9mm x 10mm
9418	Metric Ratcheting Box Wrench, 6 Pt.	11mm x 12mm
9419	Metric Ratcheting Box Wrench, 6 Pt.	13mm x 14mm
9421	Metric Ratcheting Box Wrench, 12 Pt.	15mm x 17mm
9422	Metric Ratcheting Box Wrench, 12 Pt.	16mm x 18mm
9423	Metric Ratcheting Box Wrench, 12 Pt.	19mm x 21mm
9431	Metric Offset Ratcheting Box Wrench, 6 Pt.	7mm x 8mm
9432	Metric Offset Ratcheting Box Wrench, 6 Pt.	9mm x 10mm
9434	Metric Offset Ratcheting Box Wrench, 6 Pt.	11mm x 12mm
9435	Metric Offset Ratcheting Box Wrench, 6 Pt.	13mm x 14mm
9436	Metric Offset Ratcheting Box Wrench, 12 Pt.	15mm x 17mm
9437	Metric Offset Ratcheting Box Wrench, 12 Pt.	16mm x 18mm
9438	Metric Offset Ratcheting Box Wrench, 12 Pt.	19mm x 21mm



## Fractional Service Wrenches

### D943 – 22 Pieces

Part No.	Description	Size
1424	Service Wrench, 30° Angle	3/4"
1426	Service Wrench, 30° Angle	13/16"
1428	Service Wrench, 30° Angle	7/8"
1430	Service Wrench, 30° Angle	15/16"
1432	Service Wrench, 30° Angle	1"
1434	Service Wrench, 30° Angle	1-1/16"
1436	Service Wrench, 30° Angle	1-1/8"
1438	Service Wrench, 30° Angle	1-3/16"
1440	Service Wrench, 30° Angle	1-1/4"
1442	Service Wrench, 30° Angle	1-5/16"
1444	Service Wrench, 30° Angle	1-3/8"
1446	Service Wrench, 30° Angle	1-7/16"
1448	Service Wrench, 30° Angle	1-1/2"
1450	Service Wrench, 30° Angle	1-9/16"
1452	Service Wrench, 30° Angle	1-5/8"
1456	Service Wrench, 30° Angle	1-3/4"
1458	Service Wrench, 30° Angle	1-13/16"
1460	Service Wrench, 30° Angle	1-7/8"
1462	Service Wrench, 30° Angle	1-15/16"
1464	Service Wrench, 30° Angle	2"
1468	Service Wrench, 30° Angle	2-1/8"
1472	Service Wrench, 30° Angle	2-1/4"



DISPLAY BOARDS



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
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**WARNING**  
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## Salesmen's Sample Toolkit

**D940 – 34 Pieces**

Part No.	Description	Size
1018	3/8" Drive Open-End Crowfoot Wrench	9/16"
1118	Combination Wrench, 12 Pt.	9/16"
1218	Combination Wrench, 12 Pt.	9/16"
2426	1/4" Drive Ratchet	4-3/4"
2612	1/4" Drive Deep Socket, 12 Pt.	3/8"
3018	3/8" Drive Deep Socket, 6 Pt.	9/16"
3118	3/8" Drive Standard Socket, 12 Pt.	9/16"
3405	3/8" Drive Extension	5"
3411	3/8" Drive Wobble Extension	6"
3426	3/8" Drive Ratchet, Knurled Grip	7"
3430	3/8" Drive Ratchet, Compact-Palm Size	4-3/4"
3438	3/8" Drive Flex Handle	9-11/16"
3475	3/8" Drive Universal	
3490	3/8" Drive Ratchet, Double Pawl	7-1/32"
3518	3/8" Drive Deep Socket, 6 Pt.	9/16"
3618	3/8" Drive Deep Socket, 12 Pt.	9/16"
4114	1/2" Drive Standard Socket, 12 Pt.	7/16"
4480	1/2" Drive Open Head Ratchet, Pear Shape	10-1/2"
4824	1/2" Drive Standard Impact Socket	3-8"
4900	1/2" Drive Impact Adaptor	
4924	1/2" Drive Deep Impact Socket	3/4"
9104	Phillips Screwdriver #1	3"
9163	Cushion Grip Cabinet Tip Screwdriver	8"
9536	Center Punch	1/4" x 3-1/2"
9556	Starter Punch	3/16" x 5"
9594	Pin Punch	3/16" x 5-1/4"
9602	Cold Chisel	3/8" x 5-1/2"
9604	Cold Chisel	5/8" x 6-1/2"
9606	Cold Chisel	7/8" x 7-1/2"
9AB08	Adjustable Wrench, Black Industrial Finish	8"
9AC08	Adjustable Wrench,	8"
9C426	Tongue and Groove Pliers	6-1/2"
9V4LN	Long Nose Locking Pliers w/Wire Cutter	4"



## Adjustable Wrenches

**D975 – 30 Pieces, 6 each size, 12" Wide Display**

Part No.	Description	Size
9AC04	Adjustable Wrench, Cobalt Finish	4"
9AC06	Adjustable Wrench, Cobalt Finish	6"
9AC08	Adjustable Wrench, Cobalt Finish	8"
9AC10	Adjustable Wrench, Cobalt Finish	10"
9AC12	Adjustable Wrench, Cobalt Finish	12"



## Adjustable Wrenches

**D976 – 30 Pieces, 6 each size, 12" Wide Display**

Part No.	Description	Size
9AB04	Adjustable Wrench, Black Industrial Finish	4"
9AB06	Adjustable Wrench, Black Industrial Finish	6"
9AB08	Adjustable Wrench, Black Industrial Finish	8"
9AB10	Adjustable Wrench, Black Industrial Finish	10"
9AB12	Adjustable Wrench, Black Industrial Finish	12"



**RIDGID® Pipe Wrenches**



D972 – 6 Pieces

Part No.	Description	Size
9R31005	RIDGID Pipe Wrench, Heavy-Duty	8"
9R31010	RIDGID Pipe Wrench, Heavy-Duty	10"
9R31015	RIDGID Pipe Wrench, Heavy-Duty	12"
9R31020	RIDGID Pipe Wrench, Heavy-Duty	14"
9R31025	RIDGID Pipe Wrench, Heavy-Duty	18"
9R31030	RIDGID Pipe Wrench, Heavy-Duty	24"



**Adjustable Wrenches**

D961 – 18 Pieces

Part No.	Description	Size
9414	Adjustable Construction Wrench	16"
9AB04	Adjustable Wrench, Black Industrial Finish	4"
9AB06	Adjustable Wrench, Black Industrial Finish	6"
9AB08	Adjustable Wrench, Black Industrial Finish	8"
9AB10	Adjustable Wrench, Black Industrial Finish	10"
9AB12	Adjustable Wrench, Black Industrial Finish	12"
9AB15	Adjustable Wrench, Black Industrial Finish	15"
9AC04	Adjustable Wrench, Cobalt Finish	4"
9AC06	Adjustable Wrench, Cobalt Finish	6"
9AC08	Adjustable Wrench, Cobalt Finish	8"
9AC10	Adjustable Wrench, Cobalt Finish	10"
9AC12	Adjustable Wrench, Cobalt Finish	12"
9AC15	Adjustable Wrench, Cobalt Finish	15"
9AG04	Adjustable Wrench, Cobalt Finish, Cushion Grip	4"
9AG06	Adjustable Wrench, Cobalt Finish, Cushion Grip	6"
9AG08	Adjustable Wrench, Cobalt Finish, Cushion Grip	8"
9AG10	Adjustable Wrench, Cobalt Finish, Cushion Grip	10"
9AG12	Adjustable Wrench, Cobalt Finish, Cushion Grip	12"



DISPLAY BOARDS



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
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**WARNING**  
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## Fractional Sockets, Handles & Attachments

**D982 – 78 Pieces, 1/4" Drive 6 & 12 Pt. Sockets, Handles & Attachments**

Part No.	Description	Size
2005	1/4" Drive Standard Socket, 6 Pt.	5/32"
2006	1/4" Drive Standard Socket, 6 Pt.	3/16"
2007	1/4" Drive Standard Socket, 6 Pt.	7/32"
2008	1/4" Drive Standard Socket, 6 Pt.	1/4"
2009	1/4" Drive Standard Socket, 6 Pt.	9/32"
2010	1/4" Drive Standard Socket, 6 Pt.	5/16"
2011	1/4" Drive Standard Socket, 6 Pt.	11/32"
2012	1/4" Drive Standard Socket, 6 Pt.	3/8"
2014	1/4" Drive Standard Socket, 6 Pt.	7/16"
2016	1/4" Drive Standard Socket, 6 Pt.	1/2"
2106	1/4" Drive Standard Socket, 12 Pt.	3/16"
2107	1/4" Drive Standard Socket, 12 Pt.	7/32"
2108	1/4" Drive Standard Socket, 12 Pt.	1/4"
2109	1/4" Drive Standard Socket, 12 Pt.	9/32"
2110	1/4" Drive Standard Socket, 12 Pt.	5/16"
2111	1/4" Drive Standard Socket, 12 Pt.	11/32"
2112	1/4" Drive Standard Socket, 12 Pt.	3/8"
2114	1/4" Drive Standard Socket, 12 Pt.	7/16"
2116	1/4" Drive Standard Socket, 12 Pt.	1/2"
2118	1/4" Drive Standard Socket, 12 Pt.	9/16"
2202	1/4" Drive Hex Bit Socket	1/16"
2203	1/4" Drive Hex Bit Socket	5/64"
2204	1/4" Drive Hex Bit Socket	3/32"
2205	1/4" Drive Hex Bit Socket	7/64"
2206	1/4" Drive Hex Bit Socket	1/8"
2207	1/4" Drive Hex Bit Socket	9/64"
2208	1/4" Drive Hex Bit Socket	5/32"
2210	1/4" Drive Hex Bit Socket	3/16"
2212	1/4" Drive Hex Bit Socket	7/32"
2214	1/4" Drive Hex Bit Socket	1/4"

Part No.	Description	Size
2218	1/4" Drive Hex Bit Socket	5/16"
2260	1/4" Drive Standard Screwdriver Socket with Bit	3/16"
2261	1/4" Drive Standard Screwdriver Socket with Bit	1/4"
2263	1/4" Drive Standard Screwdriver Socket with Bit	23/64"
2265	1/4" Drive Phillips Screwdriver Socket with Bit	#1
2266	1/4" Drive Phillips Screwdriver Socket with Bit	#2
2267	1/4" Drive Long Phillips Screwdriver Socket with Bit	#1
2308	1/4" Drive Special 8 Pt. Standard Socket	1/4"
2310	1/4" Drive Special 8 Pt. Standard Socket	5/16"
2312	1/4" Drive Special 8 Pt. Standard Socket	3/8"
2402	1/4" Drive Extension	2"
2404	1/4" Drive Extension	4"
2406	1/4" Drive Extension	6"
2410	1/4" Drive Extension	10"
2413	1/4" Drive Locking Adaptor	
2426	1/4" Drive Ratchet	4-3/4"
2435	1/4" Drive Flex Handle	5"
2442	1/4" Drive Spinner w/Female End	6"
2445	1/4" Drive Speeder	
2453	1/4" Drive Adaptor	
2475	1/4" Drive Universal Joint	
2492	1/4" Drive Heavy-duty Ratchet	5-1/4"
2495	Flex Head Ratchet (contour grip)	5-1/2"
2506	1/4" Drive Deep Socket, 6 Pt.	3/16"
2507	1/4" Drive Deep Socket, 6 Pt.	7/32"
2508	1/4" Drive Deep Socket, 6 Pt.	1/4"
2509	1/4" Drive Deep Socket, 6 Pt.	9/32"
2510	1/4" Drive Deep Socket, 6 Pt.	5/16"
2511	1/4" Drive Deep Socket, 6 Pt.	11/32"
2512	1/4" Drive Deep Socket, 6 Pt.	3/8"
2514	1/4" Drive Deep Socket, 6 Pt.	7/16"
2516	1/4" Drive Deep Socket, 6 Pt.	1/2"
2606	1/4" Drive Deep Socket, 12 Pt.	3/16"
2607	1/4" Drive Deep Socket, 12 Pt.	7/32"
2608	1/4" Drive Deep Socket, 12 Pt.	1/4"
2609	1/4" Drive Deep Socket, 12 Pt.	9/32"
2610	1/4" Drive Deep Socket, 12 Pt.	5/16"
2611	1/4" Drive Deep Socket, 12 Pt.	11/32"
2612	1/4" Drive Deep Socket, 12 Pt.	3/8"
2614	1/4" Drive Deep Socket, 12 Pt.	7/16"
2616	1/4" Drive Deep Socket, 12 Pt.	1/2"
2618	1/4" Drive Deep Socket, 12 Pt.	9/16"
2708	1/4" Drive Flex Socket, 12 Pt.	1/4"
2710	1/4" Drive Flex Socket, 12 Pt.	5/16"
2712	1/4" Drive Flex Socket, 12 Pt.	3/8"
2714	1/4" Drive Flex Socket, 12 Pt.	7/16"
2716	1/4" Drive Flex Socket, 12 Pt.	1/2"
9203	1/2" Drive Socket Screwdriver with Long Bit	#2

DISPLAY BOARDS



## Metric Sockets

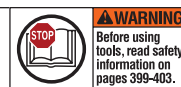
**D957 – 79 Pieces, 1/4" & 3/8" Drive  
6 & 12 Pt. Sockets**

Part No.	Description	Size
20-05mm	1/4" Drive Standard Metric Socket, 6 Pt.	5mm
20-06mm	1/4" Drive Standard Metric Socket, 6 Pt.	6mm
20-07mm	1/4" Drive Standard Metric Socket, 6 Pt.	7mm
20-08mm	1/4" Drive Standard Metric Socket, 6 Pt.	8mm
20-09mm	1/4" Drive Standard Metric Socket, 6 Pt.	9mm
20-10mm	1/4" Drive Standard Metric Socket, 6 Pt.	10mm
20-11mm	1/4" Drive Standard Metric Socket, 6 Pt.	11mm
20-12mm	1/4" Drive Standard Metric Socket, 6 Pt.	12mm
20-13mm	1/4" Drive Standard Metric Socket, 6 Pt.	13mm
25-04mm	1/4" Drive Deep Metric Socket, 6 Pt.	4mm
25-05mm	1/4" Drive Deep Metric Socket, 6 Pt.	5mm
25-06mm	1/4" Drive Deep Metric Socket, 6 Pt.	6mm
25-07mm	1/4" Drive Deep Metric Socket, 6 Pt.	7mm
25-08mm	1/4" Drive Deep Metric Socket, 6 Pt.	8mm
25-09mm	1/4" Drive Deep Metric Socket, 6 Pt.	9mm
25-10mm	1/4" Drive Deep Metric Socket, 6 Pt.	10mm
25-11mm	1/4" Drive Deep Metric Socket, 6 Pt.	11mm
25-12mm	1/4" Drive Deep Metric Socket, 6 Pt.	12mm
25-13mm	1/4" Drive Deep Metric Socket, 6 Pt.	13mm
30-06mm	3/8" Drive Standard Metric Socket, 6 Pt.	6mm
30-07mm	3/8" Drive Standard Metric Socket, 6 Pt.	7mm
30-08mm	3/8" Drive Standard Metric Socket, 6 Pt.	8mm
30-09mm	3/8" Drive Standard Metric Socket, 6 Pt.	9mm
30-10mm	3/8" Drive Standard Metric Socket, 6 Pt.	10mm
30-11mm	3/8" Drive Standard Metric Socket, 6 Pt.	11mm
30-12mm	3/8" Drive Standard Metric Socket, 6 Pt.	12mm
30-13mm	3/8" Drive Standard Metric Socket, 6 Pt.	13mm
30-14mm	3/8" Drive Standard Metric Socket, 6 Pt.	14mm
30-15mm	3/8" Drive Standard Metric Socket, 6 Pt.	15mm
30-16mm	3/8" Drive Standard Metric Socket, 6 Pt.	16mm
30-17mm	3/8" Drive Standard Metric Socket, 6 Pt.	17mm
30-18mm	3/8" Drive Standard Metric Socket, 6 Pt.	18mm
30-19mm	3/8" Drive Standard Metric Socket, 6 Pt.	19mm
31-08mm	3/8" Drive Standard Metric Socket, 12 Pt.	8mm
31-09mm	3/8" Drive Standard Metric Socket, 12 Pt.	9mm
31-10mm	3/8" Drive Standard Metric Socket, 12 Pt.	10mm
31-11mm	3/8" Drive Standard Metric Socket, 12 Pt.	11mm
31-12mm	3/8" Drive Standard Metric Socket, 12 Pt.	12mm
31-13mm	3/8" Drive Standard Metric Socket, 12 Pt.	13mm
31-14mm	3/8" Drive Standard Metric Socket, 12 Pt.	14mm
31-15mm	3/8" Drive Standard Metric Socket, 12 Pt.	15mm
31-16mm	3/8" Drive Standard Metric Socket, 12 Pt.	16mm
31-17mm	3/8" Drive Standard Metric Socket, 12 Pt.	17mm
31-18mm	3/8" Drive Standard Metric Socket, 12 Pt.	18mm
31-19mm	3/8" Drive Standard Metric Socket, 12 Pt.	19mm
31-20mm	3/8" Drive Standard Metric Socket, 12 Pt.	20mm
31-21mm	3/8" Drive Standard Metric Socket, 12 Pt.	21mm
31-22mm	3/8" Drive Standard Metric Socket, 12 Pt.	22mm
32-02mm	3/8" Drive Metric Hex Bit Socket	2mm
32-02.5mm	3/8" Drive Metric Hex Bit Socket	2.5mm



