

  
**WHITE HORSE**  
 MACHINE  
**HARDWARE**  
 & SUPPLY STORE

**Homak**

**SK**  
PROFESSIONAL TOOLS

**WILLIAMS**

**GP**

**WRIGHT**

**KNIPEX**

**ARMOR**

**CHANNEL LOCK**

**MAYHEW**

**BONDHUS**

**ESTWING**

**wiha**

**BESSEY**  
Simply better

**HANSEN**

**ERNST**

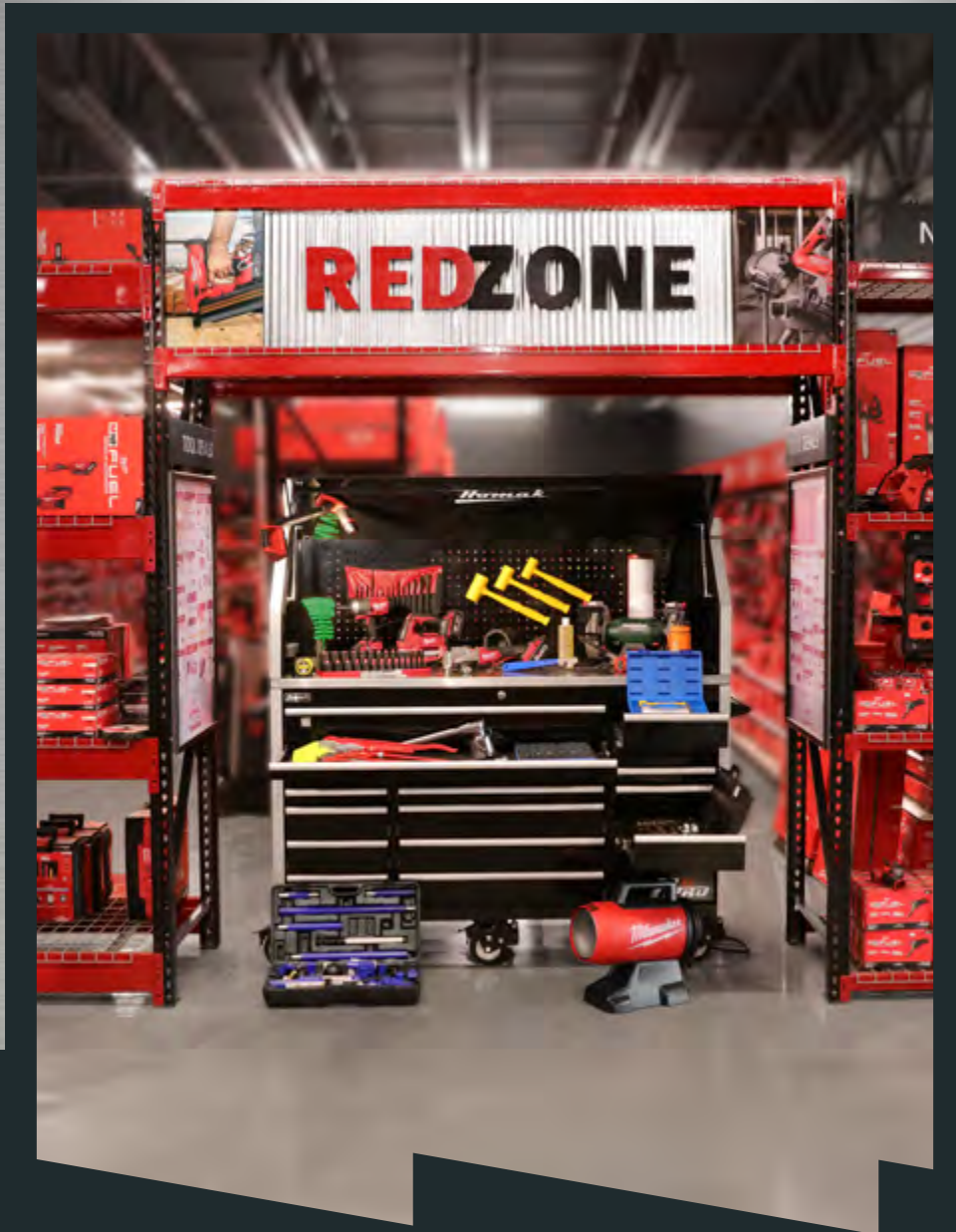
**Milwaukee**

**metabo**

**NORSEMAN**  
DRILL & TOOL

**3M** Science. Applied to Life.

**DURHAM MFG**  
Est. 1922



**2023 - 2024 TOOL CATALOG**

Dear Customer,

Welcome to the White Horse Machine Tool Catalog, your full-service supplier of premium quality and USA made tools for the mechanical, industrial and agricultural industries.

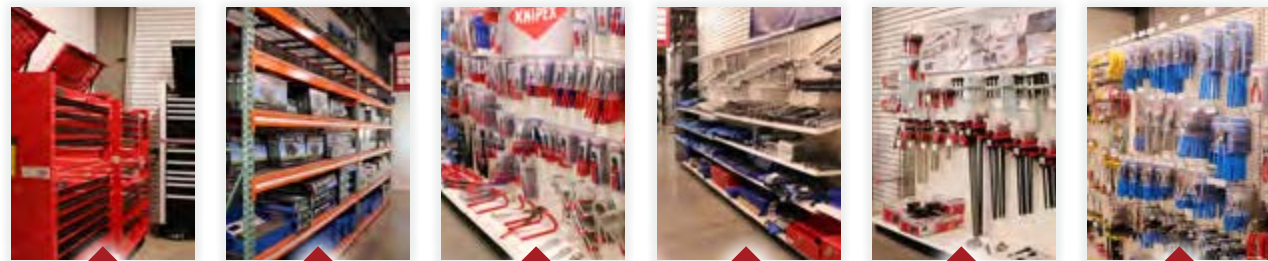
Having used hand tools in our own manufacturing and repair facilities for many years, we recognize the value of quality tools and their vital role in the workplace. This in turn has developed into extensive product research and relationships with many renowned tool manufacturers, where we now continually strive to provide you as the customer with the right tools for the job.

In December 2022 we expanded our hardware store in Gap, PA from 2,800 square feet to 9,700 square feet. Along with the expansion we increased our hand tool inventory from 500 square feet to 1,000 square feet, with an additional 1000 square feet of Milwaukee (REDZONE). This expansion has allowed us to drastically increase our tool selection. We now stock sockets ranging from 5/32" - 4-1/2" (4mm - 115 mm) as well as combination wrenches ranging from 1/4" - 2-1/2" (7mm - 36mm) along with an ever-increasing inventory of tool boxes, pliers, punches, hammers, drill bits, prybars and more.

We hope you will find what you need in this catalog. We have endeavored to identify most of the common items. This is only a fraction of the products available from these manufacturers. Please contact us if you would like more information or catalogs on specific tool brands, we are here to assist you!

Thank you for trusting our company with your hand and power tool needs. We also welcome you to visit our retail store to browse our full selection.

- The Team at White Horse Machine LLC



**Freight** - Freight prices listed on order form do not include tool chests and cabinets. Please call for freight quotes to your location on these products.

**Warranty** - All products in this catalog are warranted for defect, warranty issues will be handled according to the manufacturer's warranty. No warranty is granted for repairs or alterations made by the purchaser.

**Safety** - Tools are designed for specific functions, for your safety do not use improperly. Always wear safety goggles. Use of chrome finish hand sockets on high torque power impact equipment is a wrong use of the tool and can result in serious injury.

**Contact Info**

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Monday to Thursday: 6:00 AM to 5:00 PM,  
Friday: 6:00 AM to 7:30 PM, Saturday: 7:00 AM to 12:00 PM.

**Shipping:**

Shipping is F.O.B. Gap, PA. We ship daily UPS, US Mail, Truck Freight, or you can pick up at our location in Gap, PA.



# Tool Brand Reference



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Prices subject to change without notice. White Horse Machine LLC is not responsible for typographical errors in this catalog.



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# Homak®

GLOBALLY  
 KNOWN &  
 PROFESSIONALLY  
 TRUSTED  
 Since 1947



Homak Manufacturing was founded in 1947 in Chicago by Sigmund H. Danziger. The name "Homak" was coined after a sign that Sigmund saw on a hat store. Originally a manufacturer of steel kitchen cabinets, Homak expanded its product offerings in the 1960s to include a separate line of hardware products such as toolboxes, tool cabinets, and other accessories. Homak's hardware line remained strong and was accepted in many major retail businesses of its time. Following Sigmund's death in 1979, his wife, Gertrude, ran the company for 25 years. Under Gertrude's guidance, Homak extended its product line with automotive, hospital, and sporting goods.

In January of 2005 Homak was acquired by JVA and moved its office to western Pennsylvania. Its facility now resides in the Wampum Underground Commerce Center. Today, Homak emphasizes tool storage. The full product line consists of Hand-Carry Toolboxes, Tool Bags, Parts Organizers, Tool Storage Cabinets, Workbenches, Garage Furniture, Safety Cabinets, Spill Containment Systems, P.B. & E. Products, and Accessories. Each item is manufactured to exceed customers' expectations and to provide strength and dependability to the consumer.

Dimensions: 20.63" x 30.25" x 42"  
 Weight: 146 lbs.



Call for Freight Price



### 3 Slide Top Service Cart 35" Pro Series Four Drawer

Part# BK06043500 = \$702.00

- 3.2 mil Epoxy-Polyester Powder Coat Paint Finish
- HMC High-Security Tubular Locking System with Keys
- Heavy-Duty Rubber Grip Metal Push Handle
- EVA Foam Drawer Liners Included
- Slotted Sides for Organized Screwdriver Hanging
- Full-Length Aluminum Drawer Pulls
- Locking Slide-Top Panels Open to Storage Compartment
- Four Chromed 5"x2" Swivel Casters: Two with Wheel Brakes
- Removable 416mm Ball-Bearing Drawer Glides
- Bottom Shelf for Additional Storage Space

## Homak®



Call for Freight Price



### Industrial Tool Box

Part# BW00200200 (20") = \$102.00

Part# BW00200240 (24") = \$114.00

Part# BW00200320 (32") = \$131.00

- Solid Industrial Quality Construction
- Brown Wrinkle Powder Coat Paint Finish
- Steel Tool Tray Included
- Pad lockable Design
- Lid Secured by Triple Clasp System



Dimensions:  
 23.5" x 36" x 21.375"  
 Weight: 162 lbs.



### 36" RS Pro Top Chest

Part# RD02036040 = \$699.00

Available in Black, Blue, Red, Light Green, Orange Stocked in Red.

- Full-Length Aluminum Drawer Pulls with Black Plastic End Caps
- Removable Ball-Bearing Glides in Every Drawer with 100 lbs Weight Capacity
- PVC Foam Drawer Liners Included
- Lift Latch Drawer Pulls • Power Outlets in Top Till



Dimensions:  
 24" x 36" x 39"  
 Weight: 237 lbs.



### 36" RS Pro Roller Cabinet

Part# RD04036070 = \$1,121.00

- Full-Length Aluminum Drawer Pulls with Black Plastic End Caps
- Removable Ball-Bearing Glides in Every Drawer with 100 lbs Weight Capacity
- PVC Foam Drawer Liners Included
- Lift Latch Drawer Pulls
- Four 5"x2" Casters with 520 lb Weight Capacity Each

Available in Black, Blue, Red, Light Green, Orange Stocked in Red.



# Homak

# Homak



Dimensions:  
23.5" x 41" x 21.375"  
Weight: 198 lbs.



Call for Freight Price  
Also Available  
in Light Green.  
Stocked in Red, Black,  
Blue and Orange



## 41" RS Pro Top Chest

Part# RD02004173 (Red) = \$882.00  
Part# BL02004173 (Blue) = \$882.00  
Part# BK02004173 (Black) = \$882.00  
Part# OG02004173 (Orange) = \$882.00

- Full-Length Aluminum Drawer Pulls with Black Plastic End Caps
- Removable Ball-Bearing Glides in Every Drawer with 100 lbs Weight Capacity
- PVC Foam Drawer Liners Included
- Lift Latch Drawer Pulls
- Power Outlets in Top Till



71.75"

60"

Dimensions: 60" W x 30" D x 26.25" H Weight: 486 lbs.



## 60" HXL Pro 9-Drawer Top Chest (Black)

Part# HX02060101 = \$2,543.00

- Full-Extension Gas Struts
- Bold UV Protective High Gloss Finish
- Lift Latch Drawer Pulls
- Non-Slip PVC Drawer Liner
- Power Strip w/ 3 Outlets & UL Rated
- Heavy-Duty Lift Handle
- Reliable Smooth Ball Bearing Slides

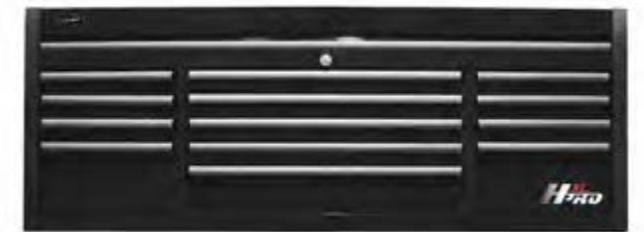
Call for Freight Price  
Available in Black or Blue.  
Stocked in Black



71.5"

72"

Dimensions: 72" W x 30" D x 26.25" H Weight: 608 lbs.



## 72" HXL Pro 13-Drawer Top Chest (Black)

Part# HX02072151 = \$3,065.00

- Full-Extension Gas Struts
- Bold UV Protective High Gloss Finish
- Lift Latch Drawer Pulls
- Non-Slip PVC Drawer Liner
- Power Strip w/ 3 Outlets & UL Rated
- Heavy-Duty Lift Handle
- Reliable Smooth Ball Bearing Slides

Call for Freight Price  
Available in Black or Blue.  
Stocked in Black

Call for Freight Price  
Also Available  
in Light Green.  
Stocked in Red, Black,  
Blue and Orange

Dimensions:  
24" x 41" x 39"  
Weight: 281 lbs.



## 41" RS Pro Roller Cabinet

Part# RD04004193 (Red) = \$1,219.00  
Part# BL04004193 (Blue) = \$1,219.00  
Part# BK04004193 (Black) = \$1,219.00  
Part# OG04004193 (Orange) = \$1,219.00

- Full-Length Aluminum Drawer Pulls with Black Plastic End Caps
- Removable Ball-Bearing Glides in Every Drawer with 100 lbs Weight Capacity
- PVC Foam Drawer Liners Included
- Lift Latch Drawer Pulls
- Four 5"x2" Casters with 520 lb Weight Capacity Each

Dimensions: 60" W x 30" D x 45.5" H Weight: 803 lbs.



## 60" HXL Pro 10-Drawer Roller Cabinet with SS Top (Black)

Part# HX04060111 = \$4,081.00

- 1300 lbs. Spring Loaded Caster Capacity
- Bold UV Protective High Gloss Finish
- Lift Latch Drawer Pulls
- Non-Slip PVC Drawer Liner
- Heavy-Duty Comfort Grip Push Handle
- Reliable Smooth Ball Bearing Slides
- HMC High Security Tubular Locking System

Call for Freight Price  
Available in Black or Blue.  
Stocked in Black

Dimensions: 72" W x 30" D x 45.25" H Weight: 1126 lbs.



## 72" HXL Pro 18-Drawer Roller Cabinet with SS Top (Black)

Part# HX04072171 = \$4,973.00

- 1300 lbs. Spring Loaded Caster Capacity
- Bold UV Protective High Gloss Finish
- Lift Latch Drawer Pulls
- Non-Slip PVC Drawer Liner
- Heavy-Duty Comfort Grip Push Handle
- Reliable Smooth Ball Bearing Slides
- HMC High Security Tubular Locking System

Call for Freight Price  
Available in Black or Blue.  
Stocked in Black

Tool Chests

Tool Chests



## 60" HXL Pro Hutch with Power Strip

Part# HX02060001 (Black) = \$1,384.00

- Power Strip w/ 3 Outlets & UL Rated
- Toolboard Back Wall
- Full-Extension Gas Struts
- Bold UV Protective High Gloss Finish
- Heavy-Duty Lift Handle
- HMC High Security Tubular Locking System
- Contoured Scoop Style drawer Pulls

Also Available in Blue

Dimensions:  
60" W x 30" D x 24-3/4" H  
Weight: 228 lbs.



Dimensions:  
72" W x 30" D x 24-3/4" H  
Weight: 234 lbs.



## 72" HXL Pro Hutch with Power Strip

Part# HX02072001 (Black) = \$1,513.00

- Power Strip w/ 3 Outlets & UL Rated
- Toolboard Back Wall
- Full-Extension Gas Struts
- Bold UV Protective High Gloss Finish
- Heavy-Duty Lift Handle
- HMC High Security Tubular Locking System
- Contoured Scoop Style drawer Pulls

Also Available in Blue



Open Closed



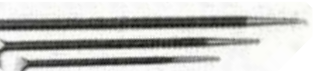
## Tool Chest & Cabinet with Tool Assortment Kits