Part No.	Description	Size
32-03mm	3/8" Drive Metric Hex Bit Socket	3mm
32-04mm	3/8" Drive Metric Hex Bit Socket	4mm
32-05mm	3/8" Drive Metric Hex Bit Socket	5mm
32-06mm	3/8" Drive Metric Hex Bit Socket	6mm
32-08mm	3/8" Drive Metric Hex Bit Socket	8mm
32-10mm	3/8" Drive Metric Hex Bit Socket	10mm
35-06mm	3/8" Drive Deep Metric Socket, 6 Pt.	6mm
35-07mm	3/8" Drive Deep Metric Socket, 6 Pt.	7mm
35-08mm	3/8" Drive Deep Metric Socket, 6 Pt.	8mm
35-09mm	3/8" Drive Deep Metric Socket, 6 Pt.	9mm
35-10mm	3/8" Drive Deep Metric Socket, 6 Pt.	10mm
35-11mm	3/8" Drive Deep Metric Socket, 6 Pt.	11mm
35-12mm	3/8" Drive Deep Metric Socket, 6 Pt.	12mm
35-13mm	3/8" Drive Deep Metric Socket, 6 Pt.	13mm
35-14mm	3/8" Drive Deep Metric Socket, 6 Pt.	14mm
35-15mm	3/8" Drive Deep Metric Socket, 6 Pt.	15mm
35-16mm	3/8" Drive Deep Metric Socket, 6 Pt.	16mm
35-17mm	3/8" Drive Deep Metric Socket, 6 Pt.	17mm
35-18mm	3/8" Drive Deep Metric Socket, 6 Pt.	18mm
35-19mm	3/8" Drive Deep Metric Socket, 6 Pt.	19mm
36-09mm	3/8" Drive Deep Metric Socket, 12 Pt.	9mm
36-10mm	3/8" Drive Deep Metric Socket, 12 Pt.	10mm
36-11mm	3/8" Drive Deep Metric Socket, 12 Pt.	11mm
36-12mm	3/8" Drive Deep Metric Socket, 12 Pt.	12mm
36-13mm	3/8" Drive Deep Metric Socket, 12 Pt.	13mm
36-14mm	3/8" Drive Deep Metric Socket, 12 Pt.	14mm
36-15mm	3/8" Drive Deep Metric Socket, 12 Pt.	15mm
36-17mm	3/8" Drive Deep Metric Socket, 12 Pt.	17mm
36-19mm	3/8" Drive Deep Metric Socket, 12 Pt.	19mm

DISPLAY BOARDS





## Fractional Handles & Attachments

**D983 – 34 Pieces, 3/8" Drive Handles & Attachments**

Part No.	Description	Size
1012	3/8" Drive Crowfoot Wrench	3/8"
1014	3/8" Drive Crowfoot Wrench	7/16"
1016	3/8" Drive Crowfoot Wrench	1/2"
1018	3/8" Drive Crowfoot Wrench	9/16"
1020	3/8" Drive Crowfoot Wrench	5/8"
1022	3/8" Drive Crowfoot Wrench	11/16"
1024	3/8" Drive Crowfoot Wrench	3/4"
1026	3/8" Drive Crowfoot Wrench	13/16"
1028	3/8" Drive Crowfoot Wrench	7/8"
1032	3/8" Drive Crowfoot Wrench	1"
3400	3/8" Drive Ratchet, Nitrile Grip	1-1/2"
3402	3/8" Drive Extension	1-1/2"
3403	3/8" Drive Extension	3"
3405	3/8" Drive Extension	5"
3409	3/8" Drive Wobble Extension	1-1/2"
3410	3/8" Drive Wobble Extension	3"
3411	3/8" Drive Wobble Extension	6"
3412	3/8" Drive Extension	12"
3413	3/8" Drive Locking Adaptor	
3425	3/8" Drive Long Ratchet	10"
3426	3/8" Drive Ratchet, Knurled Grip	7"
3427	3/8" Drive Ratchet, Knurled Grip Flex Handle	9-11/16"
3428	3/8" Drive Ratchet, Nitrile Grip	10-3/4"
3429	3/8" Drive Ratchet, Bent Flex Nitrile Grip	10-3/4"
3430	3/8" Drive Ratchet, Compact	4-3/4"
3435	3/8" Drive Flex Handle	8-15/32"
3438	3/8" Drive Flex Handle	9-11/16"
3439	3/8" Drive Flex Handle	10-3/4"
3440	3/8" Drive Ratchet, Compact Flex Head	10"
3443	3/8" Drive Sliding T	7"
3445	3/8" Drive Speeder	14-1/2"
3480	3/8" Drive Ratchet, Pear-Shaped Open Head	7-7/8"
3482	Open-Head Combination 1/4" & 3/8" Ratchet	
3490	3/8" Drive Ratchet, Double Pawl, Contour Handle	7-1/32"

DISPLAY BOARDS



## Fractional Sockets

### D984 – 91 Pieces, 3/8" Drive 6 Pt. & 12 Pt. Sockets

Part No.	Description	Size
3008	3/8" Drive Standard Socket, 6 Pt.	1/4"
3010	3/8" Drive Standard Socket, 6 Pt.	5/16"
3012	3/8" Drive Standard Socket, 6 Pt.	3/8"
3014	3/8" Drive Standard Socket, 6 Pt.	7/16"
3016	3/8" Drive Standard Socket, 6 Pt.	1/2"
3018	3/8" Drive Standard Socket, 6 Pt.	9/16"
3020	3/8" Drive Standard Socket, 6 Pt.	5/8"
3022	3/8" Drive Standard Socket, 6 Pt.	11/16"
3024	3/8" Drive Standard Socket, 6 Pt.	3/4"
3026	3/8" Drive Standard Socket, 6 Pt.	13/16"
3028	3/8" Drive Standard Socket, 6 Pt.	7/8"
3030	3/8" Drive Standard Socket, 6 Pt.	15/16"
3032	3/8" Drive Standard Socket, 6 Pt.	1"
3108	3/8" Drive Standard Socket, 12 Pt.	1/4"
3110	3/8" Drive Standard Socket, 12 Pt.	5/16"
3112	3/8" Drive Standard Socket, 12 Pt.	3/8"
3114	3/8" Drive Standard Socket, 12 Pt.	7/16"
3116	3/8" Drive Standard Socket, 12 Pt.	1/2"
3118	3/8" Drive Standard Socket, 12 Pt.	9/16"
3120	3/8" Drive Standard Socket, 12 Pt.	5/8"
3122	3/8" Drive Standard Socket, 12 Pt.	11/16"
3124	3/8" Drive Standard Socket, 12 Pt.	3/4"
3126	3/8" Drive Standard Socket, 12 Pt.	13/16"
3128	3/8" Drive Standard Socket, 12 Pt.	7/8"
3130	3/8" Drive Standard Socket, 12 Pt.	15/16"
3132	3/8" Drive Standard Socket, 12 Pt.	1"
3204	3/8" Drive Hex Bit Socket	1/8"
3205	3/8" Drive Hex Bit Socket	5/32"
3206	3/8" Drive Hex Bit Socket	3/16"
3207	3/8" Drive Hex Bit Socket	7/32"
3208	3/8" Drive Hex Bit Socket	1/4"
3210	3/8" Drive Hex Bit Socket	5/16"
3212	3/8" Drive Hex Bit Socket	3/8"
3246	3/8" Drive Long Hex Bit Socket	3/16"
3248	3/8" Drive Long Hex Bit Socket	1/4"
3252	3/8" Drive Long Hex Bit Socket	3/8"
3260	3/8" Drive Standard Screwdriver Socket with Bit	1/4"
3261	3/8" Drive Standard Screwdriver Socket with Bit	5/16"
3262	3/8" Drive Standard Screwdriver Socket with Bit	3/8"
3265	3/8" Drive Phillips Screwdriver Socket with Bit	#1
3266	3/8" Drive Phillips Screwdriver Socket with Bit	#2
3267	3/8" Drive Phillips Screwdriver Socket with Bit	#3
3268	3/8" Drive Phillips Screwdriver Socket with Bit	#4
3308	3/8" Drive Special 8 Pt. Standard Socket	1/4"
3310	3/8" Drive Special 8 Pt. Standard Socket	5/16"
3312	3/8" Drive Special 8 Pt. Standard Socket	3/8"
3314	3/8" Drive Special 8 Pt. Standard Socket	7/16"
3316	3/8" Drive Special 8 Pt. Standard Socket	1/2"
3318	3/8" Drive Special 8 Pt. Standard Socket	9/16"
3320	3/8" Drive Special 8 Pt. Standard Socket	5/8"
3322	3/8" Drive Special 8 Pt. Standard Socket	11/16"
3324	3/8" Drive Special 8 Pt. Standard Socket	3/4"
3326	3/8" Drive Special 8 Pt. Standard Socket	13/16"
3328	3/8" Drive Special 8 Pt. Standard Socket	7/8"
3452	3/8" Drive Adaptor	
3454	3/8" Drive Adaptor	
3475	3/8" Drive Universal	



Part No.	Description	Size
3508	3/8" Drive Deep Socket, 6 Pt.	1/4"
3510	3/8" Drive Deep Socket, 6 Pt.	5/16"
3512	3/8" Drive Deep Socket, 6 Pt.	3/8"
3514	3/8" Drive Deep Socket, 6 Pt.	7/16"
3516	3/8" Drive Deep Socket, 6 Pt.	1/2"
3518	3/8" Drive Deep Socket, 6 Pt.	9/16"
3520	3/8" Drive Deep Socket, 6 Pt.	5/8"
3522	3/8" Drive Deep Socket, 6 Pt.	11/16"
3524	3/8" Drive Deep Socket, 6 Pt.	3/4"
3526	3/8" Drive Deep Socket, 6 Pt.	13/16"
3528	3/8" Drive Deep Socket, 6 Pt.	7/8"
3530	3/8" Drive Deep Socket, 6 Pt.	15/16"
3532	3/8" Drive Deep Socket, 6 Pt.	1"
3588	3/8" Drive Spark Plug Holding Socket	18mm
3590	3/8" Drive Spark Plug Holding Socket	5/8"
3596	3/8" Drive Spark Plug Holding Socket	13/16"
3612	3/8" Drive Deep Socket, 12 Pt.	3/8"
3614	3/8" Drive Deep Socket, 12 Pt.	7/16"
3616	3/8" Drive Deep Socket, 12 Pt.	1/2"
3618	3/8" Drive Deep Socket, 12 Pt.	9/16"
3620	3/8" Drive Deep Socket, 12 Pt.	5/8"
3622	3/8" Drive Deep Socket, 12 Pt.	11/16"
3624	3/8" Drive Deep Socket, 12 Pt.	3/4"
3626	3/8" Drive Deep Socket, 12 Pt.	13/16"
3628	3/8" Drive Deep Socket, 12 Pt.	7/8"
3630	3/8" Drive Deep Socket, 12 Pt.	5/16"
3632	3/8" Drive Deep Socket, 12 Pt.	1"
3712	3/8" Drive Flex Socket, 12 Pt.	3/8"
3714	3/8" Drive Flex Socket, 12 Pt.	7/16"
3716	3/8" Drive Flex Socket, 12 Pt.	1/2"
3718	3/8" Drive Flex Socket, 12 Pt.	9/16"
3720	3/8" Drive Flex Socket, 12 Pt.	5/8"
3722	3/8" Drive Flex Socket, 12 Pt.	11/16"
3724	3/8" Drive Flex Socket, 12 Pt.	3/4"

DISPLAY BOARDS







## Fractional Handles & Attachments

**D946 – 17 Pieces, 1/2" Drive Handles & Attachments**

Part No.	Description	Size
4400	1/2" Drive Ratchet, Nitrile Comfort Grip Handle	10-1/2"
4402	1/2" Drive Extension	1-1/2"
4405	1/2" Drive Extension	5"
4409	1/2" Drive Wobble Extension	1-1/2"
4410	1/2" Drive Extension	10"
4420	1/2" Drive Extension	20"
4425	1/2" Drive Ratchet, Long Knurled Grip Handle	15"
4426	1/2" Drive Ratchet, Knurled Grip Handle	10-1/4"
4435	1/2" Drive Flex Handle	18"
4437	1/2" Drive Flex Handle	10-5/8"
4438	1/2" Drive Flex Handle	18"
4439	1/2" Drive Flex Handle	18"
4443	1/2" Drive Sliding T	10-11/16"
4445	1/2" Drive Speeder	16-3/4"
4480	1/2" Drive Ratchet, Open Head, Pear Shape	10-1/2"
4490	1/2" Drive Ratchet, Double Pawl, Contour Grip	11"
4494	1/2" Drive Ratchet, Double Pawl, Contour Grip	15"

DISPLAY BOARDS



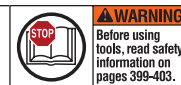
## Fractional Standard & Deep Sockets

**D947 – 61 Pieces, 1/2" Drive 6 Pt. Standard & Deep Sockets**

Part No.	Description	Size
4012	1/2" Drive Standard Socket, 6 Pt.	3/8"
4014	1/2" Drive Standard Socket, 6 Pt.	7/16"
4016	1/2" Drive Standard Socket, 6 Pt.	1/2"
4018	1/2" Drive Standard Socket, 6 Pt.	9/16"
4020	1/2" Drive Standard Socket, 6 Pt.	5/8"
4022	1/2" Drive Standard Socket, 6 Pt.	11/16"
4024	1/2" Drive Standard Socket, 6 Pt.	3/4"
4026	1/2" Drive Standard Socket, 6 Pt.	13/16"
4028	1/2" Drive Standard Socket, 6 Pt.	7/8"
4030	1/2" Drive Standard Socket, 6 Pt.	15/16"
4032	1/2" Drive Standard Socket, 6 Pt.	1"
4034	1/2" Drive Standard Socket, 6 Pt.	1-1/16"
4036	1/2" Drive Standard Socket, 6 Pt.	1-1/8"
4038	1/2" Drive Standard Socket, 6 Pt.	1-3/16"
4040	1/2" Drive Standard Socket, 6 Pt.	1-1/4"
4042	1/2" Drive Standard Socket, 6 Pt.	1-5/16"
4044	1/2" Drive Standard Socket, 6 Pt.	1-3/8"
4046	1/2" Drive Standard Socket, 6 Pt.	1-7/16"
4048	1/2" Drive Standard Socket, 6 Pt.	1-1/2"
4208	1/2" Drive Hex Bits Socket	1/4"
4210	1/2" Drive Hex Bits Socket	5/16"
4212	1/2" Drive Hex Bits Socket	3/8"
4214	1/2" Drive Hex Bits Socket	7/16"
4216	1/2" Drive Hex Bits Socket	1/2"
4218	1/2" Drive Hex Bits Socket	9/16"
4220	1/2" Drive Hex Bits Socket	5/8"
4312	1/2" Drive Special 8 Pt. Standard Socket	3/8"
4314	1/2" Drive Special 8 Pt. Standard Socket	7/16"
4316	1/2" Drive Special 8 Pt. Standard Socket	1/2"
4318	1/2" Drive Special 8 Pt. Standard Socket	9/16"
4320	1/2" Drive Special 8 Pt. Standard Socket	5/8"
4322	1/2" Drive Special 8 Pt. Standard Socket	11/16"
4324	1/2" Drive Special 8 Pt. Standard Socket	3/4"
4326	1/2" Drive Special 8 Pt. Standard Socket	13/16"
4328	1/2" Drive Special 8 Pt. Standard Socket	7/8"
4330	1/2" Drive Special 8 Pt. Standard Socket	15/16"
4332	1/2" Drive Special 8 Pt. Standard Socket	1"
4334	1/2" Drive Special 8 Pt. Standard Socket	1-1/16"
4336	1/2" Drive Special 8 Pt. Standard Socket	1-1/8"
4340	1/2" Drive Special 8 Pt. Standard Socket	1-1/4"
4512	1/2" Drive Deep Socket, 6 Pt.	3/8"
4514	1/2" Drive Deep Socket, 6 Pt.	7/16"
4516	1/2" Drive Deep Socket, 6 Pt.	1/2"
4518	1/2" Drive Deep Socket, 6 Pt.	9/16"
4520	1/2" Drive Deep Socket, 6 Pt.	5/8"
4522	1/2" Drive Deep Socket, 6 Pt.	11/16"
4524	1/2" Drive Deep Socket, 6 Pt.	3/4"
4526	1/2" Drive Deep Socket, 6 Pt.	13/16"
4528	1/2" Drive Deep Socket, 6 Pt.	7/8"
4530	1/2" Drive Deep Socket, 6 Pt.	15/16"
4532	1/2" Drive Deep Socket, 6 Pt.	1"
4534	1/2" Drive Deep Socket, 6 Pt.	1-1/16"



Part No.	Description	Size
4536	1/2" Drive Deep Socket, 6 Pt.	1-1/8"
4540	1/2" Drive Deep Socket, 6 Pt.	1-1/4"
4542	1/2" Drive Deep Socket, 6 Pt.	1-5/8"
4544	1/2" Drive Deep Socket, 6 Pt.	1-3/8"
4546	1/2" Drive Deep Socket, 6 Pt.	1-7/16"
4548	1/2" Drive Deep Socket, 6 Pt.	1-1/2"
4590	1/2" Drive Spark Plug Holding Socket	5/8"
4596	1/2" Drive Spark Plug Holding Socket	13/16"
4598	1/2" Drive Spark Plug Holding Socket	7/8"