Item#	Brand	Description	Page	Price
RD04004193	Homak	41" RS Pro 9-Drawer Roller Cabinet - Red	8	\$1,219.00
RD02004173	Homak	41" RS Pro 7-Drawer Top Chest - Red	8	\$882.00
JHWFMSM-30HF	Williams	30 Pc, 1/4" Drive 6 Point Metric Shallow & Deep Sockets & Drive Tool Set	15	\$300.00
JHWWSM-11HRC	Williams	11 Pc, 1/4" Drive, 6 Point, Shallow Fractional Socket Set	15	\$60.00
JHWWSD10HRC	Williams	10 Pc, 1/4" Drive, 6 Point, Deep Fractional Socket Set	15	\$80.00
JHWWSM23HF	Williams	23 Pc, 3/8" Drive, 6 Point Socket and Drive Fractional Tool Set	17	\$242.00
JHWWWS-2-8	Williams	8 Pc, 3/8" Drive, 6 Point Shallow Fractional Impact Socket Set	18	\$43.98
JHWWWS-12-8	Williams	8 Pc, 3/8" Drive, 6 Point Deep Fractional Impact Socket Set	18	\$54.00
JHWWWS-2-13H	Williams	13 Pc, 3/8" Drive, 6 Point Shallow Metric Impact Socket Set	18	\$82.00
JHWWWS-12-13H	Williams	13 Pc, 3/8" Drive, 6 Point Deep Metric Impact Socket Set	18	\$103.00
JHWWMSM-12HRC	Williams	12 Pc, 3/8" Drive, 6 Point Shallow Metric Socket Set	18	\$75.00
JHWWMSM12HRC	Williams	12 Pc, 3/8" Drive, 6 Point Deep Metric Socket Set	18	\$100.00
JHWWWS-30F	Williams	30 Pc, 1/2" Drive, 12 Point Socket and Drive Fractional Tool Set	21	\$455.00
JHWWSS-15RC	Williams	15 Pc, 1/2" Drive, 12 Point Shallow Metric Socket Set	22	\$126.00
JHWWSSD-12RC	Williams	12 Pc, 1/2" Drive, 12 Point Deep Metric Impact Socket Set	22	\$177.00
JHWWWS-4-14	Williams	14 Pc, 1/2" Drive, 6 Point Shallow Fractional Impact Socket Set	22	\$130.00
JHWWWS1414RC	Williams	14 Pc, 1/2" Drive, 6 Point Deep Fractional Impact Socket Set	22	\$193.00
JHWWWS-4-16RC	Williams	16 Pc, 1/2" Drive, 6 Point Shallow Metric Impact Socket Set	22	\$135.00
9033 R US	Bahco	Black X-Wide Adjustable Wrench	29	\$210.00
JHWWWS-12RC	Williams	12 Pc, 12 Point Metric Reversible Ratcheting Wrench Set	34	\$64.00
JHWWWS-1168RC	Williams	8 Pc, 12 Point Fractional Reversible Ratcheting Wrench Set	33	\$221.00
JHWF100P-8MD	Williams	19 Pc, Endurogrip™ and Supertorque™ Combination Screwdriver Set	39	\$152.00
JHW20545	Williams	24 Oz. Ball Pein Hammer with Fiberglass Handle	41	\$126.00
JHWJHW-24	Williams	24 Oz. Dead Blow Hammer	41	\$21.29
JHWJHW-48	Williams	48 Oz. Dead Blow Hammer	41	\$39.85
JHW23301	Williams	5" Curved Locking Pliers Cutter	42	\$61.00
JHW23303	Williams	10" Curved Locking Pliers Cutter	42	\$10.94
915	Wright	15-Pc, 12 Point Fractional Wrench Set	69	\$374.00
958	Wright	18-Pc, 12 Point Metric Wrench Set	69	\$353.00
00 20 06 US1	Knipex	3-Pc Pliers Wrench Set (7", 10" & 12")	75	\$123.00
86 01 180	Knipex	7.25" Pliers Wrench	77	\$52.00
86 01 250	Knipex	10" Pliers Wrench	77	\$61.00
86 01 300	Knipex	12" Pliers Wrench	77	\$79.00
00 20 04 SB	Knipex	8-Pc Precision Circlip Pliers Set	82	\$206.00
60150	Mayhew	3-Pc Ladyfoot Pry Bar Set	93	\$98.00
61355	Mayhew	3-Pc Dominator Curved Screwdriver Pry Bar Set	93	\$72.00
15070	Mayhew	150 Line - 14-Pc Punch & Chisel Set	97	\$174.00
60003	Mayhew	4-Pc Mini Hook & Pick Set	100	\$15.81
69600	Bondhus	22-Pc Fractional & Metric Extra Long Ball End L-Wrench Set	102	\$47.80
13138	Bondhus	10 Pc Fractional Hex Wrench Set	103	\$46.79
13187	Bondhus	8 Pc Metric Hex Wrench Set	103	\$38.34
1201	Hansen	(2) 1/2" Drive Regular & Deep Fractional Socket Tray - Red	111	\$38.88
1202	Hansen	(2) 1/2" Drive Regular & Deep Metric Socket Tray - Gray	111	\$38.88
1401	Hansen	1/4" Drive Regular & Deep Fractional Socket Tray - Red	111	\$18.14
1402	Hansen	1/4" Drive Regular & Deep Metric Socket Tray - Gray	111	\$18.14
3801	Hansen	(2) 3/8" Drive Regular & Deep Fractional Socket Tray - Red	111	\$36.28
3802	Hansen	(2) 3/8" Drive Regular & Deep Metric Socket Tray - Gray	111	\$36.28
5064	Ernst	Black 19-Tool Wrench Tray (Reverse)	112	\$11.50
5066	Ernst	Red 15-Tool Wrench Tray	112	\$9.40
5084	Ernst	Red 9-Tool Wrench Gripper Tray	112	\$9.96
5086	Ernst	Red 11-Tool Wrench Gripper Tray	112	\$11.01
5500	Ernst	10 Tool Pliers Rack	112	\$16.65
6011M	Ernst	20 Tool Screwdriver Rail	113	\$19.55
48-22-2407	Milwaukee	7-Pc Hollow Shaft Fractional Nut Driver Set	188	\$37.26
48-22-2417	Milwaukee	7-Pc Hollow Shaft Metric Nut Driver Set	188	\$37.26

Total Above \$7,450.22  
- 7% Discount -\$521.52  
GRAND TOTAL \$6,928.70

Customized Kits for Your Specific Needs!

Fully Equipped and Ready to Perform!



Already have some tools that are in this kit? We can switch tools out to best suit YOUR NEEDS!



## 3/8" Sockets & Accessories

### 49 Pc, 3/8" Drive, 6 Point, Standard and Deep, Fractional and Metric Socket Set with Universal Joint



Part# 94549 = \$272.00 (Set Includes entire listing below)

- Fractional Standard Length Sizes: 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8"
- Fractional Deep Length Sizes: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8"
- Metric Standard Length Sizes: 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm
- Metric Deep Length Sizes: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm
- Accessories: 7.6" Ratchet, Thumbwheel Ratchet, Universal Joint, 3" Extension, 6" Extension



Packaged in a molded plastic case

## 1/2" Sockets & Accessories

### 28 Pc, 1/2" Drive, 6 Point Standard and Deep Fractional Socket Set



Part# 4128-6 = \$467.00 (Set Includes entire listing below)

- Fractional Standard Length Sizes: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1 1/16", 1 1/8", 1 1/4"
- Fractional Deep Length Sizes: 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1"
- Accessories: 10.3" Ratchet, 16" Flex Handle, 2" Extension, 5" Extension, Universal Joint



Packaged in a molded plastic case

### 47 Pc, 1/2" Drive, 6 Point, Standard and Deep, Fractional and Metric Socket SuperSet®



Part# 4147-6 = \$484.00 (Set Includes entire listing below)

- Fractional Standard Length Sizes: 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8"
- Fractional Deep Length Sizes: 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16"
- Metric Standard Length Sizes: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24mm
- Metric Deep Length Sizes: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm
- Accessories: 15" Ratchet, 2" Extension, 5" Extension



Packaged in a molded plastic case

### 8 Pc, Chrome Universal Adapter Set

Part# 4518 = \$127.00

(Set Includes entire listing below)



Part#	Size	Price	Part#	Size	Price
385	1/4" F-3/8" M Drive, Adapter	\$10.83	451	3/8" F-1/2" M Drive, Adapter	\$12.27
384	3/8" F-1/4" M Drive, Adapter	\$12.06	40990	1/4" Drive Universal Joint	\$22.65
401	1/2" F-3/8" M Drive, Adapter	\$15.01	45190	3/8" Drive Universal Joint	\$26.08
407	1/2" F-3/4" M Drive, Adapter	\$18.14	40190	1/2" Drive Universal Joint	\$31.70



## SureGrip® Slotted Screwdrivers

- Butyrate handle for strength, durability and resistant to most automotive chemicals.
- Bolstered blades on larger sizes
- Nickel chrome plated for corrosion resistance
- Vapor blasted tip for fastener grip
- Easy clean up

### 9 Pc SureGrip® Combination Screwdriver Set

Part# 86006 = \$128.00 (Set Includes entire listing below)

- P0 x 3", P1 x 4", P2 x 2-1/4", P2 x 4 Phillips Screwdrivers
- 1/4" x 2 1/4", 1/4" x 4", 5/16" x 6", 3/8" x 8", 3/8" x 12" Slotted Screwdrivers



## CushionGrip Slotted Screwdrivers

- Dual durometer handle for comfort and control
- End stamp for quick identification
- Bolstered blades
- Nickel chrome plated for corrosion resistance
- Vapor blasted tip for fastener grip

### 9 Pc CushionGrip Combination Screwdriver Set

Part# 86007 = \$126.00 (Set Includes entire listing below)

- P0 x 3", P1 x 4", P2 x 4", P2 x 2.25" Philips Screwdrivers
- 1/4" x 2-1/4", 1/4" x 4", 5/16" x 6", 5/16" x 8", 5/16" x 12" Keystone Slotted Screwdrivers



## 12 Pc Convertible Retaining Ring Plier Kit

Part# 7612 = \$274.00

(Set Includes entire listing below)

- 0° Tip Size: .038, .047, .070, .090
- 45° Tip Size: .038, .047, .070, .090
- 90° Tip Size: .038, .047, .070, .090



### .120" External Retaining Ring Pliers

The Large Retaining Ring Pliers are ideal for use on transmissions, outboard motors and various automotive, fleet and marine applications.

- Equipped with a ratchet locking mechanism.
- Replaceable tips and can service rings to 6".

Part#	Price
7618	\$98.00



### .120" Internal Retaining Ring Pliers

The Large Retaining Ring Pliers are ideal for use on transmissions, outboard motors and various automotive, fleet and marine applications.