## Fractional Standard & Deep Sockets

**D948 – 40 Pieces, 1/2" Drive 12 Pt. Standard & Deep Sockets**

Part No.	Description	Size
4112	1/2" Drive Standard Socket, 12 Pt.	3/8"
4114	1/2" Drive Standard Socket, 12 Pt.	7/16"
4116	1/2" Drive Standard Socket, 12 Pt.	1/2"
4118	1/2" Drive Standard Socket, 12 Pt.	9/16"
4120	1/2" Drive Standard Socket, 12 Pt.	5/8"
4122	1/2" Drive Standard Socket, 12 Pt.	11/16"
4124	1/2" Drive Standard Socket, 12 Pt.	3/4"
4126	1/2" Drive Standard Socket, 12 Pt.	13/16"
4128	1/2" Drive Standard Socket, 12 Pt.	7/8"
4130	1/2" Drive Standard Socket, 12 Pt.	15/16"
4132	1/2" Drive Standard Socket, 12 Pt.	1"
4134	1/2" Drive Standard Socket, 12 Pt.	1-1/16"
4136	1/2" Drive Standard Socket, 12 Pt.	1-1/8"
4138	1/2" Drive Standard Socket, 12 Pt.	1-3/16"
4140	1/2" Drive Standard Socket, 12 Pt.	1-1/4"
4142	1/2" Drive Standard Socket, 12 Pt.	1-5/16"
4144	1/2" Drive Standard Socket, 12 Pt.	1-3/8"
4146	1/2" Drive Standard Socket, 12 Pt.	1-7/16"
4148	1/2" Drive Standard Socket, 12 Pt.	1-1/2"
4453	1/2" Drive Adaptor	
4475	1/2" Drive Universal	
4612	1/2" Drive Deep Socket, 12 Pt.	3/8"
4614	1/2" Drive Deep Socket, 12 Pt.	7/16"
4616	1/2" Drive Deep Socket, 12 Pt.	1/2"
4618	1/2" Drive Deep Socket, 12 Pt.	9/16"
4620	1/2" Drive Deep Socket, 12 Pt.	5/8"
4622	1/2" Drive Deep Socket, 12 Pt.	11/16"
4624	1/2" Drive Deep Socket, 12 Pt.	3/4"
4626	1/2" Drive Deep Socket, 12 Pt.	13/16"
4628	1/2" Drive Deep Socket, 12 Pt.	7/8"
4630	1/2" Drive Deep Socket, 12 Pt.	15/16"
4632	1/2" Drive Deep Socket, 12 Pt.	1"
4634	1/2" Drive Deep Socket, 12 Pt.	1-1/16"
4636	1/2" Drive Deep Socket, 12 Pt.	1-1/8"
4638	1/2" Drive Deep Socket, 12 Pt.	1-3/16"
4640	1/2" Drive Deep Socket, 12 Pt.	1-1/4"
4642	1/2" Drive Deep Socket, 12 Pt.	1-5/16"
4644	1/2" Drive Deep Socket, 12 Pt.	1-3/8"
4646	1/2" Drive Deep Socket, 12 Pt.	1-7/16"
4648	1/2" Drive Deep Socket, 12 Pt.	1-1/2"

**DISPLAY BOARDS**



**Metric Sockets**

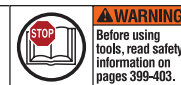
**D958 – 61 Pieces, 1/2" & 3/4" Drive 12 Pt. Sockets**

Part No.	Description	Size
41-09mm	1/2" Drive Metric Standard Socket, 12 Pt.	9mm
41-10mm	1/2" Drive Metric Standard Socket, 12 Pt.	10mm
41-11mm	1/2" Drive Metric Standard Socket, 12 Pt.	11mm
41-12mm	1/2" Drive Metric Standard Socket, 12 Pt.	12mm
41-13mm	1/2" Drive Metric Standard Socket, 12 Pt.	13mm
41-14mm	1/2" Drive Metric Standard Socket, 12 Pt.	14mm
41-15mm	1/2" Drive Metric Standard Socket, 12 Pt.	15mm
41-16mm	1/2" Drive Metric Standard Socket, 12 Pt.	16mm
41-17mm	1/2" Drive Metric Standard Socket, 12 Pt.	17mm
41-18mm	1/2" Drive Metric Standard Socket, 12 Pt.	18mm
41-19mm	1/2" Drive Metric Standard Socket, 12 Pt.	19mm
41-20mm	1/2" Drive Metric Standard Socket, 12 Pt.	20mm
41-21mm	1/2" Drive Metric Standard Socket, 12 Pt.	21mm
41-22mm	1/2" Drive Metric Standard Socket, 12 Pt.	22mm
41-23mm	1/2" Drive Metric Standard Socket, 12 Pt.	23mm
41-24mm	1/2" Drive Metric Standard Socket, 12 Pt.	24mm
41-25mm	1/2" Drive Metric Standard Socket, 12 Pt.	25mm
41-26mm	1/2" Drive Metric Standard Socket, 12 Pt.	26mm
41-27mm	1/2" Drive Metric Standard Socket, 12 Pt.	27mm
41-30mm	1/2" Drive Metric Standard Socket, 12 Pt.	30mm
41-32mm	1/2" Drive Metric Standard Socket, 12 Pt.	32mm
41-36mm	1/2" Drive Metric Standard Socket, 12 Pt.	36mm
42-06mm	1/2" Drive Metric Hex Bit Socket	6mm
42-08mm	1/2" Drive Metric Hex Bit Socket	8mm
42-10mm	1/2" Drive Metric Hex Bit Socket	10mm
42-12mm	1/2" Drive Metric Hex Bit Socket	12mm
42-14mm	1/2" Drive Metric Hex Bit Socket	14mm
42-17mm	1/2" Drive Metric Hex Bit Socket	17mm
46-15mm	1/2" Drive Metric Deep Socket, 12 Pt.	15mm
46-17mm	1/2" Drive Metric Deep Socket, 12 Pt.	17mm
46-18mm	1/2" Drive Metric Deep Socket, 12 Pt.	18mm
46-19mm	1/2" Drive Metric Deep Socket, 12 Pt.	19mm
46-20mm	1/2" Drive Metric Deep Socket, 12 Pt.	20mm
46-21mm	1/2" Drive Metric Deep Socket, 12 Pt.	21mm
46-22mm	1/2" Drive Metric Deep Socket, 12 Pt.	22mm
46-24mm	1/2" Drive Metric Deep Socket, 12 Pt.	24mm
46-25mm	1/2" Drive Metric Deep Socket, 12 Pt.	25mm
46-26mm	1/2" Drive Metric Deep Socket, 12 Pt.	26mm
61-19mm	3/4" Drive Metric Standard Socket, 12 Pt.	19mm
61-21mm	3/4" Drive Metric Standard Socket, 12 Pt.	21mm
61-22mm	3/4" Drive Metric Standard Socket, 12 Pt.	22mm
61-23mm	3/4" Drive Metric Standard Socket, 12 Pt.	23mm
61-24mm	3/4" Drive Metric Standard Socket, 12 Pt.	24mm
61-25mm	3/4" Drive Metric Standard Socket, 12 Pt.	25mm
61-26mm	3/4" Drive Metric Standard Socket, 12 Pt.	26mm
61-27mm	3/4" Drive Metric Standard Socket, 12 Pt.	27mm
61-28mm	3/4" Drive Metric Standard Socket, 12 Pt.	28mm
61-29mm	3/4" Drive Metric Standard Socket, 12 Pt.	29mm
61-30mm	3/4" Drive Metric Standard Socket, 12 Pt.	30mm
61-32mm	3/4" Drive Metric Standard Socket, 12 Pt.	32mm



Part No.	Description	Size
61-35mm	3/4" Drive Metric Standard Socket, 12 Pt.	35mm
61-36mm	3/4" Drive Metric Standard Socket, 12 Pt.	36mm
61-38mm	3/4" Drive Metric Standard Socket, 12 Pt.	38mm
61-41mm	3/4" Drive Metric Standard Socket, 12 Pt.	41mm
61-42mm	3/4" Drive Metric Standard Socket, 12 Pt.	42mm
61-46mm	3/4" Drive Metric Standard Socket, 12 Pt.	46mm
61-50mm	3/4" Drive Metric Standard Socket, 12 Pt.	50mm
61-54mm	3/4" Drive Metric Standard Socket, 12 Pt.	54mm
61-55mm	3/4" Drive Metric Standard Socket, 12 Pt.	55mm
61-58mm	3/4" Drive Metric Standard Socket, 12 Pt.	58mm
61-60mm	3/4" Drive Metric Standard Socket, 12 Pt.	60mm

DISPLAY BOARDS





### Fractional Sockets, Handles & Attachments

**D949 – 16 Pieces, 3/4" Drive 12 Pt. Sockets, Handles & Attachments**

Part No.	Description	Size
6124	3/4" Drive Standard Socket, 12 Pt.	3/4"
6126	3/4" Drive Standard Socket, 12 Pt.	13/16"
6128	3/4" Drive Standard Socket, 12 Pt.	7/8"
6130	3/4" Drive Standard Socket, 12 Pt.	15/16"
6132	3/4" Drive Standard Socket, 12 Pt.	1"
6134	3/4" Drive Standard Socket, 12 Pt.	1-1/16"
6136	3/4" Drive Standard Socket, 12 Pt.	1-1/8"
6138	3/4" Drive Standard Socket, 12 Pt.	1-3/16"
6140	3/4" Drive Standard Socket, 12 Pt.	1-1/4"
6400	3/4" Drive Ratchet, Knurled Steel Handle	24"
6403	3/4" Drive 3-1/2" Extension	
6408	3/4" Drive 8" Extension	
6416	3/4" Drive 16" Extension	
6435	3/4" Drive Flex Handle	21-5/8"
6443	3/4" Drive Sliding T	17-1/2"
6475	3/4" Drive Universal	3-3/16"



### Fractional Standard & Deep Sockets

**D950 – 30 Pieces, 3/4" Drive 12 Pt. Standard & Deep Sockets**

Part No.	Description	Size
6142	3/4" Drive Standard Socket, 12 Pt.	1-5/16"
6144	3/4" Drive Standard Socket, 12 Pt.	1-3/8"
6146	3/4" Drive Standard Socket, 12 Pt.	1-7/16"
6148	3/4" Drive Standard Socket, 12 Pt.	1-1/2"
6150	3/4" Drive Standard Socket, 12 Pt.	1-9/16"
6152	3/4" Drive Standard Socket, 12 Pt.	1-5/8"
6154	3/4" Drive Standard Socket, 12 Pt.	1-11/16"
6156	3/4" Drive Standard Socket, 12 Pt.	1-3/4"
6158	3/4" Drive Standard Socket, 12 Pt.	1-13/16"
6160	3/4" Drive Standard Socket, 12 Pt.	1-7/8"
6164	3/4" Drive Standard Socket, 12 Pt.	2"
6166	3/4" Drive Standard Socket, 12 Pt.	2-1/16"
6168	3/4" Drive Standard Socket, 12 Pt.	2-1/8"
6170	3/4" Drive Standard Socket, 12 Pt.	2-3/16"
6172	3/4" Drive Standard Socket, 12 Pt.	2-1/4"
6176	3/4" Drive Standard Socket, 12 Pt.	2-3/8"
6524	3/4" Drive Deep Socket, 6 Pt.	3/4"
6526	3/4" Drive Deep Socket, 6 Pt.	1-3/16"
6528	3/4" Drive Deep Socket, 6 Pt.	7/8"
6530	3/4" Drive Deep Socket, 6 Pt.	15/16"
6532	3/4" Drive Deep Socket, 6 Pt.	1"
6534	3/4" Drive Deep Socket, 6 Pt.	1-1/16"
6536	3/4" Drive Deep Socket, 6 Pt.	1-1/8"
6538	3/4" Drive Deep Socket, 6 Pt.	1-3/16"
6540	3/4" Drive Deep Socket, 6 Pt.	1-1/4"
6542	3/4" Drive Deep Socket, 6 Pt.	1-5/16"
6544	3/4" Drive Deep Socket, 6 Pt.	1-3/8"
6546	3/4" Drive Deep Socket, 6 Pt.	1-7/16"
6548	3/4" Drive Deep Socket, 6 Pt.	1-1/2"
6552	3/4" Drive Deep Socket, 6 Pt.	1-5/8"



## Fractional Sockets, Handles & Attachments

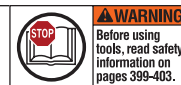
**D951** – 24 Pieces, 1" Drive 12 Pt. Standard Sockets, Handles & Attachments

**D952** – 13 Pieces, 1" Drive 12 Pt. Standard Sockets, Handles & Attachments

Part No.	Description	Size
<b>D951</b>		
8134	1" Drive Standard Socket, 12 Pt.	1-1/16"
8136	1" Drive Standard Socket, 12 Pt.	1-1/8"
8138	1" Drive Standard Socket, 12 Pt.	1-3/16"
8140	1" Drive Standard Socket, 12 Pt.	1-1/4"
8142	1" Drive Standard Socket, 12 Pt.	1-5/16"
8144	1" Drive Standard Socket, 12 Pt.	1-3/8"
8146	1" Drive Standard Socket, 12 Pt.	1-7/16"
8148	1" Drive Standard Socket, 12 Pt.	1-1/2"
8152	1" Drive Standard Socket, 12 Pt.	1-5/8"
8154	1" Drive Standard Socket, 12 Pt.	1-11/16"
8156	1" Drive Standard Socket, 12 Pt.	1-3/4"
8158	1" Drive Standard Socket, 12 Pt.	1-13/16"
8160	1" Drive Standard Socket, 12 Pt.	1-7/8"
8162	1" Drive Standard Socket, 12 Pt.	1-15/16"
8164	1" Drive Standard Socket, 12 Pt.	2"
8168	1" Drive Standard Socket, 12 Pt.	2-1/8"
8170	1" Drive Standard Socket, 12 Pt.	2-3/16"
8172	1" Drive Standard Socket, 12 Pt.	2-1/4"
8174	1" Drive Standard Socket, 12 Pt.	2-5/16"
8400	1" Drive Ratchet, Knurled Steel Handle	30"
8408	1" Drive Extension	8"
8417	1" Drive Extension	17"
8435	1" Drive Flex Handle	26"
8443	1" Drive Sliding T	22"
<b>D952</b>		
8176	1" Drive Standard Socket, 12 Pt.	2-3/8"
8178	1" Drive Standard Socket, 12 Pt.	2-7/16"
8180	1" Drive Standard Socket, 12 Pt.	2-1/2"
8182	1" Drive Standard Socket, 12 Pt.	2-9/16"
8184	1" Drive Standard Socket, 12 Pt.	2-5/8"
8188	1" Drive Standard Socket, 12 Pt.	2-3/4"
8190	1" Drive Standard Socket, 12 Pt.	2-13/16"
8194	1" Drive Standard Socket, 12 Pt.	2-15/16"
8196	1" Drive Standard Socket, 12 Pt.	3"
8197	1" Drive Standard Socket, 12 Pt.	3-1/8"
8198	1" Drive Standard Socket, 12 Pt.	2-3/8"
8199	1" Drive Standard Socket, 12 Pt.	3-1/2"
8402	1" Drive Renewal Kit for 8400 & 8425 Ratchets	



DISPLAY BOARDS





## Fractional Impact Sockets & Attachments

**D953 – 55 Pieces, 1/2" Drive 6 Pt. & 12 Pt. Std. & Deep Impact Sockets & Attachments**

Part No.	Description	Size
4800	1/2" Drive Impact Universal Joint	2-11/16"
4812	1/2" Drive Standard Impact Socket, 6 Pt.	3/8"
4814	1/2" Drive Standard Impact Socket, 6 Pt.	7/16"
4816	1/2" Drive Standard Impact Socket, 6 Pt.	1/2"
4818	1/2" Drive Standard Impact Socket, 6 Pt.	9/16"
4820	1/2" Drive Standard Impact Socket, 6 Pt.	5/8"
4822	1/2" Drive Standard Impact Socket, 6 Pt.	11/16"
4824	1/2" Drive Standard Impact Socket, 6 Pt.	3/4"
4826	1/2" Drive Standard Impact Socket, 6 Pt.	13/16"
4828	1/2" Drive Standard Impact Socket, 6 Pt.	7/8"
4830	1/2" Drive Standard Impact Socket, 6 Pt.	15/16"
4832	1/2" Drive Standard Impact Socket, 6 Pt.	1"
4834	1/2" Drive Standard Impact Socket, 6 Pt.	1-1/16"
4836	1/2" Drive Standard Impact Socket, 6 Pt.	1-1/8"
4838	1/2" Drive Standard Impact Socket, 6 Pt.	1-3/16"
4840	1/2" Drive Standard Impact Socket, 6 Pt.	1-1/4"
4842	1/2" Drive Standard Impact Socket, 6 Pt.	1-5/16"
4844	1/2" Drive Standard Impact Socket, 6 Pt.	1-3/8"

Part No.	Description	Size
4846	1/2" Drive Standard Impact Socket, 6 Pt.	1-7/16"
4848	1/2" Drive Standard Impact Socket, 6 Pt.	1-1/2"
4864	1/2" Drive Standard Impact Socket, 12 Pt.	7/16"
4866	1/2" Drive Standard Impact Socket, 12 Pt.	1/2"
4868	1/2" Drive Standard Impact Socket, 12 Pt.	9/16"
4870	1/2" Drive Standard Impact Socket, 12 Pt.	5/8"
4872	1/2" Drive Standard Impact Socket, 12 Pt.	11/16"
4874	1/2" Drive Standard Impact Socket, 12 Pt.	3/4"
4900	1/2" Drive Impact Adaptor	
4902	1/2" Drive Impact Adaptor	
4903	1/2" Drive Impact Pin Lock Extensions	2"
4905	1/2" Drive Impact Ball Lock Extensions	5"
4909	1/2" Drive Impact Pin Lock Extensions	10"
4912	1/2" Drive Deep Impact Socket, 6 Pt.	3/8"
4914	1/2" Drive Deep Impact Socket, 6 Pt.	7/16"
4916	1/2" Drive Deep Impact Socket, 6 Pt.	1/2"
4918	1/2" Drive Deep Impact Socket, 6 Pt.	9/16"
4920	1/2" Drive Deep Impact Socket, 6 Pt.	5/8"
4922	1/2" Drive Deep Impact Socket, 6 Pt.	11/16"
4924	1/2" Drive Deep Impact Socket, 6 Pt.	3/4"
4926	1/2" Drive Deep Impact Socket, 6 Pt.	13/16"
4928	1/2" Drive Deep Impact Socket, 6 Pt.	7/8"
4930	1/2" Drive Deep Impact Socket, 6 Pt.	15/16"
4932	1/2" Drive Deep Impact Socket, 6 Pt.	1"
4934	1/2" Drive Deep Impact Socket, 6 Pt.	1-1/16"
4936	1/2" Drive Deep Impact Socket, 6 Pt.	1-1/8"
4940	1/2" Drive Deep Impact Socket, 6 Pt.	1-1/4"
4942	1/2" Drive Deep Impact Socket, 6 Pt.	1-5/16"
4944	1/2" Drive Deep Impact Socket, 6 Pt.	1-3/8"
4946	1/2" Drive Deep Impact Socket, 6 Pt.	1-7/16"
4948	1/2" Drive Deep Impact Socket, 6 Pt.	1-1/2"
4964	1/2" Drive Deep Impact Socket, 12 Pt.	7/16"
4966	1/2" Drive Deep Impact Socket, 12 Pt.	1/2"
4968	1/2" Drive Deep Impact Socket, 12 Pt.	9/16"
4970	1/2" Drive Deep Impact Socket, 12 Pt.	5/8"
4972	1/2" Drive Deep Impact Socket, 12 Pt.	11/16"
4974	1/2" Drive Deep Impact Socket, 12 Pt.	3/4"

DISPLAY BOARDS



Always use a Ret Ring® when working with impact products.