- Equipped with a ratchet locking mechanism.
- Replaceable tips and can service rings to 6".

Part#	Price
7617	\$98.00



## Hand & Tool Wipes

Cleans the toughest automotive grease, grime and dirt on hands and tools

Part#	Price
SKWIPES1	\$20.28





# WILLIAMS

## WORK TOOLS

### WILLIAMS

#### RATCHETS AND DRIVE TOOLS

Single pawl ratchet design is designed for tighter tolerances between pawl and gear which reduces metal fatigue and slippage under load and does not require as many working parts, reducing possible breakage and parts to repair

Enclosed head prevents dust, dirt, and liquids from entering head, preserving internal lubrication

36-tooth gear with 10° of engagement allowing easier ratcheting in tight conditions

Easy access reverse lever for changing working direction quickly and easily with only one hand

Forged, one-piece ratchet provides strength and safety for industrial applications

Nickel/Chrome plating provides increased protection from rust and corrosion

Smooth, comfort-grip handle permits all-day use without gloves

#### CHROME SOCKETS

**SUPERTORQUE™** lobular openings for greater turning power without deforming the fastener

Chrome finish feature mirror-like exterior that can be easily cleaned after each use

Extruded or hot broached from alloy steel, precision machined and fully heat treated

Chamfered ends provides easy engagement of the drive tool and fastener



#### EXTENSIONS AND ACCESSORIES

Ball and spring socket retention



## 1/4" Sockets & Accessories

### WILLIAMS



- Professional quality, made of high-grade chrome vanadium steel
- Sockets feature SUPERTORQUE lobular openings for greater turning power without deforming fastener
- Packed in rugged compact high-density polyethylene (HDPE) cases, strong and durable yet light in weight

### 11 Pc, 1/4" Drive, 6 Point, Shallow Fractional Socket Set

(Set Includes entire listing below)

Part# JHWWSM-11HRC = \$60.00

- Fractional Shallow Sizes: 5/32", 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16"



SAE

### 10 Pc, 1/4" Drive, 6 Point, Deep Fractional Socket Set

(Set Includes entire listing below)

Part# JHWWSD10HRC = \$80.00

- Fractional Deep Sizes: 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16"



SAE

### 12 Pc, 1/4" Drive, 6 Point, Shallow Metric Socket Set

(Set Includes entire listing below)

Part# JHWWSM-12HRC = \$65.00

- Metric Shallow Sizes: 4, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14



MM

### 12 Pc, 1/4" Drive, 6 Point, Deep Metric Socket Set

(Set Includes entire listing below)

Part# JHWWSD12HRC = \$101.00

- Metric Deep Sizes: 4, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14



MM

### 30 Pc, 1/4" Drive 6 Point Metric Shallow & Deep Sockets & Drive Tool Set in 1/3 Foam Drawer Insert

(Set Includes entire listing below)

Part# JHWFMSM-30HF = \$300.00

- Metric Shallow Length Sizes: 4, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14
- Metric Deep Length Sizes: 4, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14
- Accessories: 2" Extension, 6" Extension, 6" Spinner Handle, 1-7/16" Drive Adapter, 5-3/4" Flex Handle 5-1/4" Enclosed Head Ratchet



MM



# 1/4" Sockets & Accessories



## 1/4" Drive, 6 Point Standard Length Fractional Impact Sockets

Part#	Size	Price	Part#	Size	Price
JHWM-605	5/32	\$5.94	JHWM-611	11/32	\$6.24
JHWM-606	3/16	\$6.08	JHWM-612	3/8	\$6.24
JHWM-607	7/32	\$6.08	JHWM-614	7/16	\$6.24
JHWM-608	1/4	\$6.08	JHWM-616	1/2	\$6.29
JHWM-609	9/32	\$6.08	JHWM-618	9/16	\$6.32
JHWM-610	5/16	\$6.24			



SAE

## 1/4" Drive, 6 Point Deep Length Fractional Impact Sockets

Part#	Size	Price	Part#	Size	Price
JHWMD-606	3/16	\$8.67	JHWMD-611	11/32	\$8.99
JHWMD-607	7/32	\$8.67	JHWMD-612	3/8	\$9.02
JHWMD-608	1/4	\$8.78	JHWMD-614	7/16	\$9.05
JHWMD-609	9/32	\$8.78	JHWMD-616	1/2	\$9.08
JHWMD-610	5/16	\$8.91	JHWMD-618	9/16	\$9.15



SAE

## 1/4" Drive, 6 Point Standard Length Metric Impact Sockets

Part#	Size	Price	Part#	Size	Price
JHWMM-604	4mm	\$5.88	JHWMM-609	9mm	\$6.05
JHWMM-605	5mm	\$5.88	JHWMM-610	10mm	\$6.18
JHWMM-605.5	5.5mm	\$6.05	JHWMM-611	11mm	\$6.18
JHWMM-606	6mm	\$6.05	JHWMM-612	12mm	\$6.18
JHWMM-607	7mm	\$6.05	JHWMM-613	13mm	\$6.32
JHWMM-608	8mm	\$6.05	JHWMM-614	14mm	\$6.38



MM

## 1/4" Drive, 6 Point Deep Length Metric Impact Sockets

Part#	Size	Price	Part#	Size	Price
JHWMD-604	4mm	\$9.18	JHWMD-609	9mm	\$9.35
JHWMD-605	5mm	\$9.18	JHWMD-610	10mm	\$9.45
JHWMD-605.5	5.5mm	\$9.26	JHWMD-611	11mm	\$9.45
JHWMD-606	6mm	\$9.29	JHWMD-612	12mm	\$9.48
JHWMD-607	7mm	\$9.29	JHWMD-613	13mm	\$9.53
JHWMD-608	8mm	\$9.32	JHWMD-614	14mm	\$9.56



MM

### Enclosed Head Ratchet



Part#	Size	Price
JHWM-52EHA	7"	\$31.74

### Drive Extensions



Part#	Size	Price
JHWM-102	2"	\$8.37
JHWM-115	6"	\$11.18

### Spinner Handle



Part#	Size	Price
JHWM-106A	6"	\$14.72

### Universal Joint



Part#	Price
JHWM-140A	\$19.88



Adapters See Page 29



# 3/8" Sockets & Accessories



## 23 Pc, 3/8" Drive, 6 Point Socket and Drive Fractional Tool Set

(Set Includes entire listing below)

Part# JHWWSB23HFTB = \$272.00

(Packaged in Keep Safe Foam inside Metal Tool Box)

Part# JHWWSB23HF = \$242.00

(Packaged in Keep Safe Foam)

- Fractional Shallow Length Sizes: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8"
- Fractional Deep Length Sizes: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8"
- Accessories: 8" Enclosed Head Ratchet, 3" Extension, 6" Extension, 8-9/16" Flex Handle, Universal Joint



SAE

## 29 Pc, 3/8" Drive, 6 Point Socket and Drive Metric Tool Set

(Set Includes entire listing below)

Part# JHWMSB29HFTB = \$307.00

(Packaged in Keep Safe Foam inside Metal Tool Box)

Part# JHWMSB29HF = \$296.00

(Packaged in Keep Safe Foam)

- Metric Shallow Length Sizes: 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm
- Metric Deep Length Sizes: 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm
- Accessories: 8" Enclosed Head Ratchet, 3" Extension, 6" Extension, 8-9/16" Flex Handle, Universal Joint



MM

## 8 Pc, 3/8" Drive, 6 Point Shallow Fractional Socket Set

(Set Includes entire listing below)

Part# JHWWS-8HRC = \$52.00

- Fractional Shallow Length Sizes: 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 3/4"



SAE

## 13 Pc, 3/8" Drive, 6 Point Shallow Fractional Socket Set

(Set Includes entire listing below)

Part# JHWWSB-13HRC = \$90.00

- Fractional Shallow Length Sizes: 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1"



SAE

## 13 Pc, 3/8" Drive, 6 Point Deep Fractional Socket Set

(Set Includes entire listing below)

Part# JHWWSBD13HRC = \$83.00

- Fractional Deep Length Sizes: 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1"



SAE



Sockets



Sockets



# 3/8" Sockets & Accessories



## 12 Pc, 3/8" Drive, 6 Point Shallow Metric Socket Set

(Set Includes entire listing below)

Part# JHWMSB-12HRC = \$75.00

• Metric Shallow Length Sizes: 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm



## 12 Pc, 3/8" Drive, 6 Point Deep Metric Socket Set

(Set Includes entire listing below)

Part# JHWMSBD12HRC = \$100.00

• Metric Deep Length Sizes: 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm



## 8 Pc, 3/8" Drive, 6 Point Shallow Fractional Impact Socket Set

(Set Includes entire listing below)

Part# JHWWS-2-8 = \$43.98

• Fractional Shallow Length Sizes: 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"



## 8 Pc, 3/8" Drive, 6 Point Deep Fractional Impact Socket Set

(Set Includes entire listing below)

Part# JHWWS-12-8 = \$54.00

• Fractional Deep Length Sizes: 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"



## 13 Pc, 3/8" Drive, 6 Point Shallow Metric Impact Socket Set

(Set Includes entire listing below)

Part# JHWMS-2-13H = \$82.00

• Metric Shallow Length Sizes: 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19



## 13 Pc, 3/8" Drive, 6 Point Deep Metric Impact Socket Set

(Set Includes entire listing below)