## Fractional Impact Sockets & Attachments

### D985 – 44 Pieces, 3/4" Drive 6 Pt. & 12 Pt. Standard Impact Sockets & Attachments

Part No.	Description	Size
6218	3/4" Drive Hex Bit Socket	9/16"
6220	3/4" Drive Hex Bit Socket	5/8"
6224	3/4" Drive Hex Bit Socket	3/4"
6228	3/4" Drive Hex Bit Socket	7/8"
6232	3/4" Drive Hex Bit Socket	1"
67H18	3/4" Drive Standard Impact Socket, 12 Pt.	9/16"
67H20	3/4" Drive Standard Impact Socket, 12 Pt.	5/8"
67H22	3/4" Drive Standard Impact Socket, 12 Pt.	11/16"
67H24	3/4" Drive Standard Impact Socket, 12 Pt.	3/4"
67H26	3/4" Drive Standard Impact Socket, 12 Pt.	13/16"
67H28	3/4" Drive Standard Impact Socket, 12 Pt.	7/8"
67H30	3/4" Drive Standard Impact Socket, 12 Pt.	15/16"
67H32	3/4" Drive Standard Impact Socket, 12 Pt.	1"
6800	3/4" Drive Impact Universal Joint	
6818	3/4" Drive Standard Impact Socket, 6 Pt.	9/16"
6820	3/4" Drive Standard Impact Socket, 6 Pt.	5/8"
6822	3/4" Drive Standard Impact Socket, 6 Pt.	11/16"
6824	3/4" Drive Standard Impact Socket, 6 Pt.	3/4"
6826	3/4" Drive Standard Impact Socket, 6 Pt.	13/16"
6828	3/4" Drive Standard Impact Socket, 6 Pt.	7/8"
6830	3/4" Drive Standard Impact Socket, 6 Pt.	15/16"
6832	3/4" Drive Standard Impact Socket, 6 Pt.	1"
6834	3/4" Drive Standard Impact Socket, 6 Pt.	1-1/16"
6836	3/4" Drive Standard Impact Socket, 6 Pt.	1-1/8"
6838	3/4" Drive Standard Impact Socket, 6 Pt.	1-3/16"
6840	3/4" Drive Standard Impact Socket, 6 Pt.	1-1/4"
6842	3/4" Drive Standard Impact Socket, 6 Pt.	1-5/16"
6844	3/4" Drive Standard Impact Socket, 6 Pt.	1-3/8"
6846	3/4" Drive Standard Impact Socket, 6 Pt.	1-7/16"
6848	3/4" Drive Standard Impact Socket, 6 Pt.	1-1/2"
6850	3/4" Drive Standard Impact Socket, 6 Pt.	1-9/16"
6852	3/4" Drive Standard Impact Socket, 6 Pt.	1-5/8"
6854	3/4" Drive Standard Impact Socket, 6 Pt.	1-11/16"
6856	3/4" Drive Standard Impact Socket, 6 Pt.	1-3/4"
6858	3/4" Drive Standard Impact Socket, 6 Pt.	1-13/16"
6860	3/4" Drive Standard Impact Socket, 6 Pt.	1-7/8"
6862	3/4" Drive Standard Impact Socket, 6 Pt.	1-15/16"
6864	3/4" Drive Standard Impact Socket, 6 Pt.	2"
6900	3/4" Drive Impact Adaptor	
6901	3/4" Drive Impact Adaptor	
6907	3/4" Drive Impact Extension	7"
6910	3/4" Drive Impact Extension	10"
6913	3/4" Drive Impact Extension	13"
8900	1" Drive Impact Adaptor	



DISPLAY BOARDS

Always use a Ret Ring® when working with impact products.



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.





## Fractional Deep Impact Sockets

**D986 – 33 Pieces, 3/4" Drive 6 Pt. & 12 Pt. Deep Impact Sockets**

Part No.	Description	Size
6918	3/4" Drive Deep Impact, 6 Pt.	9/16"
6920	3/4" Drive Deep Impact, 6 Pt.	5/8"
6922	3/4" Drive Deep Impact, 6 Pt.	11/16"
6924	3/4" Drive Deep Impact, 6 Pt.	3/4"
6926	3/4" Drive Deep Impact, 6 Pt.	13/16"
6928	3/4" Drive Deep Impact, 6 Pt.	7/8"
6930	3/4" Drive Deep Impact, 6 Pt.	15/16"
6932	3/4" Drive Deep Impact, 6 Pt.	1"
6934	3/4" Drive Deep Impact, 6 Pt.	1-1/16"
6936	3/4" Drive Deep Impact, 6 Pt.	1-1/8"
6938	3/4" Drive Deep Impact, 6 Pt.	1-3/16"
6940	3/4" Drive Deep Impact, 6 Pt.	1-1/4"
6942	3/4" Drive Deep Impact, 6 Pt.	1-5/16"
6944	3/4" Drive Deep Impact, 6 Pt.	1-3/8"
6946	3/4" Drive Deep Impact, 6 Pt.	1-7/16"
6948	3/4" Drive Deep Impact, 6 Pt.	1-1/2"
6950	3/4" Drive Deep Impact, 6 Pt.	1-9/16"
6952	3/4" Drive Deep Impact, 6 Pt.	1-5/8"
6954	3/4" Drive Deep Impact, 6 Pt.	1-11/16"
6956	3/4" Drive Deep Impact, 6 Pt.	1-3/4"
6958	3/4" Drive Deep Impact, 6 Pt.	1-13/16"
6960	3/4" Drive Deep Impact, 6 Pt.	1-7/8"
6962	3/4" Drive Deep Impact, 6 Pt.	1-15/16"
6964	3/4" Drive Deep Impact, 6 Pt.	2"
6968	3/4" Drive Deep Impact, 6 Pt.	2-1/8"
6969	3/4" Drive Deep Impact, 12 Pt.	9/16"
6970	3/4" Drive Deep Impact, 12 Pt.	5/8"
6972	3/4" Drive Deep Impact, 12 Pt.	11/16"
6974	3/4" Drive Deep Impact, 12 Pt.	3/4"
6976	3/4" Drive Deep Impact, 12 Pt.	13/16"
6978	3/4" Drive Deep Impact, 12 Pt.	7/8"
6980	3/4" Drive Deep Impact, 12 Pt.	15/16"
6982	3/4" Drive Deep Impact, 12 Pt.	1"

DISPLAY BOARDS



Always use a Ret Ring® when working with impact products.

## Metric Impact Sockets

### D959 – 94 Pieces, 3/8" & 1/2" Drive 6 Pt. Standard & Deep Impact Sockets

Part No.	Description	Size
38-06mm	3/8" Drive Metric Standard Impact Socket, 6 Pt.	6mm
38-07mm	3/8" Drive Metric Standard Impact Socket, 6 Pt.	7mm
38-08mm	3/8" Drive Metric Standard Impact Socket, 6 Pt.	8mm
38-09mm	3/8" Drive Metric Standard Impact Socket, 6 Pt.	9mm
38-10mm	3/8" Drive Metric Standard Impact Socket, 6 Pt.	10mm
38-11mm	3/8" Drive Metric Standard Impact Socket, 6 Pt.	11mm
38-12mm	3/8" Drive Metric Standard Impact Socket, 6 Pt.	12mm
38-13mm	3/8" Drive Metric Standard Impact Socket, 6 Pt.	13mm
38-14mm	3/8" Drive Metric Standard Impact Socket, 6 Pt.	14mm
38-15mm	3/8" Drive Metric Standard Impact Socket, 6 Pt.	15mm
38-16mm	3/8" Drive Metric Standard Impact Socket, 6 Pt.	16mm
38-17mm	3/8" Drive Metric Standard Impact Socket, 6 Pt.	17mm
38-18mm	3/8" Drive Metric Standard Impact Socket, 6 Pt.	18mm
38-19mm	3/8" Drive Metric Standard Impact Socket, 6 Pt.	19mm
38-50mm	3/8" Drive Metric Std. Univ. Power Socket, 6 Pt.	10mm
38-51mm	3/8" Drive Metric Std. Univ. Power Socket, 6 Pt.	11mm
38-52mm	3/8" Drive Metric Std. Univ. Power Socket, 6 Pt.	12mm
38-53mm	3/8" Drive Metric Std. Univ. Power Socket, 6 Pt.	13mm
38-54mm	3/8" Drive Metric Std. Univ. Power Socket, 6 Pt.	14mm
38-55mm	3/8" Drive Metric Std. Univ. Power Socket, 6 Pt.	15mm
38-56mm	3/8" Drive Metric Std. Univ. Power Socket, 6 Pt.	16mm
38-57mm	3/8" Drive Metric Std. Univ. Power Socket, 6 Pt.	17mm
38-58mm	3/8" Drive Metric Std. Univ. Power Socket, 6 Pt.	18mm
38-59mm	3/8" Drive Metric Std. Univ. Power Socket, 6 Pt.	19mm
39-06mm	3/8" Drive Metric Deep Impact Socket, 6 Pt.	6mm
39-07mm	3/8" Drive Metric Deep Impact Socket, 6 Pt.	7mm
39-08mm	3/8" Drive Metric Deep Impact Socket, 6 Pt.	8mm
39-09mm	3/8" Drive Metric Deep Impact Socket, 6 Pt.	9mm
39-10mm	3/8" Drive Metric Deep Impact Socket, 6 Pt.	10mm
39-11mm	3/8" Drive Metric Deep Impact Socket, 6 Pt.	11mm
39-12mm	3/8" Drive Metric Deep Impact Socket, 6 Pt.	12mm
39-13mm	3/8" Drive Metric Deep Impact Socket, 6 Pt.	13mm
39-14mm	3/8" Drive Metric Deep Impact Socket, 6 Pt.	14mm
39-15mm	3/8" Drive Metric Deep Impact Socket, 6 Pt.	15mm
39-16mm	3/8" Drive Metric Deep Impact Socket, 6 Pt.	16mm
39-17mm	3/8" Drive Metric Deep Impact Socket, 6 Pt.	17mm
39-18mm	3/8" Drive Metric Deep Impact Socket, 6 Pt.	18mm
39-19mm	3/8" Drive Metric Deep Impact Socket, 6 Pt.	19mm
39-50mm	3/8" Drive Metric Deep Univ. Power Socket, 6 Pt.	10mm
39-51mm	3/8" Drive Metric Deep Univ. Power Socket, 6 Pt.	11mm
39-52mm	3/8" Drive Metric Deep Univ. Power Socket, 6 Pt.	12mm
39-53mm	3/8" Drive Metric Deep Univ. Power Socket, 6 Pt.	13mm
39-54mm	3/8" Drive Metric Deep Univ. Power Socket, 6 Pt.	14mm
39-55mm	3/8" Drive Metric Deep Univ. Power Socket, 6 Pt.	15mm
39-56mm	3/8" Drive Metric Deep Univ. Power Socket, 6 Pt.	16mm
39-57mm	3/8" Drive Metric Deep Univ. Power Socket, 6 Pt.	17mm
39-58mm	3/8" Drive Metric Deep Univ. Power Socket, 6 Pt.	18mm
39-59mm	3/8" Drive Metric Deep Univ. Power Socket, 6 Pt.	19mm
48-10mm	1/2" Drive Metric Standard Impact Socket, 6 Pt.	10mm
48-11mm	1/2" Drive Metric Standard Impact Socket, 6 Pt.	11mm
48-12mm	1/2" Drive Metric Standard Impact Socket, 6 Pt.	12mm
48-13mm	1/2" Drive Metric Standard Impact Socket, 6 Pt.	13mm
48-14mm	1/2" Drive Metric Standard Impact Socket, 6 Pt.	14mm
48-15mm	1/2" Drive Metric Standard Impact Socket, 6 Pt.	15mm
48-16mm	1/2" Drive Metric Standard Impact Socket, 6 Pt.	16mm
48-17mm	1/2" Drive Metric Standard Impact Socket, 6 Pt.	17mm
48-18mm	1/2" Drive Metric Standard Impact Socket, 6 Pt.	18mm
48-19mm	1/2" Drive Metric Standard Impact Socket, 6 Pt.	19mm



Part No.	Description	Size
48-20mm	1/2" Drive Metric Standard Impact Socket, 6 Pt.	20mm
48-21mm	1/2" Drive Metric Standard Impact Socket, 6 Pt.	21mm
48-22mm	1/2" Drive Metric Standard Impact Socket, 6 Pt.	22mm
48-23mm	1/2" Drive Metric Standard Impact Socket, 6 Pt.	23mm
48-24mm	1/2" Drive Metric Standard Impact Socket, 6 Pt.	24mm
48-25mm	1/2" Drive Metric Standard Impact Socket, 6 Pt.	25mm
48-26mm	1/2" Drive Metric Standard Impact Socket, 6 Pt.	26mm
48-27mm	1/2" Drive Metric Standard Impact Socket, 6 Pt.	27mm
48-28mm	1/2" Drive Metric Standard Impact Socket, 6 Pt.	28mm
48-30mm	1/2" Drive Metric Standard Impact Socket, 6 Pt.	30mm
48-32mm	1/2" Drive Metric Standard Impact Socket, 6 Pt.	32mm
48-36mm	1/2" Drive Metric Standard Impact Socket, 6 Pt.	36mm
49-10mm	1/2" Drive Metric Deep Impact Socket, 6 Pt.	10mm
49-11mm	1/2" Drive Metric Deep Impact Socket, 6 Pt.	11mm
49-12mm	1/2" Drive Metric Deep Impact Socket, 6 Pt.	12mm
49-13mm	1/2" Drive Metric Deep Impact Socket, 6 Pt.	13mm
49-14mm	1/2" Drive Metric Deep Impact Socket, 6 Pt.	14mm
49-15mm	1/2" Drive Metric Deep Impact Socket, 6 Pt.	15mm
49-16mm	1/2" Drive Metric Deep Impact Socket, 6 Pt.	16mm
49-17mm	1/2" Drive Metric Deep Impact Socket, 6 Pt.	17mm
49-18mm	1/2" Drive Metric Deep Impact Socket, 6 Pt.	18mm
49-19mm	1/2" Drive Metric Deep Impact Socket, 6 Pt.	19mm
49-20mm	1/2" Drive Metric Deep Impact Socket, 6 Pt.	20mm
49-21mm	1/2" Drive Metric Deep Impact Socket, 6 Pt.	21mm
49-22mm	1/2" Drive Metric Deep Impact Socket, 6 Pt.	22mm
49-23mm	1/2" Drive Metric Deep Impact Socket, 6 Pt.	23mm
49-24mm	1/2" Drive Metric Deep Impact Socket, 6 Pt.	24mm
49-27mm	1/2" Drive Metric Deep Impact Socket, 6 Pt.	27mm
49-29mm	1/2" Drive Metric Deep Impact Socket, 6 Pt.	29mm
49-30mm	1/2" Drive Metric Deep Impact Socket, 6 Pt.	30mm
49-32mm	1/2" Drive Metric Deep Impact Socket, 6 Pt.	32mm
49-34mm	1/2" Drive Metric Deep Impact Socket, 6 Pt.	34mm
49-35mm	1/2" Drive Metric Deep Impact Socket, 6 Pt.	35mm
49-36mm	1/2" Drive Metric Deep Impact Socket, 6 Pt.	36mm

DISPLAY BOARDS



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.



## Metric Impact Sockets

**D960 – 43 Pieces, 3/4" Drive 6 Pt. Standard & Deep Impact Sockets**

Part No.	Description	Size
62-14mm	3/4" Drive Metric Hex Bit Socket	14mm
62-17mm	3/4" Drive Metric Hex Bit Socket	17mm
62-19mm	3/4" Drive Metric Hex Bit Socket	19mm
62-22mm	3/4" Drive Metric Hex Bit Socket	22mm
62-24mm	3/4" Drive Metric Hex Bit Socket	24mm
68-17mm	3/4" Drive Metric Standard Impact Socket, 6 Pt.	17mm
68-19mm	3/4" Drive Metric Standard Impact Socket, 6 Pt.	19mm
68-20mm	3/4" Drive Metric Standard Impact Socket, 6 Pt.	20mm
68-21mm	3/4" Drive Metric Standard Impact Socket, 6 Pt.	21mm
68-22mm	3/4" Drive Metric Standard Impact Socket, 6 Pt.	22mm
68-23mm	3/4" Drive Metric Standard Impact Socket, 6 Pt.	23mm
68-24mm	3/4" Drive Metric Standard Impact Socket, 6 Pt.	24mm
68-26mm	3/4" Drive Metric Standard Impact Socket, 6 Pt.	26mm
68-27mm	3/4" Drive Metric Standard Impact Socket, 6 Pt.	27mm
68-28mm	3/4" Drive Metric Standard Impact Socket, 6 Pt.	28mm
68-29mm	3/4" Drive Metric Standard Impact Socket, 6 Pt.	29mm
68-30mm	3/4" Drive Metric Standard Impact Socket, 6 Pt.	30mm
68-32mm	3/4" Drive Metric Standard Impact Socket, 6 Pt.	32mm
68-33mm	3/4" Drive Metric Standard Impact Socket, 6 Pt.	33mm
68-34mm	3/4" Drive Metric Standard Impact Socket, 6 Pt.	34mm
68-35mm	3/4" Drive Metric Standard Impact Socket, 6 Pt.	35mm
68-36mm	3/4" Drive Metric Standard Impact Socket, 6 Pt.	36mm
68-38mm	3/4" Drive Metric Standard Impact Socket, 6 Pt.	38mm
68-41mm	3/4" Drive Metric Standard Impact Socket, 6 Pt.	41mm
68-42mm	3/4" Drive Metric Standard Impact Socket, 6 Pt.	42mm
68-43mm	3/4" Drive Metric Standard Impact Socket, 6 Pt.	43mm
68-46mm	3/4" Drive Metric Standard Impact Socket, 6 Pt.	46mm
68-50mm	3/4" Drive Metric Standard Impact Socket, 6 Pt.	50mm
69-19mm	3/4" Drive Metric Deep Impact Socket, 6 Pt.	19mm
69-21mm	3/4" Drive Metric Deep Impact Socket, 6 Pt.	21mm
69-22mm	3/4" Drive Metric Deep Impact Socket, 6 Pt.	22mm
69-23mm	3/4" Drive Metric Deep Impact Socket, 6 Pt.	23mm
69-24mm	3/4" Drive Metric Deep Impact Socket, 6 Pt.	24mm
69-26mm	3/4" Drive Metric Deep Impact Socket, 6 Pt.	26mm
69-27mm	3/4" Drive Metric Deep Impact Socket, 6 Pt.	27mm
69-30mm	3/4" Drive Metric Deep Impact Socket, 6 Pt.	30mm
69-32mm	3/4" Drive Metric Deep Impact Socket, 6 Pt.	32mm
69-33mm	3/4" Drive Metric Deep Impact Socket, 6 Pt.	33mm
69-35mm	3/4" Drive Metric Deep Impact Socket, 6 Pt.	35mm
69-36mm	3/4" Drive Metric Deep Impact Socket, 6 Pt.	36mm
69-38mm	3/4" Drive Metric Deep Impact Socket, 6 Pt.	38mm
69-41mm	3/4" Drive Metric Deep Impact Socket, 6 Pt.	41mm
69-43mm	3/4" Drive Metric Deep Impact Socket, 6 Pt.	43mm

**DISPLAY BOARDS**



Always use a Ret Ring® when working with impact products.