Part# JHWMS-12-13H = \$103.00

• Metric Deep Length Sizes: 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19



## 7 Pc, 3/8" Drive, TURBOSOCKET® Fractional Salvage Socket Set

(Set Includes entire listing below)

Part# JHWTSFS3807 = \$152.00

• Fractional Sizes: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"



# 3/8" Sockets & Accessories



## 3/8" Drive, 6 Point Shallow Fractional Sockets

Part#	Size	Price
JHWB-612	3/8	\$6.35
JHWB-614	7/16	\$6.45
JHWB-616	1/2	\$6.45
JHWB-618	9/16	\$6.72
JHWB-620	5/8	\$6.89

Part#	Size	Price
JHWB-622	11/16	\$6.89
JHWB-624	3/4	\$7.16
JHWB-626	13/16	\$7.77
JHWB-628	7/8	\$8.00
JHWB-630	15/16	\$9.15
JHWB-632	1	\$9.45



## 3/8" Drive, 6 Point Deep Fractional Sockets

Part#	Size	Price
JHWBD-612	3/8	\$8.37
JHWBD-614	7/16	\$8.37
JHWBD-616	1/2	\$8.37
JHWBD-618	9/16	\$8.85
JHWBD-620	5/8	\$9.08

Part#	Size	Price
JHWBD-622	11/16	\$10.10
JHWBD-624	3/4	\$11.37
JHWBD-626	13/16	\$12.09
JHWBD-628	7/8	\$13.53
JHWBD-630	15/16	\$14.86
JHWBD-632	1	\$16.35



## 3/8" Drive, 6 Point Shallow Metric Sockets

Part#	Size	Price
JHWBM-608	8	\$6.48
JHWBM-609	9	\$6.59
JHWBM-610	10	\$6.59
JHWBM-611	11	\$6.65
JHWBM-612	12	\$6.65
JHWBM-613	13	\$6.65

Part#	Size	Price
JHWBM-614	14	\$7.02
JHWBM-615	15	\$7.02
JHWBM-616	16	\$7.02
JHWBM-617	17	\$7.02
JHWBM-618	18	\$7.02
JHWBM-619	19	\$7.37



## 3/8" Drive, 6 Point Deep Metric Sockets

Part#	Size	Price
JHWBMD-608	8	\$8.61
JHWBMD-609	9	\$8.72
JHWBMD-610	10	\$8.72
JHWBMD-611	11	\$8.72
JHWBMD-612	12	\$8.72
JHWBMD-613	13	\$8.72

Part#	Size	Price
JHWBMD-614	14	\$9.29
JHWBMD-615	15	\$9.29
JHWBMD-616	16	\$9.32
JHWBMD-617	17	\$9.45
JHWBMD-618	18	\$10.16
JHWBMD-619	19	\$10.64



## 3/8" Drive, Shallow Length Fractional Impact Sockets

Part#	Size	Price
JHW2-610	5/16	\$5.67
JHW2-612	3/8	\$5.81
JHW2-614	7/16	\$5.81
JHW2-616	1/2	\$6.02

Part#	Size	Price
JHW2-618	9/16	\$6.15
JHW2-620	5/8	\$6.32
JHW2-622	11/16	\$6.59
JHW2-624	3/4	\$6.78



# 3/8" Sockets & Accessories



## 3/8" Drive, Deep Length Fractional Impact Sockets

Part#	Size	Price	Part#	Size	Price
JHW12-610	5/16	\$6.99	JHW12-618	9/16	\$7.59
JHW12-612	3/8	\$7.05	JHW12-620	5/8	\$7.83
JHW12-614	7/16	\$7.16	JHW12-622	11/16	\$8.13
JHW12-616	1/2	\$7.40	JHW12-624	3/4	\$8.37



## 3/8" Drive, Shallow Length Metric Impact Sockets

Part#	Size	Price	Part#	Size	Price
JHW2M-607	7	\$6.59	JHW2M-614	14	\$6.75
JHW2M-608	8	\$6.59	JHW2M-615	15	\$6.86
JHW2M-609	9	\$6.65	JHW2M-616	16	\$6.99
JHW2M-610	10	\$6.65	JHW2M-617	17	\$7.59
JHW2M-611	11	\$6.75	JHW2M-618	18	\$7.59
JHW2M-612	12	\$6.65	JHW2M-619	19	\$7.59
JHW2M-613	13	\$6.65			



## 3/8" Drive, Deep Length Metric Impact Sockets

Part#	Size	Price	Part#	Size	Price
JHW12M-607	7	\$7.70	JHW12M-614	14	\$8.31
JHW12M-608	8	\$8.07	JHW12M-615	15	\$8.31
JHW12M-609	9	\$8.13	JHW12M-616	16	\$8.61
JHW12M-610	10	\$8.18	JHW12M-617	17	\$8.88
JHW12M-611	11	\$8.24	JHW12M-618	18	\$8.88
JHW12M-612	12	\$8.27	JHW12M-619	19	\$9.15
JHW12M-613	13	\$8.27			



## 3/8" Drive, TURBOSOCKET® Fractional Salvage Sockets

Part#	Size	Price	Part#	Size	Price
JHWTS38375	3/8	\$24.35	JHWTS38750	5/8	\$29.16
JHWTS38437	7/16	\$24.89	JHWTS38625	11/16	\$27.09
JHWTS38500	1/2	\$25.58	JHWTS38687	3/4	\$27.95
JHWTS38562	9/16	\$26.84			



### Enclosed Head Ratchet

Part#	Size	Price
JHWB-52EHA	8"	\$42.62



### Drive Extensions

Part#	Size	Price
JHWB-108	3"	\$10.83
JHWB-110	6"	\$13.85



### Flex Handle

Part#	Price
JHWB-40B	\$27.43

### Universal Joint



Part#	Price
JHWB-140A	\$23.09



### Adapters See Page 29



# 1/2" Sockets & Accessories



## 38 Pc, 1/2" Drive, 12 Point Socket and Drive Fractional Tool Set

(Set Includes entire listing below)  
**Part# JHWWSS-38FTB = \$664.00**  
 (Packaged in Keep Safe Foam inside Metal Tool Box)

**Part# JHWWSS-38F = \$638.00**  
 (Packaged in Keep Safe Foam)

- Fractional Shallow Length Sizes: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4", 1-5/16", 1-3/8", 1-7/16", 1-1/2"
- Fractional Deep Length Sizes: 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8"
- Accessories: 18" Speeder Handle, 15-1/2" Flex Handle, 10-3/8" Enclosed Head Ratchet, Ratchet Spinner Disk, Universal Joint, 2" Extension, 5" Extension, 10" Extension



## 30 Pc, 1/2" Drive, 12 Point Socket and Drive Fractional Tool Set

(Set Includes entire listing below)  
**Part# JHWWSS-30FTB = \$508.00**  
 (Packaged in Keep Safe Foam inside Metal Tool Box)

**Part# JHWWSS-30F = \$455.00**  
 (Packaged in Keep Safe Foam)

- Fractional Shallow Length Sizes: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-1/4"
- Fractional Deep Length Sizes: 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8"
- Accessories: 15-1/2" Flex Handle, 10-3/8" Enclosed Head Ratchet, Universal Joint, 5" Extension, 10" Extension



## 18 Pc, 1/2" Drive, 12 Point Socket and Drive Fractional Tool Set

(Set Includes entire listing below)  
**Part# JHWWSS18HFTB = \$310.00**  
 (Packaged in Keep Safe Foam inside Metal Tool Box)

**Part# JHWWSS18HF = \$297.00**  
 (Packaged in Keep Safe Foam)

- Fractional Shallow Length Sizes: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-1/4"
- Accessories: 15-1/2" Flex Handle, 10-3/8" Enclosed Head Ratchet, Universal Joint, 5" Extension



## 33 Pc, 1/2" Drive, 12 Point Socket and Drive Metric Tool Set

(Set Includes entire listing below)  
**Part# JHWMSS-33FTB = \$535.00**  
 (Packaged in Keep Safe Foam inside Metal Tool Box)

**Part# JHWMSS-33F = \$478.00** (Packaged in Keep Safe Foam)

- Metric Shallow Length Sizes: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24mm
- Metric Deep Length Sizes: 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27, 30
- Accessories: 15-1/2" Flex Handle, 10-3/8" Enclosed Head Ratchet, Universal Joint, 2" Extension, 5" Extension, 10" Extension



# 1/2" Sockets & Accessories



## 14 Pc, 1/2" Drive, 6 Point Shallow Fractional Socket Set

(Set Includes entire listing below) Part# JHWSS-14HRC = \$132.00

- Fractional Shallow Length Sizes: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-1/4"



## 11 Pc, 1/2" Drive, 6 Point Deep Fractional Socket Set

(Set Includes entire listing below) Part# JHWSSD11HRC = \$157.00

- Fractional Deep Length Sizes: 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8"



## 15 Pc, 1/2" Drive, 12 Point Shallow Metric Socket Set

(Set Includes entire listing below) Part# JHMSS-15RC = \$126.00

- Metric Shallow Length Sizes: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24mm



## 12 Pc, 1/2" Drive, 12 Point Deep Metric Socket Set

(Set Includes entire listing below) Part# JHMSSD-12RC = \$177.00

- Metric Deep Length Sizes: 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27, 30mm



## 14 Pc, 1/2" Drive, 6 Point Shallow Fractional Impact Socket Set

(Set Includes entire listing below) Part# JHWWS-4-14 = \$130.00

- Fractional Shallow Length Sizes: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-1/4"



## 14 Pc, 1/2" Drive, 6 Point Deep Fractional Impact Socket Set

(Set Includes entire listing below) Part# JHWWS1414RC = \$193.00

- Fractional Deep Length Sizes: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-1/4"



## 19 Pc, 1/2" Drive, 6 Point Deep Fractional Impact Socket Set

(Set Includes entire listing below) Part# JHWWS-1419RC = \$329.00

- Fractional Deep Length Sizes: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4", 1-5/16", 1-3/8", 1-7/16", 1-1/2"



## 16 Pc, 1/2" Drive, 6 Point Shallow Metric Impact Socket Set

(Set Includes entire listing below) Part# JHWMS-4-16RC = \$135.00

- Metric Standard Length Sizes: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27mm



# 1/2" Sockets & Accessories



## 16 Pc, 1/2" Drive, 6 Point Deep Metric Impact Socket Set

(Set Includes entire listing below)

Part# JHWMS-1416RC = \$210.00

- Metric Deep Length Sizes: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27mm



## 5 Pc, 1/2" Drive, TURBOSOCKET® Fractional Salvage Socket Set

(Set Includes entire listing below) Part# JHWTSFS5005 = \$135.00

- Fractional Sizes: 3/4", 13/16", 7/8", 15/16", 1"



## 7 Pc, 1/2" Drive, TURBOSOCKET® Metric Salvage Socket Set

(Set Includes entire listing below) Part# JHWTSMS5107 = \$183.00

- Metric Standard Length Sizes: 14, 15, 16 (5/8"), 17, 18, 19 (3/4"), 21



## 1/2" Drive, 12 Point Shallow Fractional Sockets

Part#	Size	Price	Part#	Size	Price	Part#	Size	Price
JHWST-1212	3/8	\$8.00	JHWST-1226	13/16	\$10.53	JHWST-1240	1-1/4	\$15.95
JHWST-1214	7/16	\$8.00	JHWST-1228	7/8	\$10.53	JHWST-1242	1-5/16	\$19.50
JHWST-1216	1/2	\$8.07	JHWST-1230	15/16	\$10.64	JHWST-1244	1-3/8	\$21.14
JHWST-1218	9/16	\$8.10	JHWST-1232	1	\$12.05	JHWST-1246	1-7/16	\$29.35
JHWST-1220	5/8	\$8.27	JHWST-1234	1-1/16	\$12.59	JHWST-1248	1-1/2	\$29.35
JHWST-1222	11/16	\$9.15	JHWST-1236	1-1/8	\$14.06			
JHWST-1224	3/4	\$9.18	JHWST-1238	1-3/16	\$15.02			



## 1/2" Drive, 12 Point Deep Fractional Sockets

Part#	Size	Price	Part#	Size	Price	Part#	Size	Price
JHWSD-1216	1/2	\$14.15	JHWSD-1224	3/4	\$14.27	JHWSD-1232	1	\$17.61
JHWSD-1218	9/16	\$14.39	JHWSD-1226	13/16	\$14.36	JHWSD-1234	1-1/16	\$18.42
JHWSD-1220	5/8	\$14.55	JHWSD-1228	7/8	\$15.60	JHWSD-1236	1-1/8	\$19.15
JHWSD-1222	11/16	\$14.58	JHWSD-1230	15/16	\$16.23			



## 1/2" Drive, 6 Point Shallow Fractional Sockets

Part#	Size	Price	Part#	Size	Price	Part#	Size	Price
JHWST-612	3/8	\$8.04	JHWST-622	11/16	\$9.15	JHWST-632	1	\$12.02
JHWST-614	7/16	\$8.00	JHWST-624	3/4	\$9.18	JHWST-634	1-1/16	\$12.59
JHWST-616	1/2	\$8.07	JHWST-626	13/16	\$10.53	JHWST-636	1-1/8	\$14.06
JHWST-618	9/16	\$8.13	JHWST-628	7/8	\$10.53	JHWST-640	1-1/4	\$15.95
JHWST-620	5/8	\$8.27	JHWST-630	15/16	\$10.64			



## 1/2" Drive, 6 Point Deep Length Fractional Sockets

Part#	Size	Price	Part#	Size	Price	Part#	Size	Price
JHWSD-616	1/2	\$14.28	JHWSD-624	3/4	\$14.27	JHWSD-632	1	\$17.61
JHWSD-618	9/16	\$14.39	JHWSD-626	13/16	\$14.36	JHWSD-634	1-1/16	\$18.42
JHWSD-620	5/8	\$14.55	JHWSD-628	7/8	\$15.60	JHWSD-636	1-1/8	\$19.15
JHWSD-622	11/16	\$14.58	JHWSD-630	15/16	\$16.23			



Sockets

Sockets

# 1/2" Sockets & Accessories



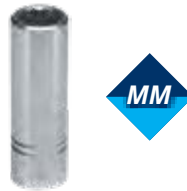
## 1/2" Drive, 12 Point Shallow Length Metric Sockets

Part#	Size	Price	Part#	Size	Price	Part#	Size	Price
JHWSTM-1210	10	\$8.10	JHWSTM-1215	15	\$8.37	JHWSTM-1220	20	\$10.91
JHWSTM-1211	11	\$8.13	JHWSTM-1216	16	\$8.91	JHWSTM-1221	21	\$10.94
JHWSTM-1212	12	\$8.13	JHWSTM-1217	17	\$9.32	JHWSTM-1222	22	\$10.91
JHWSTM-1213	13	\$8.13	JHWSTM-1218	18	\$10.47	JHWSTM-1223	23	\$10.94
JHWSTM-1214	14	\$8.31	JHWSTM-1219	19	\$10.91	JHWSTM-1224	24	\$10.91



## 1/2" Drive, 12 Point Deep Length Metric Sockets

Part#	Size	Price	Part#	Size	Price	Part#	Size	Price
JHWSMD-1213	13	\$14.79	JHWSMD-1217	17	\$14.36	JHWSMD-1222	22	\$16.91
JHWSMD-1214	14	\$14.85	JHWSMD-1218	18	\$14.36	JHWSMD-1224	24	\$18.09
JHWSMD-1215	15	\$14.06	JHWSMD-1219	19	\$14.36	JHWSMD-1227	27	\$19.15
JHWSMD-1216	16	\$14.36	JHWSMD-1221	21	\$16.07	JHWSMD-1230	30	\$20.61



## 1/2" Drive, Shallow Length Fractional Impact Sockets

Part#	Size	Price	Part#	Size	Price	Part#	Size	Price
JHW4-612	3/8	\$6.78	JHW4-622	11/16	\$8.40	JHW4-632	1	\$12.23
JHW4-614	7/16	\$6.89	JHW4-624	3/4	\$8.40	JHW4-634	1-1/16	\$14.21
JHW4-616	1/2	\$6.99	JHW4-626	13/16	\$10.23	JHW4-636	1-1/8	\$14.27
JHW4-618	9/16	\$6.99	JHW4-628	7/8	\$10.40	JHW4-640	1-1/4	\$16.88
JHW4-620	5/8	\$7.46	JHW4-630	15/16	\$11.61			



## 1/2" Drive, Deep Length Fractional Impact Sockets

Part#	Size	Price	Part#	Size	Price	Part#	Size	Price
JHW14-612	3/8	\$12.02	JHW14-624	3/4	\$13.40	JHW14-636	1-1/8	\$23.28
JHW14-614	7/16	\$12.02	JHW14-626	13/16	\$13.40	JHW14-640	1-1/4	\$25.42
JHW14-616	1/2	\$12.02	JHW14-628	7/8	\$14.84	JHW14-642	1-5/16	\$27.09
JHW14-618	9/16	\$12.36	JHW14-630	15/16	\$14.84	JHW14-644	1-3/8	\$29.86
JHW14-620	5/8	\$12.36	JHW14-632	1	\$16.91	JHW14-646	1-7/16	\$30.20
JHW14-622	11/16	\$12.36	JHW14-634	1-1/16	\$19.35	JHW14-648	1-1/2	\$31.93



## 1/2" Drive, Shallow Length Metric Impact Sockets

Part#	Size	Price	Part#	Size	Price	Part#	Size	Price
JHW4M-610	10	\$7.46	JHW4M-616	16	\$8.10	JHW4M-622	22	\$11.99
JHW4M-611	11	\$7.56	JHW4M-617	17	\$8.27	JHW4M-623	23	\$12.32
JHW4M-612	12	\$7.64	JHW4M-618	18	\$8.31	JHW4M-624	24	\$12.90
JHW4M-613	13	\$7.70	JHW4M-619	19	\$9.59	JHW4M-627	27	\$15.72
JHW4M-614	14	\$7.80	JHW4M-620	20	\$10.16			
JHW4M-615	15	\$7.97	JHW4M-621	21	\$10.67			