**Screwdrivers**

**D973 – 28 Pieces, Jumbo Three-Flute Ergonomic Handle**

Part No.	Description	Size	Part No.	Description	Size
9101	Phillips Screwdriver #2	1-1/2"	9122	Round Shank Screwdriver, 1/4"	1-1/2"
9103	Phillips Screwdriver #0	3"	9123	Round Shank Screwdriver, 1/4"	4"
9104	Phillips Screwdriver #1	3"	9124	Round Shank Screwdriver, 1/4"	6"
9105	Phillips Screwdriver #2	4"	9125	Round Shank Screwdriver, 5/16"	6"
9106	Phillips Screwdriver #3	6"	9126	Round Shank Screwdriver, 3/8"	8"
9107	Phillips Screwdriver #1	8"	9127	Round Shank Screwdriver, 3/8"	10"
9108	Phillips Screwdriver #2	8"	9128	Round Shank Screwdriver, 3/8"	12"
9109	Phillips Screwdriver #4	8"	9132	Square Shank Screwdriver, 1/4"	4"
9112	Cabinet Tip Screwdriver, 1/8"	3"	9133	Square Shank Screwdriver, 1/4"	6"
9113	Cabinet Tip Screwdriver, 1/8"	5"	9134	Square Shank Standard Tip, 3/8"	6"
9114	Cabinet Tip Screwdriver, 3/16"	3"	9135	Square Shank Standard Tip, 3/8"	8"
9115	Cabinet Tip Screwdriver, 3/16"	4"	9136	Square Shank Standard Tip, 3/8"	10"
9116	Cabinet Tip Screwdriver, 3/16"	6"	9137	Square Shank Standard Tip, 3/8"	12"
9117	Cabinet Tip Screwdriver, 3/16"	8"			
9118	Cabinet Tip Screwdriver, 1/4"	10"			



**Screwdrivers**

**D974 – 23 Pieces, Large Cushion Grip Handle**

Part No.	Description	Size
9141	Cushion Grip Phillips Screwdriver #2	Stubby
9143	Phillips Screwdriver #1	3"
9144	Phillips Screwdriver #2	4"
9145	Phillips Screwdriver #3	6"
9146	Phillips Screwdriver #4	8"
9151	Cushion Grip Round Shank Screwdriver 1/4"	1-1/2"
9152	Cushion Grip Round Shank Screwdriver 1/4"	4"
9153	Cushion Grip Round Shank Screwdriver 1/4"	6"
9154	Cushion Grip Round Shank Screwdriver 5/16"	6"
9155	Cushion Grip Round Shank Screwdriver 3/8"	8"
9156	Cushion Grip Round Shank Screwdriver 3/8"	10"
9157	Cushion Grip Round Shank Screwdriver 3/8"	12"
9162	Cushion Grip Cabinet Tip Screwdriver 3/16"	3"
9163	Cushion Grip Cabinet Tip Screwdriver 3/16"	4"
9164	Cushion Grip Cabinet Tip Screwdriver 3/16"	6"
9165	Cushion Grip Cabinet Tip Screwdriver 3/16"	8"
9166	Cushion Grip Cabinet Tip Screwdriver 1/4"	10"
9172	Cushion Grip Square Shank Screwdriver 1/4"	4"
9173	Cushion Grip Square Shank Screwdriver 1/4"	6"
9174	Cushion Grip Square Shank Screwdriver 5/16"	6"
9175	Cushion Grip Square Shank Screwdriver 3/8"	8"
9176	Cushion Grip Square Shank Screwdriver 3/8"	10"
9177	Cushion Grip Square Shank Screwdriver 3/8"	12"



DISPLAY BOARDS



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
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**WARNING**  
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## Hammers

### D962 – 10 Pieces, Hammers

Part No.	Description	Size
9021	Rubber Mallet, Fiberglass Handle	1 Lb.
9028	Brass Hammer, Fiberglass Handle	1.5 Lbs.
9029	Brass Hammer with Super Grip	2.5 Lbs.
9040	Ball Peen Hammer, Fiberglass Handle	8 Oz.
9041	Ball Peen Hammer, Fiberglass Handle	12 Oz.
9042	Ball Peen Hammer, Fiberglass Handle	16 Oz.
9043	Ball Peen Hammer, Fiberglass Handle	20 Oz.
9044	Ball Peen Hammer, Fiberglass Handle	24 Oz.
9045	Ball Peen Hammer, Fiberglass Handle	32 Oz.
9052	Small Drilling Hammer, Fiberglass Handle	3 Lbs.



## Hammers

### D963 – 7 Pieces, Hammers

Part No.	Description	Size
9023	Dead Blow Hammer with Super Grip	1 Lb.
9024	Dead Blow Hammer with Super Grip	2 Lbs.
9025	Dead Blow Hammer with Super Grip	3 Lbs.
9026	Dead Blow Hammer with Super Grip	4 Lbs.
9030	Soft Face Hammer, 1-1/4" Tip Dia.	12 Oz.
9031	Soft Face Hammer, 1-3/8" Tip Dia.	21 Oz.
9032	Soft Face Hammer, 1-3/4" Tip Dia.	32 Oz.



**Pliers**

**D969 – 10 Pieces, Channellock® Pliers**

Part No.	Description	Size
9C317	Long Nose Plier w/Side Cutter	7-1/2"
9C318	Long Nose Plier w/Side Cutter	8"
9C326	Long Nose Plier w/Side Cutter	6"
9C386	Curved Long Nose Plier w/Serrated Jaws	6"
9C420	Tongue & Groove Plier	9-1/2"
9C424	Tongue & Groove Plier	4-1/2"
9C426	Tongue & Groove Plier	6-1/2"
9C430	Tongue & Groove Plier	10"
9C440	Tongue & Groove Plier	12"
9C460	Tongue & Groove Plier	16"



**Pliers**

**D970 – 9 Pieces, Channellock® Pliers**

Part No.	Description	Size
9C337	Cutting Plier, Lap Joint	7"
9C347	Linesman Plier, Round Nose	7"
9C348	Linesman Plier, Round Nose	8"
9C350S	Ironworkers Plier	9"
9C357	Cutting Plier, Nipper	7"
9C436	Cutting Plier, Box Joint	6"
9C437	Cutting Plier, Lap Joint	7"
9C447	Cutting Plier, Curved Diagonal, Box Joint	7-3/4"
9C526	Slip Joint Plier, Wire Cutting Shear	6"



DISPLAY BOARDS



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## Vise Grip®

### D965 – 6 Pieces

Part No.	Description	Size
9V11R	Locking C-Clamp Plier	11"
9V11SP	Locking C-Clamp Plier w/Swivel Pads	11"
9V6R	Locking C-Clamp Plier	6"
9V6SP	Locking C-Clamp Plier w/Swivel Pads	6"
9V8R	Locking Sheet Metal Tool	8"
9V9R	Locking Welding Clamp Plier	9"



## Vise Grip®

### D966 – 11 Pieces

Part No.	Description	Size
9V10CR	Curved Jaw Locking Plier	10"
9V10R	Straight Jaw Locking Plier	10"
9V10WR	Locking Wrench Plier Vise Grip	10"
9V4LN	Long Nose w/Wire Cutter Locking Plier	4"
9V4WR	Curved Jaw w/Wire Cutter Locking Plier	4"
9V5WR	Curved Jaw w/Wire Cutter Locking Plier	5"
9V6LN	Long Nose w/Wire Cutter Locking Plier	6"
9V7CR	Curved Jaw Locking Plier	7"
9V7R	Straight Jaw Locking Plier	7"
9V7WR	Curved Jaw w/Wire Cutter Locking Plier	7"
9V9LN	Long Nose w/Wire Cutter Locking Plier	9"



## Midwest®/Hyde®

### D967 – 9 Pieces

Part No.	Description	Size
9488	Scraper, Flexible Blade	1-1/4"
9489	Scraper, Flexible Blade	3"
9491	Scraper, Stiff Blade	1-1/4"
9526	Top-Slide Utility Knife	
9P6716L	Aviation Snips, Cuts Left, Red	10"
9P6716R	Aviation Snips, Cuts Right, Green	10"
9P6716S	Aviation Snips, Cuts Straight, Yellow	10"
9P6510L	Offset Snips, Cuts Left	
9P6510R	Offset Snips, Cuts Right	



## Torx® Bits, Sockets & Hex Key Sets

**D968 – 31 Pieces**

Part No.	Description	Size
9250	1/4" Drive E-6 Torx® Socket	1-1/16" Long
9251	1/4" Drive E-7 Torx® Socket	1-1/16" Long
9252	1/4" Drive E-8 Torx® Socket	1-1/16" Long
9255	3/8" Drive E-10 Torx® Socket	1-1/4" Long
9256	3/8" Drive E-12 Torx® Socket	1-1/4" Long
9257	3/8" Drive E-14 Torx® Socket	1-1/4" Long
9258	3/8" Drive E-16 Torx® Socket	1-1/4" Long
9271	1/4" Drive T-8 Torx® Bit Hex	1-1/16" Long
9272	1/4" Drive T-10 Torx® Bit Hex	1-1/16" Long
9273	1/4" Drive T-15 Torx® Bit Hex	1-1/16" Long
9274	1/4" Drive T-20 Torx® Bit Hex	1-1/16" Long
9275	1/4" Drive T-25 Torx® Bit Hex	1-1/16" Long
9276	1/4" Drive T-27 Torx® Bit Hex	1-1/16" Long
9277	1/4" Drive T-30 Torx® Bit Hex	1-1/16" Long
9280	1/4" Drive Torx® Bit Holder	1" Long
9281	5/16" Drive 6mm Ribbe Torx® Bit	1-1/8" Long
9282	5/16" Drive T-30 Torx® Bit	1-1/8" Long
9283	5/16" Drive T-40 Torx® Bit	1-1/8" Long
9284	5/16" Drive T-45 Torx® Bit	1-1/8" Long
9285	5/16" Drive T-47 Torx® Bit	1-1/8" Long
9286	5/16" Drive T-50 Torx® Bit	1-1/8" Long
9287	1/2" Drive T-55 Torx® Bit Hex	1-1/8" Long
9288	1/2" Drive T-55 Torx® Hex Driver	1-1/8" Long
9290	3/8" Drive 5/16" Torx® Hex Bit Holder	1-1/4" Long
9291	1/2" Drive Torx® Bit Holder	1-1/2" Long
9292	3/8" Drive 7/16" Torx® Hex Bit Holder	1-1/2" Long
9295	Torx® Set - 8 Pieces	
9296	Torx® Set - 7 Pieces	
9297	Torx® Set - 7 Pieces	
9E10113	Hex Set, L-Key, Metric Short Arm - 9 Pieces	
9E69210	Hex Set, L-Key, Short Arm - 13 Pieces	



## C-Clamps

**D971 – 5 Pieces**

Part No.	Description
90402C	Deep Throat Forged Steel Body Clamps
90403C	Deep Throat Forged Steel Body Clamps
90404C	Deep Throat Forged Steel Body Clamps
90406C	Deep Throat Forged Steel Body Clamps
90408C	Deep Throat Forged Steel Body Clamps



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## Display Board Contents

### Header Must Be Ordered Separately

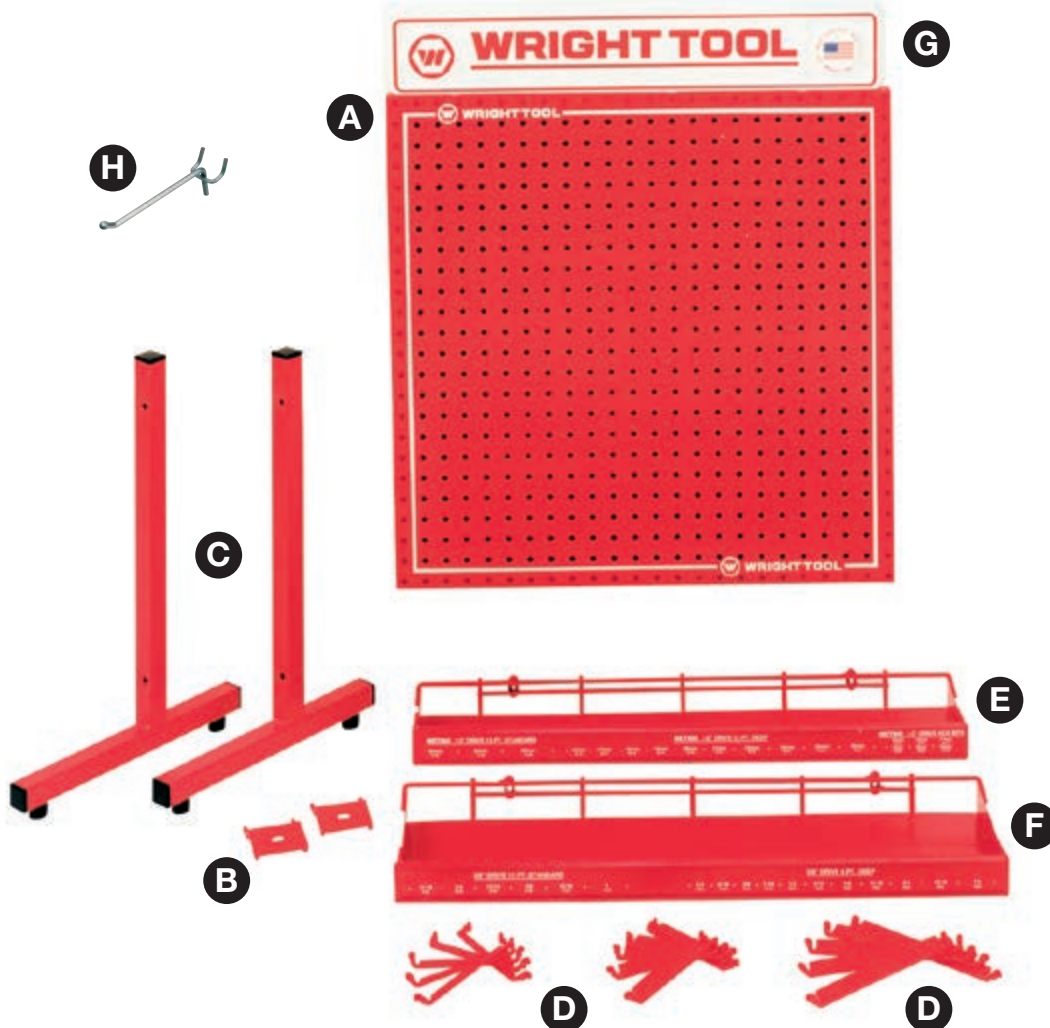
The socket portion of the Wright Tool selling displays are modular. The components listed below are available to customize your tool offering.

#### INCLUDES

<b>A</b>	<b>D938B</b>	Display board 24" x 24" peg board (1)	<b>E</b>	<b>D938TRAY4SH</b>	4" tray for 1/4" drive sockets, shown (1)
<b>B</b>	<b>D938Bracket</b>	Clips to attach trays to pegboard (1 pair)	<b>F</b>	<b>D938TRAY6ST</b>	6" tray for all drive size sockets (1)
<b>C</b>	<b>D938Leg</b>	Allow board to stand on counter or shelf (1 pair)	<b>G</b>	<b>D938HEADER</b>	24" x 5" header (1)
<b>D</b>	<b>D938FOUR</b> <b>D938SIX</b>	Socket divider for 4" tray (1) Socket divider for 6" tray (1)	<b>H</b>	<b>D971HOOK</b>	4-1/2" metal hook (pack of 10)

#### NOT SHOWN:

**D938TRAY4ST** 4" tray for all drive size sockets





## Conversion Chart Showing Millimeter Sizes, Fractional and Decimal Inch Sizes

Millimeter	Decimal Equivalent	Fractional	Millimeter	Decimal Equivalent	Fractional	Millimeter	Decimal Equivalent	Fractional	Millimeter	Decimal Equivalent	Fractional
.1	.0039		1.05	.0413		....	.0890		3.8	.1496	
.15	.0059		....	.0420		2.3	.0905		....	.1520	
.2	.0079		....	.0430		2.35	.0925		3.9	.1535	
.25	.0098		1.1	.0433		....	.0935		....	.1540	
.3	.0118		1.15	.0452		2.38	.0937	3/32"	3.97	.1562	5/32"
....	.0135		....	.0465		2.4	.0945		....	.1570	
.35	.0138		1.19	.0469	3/64"	....	.0960		4.0	.1575	
....	.0145		1.2	.0472		2.45	.0964		....	.1590	
.39	.0156	1/64"	1.25	.0492		....	.0980		....	.1610	
.4	.0157		1.3	.0512		2.5	.0984		4.1	.1614	
....	.0160		....	.0520		....	.0995		4.2	.1654	
.45	.0177		1.35	.0531		....	.1015		....	.1660	
....	.0180		....	.0550		2.6	.1024		4.25	.1673	
.5	.0197		1.4	.0551		....	.1040		4.3	.1693	
....	.0200		1.45	.0570		2.7	.1063		....	.1695	
....	.0210		1.5	.0591		....	.1065		4.37	.1719	11/64"
.55	.0217		....	.0595		2.75	.1082		....	.1730	
....	.0225		1.55	.0610		2.78	.1094	7/64"	4.4	.1732	
.6	.0236		1.59	0.625	1/16"	....	.1100		....	.1770	
....	.0240		1.6	.0629		2.8	.1102		4.5	.1771	
....	.0250		....	.0635		....	.1110		....	.1800	
.65	.0256		1.65	.0649		....	.1130		4.6	.1811	
....	.0260		1.7	.0669		2.9	.1141		....	.1820	
....	.0280		....	.0670		....	.1160		4.7	.1850	
.7	.0276		1.75	.0689		3.0	.1181		4.75	.1870	
....	.0292		....	.0700		....	.1200		4.76	.1875	3/16"
.75	.0295		1.8	.0709		3.1	.1220		4.8	.1890	
....	.0310		1.85	.0728		3.18	.1250	1/8"	....	.1910	
.79	.0312	1/32"	....	.0730		3.2	.1260		4.9	.1929	
.8	.0315		1.9	.0748		3.25	.1279		....	.1935	
....	.0320		....	.0760		....	.1285		....	.1960	
....	.0330		1.95	.0767		3.3	.1299		5.0	.1968	
.85	.0335		1.98	.0781	5/64"	3.4	.1338		....	.1990	
....	.0350		....	.0785		....	.1360		5.1	.2008	
.9	.0354		2.0	.0787		3.5	.1378		....	.2010	
....	.0360		2.05	.0807		....	.1405		5.16	.2031	13/64"
....	.0370		....	.0810		3.57	.1406	9/64"	....	.2040	
.95	.0374		....	.0820		3.6	.1417		5.2	.2047	
....	.0380		2.1	.0827		....	.1440		....	.2055	
....	.0390		2.15	.0846		3.7	.1457		5.25	.2067	
1.0	.0394		....	.0860		....	.1470		5.3	.2086	
....	.0400		2.2	.0866		3.75	.1476		....	.2090	
....	.0410		2.25	.0885		....	.1495		5.4	.2126	



**WARNING**  
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## Conversion Chart Showing Millimeter Sizes, Fractional and Decimal Inch Sizes

Millimeter	Decimal Equivalent	Fractional	Millimeter	Decimal Equivalent	Fractional	Millimeter	Decimal Equivalent	Fractional	Millimeter	Decimal Equivalent	Fractional
....	.2130		7.4	.2913		9.7	.3819		17.5	.6890	
5.5	.2165		....	.2950		9.75	.3838		17.86	.7031	45/64"
5.56	.2187	7/32"	7.5	.2953		9.8	.3858		18.0	.7087	
5.6	.2205		7.54	.2968	19/64"	....	.3860		18.26	.7187	23/32"
....	.2210		7.6	.2992		9.9	.3898		18.5	.7283	
5.7	.2244		....	.3020		9.92	.3906	25/64"	18.65	.7344	47/64"
5.75	.2263		7.7	.3031		10.0	.3937		19.0	.7480	
....	.2280		7.75	.3051		....	.3970		19.05	.7500	3/4"
5.8	.2283		7.8	.3071		....	.4040		19.45	.7656	49/64"
5.9	.2323		7.9	.3110		10.32	.4062	13/32"	19.5	.7677	
....	.2340		7.94	.3125	5/16"	....	.4130		19.84	.7812	25/32"
5.95	.2344	15/64"	8.0	.3150		10.5	.4134		20.0	.7874	
6.0	.2362		....	.3160		10.72	.4219	27/64"	20.24	.7969	51/64"
....	.2380		8.1	.3189		11.0	.4330		20.5	.8071	
6.1	.2401		8.2	.3228		11.11	.4375	7/16"	20.64	.8125	13/16"
....	.2420		....	.3230		11.5	.4528		21.0	.8268	
6.2	.2441		8.25	.3248		11.51	.4531	29/64"	21.03	.8281	53/64"
6.25	.2460		8.3	.3268		11.91	.4687	15/32"	21.43	.8437	27/32"
6.3	.2480		8.33	.3281	21/64"	12.0	.4724		21.5	.8465	
6.35	.2500	1/4"	8.4	.3307		12.30	.4843	31/64"	21.83	.8594	55/64"
6.4	.2520		....	.3320		12.5	.4921		22.0	.8661	
6.5	.2559		8.5	.3346		12.7	.5000	1/2"	22.23	.8750	7/8"
....	.2570		8.6	.3386		13.0	.5118		22.5	.8858	
6.6	.2598		....	.3390		13.10	.5156	33/64"	22.62	.8906	57/64"
....	.2570		8.7	.3425		13.49	.5312	17/32"	23.0	.9055	
6.6	.2598		8.73	.3437	11/32"	13.5	.5315		23.02	.9062	29/32"
....	.2610		8.75	.3445		13.89	.5469	35/64"	23.42	.9219	59/64"
6.7	.2638		8.8	.3465		14.0	.5512		23.5	.9252	
6.75	.2656	17/64"	....	.3480		14.29	.5625	9/16"	23.81	.9375	15/16"
6.75	.2657		8.9	.3504		14.5	.5709		24.0	.9449	
....	.2660		9.0	.3543		14.68	.5781	37/64"	24.21	.9531	61/64"
6.8	.2677		....	.3580		15.0	.5906		24.5	.9646	
6.9	.2716		9.1	.3583		15.08	.5937	19/32"	24.61	.9687	31/32"
....	.2720		9.13	.3594	23/64"	15.48	.6094	39/64"	25.0	.9843	
7.0	.2756		9.2	.3622		15.5	.6102		25.03	.9844	63/64"
....	.2770		9.25	.3641		15.88	.6250	5/8"	25.4	1.000	1"
7.1	.2795		9.3	.3661		16.0	.6299				
....	.2811		....	.3680		16.27	.6406	41/64			
7.14	.2812	9/32"	9.4	.3701		16.5	.6496				
7.2	.2835		9.5	.3740		16.67	.6562	21/32"			
7.25	.2854		9.53	.3750	3/8"	17.0	.6693				
7.3	.2874		....	.3770		17.07	.6719	43/64"			
....	.2900		9.6	.3780		17.46	.6875	11/16"			





## Nominal Opening Sizes of Wright Wrenches or Sockets in Inches to Fit Standard Bolt Heads, Nuts and Screw Heads

Locate thread diameter of bolt, nut or screw in extreme left or right column. Then move across to box which has proper identification of bolt, nut or screw at top of vertical column. The size in this particular box is the nominal opening size in inches of the Wright Tool wrenches and sockets that will fit.

Nuts					Bolts and Screws				
Thread Diameter of Nut	Finished Series And Finished Thick Nuts	Regular Series Hex And Square Nuts	Heavy Series Hex And Square Nuts	Machine Screw Nuts And Stove Bolt Nuts	Regular And Finished Series Hex And Square Head Bolts	Heavy Series Hex And Square Head Bolts	Lag Screws	Square Head Set Screws	Thread Diameter of Bolt or Screw
Use wrench or socket size shown below					Use wrench or socket size shown below				
#0 & 1				5/32"					#0 & 1
#2 & 3				3/16"					#2 & 3
#4				1/4"					#4
#5 & 6				5/16"					#5 & 6
#8				11/32"					#8
#10				3/8"			9/32"	3/16"	#10
#12				7/16"				7/32"	#12
1/4"	7/16"	7/16"	1/2"	7/16"	3/8"-7/16"		7/16"	1/4"	1/4"
5/16"	1/2"	9/16"	9/16"	9/16"	1/2"		1/2"	5/16"	5/16"
3/8"	9/16"	5/8"	11/16"	5/8"	9/16"		9/16"	3/8"	3/8"
7/16"	11/16"	3/4"	3/4"		5/8"		5/8"	7/16"	7/16"
1/2"	3/4"	13/16"	7/8"		3/4"	7/8"	3/4"	1/2"	1/2"
9/16"	7/8"	7/8"	15/16"		13/16"			9/16"	9/16"
5/8"	15/16"	1"	1-1/16"		15/16"	1-1/16"	15/16"	5/8"	5/8"
3/4"	1-1/8"	1-1/8"	1-1/4"		1-1/8"	1-1/4"	1-1/8"	3/4"	3/4"
7/8"	1-5/16"	1-5/16"	1-7/16"		1-5/16"	1-7/16"	1-5/16"	7/8"	7/8"
1"	1-1/2"	1-1/2"	1-5/8"		1-1/2"	1-5/8"	1-1/2"	1"	1"
1-1/8"	1-11/16"	1-11/16"	1-13/16"		1-11/16"	1-13/16"	1-11/16"	1-1/8"	1-1/8"
1-1/4"	1-7/8"	1-7/8"	2"		1-7/8"	2"	1-7/8"	1-1/4"	1-1/4"
1-3/8"	2-1/16"	2-1/16"	2-3/16"		2-1/16"	2-3/16"		1-3/8"	1-3/8"
1-1/2"	2-1/4"	2-1/4"	2-3/8"		2-1/4"	2-3/8"		1-1/2"	1-1/2"
1-5/8"	2-7/16"	2-7/16"	2-9/16"		2-7/16"	2-9/16"			1-5/8"
1-3/4"	2-5/8"	2-5/8"	2-3/4"		2-5/8"	2-3/4"			1-3/4"
1-7/8"	2-13/16"	2-13/16"	2-15/16"		2-13/16"	2-15/16"			1-7/8"
2"	3"	3"	3-1/8"		3"	3-1/8"			2"
2-1/4"	3-3/8"	3-3/8"	3-1/2"		3-3/8"	3-1/2"			2-1/4"
2-1/2"	3-3/4"	3-3/4"	3-7/8"		3-3/4"	3-7/8"			2-1/2"
2-3/4"	4-1/8"	4-1/8"	4-1/4"		4-1/8"	4-1/4"			2-3/4"
3"	4-1/2"	4-1/2"	4-5/8"		4-1/2"	4-5/8"			3"
3-1/4"			5"		4-7/8"				3-1/4"
3-1/2"			5-3/8"		5-1/4"				3-1/2"
3-3/4"			5-3/4"		5-5/8"				3-3/4"
4"			6-1/8"		6"				4"



**WARNING**  
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**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
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## Make Sure to Use the Right Drive

Wrench Size		Min. Opening	Best Drive	Wrench Size		Min. Opening	Best Drive	Wrench Size		Min. Opening	Best Drive	Wrench Size		Min. Opening	Best Drive	
inch	metric	mm	inches	inch	metric	mm	inches	inch	metric	mm	inches	inch	metric	mm	inches	
3/16	4mm	4.0	1/4	11/16	18mm	17.5		1-5/16	32mm	32.0	3/4	2-3/16	55mm	55.0		
		4.8	1/4			19mm	18.0				33mm		33.0	3/4		56mm
7/32	5mm	5.0	1/4	3/4	19mm	19.0		1-3/8	34mm	33.3	3/4	2-1/4	56mm	56.0		
		5.5	1/4				19.1						34mm	34.0	3/4	
1/4	6mm	6.0	1/4	25/32	20mm	19.8		1-7/16	35mm	34.9	3/4	2-5/16	58mm	58.0		
		6.3	1/4				20.0						35mm	35.0		
9/32	7mm	7.0	1/4	13/16	21mm	20.6	1/2	1-1/2	36mm	36.0		2-3/8	60mm	60.0		
		7.1	1/4				21.0		1/2				36mm	36.5		
5/16	8mm	7.9	1/4	7/8	22mm	22.0	1/2	1-9/16	38mm	38.0		2-7/16	61.9	61.9		
		8.0	1/4				22.2		1/2				38mm	38.1	1	
11/32	9mm	8.7	1/4	29/32	23mm	23.0	1/2	1-5/8	41mm	39.7	1	2-1/2	65mm	65.0		
		9.0	1/4				23.0		1/2				41mm	41.0	1	
3/8	9.5	9.5	1/4	15/16	24mm	23.8	1/2	1-11/16	42mm	41.3	1	2-5/8	66.7	66.7	1-1/2	
		10.0	1/4				24.0		1/2				42mm	42.0	1	
7/16	11mm	11.0	3/8	31/32	25mm	24.6	1/2	1-3/4	43mm	2-11/16	42.9	1	2-3/4	69.9	69.9	1-1/2
		11.1	3/8				25.0		1/2			43mm		43.0	1	
1/2	12mm	12.0	3/8	1	26mm	25.4	1/2	1-13/16	46mm	44.5	1	2-13/16	71.4	71.4	1-1/2	
		12.7	3/8				26.0						46mm	46.0	1	
9/16	13mm	13.0	3/8	1-1/16	27mm	27.0		1-7/8	47.6	46.0	1	2-15/16	74.6	74.6	1-1/2	
		14.0	3/8				27.0						47.6	47.6	1	
19/32	14mm	14.3		1-1/8	28mm	28.0		1-15/16	49.2	49.2	1	3	76.2	76.2	1-1/2	
		15.0					28.6		3/4				49.2	49.2	1	
5/8	15mm	15.1		1-3/16	29mm	29.0	3/4	2	50mm	50.0	1	3-1/8	80.0	80.0	1-1/2	
		15.9					29.0		3/4				50.0	50.8	1	
21/32	16mm	15.9		1-3/16	30mm	30.0	3/4	2-1/16	52mm	52.0		3-1/4	82.6	82.6	1-1/2	
		16.0					30.0		3/4				52mm	52.4		
	16mm	16.0		1-1/4	31mm	30.2	3/4	2-1/8	54mm	54.0		3-3/8	88.9	88.9	1-1/2	
		16.7					31.0		3/4				54mm	54.0		
	17mm	17.0				31.8	3/4									

Use this table to select the correct size wrench for any size fastener—inch or metric.

1. Measure the fastener head or nut with metric calipers.
2. Look down the MINIMUM OPENING column and find the first number larger than your reading.
3. Look to the left of that number to find the wrench size. (The vertical line between two sizes indicates that the range of an inch wrench overlaps that of a metric wrench. Either size can often be used.)

This table is to help you select the correct size wrench for any fastener, even if you do not know whether it is an inch or a metric fastener. The closer a wrench fits a fastener, the more torque can be transmitted without rounding the fastener corners or causing excessive wear to the wrench.

First, measure the fastener head or nut with calipers in millimeters. Then, look down the MINIMUM OPENING column to find the first number larger than your reading. For example, if you read 15.1, look down the table until you come to the value 15.9; then look across the table to 5/8". The vertical line between two sizes indicates that the range of an inch wrench overlaps that of a metric wrench. Either size can often be used.

However, the table can also be used to find the best possible fit. A 16mm wrench could be used, but 5/8" provides a better fit in this example. If you read 31.8, you may either use the table or recognize that this is very close to, but slightly smaller than 32mm. Therefore, you can safely use a 32mm wrench without referring to the table.

Another way to use the table without measuring is to simply choose a wrench and try it. If the wrench is "sloppy loose," choose a smaller wrench. Use the table to find the next size wrench, either inch or metric. If the wrench doesn't fit, then you need to select a larger wrench. Again, use the table to see which is the next larger wrench in either the inch or metric size.

Sometimes, a fastener is damaged or worn, so you might need to use a slightly different size wrench. You can always use the table to come as close as possible to the best fit. Always feel how much play there is to see that you have made the correct choice. If it doesn't feel right, it isn't right.

Remember that all wrenches wear when they are used, even when they are used carefully. Once a wrench is worn oversize, it should be discarded because its use would be the same as putting the wrong size wrench on a fastener.

The best drive size is indicated in the column headed BEST DRIVE. The drive indicated here provides an appropriately high level of strength in the handle. If you use a smaller drive than what is recommended here, you may not have a strong enough tool for high-strength applications. If you are using soft fasteners, a smaller drive will work satisfactorily. If no drive is listed, use your judgement for the job. Extremely high torque may require an even larger drive size than indicated.