## 1/2" Drive, Deep Length Metric Impact Sockets

Part#	Size	Price	Part#	Size	Price	Part#	Size	Price
JHW14M-610	10	\$12.93	JHW14M-616	16	\$13.53	JHW14M-621	21	\$15.88
JHW14M-611	11	\$12.93	JHW14M-617	17	\$14.07	JHW14M-622	22	\$16.03
JHW14M-612	12	\$12.99	JHW14M-618	18	\$14.28	JHW14M-623	23	\$16.86
JHW14M-613	13	\$12.99	JHW14M-619	19	\$14.55	JHW14M-624	24	\$17.49
JHW14M-614	14	\$13.34	JHW14M-620	20	\$14.06	JHW14M-627	27	\$19.88
JHW14M-615	15	\$13.53						



# 1/2" Sockets & Accessories



## 1/2" Drive, TURBOSOCKET® Fractional Salvage Sockets

Part#	Size	Price	Part#	Size	Price
JHWT50750	3/4	\$29.35	JHWT50937	15/16	\$31.56
JHWT50812	13/16	\$30.20	JHWT50100	1	\$32.27
JHWT50875	7/8	\$30.89			



## 1/2" Drive, TURBOSOCKET® Metric Salvage Sockets

Part#	Size	Price	Part#	Size	Price	Part#	Size	Price
JHWT51551	14	\$27.95	JHWT51669	17	\$29.86	JHWT51750	19 (3/4")	\$30.89
JHWT51591	15	\$28.65	JHWT51709	18	\$30.71	JHWT51827	21	\$31.93
JHWT51625	16 (5/8")	\$29.35						

## Enclosed Head Ratchets

Part#	Size	Price
JHWS-52EHA	10-1/4"	\$64.00
JHWS-52EHLA	15"	\$70.00

## Flex Head Ratchets

Part#	Size	Price
JHWS-52EHFA	14.25"	\$87.00

## Speeder Handle

Part#	Size	Price
JHWS-15A	18-7/8"	\$39.51

## Flex Handle

Part#	Size	Price
JHWS-41AA	17"	\$52.00

## Drive Extensions

Part#	Size	Price
JHWS-102P	2"	\$12.66
JHWS-110P	5-1/2"	\$15.44
JHWS-115P	10"	\$19.88

## Ratchet Spinner

Part#	Size	Price
JHWS-70		\$26.84

## Universal Joint

Part#	Price
JHWS-140A	\$27.92

Adapters See Page 29

Sockets

Sockets

## 3/4" Sockets & Accessories

WILLIAMS



SAE

### 29 Pc, 3/4" Drive, 12 Point Socket and Drive Fractional Tool Set

(Set Includes entire listing below)

Part# JHWWSH-29TB = \$1,202.00

- Fractional Shallow Length Sizes: 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4", 1-5/16", 1-3/8", 1-7/16", 1-1/2", 1-9/16", 1-5/8", 1-11/16", 1-3/4", 1-13/16", 1-7/8", 2", 2-1/8", 2-3/16", 2-1/4", 2-3/8"
- Accessories: 19" Sliding T-Handle, 22" Flex Handle, 20" Ratchet, 3" Extension, 8" Extension, 16" Extension, Universal Joint



Call for Freight Price

### 18 Pc, 3/4" Drive, 6 Point, Standard Fractional Impact Socket Set

(Set Includes entire listing below)

Part# JHWS-6-18TB = \$601.00

- Fractional Shallow Length Sizes: 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4", 1-5/16", 1-3/8", 1-7/16", 1-1/2", 1-5/8", 1-3/4", 1-13/16", 1-7/8", 2"
- Accessories: 7" Extension, U-Joint



Call for Freight Price

SAE

### 3/4" Drive, 12 Point Shallow Length Fractional Chrome Sockets



SAE

Part#	Size	Price	Part#	Size	Price	Part#	Size	Price	Part#	Size	Price
JHWH-1228	7/8	\$19.15	JHWH-1240	1-1/4	\$21.29	JHWH-1252	1-5/8	\$34.51	JHWH-1268	2-1/8	\$59.00
JHWH-1230	15/16	\$19.15	JHWH-1242	1-5/16	\$24.16	JHWH-1254	1-11/16	\$37.61	JHWH-1270	2-3/16	\$63.00
JHWH-1232	1	\$18.97	JHWH-1244	1-3/8	\$27.37	JHWH-1256	1-3/4	\$40.19	JHWH-1272	2-1/4	\$76.00
JHWH-1234	1-1/16	\$19.15	JHWH-1246	1-7/16	\$27.80	JHWH-1258	1-13/16	\$42.62	JHWH-1276	2-3/8	\$85.00
JHWH-1236	1-1/8	\$19.50	JHWH-1248	1-1/2	\$29.35	JHWH-1260	1-7/8	\$45.54			
JHWH-1238	1-3/16	\$19.68	JHWH-1250	1-9/16	\$33.80	JHWH-1264	2	\$48.99			

### 3/4" Drive, 6 Point Shallow Length Fractional Impact Sockets



SAE

Part#	Size	Price	Part#	Size	Price	Part#	Size	Price	Part#	Size	Price
JHW6-628A	7/8	\$18.80	JHW6-636	1-1/8	\$22.02	JHW6-644	1-3/8	\$25.96	JHW6-656	1-3/4	\$33.66
JHW6-630A	15/16	\$18.80	JHW6-638	1-3/16	\$23.09	JHW6-646	1-7/16	\$27.22	JHW6-658	1-13/16	\$34.17
JHW6-632A	1	\$19.15	JHW6-640	1-1/4	\$23.09	JHW6-648	1-1/2	\$27.22	JHW6-660	1-7/8	\$34.84
JHW6-634A	1-1/16	\$21.14	JHW6-642	1-5/16	\$25.23	JHW6-652	1-5/8	\$32.44	JHW6-664	2	\$45.20

## 3/4" Sockets & Accessories

WILLIAMS



### Sliding T-Handle

Part#	Size	Price
JHWH-20A	19-1/4"	\$96.00

### Flex Handle

Part#	Size	Price
JHWH-41AA	22-1/8"	\$117.00

### Reversible Ratchet

Part#	Size	Price
JHWH-51B	20-1/8"	\$152.00

### Drive Extensions

Part#	Size	Price
JHWH-104	3"	\$29.67
JHWH-110	8"	\$53.00
JHWH-115	16"	\$69.00

### Universal Joint

Part#	Price
JHWH-140A	\$77.00

### Impact Extension

Part#	Size	Price
JHW6-107	7"	\$67.00

### Impact Universal Joint

Part#	Price
JHW6-140B	\$92.00

Adapters See Page 29

## 1" Sockets & Accessories

### 21 Pc, 1" Drive, 12 Point Socket and Drive Fractional Tool Set

(Set Includes entire listing below)

Part# JHWSX-21TB = \$1,996.00

- Fractional Shallow Length Sizes: 1-1/2", 1-5/8", 1-13/16", 1-7/8", 2", 2-3/16", 2-1/4", 2-3/8", 2-1/2", 2-9/16", 2-5/8", 2-3/4", 2-15/16", 3"
- Accessories: 20" Sliding T-Handle, 34-3/16" Flex Handle, 20" Ratchet, 8" Extension, 16" Extension



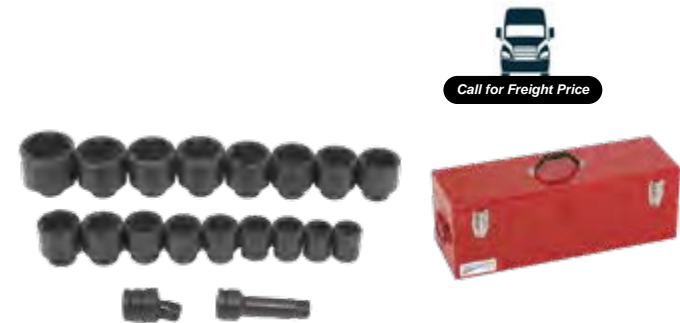
Call for Freight Price

### 19 Pc, 1" Drive, 6 Point, Standard Fractional Impact Socket Set

(Set Includes entire listing below)

Part# JHWS-7-19TB = \$2,017.00

- Fractional Shallow Length Sizes: 1-1/2", 1-5/8", 1-3/4", 1-7/8", 2", 2-1/8", 2-1/4", 2-3/8", 2-1/2", 2-9/16", 2-5/8", 2-3/4", 2-7/8", 3", 3-1/8", 3-1/4", 3-1/2"
- Accessories: 7-3/8" Extension, U-Joint



Call for Freight Price

Sockets

WILLIAMS

Sockets

WILLIAMS

# 1" Sockets & Accessories



## 1" Drive, 12 Point Shallow Length Fractional Chrome Sockets

Part#	Size	Price	Part#	Size	Price
JHWX-1248	1-1/2	\$40.19	JHWX-1276	2-3/8	\$108.00
JHWX-1252	1-5/8	\$42.62	JHWX-1280	2-1/2	\$121.00
JHWX-1258	1-13/16	\$54.00	JHWX-1282	2-9/16	\$130.00
JHWX-1260	1-7/8	\$62.00	JHWX-1284	2-5/8	\$141.00
JHWX-1264	2	\$68.00	JHWX-1288	2-3/4	\$156.00
JHWX-1270	2-3/16	\$87.00	JHWX-1294	2-15/16	\$179.00
JHWX-1272	2-1/4	\$94.00	JHWX-1296	3	\$196.00