## Ret-Ring Interchange

A Groove Diameter Socket Size	B For Use On Square Drive	Number On Ring	Wright	FTL	Armstrong	ATP	CP	Proto	IR	Williams
1-1/4"	3/4"	10005S	6580	FTL10005S	–	ATP10005S	C155467	–	IR10005S	–
1-7/16"	3/4"	10032S	6581	FTL10032S	21-964	ATP10032S	C155468	07500-0	IR10032S	6-1X
1-5/8"	3/4"	10034S	6582	FTL10034S	21-965	ATP10034S	C134690	07500-1	IR10034S	6-2X
1-3/4"	3/4"	18708S	6582A	FTL18708S	–	ATP18708S	C134691	–	–	–
2"	3/4"	18710S	6582C	FTL18710S	–	ATP18710S	C155585	–	–	–
2-1/8"	3/4"	18715S	6582B	FTL18715S	–	ATP18715S	C155489	–	–	–
2-1/4"	3/4"	18716S	6582D	FTL18716S	–	ATP18716S	C155586	–	–	–
1-3/4"	1"	10008S	6583	FTL10008S	21-967	ATP10008S	C155470	10000-3	IR10008S	7-1X
2"	1"	10010S	6581A	FTL10010S	22-964	ATP10010S	C155471	10000-1	IR10010S	7-2X
2-1/8"	1"	10015S	6584	FTL10015S	22-965	ATP10015S	C155472	10000-2	IR10015S	7-3X
2-1/4"	1"	10016S	6585	FTL10016S	–	ATP10016S	C134692	10000-4	–	–
2-1/2"	1"	10019S	6586	FTL10017S	–	ATP10017S	C155473	12500-1	IR10017S	7-4X
2-5/8"	1"	18020S	6587	FTL10019S	–	ATP10019S	C155474	–	IR10019S	7-5X
2-7/8"	1-1/2"	10020S	84575	FTL10020S	23-964	ATP10020S	C134693	15000-1	IR10020S	8-1X
3-3/8"	1-1/2"	10025S	84576	FTL10025S	–	ATP10025S	C134694	15000-2	IR10025S	8-2X
3-7/8"	1-1/2"	10030S	84577	FTL10030S	–	ATP10030S	C134695	15000-3	IR10030S	8-3X
4-3/8"	1-1/2"	10035S	84578	FTL10035S	–	ATP10035S	C134696	15000-4	IR10035S	8-4X



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22	49	332	133	618	193	1050	83	1214	76
23	49	333	133	623	192	1052	83	1216	76
45	49	334	121	624	194	1060	85, 142	1218	76
89	50	335	121	625	193	1062	85, 142	1220	76
97	49	337	120	631	192	1064	85, 142	1222	76
98	49	338	121	650	194	1066	85, 142	1224	76
101	13, 323	339	119	655	197	1068	85, 142	1226	76
102	13, 323	340	120	660	197	1070	85, 142	1228	76
105	14, 325	346	119	700	127	1072	85, 142	1230	76
107	14, 325	348	118	701	127	1074	85, 142	1232	76
112	15, 328	349	129	702	127	1080	86, 177	1234	76
113	15, 328	351	134	703	164	1081	86, 177	1236	76
121	16, 330	352	135	705	56	1082	86, 177	1238	76
122	16, 330	353	130	707	56	1083	86, 177	1240	76
125	17, 332	354	130	711	56	1084	86, 177	1308	79
126	17, 332	355	130	714	57	1085	86, 177	1310	79
130	18, 334	356	133	715	57	1086	86, 177	1312	79
131	18, 334	357	134	720	61	1087	86, 177	1314	79
135	19, 336	358	135	721	61	1088	86, 177	1316	79
136	19, 336	359	135	726	58	1089	86, 177	1318	79
140	20, 337	360	131	730	58	1090	86, 177	1320	79
141	20, 337	361	131	732	66	1091	86, 177	1322	79
150	21, 338	362	132	733	67	1092	86, 177	1324	79
152	21, 338	363	134	734	67	1093	86, 177	1325	79
160	22, 339	364	128	735	64	1094	86, 177	1326	79
161	22, 339	366	129	736	65	1108	74	1328	79
165	23, 340	367	129	738	65	1110	74	1329	79
166	23, 340	377	128	739	65	1112	74	1330	79
170	24, 341	378	124	740	66	1114	74	1331	79
171	24, 341	379	124	741	66	1116	74	1332	79
180	25, 342	402	162	742	69	1118	74	1336	79
181	25, 342	403	168	743	69	1120	74	1340	79
185	26, 343	405	163	744	69	1122	74	1341	79
186	26, 343	406	164	745	70	1124	74	1342	79
189	27, 344	407	168	747	70	1126	74	1346	79
190	28, 345	408	167	749	70	1128	74	1352	79
191	28, 345	409	162	750	59	1130	74	1361	81
194	29, 347	410	162	751	59	1132	74	1362	81
195	29, 347	411	167	752	60	1134	74	1364	81
199	30, 348	412	168	758	60	1136	74	1366	81
200	104	414	163	760	61	1138	74	1368	81
205	107	415	167	787	67	1140	74	1370	81
207	107	416	161	788	68	1142	74	1372	81
208	105	417	160	798	68	1144	74	1374	81
209	105	418	160	799	68	1146	74	1376	81
210	105	419	161	821	214	1148	74	1378	81
212	103	422	160	829	214	1150	74	1380	81
218	103	423	159	905	62	1152	74	1382	81
221	106	424	158	907	62	1154	74	1383	81
223	103	425	159	911	62	1156	74	1384	81
224	106	427	158	914	63	1158	74	1385	81
236	104	450	161	915	63	1160	74	1386	81
237	50	453	166	950	63	1164	74	1388	81
256	106	454	166	952	64	1166	74	1389	81
257	107	455	170	958	64	1168	74	1390	81
299	50	460	169	1012	85, 141	1170	74	1392	81
300	124	461	170	1014	85, 141	1172	74	1393	81
304	123	466	169	1016	85, 141	1176	74	1394	81
305	125	467	169	1018	85, 141	1180	74	1395	81
306	126	469	165	1020	85, 141	1182	74	1396	81
308	126	472	165	1022	85, 141	1184	74	1398	81
311	125	473	165	1024	85, 141	1188	74	1424	86
312	123	603	195	1026	85, 141	1190	78	1426	86
313	131	604	195	1028	85, 141	1192	78	1428	86
314	132	606	196	1032	85, 141	1194	78	1430	86
316	125	607	197	1040	83	1196	78	1432	86
327	122	608	196	1042	83	1198	78	1434	86
328	123	609	195	1044	83	1208	76	1436	86





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1442	86	1856	93	2112	113	3010	143	3433	137
1444	86	1858	93	2114	113	3012	143	3434	137, 173
1446	86	1860	93	2116	113	3014	143	3435	138
1448	86	1864	93	2118	113	3016	143	3438	138
1450	86	1866	93	2202	114	3018	143	3439	138
1452	86	1868	93	2203	114	3020	143	3440	137
1456	86	1870	93	2204	114	3022	143	3443	139
1458	86	1872	93	2205	114	3024	143	3447	240
1460	86	1874	93	2206	114	3026	143	3452	140
1462	86	1876	93	2207	114	3028	143	3454	140
1464	86	1880	93	2208	114	3030	143	3470	241
1468	86	1882	93	2210	114	3032	143	3471	241
1472	86	1884	93	2212	114	3108	146	3472	241
1614	83	1886	93	2214	114	3110	146	3473	241
1618	83	1888	93	2218	114	3112	146	3474	244
1622	83	1889	93	2260	114	3114	146	3475	141
1628	83	1890	93	2261	114	3116	146	3477	240
1640	72	1891	93	2263	114	3118	146	3478	240
1642	84	1892	93	2265	115	3120	146	3479	240
1644	84	1894	93	2266	115	3122	146	3480	137
1646	84	1895	93	2267	115	3124	146	3481	137
1648	84	1896	93	2308	112	3126	146	3482	137
1650	84	1897	93	2310	112	3128	146	3483	137
1652	84	1900	92	2312	112	3130	146	3490	137
1654	84	1901	92	2401	108	3132	146	3491	137
1656	84	1932	95	2402	109	3204	153	3508	144
1658	84	1934	95	2404	109	3205	153	3510	144
1660	84	1936	95	2406	109	3206	153	3512	144
1662	84	1938	95	2413	110	3207	153	3514	144
1726	90	1940	95	2426	108	3208	153	3516	144
1728	90	1942	95	2435	109	3210	153	3518	144
1730	90	1946	95	2441	109	3212	153	3520	144
1732	90	1948	95	2442	109	3260	155	3522	144
1734	90	1952	95	2453	110	3261	155	3524	144
1736	90	1954	95	2462	246	3262	155	3526	144
1740	90	1956	95	2463	246	3265	155	3528	144
1742	90	1958	95	2464	246	3266	155	3530	144
1746	90	1960	95	2470	241	3267	155	3532	144
1748	90	1962	95	2471	241	3268	155	3588	145
1752	90	1964	95	2473	244	3308	145	3590	145
1756	91	1966	95	2475	110	3310	145	3596	145
1758	91	1968	95	2477	240	3312	145	3612	147
1760	91	1970	95	2492	108	3314	145	3614	147
1762	91	1972	95	2493	108	3316	145	3616	147
1764	91	1974	95	2495	108	3318	145	3618	147
1766	91	1976	95	2506	111	3320	145	3620	147
1770	91	1980	95	2507	111	3322	145	3622	147
1772	91	1982	95	2508	111	3324	145	3624	147
1776	91	1984	95	2509	111	3326	145	3626	147
1778	91	1988	95	2510	111	3328	145	3628	147
1782	91	1989	95	2511	111	3400	137	3630	147
1784	91	1992	95	2512	111	3402	139	3632	147
1788	91	1996	95	2514	111	3403	139	3712	147
1790	91	1997	95	2516	111	3405	139	3714	147
1794	91	2005	111	2606	113	3408	139	3716	147
1795	91	2006	111	2607	113	3409	139	3718	147
1796	91	2007	111	2608	113	3410	139	3720	147
1797	91	2008	111	2609	113	3411	139	3722	147
1798	91	2009	111	2610	113	3412	139	3724	147
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1834	93	2011	111	2612	113	3422	139	3810	150
1836	93	2012	111	2614	113	3424	139	3812	150
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1840	93	2016	111	2618	113	3426	137	3816	150
1842	93	2106	113	2708	113	3427	137	3818	150
1844	93	2107	113	2710	113	3428	137	3820	150
1846	93	2108	113	2712	113	3429	137	3822	150
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3903	142	4316	179	4596	179	4896	186	5878	236
3906	142	4318	179	4598	179	4898	186	5880	236
3908	142	4320	179	4612	182	4900	177	5882	236
3910	150	4322	179	4614	182	4902	177	5884	236
3912	150	4324	179	4616	182	4903	177	5888	236
3914	150	4326	179	4618	182	4905	177	5894	236
3916	150	4328	179	4620	182	4909	177	5896	236
3918	150	4330	179	4622	182	4910	177	5897	236
3920	150	4332	179	4624	182	4912	187	5901	235
3922	150	4334	179	4626	182	4914	187	5934	236
3924	150	4336	179	4628	182	4916	187	5936	236
3952	152	4340	179	4630	182	4918	187	5938	236
3954	152	4400	173	4632	182	4920	187	5940	236
3956	152	4401	173	4634	182	4922	187	5942	236
3958	152	4402	175	4636	182	4924	187	5946	236
3960	152	4405	175	4638	182	4926	187	5948	236
3962	152	4409	175	4640	182	4928	187	5993	236
3964	152	4410	175	4642	182	4930	187	5995	236
4012	178	4413	176	4644	182	4932	187	6124	202
4014	178	4420	175	4646	182	4934	187	6126	202
4016	178	4422	177	4648	182	4936	187	6128	202
4018	178	4425	173	4772	185	4938	187	6130	202
4020	178	4426	173	4774	185	4940	187	6132	202
4022	178	4427	173	4776	185	4942	187	6134	202
4024	178	4428	91, 173	4778	185	4944	187	6136	202
4026	178	4430	173	4780	185	4946	187	6138	202
4028	173, 178	4432	173	4782	185	4948	187	6140	202
4030	178	4433	173	4784	185	4964	187	6142	202
4032	178	4434	174	4786	185	4966	187	6144	202
4034	178	4435	174	4788	185	4968	187	6146	202
4036	178	4437	174	4790	185	4970	187	6148	202
4038	178	4438	174	4792	185	4972	187	6150	202
4040	178	4439	174	4794	185	4974	187	6152	202
4042	178	4443	175	4796	185	4976	187	6154	202
4044	178	4445	175	4800	177	4978	187	6156	202
4046	178	4453	176	4812	185	4980	187	6158	202
4048	178	4470	241	4814	185	4982	187	6160	202
4112	180	4471	241	4816	185	4984	187	6164	202
4114	180	4474	244	4818	185	4986	187	6166	202
4116	180	4475	176	4820	185	4988	187	6168	202
4118	180	4476	240	4822	185	4992	187	6170	202
4119	180	4477	240	4824	185	4994	187	6172	202
4120	180	4478	240	4826	185	4996	187	6176	202
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4124	180	4481	173	4832	185	5828	236	6224	212
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4126	180	4488	173	4836	185	5832	236	6232	212
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4144	180	4526	178	4872	186	5854	236	6450	199
4146	180	4528	178	4874	186	5856	236	6470	241
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6532	202	6924	209	8232	225	8870	219	9022	291
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6536	202	6928	209	8400	215	8874	219	9024	291
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6552	202	6942	209	8441	216	8888	219	9032	291
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9E10509	266	9M428	301	9V10R	287	D981	353		
9E10515	265	9M45044	319	9V10WR	287	D982	357		
9E10609	266	9M472	302	9V11R	288	D983	359		
9E13213	272	9M481	301	9V11SP	288	D984	360		
9E13609	273	9M482	301	9V18R	288	D985	368		
9E20511	268	9M483	301	9V18SP	288	D986	369		
9E20811	268	9M484	301	9V20R	288	D987	352		
9E20911	268	9M60000	314	9V24R	288	S1198RACK	52		
9E21151	267	9M60001	314	9V24SP	288	S1202RACK	52		
9E21171	267	9M60140	301	9V4LN	287	S1203RACK	52		
9E25172	269	9M60144	301	9V4LW	287	S1507RACK	52		
9E25581	269	9M60146	301	9V4SP	288	S1512RACK	52		
9E25611	269	9M61355	301	9V4WR	287	W008	51		
9E25911	270	9M61360	296	9V5WR	287	W010	51		
9E25912	270	9M62065	295	9V6LN	287	W013	51		
9E33198	272	9M705	302	9V6R	288	W2	51		
9E35195	272	9M710	302	9V6SP	288	W3	51		
9E60609	270	9M715	302	9V7LW	287	W316	49		
9E60614	271	9M717	302	9V7R	287	W4	51		
9E60811	273	9M720	304	9V7WR	287	W408	49		
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9E64611	271	9M740	302	9V9LN	287	W411	49		
9E64808	273	9M745	302	9V9R	288	W416	49		



**WARNING**  
Wear safety goggles user and bystander.



**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
Comfort or plastic grips do not protect against electric shock.



### TOOL STORAGE UNIT (boxes, chests, cabinets)

- Users and bystanders must wear safety goggles.
- To avoid possible eye injury from flying objects, safety goggles or equivalent protection conforming to ANSI Z87.1 shall be worn and kept clean by the user and all persons in the immediate area where any tool is being used.
- Do not stand or climb on drawers.
- Do not open more than one drawer at a time.
- Never pull your tool storage unit. Always push so you can see the direction you are traveling and avoid obstacles. Move tool storage units in a controlled manner on smooth, level surfaces.
- Never use a tool storage unit for an anvil, workbench, ladder, or similar purpose.
- Do not stand on tool boxes, tool chests or tool cabinets.
- Do not overload drawers.
- Do not move a tool storage unit without locking or securing all drawers or lids.
- Never leave tools unattended on top of a tool storage unit.
- Make sure that wheels on tool storage units turn freely.
- Set the brakes on locking casters when the storage unit is at the work area.

### WRENCHES

- Users and bystanders must wear safety goggles.
- To avoid possible eye injury from flying objects, safety goggles or equivalent protection conforming to ANSI Z87.1 shall be worn and kept clean by the user and all persons in the immediate area where any tool is being used.
- Comfort or plastic grips on handles are not intended to give any degree of protection against electric shock and shall not be used on or near live electric circuits.
- Wrenches are to be used by hand only. Do not use cheater bars or any other means of increasing leverage. The only wrenches that can be struck with a hammer are striking wrenches.
- Never use wrenches for prying or as a hammer.
- Never expose any wrench to excessive heat, which may change the hardness or microstructure and ruin the tool.
- Wrenches are to be used to turn (tighten and loosen) fasteners.
- Users shall apply a controlled force with a stance adjusted and braced to prevent rapid bodily movement or a fall if sudden release occurs.
- Use the correct size wrench, do not use metric wrenches on inch fasteners or inch wrenches on metric fasteners, because the fit is not good enough.
- Always be sure to fully seat an open-end wrench on the nut or bolt.
- Adjustable wrenches need to be tightly adjusted to fit the nut with the force applied to the fixed jaw. Never use adjustable wrenches for the initial breaking loose of a "frozen" fastener or for final tightening.

- Pipe wrenches are designed to turn or hold pipe; never use a pipe wrench to bend, raise or lift a pipe. Do not use pipe wrenches on square stock.
- Inspect each pipe wrench or adjustable wrench before use for worn or broken teeth, thumbscrews or jaws and discard if deteriorated.
- Inspect and discard bent, worn or cracked wrenches.
- Wrench opening configurations shall be inspected before each use and their use discontinued at the first sign of significant wrenching surface deterioration.
- Wrenches shall not be used when jaws are sprung to the point slippage may occur.

### STRIKING WRENCHES

- Users and bystanders must wear safety goggles.
- To avoid possible eye injury from flying objects, safety goggles or equivalent protection conforming to ANSI Z87.1 shall be worn and kept clean by the user and all persons in the immediate area where any tool is being used.
- Striking wrenches are special-purpose tools designed and intended only for use with heavy-duty fasteners where shock or impact is needed to fully tighten or loosen.
- A striking tool shall always be used with the striking face parallel to the struck face of the wrench. Glancing blows, overstrikes and understrikes need to be avoided. No surface of the wrench other than the struck face shall be struck. The striking tool of the appropriate size shall have a striking face diameter not less than 3/8" larger than the struck face of the wrench.
- Users shall apply a controlled force with a stance adjusted and braced to prevent rapid bodily movement or a fall if sudden release occurs.
- Striking wrenches shall not be used with "cheater" pipes or other means to extend the length of the tool.
- Striking wrenches shall be inspected prior to each use and their use discontinued at the first sign of bending of the shank or chipping or cracking of the box end or struck block. Deformation of the wrenching configuration may occur from tool usage.
- Striking wrenches shall be inspected prior to each use and their use discontinued at the first sign of significant wrenching surface deterioration.
- At the first indication of mushrooming, the struck face and struck face chamfer of the striking wrench shall be redressed to its original contour by the use of a hand file or whetstone.
- Except the struck face, no area, section, or portion of the striking wrench shall be ground, welded, treated by reheating, or otherwise altered from the original condition as furnished by the manufacturer.
- Care shall be exercised to prevent the wrench from dislodging from the fastener or nut while being impacted.



### HAND SOCKETS, HANDLES & ATTACHMENTS

- Users and bystanders must wear safety goggles.
- To avoid possible eye injury from flying objects, safety goggles or equivalent protection conforming to ANSI Z87.1 shall be worn and kept clean by the user and all persons in the immediate area where any tool is being used.
- Comfort or plastic grips on handles are not intended to give any degree of protection against electric shock and shall not be used on or near live electric circuits.
- Never use hand sockets or hand attachments on power drivers, impact drivers or hydraulic drivers. Black industrial sockets, Torx<sup>®</sup> sockets and Torx<sup>®</sup> bit sockets are designed and finished to be hand sockets – not impact.
- Never use cheater bars to increase handle leverage.
- Never hammer on a ratchet or handle.
- Never use ratchets or other handles as a hammer or pry bar.
- Hand sockets are to be attached to ratchets and handles and used by hand to turn fasteners.
- Users shall apply a controlled force with a stance adjusted and braced to prevent rapid bodily movement or a fall if sudden release occurs.
- Use the correct size socket, do not use metric sockets on inch fasteners or inch sockets on metric fasteners, because the fit is not good enough. Do not use hex sockets on square fasteners or square sockets on hex fasteners.
- Place the socket all the way on the fastener.
- Adaptor strength is limited to the smallest drive square member.
- Never use sockets as a driver for hex or square bits or shafts.
- Inspect and discard bent, worn or cracked sockets, handles or attachments.
- Socket opening configurations shall be inspected before each use and their use discontinued at the first sign of significant wrenching surface deterioration.

### IMPACT SOCKETS

- Users and bystanders must wear safety goggles.
- To avoid possible eye injury from flying objects, safety goggles or equivalent protection conforming to ANSI Z87.1 shall be worn and kept clean by the user and all persons in the immediate area where any tool is being used.
- Do not hold impact sockets, universal joints or extensions while an impact tool is running. Serious hand injury can occur.
- 3/4" drive and larger drive size impact sockets require the use of a ret ring or a Pin & O-ring to secure the socket to the driving square.
- Never use a nail or homemade pin for holding a socket in place.
- Never exceed the manufacturer's gun pressure rating.
- Impact sockets are to be used to turn (tighten or loosen) fasteners while being driven by a power, impact or hydraulic driver.

- Never dwell on a socket after it has stopped running. This can damage both the socket and the fastener.
- Place the socket all the way on the fastener before starting the gun.
- Adaptor strength is limited to the smallest drive square member.
- Mind the joints between the gun and fasteners for less loss of torque and less wear.
- Use the correct size socket, do not use metric sockets on inch fasteners or inch sockets on metric fasteners, because the fit is not good enough. Do not use hex sockets on square fasteners or square sockets on hex fasteners.
- Never use sockets as a driver for hex or square bits or shafts.
- Large drive impact sockets are inherently heavy and care needs to be taken during handling.
- Socket opening configurations shall be inspected before each use and their use discontinued at the first sign of significant wrenching surface deterioration.
- Inspect and discard worn or cracked sockets.

### TORQUE WRENCHES

- Users and bystanders must wear safety goggles.
- To avoid possible eye injury from flying objects, safety goggles or equivalent protection conforming to ANSI Z87.1 shall be worn and kept clean by the user and all persons in the immediate area where any tool is being used.
- Comfort or plastic grips on handles are not intended to give any degree of protection against electric shock and shall not be used on or near live electric circuits.
- Torque wrenches are a precision instrument. Read the instruction manual completely before using any torque wrench and learn the proper method to operate, maintain and store torque wrenches.
- Torque wrenches are to be used to tighten fasteners only. Do not use torque wrenches to loosen or remove fasteners.
- Users shall apply a controlled force with a stance adjusted and braced to prevent rapid bodily movement or a fall if sudden release occurs.
- Always pull, do not push to apply torque.
- Do not use torque wrenches with sockets or fasteners showing wear or cracks.
- Keep torque wrenches clean. The ratchet mechanism may slip or break if dirty, mismatched or worn parts are used.
- Make sure the direction lever is fully engaged.
- Take care to never overload a torque wrench past its maximum torque capacity.
- Torque wrenches are to be used by hand only. Do not use cheater bars or any other means of increasing leverage.
- Use the appropriate drive size. Select the torque wrench drive that is in the mid-range of the desired torque.



**WARNING**  
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**WARNING**  
Before using tools, read safety information on pages 399-403.



**WARNING**  
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- Never expose any torque wrench to excessive heat, which may change the hardness or microstructure and ruin the tool.
- Never use torque wrenches for prying or as a hammer.
- Send torque wrenches to a qualified lab for calibration at least once a year or every 5,000 cycles, whichever comes first.
- Inspect and discard bent, worn or damaged torque wrenches.

#### TORQUE MULTIPLIERS

- Users and bystanders must wear safety goggles.
- To avoid possible eye injury from flying objects, safety goggles or equivalent protection conforming to ANSI Z87.1 shall be worn and kept clean by the user and all persons in the immediate area where any tool is being used.
- A torque multiplier generates an output torque much greater than the input torque. Do not use a torque multiplier without reading and learning the safety and operating instructions that are provided with each torque multiplier.
- Users must wear hard hats, gloves and steel toed boots.
- Users shall apply a controlled force with a stance adjusted and braced to prevent rapid bodily movement or a fall if sudden release occurs.
- Only use impact sockets with torque multipliers and secure to the output square with a retaining pin & O-ring. Never use hand sockets or any attachments (including adaptors) with torque multipliers.
- Before each use, inspect and replace any torque multiplier output squares showing signs of wear or cracks.
- Before each use, inspect and tighten the torque multiplier holding screws.
- Before each use, inspect and replace any impact sockets or fasteners showing signs of wear or cracks.
- Do not use impact guns with torque multipliers.
- Do not use breaker bars with torque multipliers.

#### SCREWDRIVERS AND NUTDRIVERS

- Users and bystanders must wear safety goggles.
- To avoid possible eye injury from flying objects, safety goggles or equivalent protection conforming to ANSI Z87.1 shall be worn and kept clean by the user and all persons in the immediate area where any tool is being used.
- Comfort or plastic grips on handles are not intended to give any degree of protection against electric shock and screwdrivers and nutdrivers shall not be used on or near live electric circuits.
- Users shall apply a controlled force with a stance adjusted and braced to prevent rapid bodily movement or a fall if sudden release occurs. Minimize pressure. Screws are driven by torque (turning power), not pressure.
- Match the type of screwdriver to the head of the screw and select the appropriate size screwdriver to do the job.

- Never sharpen or alter a screwdriver to change the fit.
- Use the correct size nutdriver to fit the fastener. Do not use inch nutdrivers on metric fasteners or metric nutdrivers on inch fasteners because the fit is not good enough.
- Never use a screwdriver or nutdriver for prying, punching, chiseling, scoring or scraping.
- Never hammer on screwdrivers or nutdrivers and never use a screwdriver or a nutdriver as a hammer.
- Never use cheater bars to increase handle leverage.
- Never expose any screwdriver or nutdriver to excessive heat, which may change the hardness or microstructure and ruin the tool.
- Never use pliers on the handle of a screwdriver or nutdriver to get extra turning power. A wrench can be used on the square shank or bolster of screwdrivers designed for that purpose.
- Keep handles clean for a secure grip.
- Inspect and discard bent, worn, cracked, or damaged screwdrivers or nutdrivers. Do not grind or attempt to repair screwdrivers.

#### HEX KEYS

- Users and bystanders must wear safety goggles.
- To avoid possible eye injury from flying objects, safety goggles or equivalent protection conforming to ANSI Z87.1 shall be worn and kept clean by the user and all persons in the immediate area where any tool is being used.
- Comfort or plastic grips on handles are not intended to give any degree of protection against electric shock and shall not be used on or near live electric circuits.
- Users shall apply a controlled force with a stance adjusted and braced to prevent rapid bodily movement or a fall if sudden release occurs.
- Never hammer on a hex key.
- Never use a pipe or cheater bar on the handle or key end.
- Do not repair hex key wrenches.
- Inspect and discard bent, deformed or cracked hex key tools.

#### PLIERS

- Users and bystanders must wear safety goggles.
- To avoid possible eye injury from flying objects, safety goggles or equivalent protection conforming to ANSI Z87.1 shall be worn and kept clean by the user and all persons in the immediate area where any tool is being used.
- Comfort or plastic grips on handles are not intended to give any degree of protection against electric shock and pliers shall not be used on or near live electric circuits.
- Users shall apply a controlled force with a stance adjusted and braced to prevent rapid bodily movement or a fall if sudden release occurs.
- Choose the right plier for the job.



- Pliers shall not be used for cutting hardened wire unless specifically designed for this purpose.
- When cutting wire, always cut at right angles. Never rock from side to side or bend the wire back and forth against the cutting edges.
- Don't bend stiff wire with light pliers. Select the proper size plier.
- Pliers shall not be used on nuts or bolts. A wrench will do the job better and with less risk of damage to the fastener.
- Oil pliers occasionally at the joint only. Take care to keep the handles clean for a secure grip.
- Never use a plier for prying, punching, chiseling, scoring or scraping.
- Never hammer on pliers and never use a plier as a hammer.
- Never use cheater bars to increase leverage.
- Never expose any plier to excessive heat, which may change the hardness or microstructure and ruin the tool.
- Never use pliers on the handle of a screwdriver or nutdriver to get extra turning power.
- Inspect and discard bent, worn, cracked or damaged pliers. Do not grind or attempt to repair pliers.

#### SHEARS & SNIPS

- Users and bystanders must wear safety goggles.
- To avoid possible eye injury from flying objects, safety goggles or equivalent protection conforming to ANSI Z87.1 shall be worn and kept clean by the user and all persons in the immediate area where any tool is being used.
- Comfort or plastic grips on handles are not intended to give any degree of protection against electric shock and shall not be used on or near live electric circuits.
- Follow the manufacturer's instructions for use, capacity, and proper care of the snip.
- Be careful of the sharp cutting edges on the cutting blades. Keep blades closed when snip is not in use. Use safety latch to keep blades closed on available models.
- Be careful of the sharp edges of the material being cut when snips are used. Always wear gloves when working with snips.
- Never use a snip to cut sheet metal thicker than 1/16" (.062").
- Never use snips to cut heavy wire, cable, nails, rod, as these materials may damage the cutting edge or the shearing action of the snip.
- Use the right size and style of snip for the job. Do not cut tight curves with a straight pattern snip. Use offset models for long cuts through large sheets of material.
- Avoid springing the blades. This is the result of trying to cut material that is too thick.
- Use only hand pressure for cutting. Never hammer, use cheater bars or use feet to try and increase pressure.
- Do not attempt to re-sharpen a snip blade in a sharpening device designed for knives, scissors, or garden tools.

#### HAMMERS

- Users and bystanders must wear safety goggles.
- To avoid possible eye injury from flying objects, safety goggles or equivalent protection conforming to ANSI Z87.1 shall be worn and kept clean by the user and all persons in the immediate area where any tool is being used.
- Comfort or plastic grips on handles are not intended to give any degree of protection against electric shock and shall not be used on or near live electric circuits.
- Hammer heads shall be inspected prior to each use and the hammer discarded if it shows chipping, dents, cracks, mushrooming or excessive wear.
- Inspect handles before each use. Never use a hammer with a loose or damaged handle.
- Hammer blows must be struck squarely to the surface being struck.
- Avoid glancing blows.
- When striking another tool (punch, chisel, wedge, etc.), the striking face of the proper hammer must have a diameter at least 3/8" larger than the face of the struck tool.
- Keep striking faces free of oil and grease.
- Never use one hammer to strike another hammer.
- Never strike with the side (cheek) of a hammer.
- Nail hammers are intended to drive or pull unhardened nails only.
- Never strike hardened objects with a nail hammer.
- Never use a soft face hammer to drive a nail or any hardened object.
- Use dead blow hammers to minimize vibration.
- Instructors and employers shall train users and stress proper lifting and swinging techniques for each striking tool application.
- No area, section, or portion of a hammer shall be ground, welded, reheated, or otherwise altered from its original shape.

#### PUNCHES, CHISELS, PRY BARS

- Users and bystanders must wear safety goggles.
- To avoid possible eye injury from flying objects, safety goggles or equivalent protection conforming to ANSI Z87.1 shall be worn and kept clean by the user and all persons in the immediate area where any tool is being used.
- Comfort or plastic grips on handles are not intended to give any degree of protection against electric shock and shall not be used on or near live electric circuits.
- Metal cutting chisels are special purpose tools designed and intended for the cutting, shaping, and removal of metal softer than the cutting edge of the chisel. To avoid possible bodily injury, chisels must not be used on objects as hard as or harder than the chisel cutting edge. Do not use chisels on stone or concrete.



**WARNING**  
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**WARNING**  
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**WARNING**  
Comfort or plastic grips do not protect against electric shock.

- When using chisels, the cutting edge must be pointed away from the user and any bystanders. Keep hands away from the cutting edge.
- Chisels and punches must not be used for prying or wedging, and no surface of the punch or chisel can be struck other than the struck face.
- When striking a punch or chisel, the striking face of the proper hammer must have a diameter at least 3/8" larger than the struck face of the chisel or punch. A hammer blow must be struck squarely with the hammer face parallel with the struck face of the chisel or punch. Avoid glancing blows.
- Chisels, punches, and pry bars shall be inspected before each use and their use discontinued at the first sign of excessive wear, chipping, cracking, bending or mushrooming of any surfaces.
- Never use a chisel or punch with a mushroomed struck face, a bent stem, or a chipped, dull or deformed cutting edge or point.
- Never hammer a pry bar or use a pry bar as a hammer.
- No area, section, or portion of a chisel, punch, or pry bar shall be ground, welded, reheated, or otherwise altered from its original shape.
- Users shall apply a controlled force with a stance adjusted and braced to prevent rapid bodily movement or a fall if sudden release occurs. Users need to take extra care when using pry bars to avoid bar slippage. Users must also avoid bodily strain when using pry bars.
- The point end diameter of the starter punch or pin punch must approximate the size of the work piece.
- Pin punches must not be used as a starting (solid) punch.
- Drift or lining punches are special purpose tools intended for aligning and sizing holes and must not be used for driving metal or other hard objects.

#### C-CLAMPS

- Users and bystanders must wear safety goggles.
- To avoid possible eye injury from flying objects, safety goggles or equivalent protection conforming to ANSI Z87.1 shall be worn and kept clean by the user and all persons in the immediate area where any tool is being used.
- Select C-clamps of proper size and capacity to handle the job.
- Always inspect clamps before using. Never use a C-clamp with:
  - Bent, twisted or cracked frame
  - Badly worn threads on spindle
  - Bent or cracked spindle
  - Swivel pads badly worn, not turning freely, or missing from spindle
- Never use a hammer or pipe extension to tighten a C-clamp; only tighten to prevent slippage. If a wrench is used on a C-clamp, do not exceed the recommended "nominal clamping pressure."
- Never use a C-clamp as a permanent holding device; always use a clamp only as a temporary holding tool.

- Never use a C-clamp to secure loads on moving vehicles.
- Never use a C-clamp with chain, strap, cable or hook to lift or move a load or work object.
- Never use a C-clamp to hoist or support any scaffolding.
- Never use a C-clamp as a safety eye hold.
- Never weld any parts of a C-clamp to other metal objects.
- Store C-clamps by clamping them in a rack, not in a drawer.

#### MISCELLANEOUS TOOLS & ACCESSORIES

- Users and bystanders must wear safety goggles.
- To avoid possible eye injury from flying objects, safety goggles or equivalent protection conforming to ANSI Z87.1 shall be worn and kept clean by the user and all persons in the immediate area where any tool is being used.
- Comfort or plastic grips on handles are not intended to give any degree of protection against electric shock and shall not be used on or near live electric circuits.
- Users shall apply a controlled force with a stance adjusted and braced to prevent rapid bodily movement or a fall if sudden release occurs.
- Never hammer or pry with scrapers, utility knives or extractors. Never use scrapers or utility knives as screwdrivers.
- Keep blades of utility knives and razor scrapers retracted in the housing except during use. Do not use dull blades. Keep free hand away from cutting edge.
- Hacksaw blades shall be taut. Do not use dull saw blades. Keep free hand away from the saw blade when sawing.
- No area, section or portion of hacksaws, utility knives, scrapers or extractors shall be ground, welded, heated or altered from their original condition.
- Prior to each use, hacksaws, utility knives, scrapers and extractors shall be inspected and their use discontinued at the first sign of bending or wear.
- Do not open tape measure cases. The tape is under spring tension.
- Control the retraction of the measuring tape to prevent injury to hands or other bodily parts.



**WRIGHT TOOL COMPANY PATENTS**

Country	Title	Patent No.
United States	Wrench	6,907,805
United States	Wrench	7,340,982
United States	Wrench	7,788,994
United States	Wrench	D476,868
United States	Wrench	D451,352
Germany	Asymmetric Wrench and Fastener System	60339879.0
France	Asymmetric Wrench and Fastener System	1371453
Great Britain	Asymmetric Wrench and Fastener System	1371453
United States	Asymmetric Wrench and Fastener System	6,904,833
United States	Asymmetric Wrench and Fastener System	7,174,811
United States	Asymmetric Wrench and Fastener System	7,484,440
Canada	Reinforced Impact Socket	2,639,292
United States	Reinforced Impact Socket	7,841,261
United States	Visual Indicator for Turn-of-Nut Torque Application	Patent Pending
PCT (INT'L)	Socket with Four Point Drive	Patent Pending
United States	Socket with Four Point Drive	Patent Pending
Germany	High Torque Wrenching System	69922181.1-08
France	High Torque Wrenching System	1071543
Great Britain	High Torque Wrenching System	1071543
United States	High Torque Wrenching System	6,698,315
United States	Asymmetrical Fastening System	6,698,316
United States	High Torque Wrenching System	6,725,746

**WRIGHT TOOL COMPANY TRADEMARKS**

**COUGAR PRO®**

**Perfecting Performance®**

**WRIGHT®**
**WRIGHT DRIVE®**

**WRIGHTGRIP®**
**WRIGHTSOURCE®**
**WRIGHTSPLINE®**

**WRIGHT TOOL®**
**WRIGHTTORQUE®**

**WARNING**  
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