## 1" Drive, 6 Point Shallow Length Fractional Impact Sockets

Part#	Size	Price	Part#	Size	Price
JHW7-648	1-1/2	\$58.00	JHW7-682	2-9/16	\$112.00
JHW7-652	1-5/8	\$58.00	JHW7-684	2-5/8	\$120.00
JHW7-656	1-3/4	\$58.00	JHW7-688	2-3/4	\$128.00
JHW7-660	1-7/8	\$59.00	JHW7-692	2-7/8	\$140.00
JHW7-664	2	\$59.00	JHW7-696	3	\$168.00
JHW7-668	2-1/8	\$65.00	JHW7-6100	3-1/8	\$177.00
JHW7-672	2-1/4	\$69.00	JHW7-6104	3-1/4	\$183.00
JHW7-676	2-3/8	\$89.00	JHW7-6112	3-1/2	\$225.00
JHW7-680	2-1/2	\$108.00			



### Sliding T-Handle

Part#	Size	Price
JHWX-20	20"	\$98.00



### Flex Handle

Part#	Size	Price
JHW-41C	34-3/16"	\$201.00



### Reversible Ratchet

Part#	Size	Price
JHWX-51B	20"	\$244.00



### Drive Extensions

Part#	Size	Price
JHWX-110	9"	\$63.00
JHWX-115	17"	\$109.00



### Impact Extension

Part#	Size	Price
JHW7-107	7"	\$112.00



### Impact Universal Joint

Part#	Price
JHW7-140B	\$141.00



**Adapters** See Page 29

# Hand and Impact Drive Adapters



## 6 Pc, 3/8" Drive Fractional Adapter Set

(Set Includes entire listing below)

Part# JHWWSB-6ADPA = \$88.00

- Fractional Hand Drive Sizes: 1/4" F x 3/8" M, 3/8" F x 1/4" M, 3/8" F x 1/2" M
- Fractional Impact Drive Sizes: 1/2" F x 3/8" M, 1/2" F x 3/4" M, 3/4" F x 1/2" M

Hand Drive | Impact Drive



## Hand Drive Adapters

Part#	Size	Price
JHWMB-130	1/4" Drive 1/4" Female x 3/8" Male	\$7.40
JHWMB-131BA	1/4" Drive 1/4" Male x 3/8" Female	\$9.35
JHWBS-130	3/8" Drive 1/2" Male x 3/8" Female	\$7.80

Part#	Size	Price
JHWSH-130	1/2" Drive 1/2" Female x 3/4" Male	\$13.20
JHWSH-131BF	1/2" Drive 3/4" Female x 1/2" Male	\$18.27
JHWHNX-130	3/4" Drive 3/4" Female x 1" Male	\$28.82
JHWHNX-131	3/4" Drive 3/4" Male x 1" Female	\$42.11



## Impact Drive Adapters

Part#	Size	Price
JHW4-2F	1/2" Drive 1/2" Female x 3/8" Male	\$12.90
JHW4-6	1/2" Drive 1/2" Female x 3/4" Male	\$19.50
JHW6-4A	3/4" Drive 3/4" Female x 1/2" Male	\$27.75
JHW7-6	1" Drive 1" Female x 3/4" Male	\$44.32

# Adjustable Wrenches



Made in Spain



## Big Mouth Adjustable Wrenches

Extra-wide opening jaws with shorter handle for maximum access in confined areas

Part#	Size	Max Jaw Opening	Price
9029 RUS	6"	1-1/4"	\$28.96
9031 RUS	8"	1-1/2"	\$27.82
9033 RUS	10"	1-3/4"	\$64.00
9035 RUS	12"	2-3/16"	\$75.00

Made in Spain



## Combination Adjustable / Pipe

Unique reversible jaw combines the functions of an adjustable and pipe wrenches. Simply reverse the jaw to change the grip. Teeth are aggressively angled to provide maximum gripping power. Slim head with tapered jaws combine easy accessibility with extra turning strength.

Part#	Size	Price
9072 RPC US	10	\$44.90



## Crowfoot Wrenches



### 10 Pc, 3/8" Drive, Open End Fractional Crowfoot Wrench Set

(Set Includes entire listing below)

Part# JHWWSBCO-10 = \$244.00

- Fractional Sizes: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 1"



SAE

### 10 Pc, 3/8" Drive, Open End Metric Crowfoot Wrench Set

(Set Includes entire listing below)

Part# JHWWSBCOM-10 = \$231.00

- Metric Sizes: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm



MM

### 3/8" Drive, Open End Fractional Crowfoot Wrenches

Part#	Size	Price	Part#	Size	Price
JHWBCO12	3/8	\$23.81	JHWBCO22	11/16	\$26.49
JHWBCO14	7/16	\$23.81	JHWBCO24	3/4	\$26.66
JHWBCO16	1/2	\$24.16	JHWBCO26	13/16	\$27.03
JHWBCO18	9/16	\$24.16	JHWBCO28	7/8	\$27.22
JHWBCO20	5/8	\$24.89	JHWBCO32	1	\$28.46



SAE

### 3/8" Drive, Open End Metric Crowfoot Wrenches

Part#	Size	Price	Part#	Size	Price
JHWBCOM10	10	\$23.81	JHWBCOM15	15	\$24.89
JHWBCOM11	11	\$23.97	JHWBCOM16	16	\$24.89
JHWBCOM12	12	\$24.16	JHWBCOM17	17	\$25.05
JHWBCOM13	13	\$24.35	JHWBCOM18	18	\$26.49
JHWBCOM14	14	\$24.51	JHWBCOM19	19	\$26.49



MM

### 7 Pc, 1/2" Drive, Open End Fractional Crowfoot Wrench Set

(Set Includes entire listing below)

Part# JHWWSSCOE-7 = \$290.00

- Fractional Sizes: 15/16", 1", 1-1/16", 1-1/8", 1-1/4", 1-7/16", 1-1/2"



SAE

### 1/2" Drive, Open End Fractional Crowfoot Wrenches

Part#	Size	Price	Part#	Size	Price
JHWSCOE30	15/16	\$31.93	JHWSCOE40	1-1/4	\$43.32
JHWSCOE32	1	\$33.29	JHWSCOE46	1-7/16	\$57.00
JHWSCOE34	1-1/16	\$37.27	JHWSCOE48	1-1/2	\$58.00



SAE



## Standard Wrenches



SUPERCOMBO® open end has specially designed grooves that direct wrench force away from fastener corners SUPERTORQUE® box opening design allows application of higher torque without rounding or deforming hex fastener points. No contact is made at the corners. Instead, wrenching forces are placed on the flat surfaces behind the points. Meets or exceeds aerospace specification AS 954 for 12 point fasteners (as defined by AS 870) to provide accurate torque/tension relationship for precision application. May be used on all common hex (6 point) fasteners with considerable advantage over conventional box end wrenches to increase both hand tool flexibility and economy. Box and open end openings are identical.

### 11 Pc Set - 12 Point Fractional SUPERCOMBO® (Chrome)

(Set Includes entire listing below)

Part# JHWWS-1171SCA = \$249.00

- Fractional Sizes: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1"



SAE

### 15 Pc Set - 12 Point Fractional SUPERCOMBO® (Chrome)

(Set Includes entire listing below)

Part# JHWWS-1172SCA = \$415.00

- Fractional Sizes: 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-1/4"



SAE

### 10 Pc Set - 12 Point Fractional SUPERCOMBO® (Chrome/Satin)

(Set Includes entire listing below)

Part# JHWWS-1174TA = \$1,038.00

- Fractional Sizes: 1-5/16", 1-3/8", 1-7/16", 1-1/2", 1-5/8", 1-11/16", 1-3/4", 1-13/16", 1-7/8", 2"



Call for Freight Price

SAE

### 6 Pc Set - 12 Point Fractional SUPERCOMBO® (Satin)

(Set Includes entire listing below)

Part# JHWWS-1175 = \$1,325.00

- Fractional Sizes: 2-1/16", 2-1/8", 2-3/16", 2-1/4", 2-3/8", 2-1/2"



SAE

Call for Freight Price

### 18 Pc Set - 12 Point Metric SUPERCOMBO® (Chrome)

(Set Includes entire listing below)

Part# JHWMWS-18A = \$419.00

- Metric Sizes: 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24



MM

### 27 Pc Set - 6 Point Metric SUPERCOMBO® (Chrome)

(Set Includes entire listing below)

Part# JHWMWS-27TA = \$843.00

- Metric Sizes: 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 22, 23, 24, 25, 26, 27, 29, 30, 32, 34, 36



MM

Call for Freight Price







## Standard Wrenches



### 11 Pc, Fractional 12 Point SUPERCOMBO® Combination Wrench Set in 1/3 Foam Drawer Insert

(Set Includes entire listing below)

Part# JHWFWS1190SCA1 = \$220.00

- Fractional Sizes: 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8"



SAE

### 9 Pc, Fractional 12 Point SUPERCOMBO® Combination Wrench Set in 2/3 Foam Drawer Insert

(Set Includes entire listing below)

Part# JHWFWS1190SCA2 = \$601.00

- Fractional Sizes: 15/16", 1", 1-1/16", 1-1/8", 1-1/4", 1-5/16", 1-3/8", 1-7/16", 1-1/2"



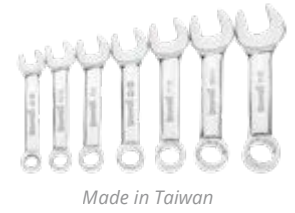
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### 7 Pc Set - 12 Point Stubby Fractional (Chrome)

(Set Includes entire listing below)

Part# JHW11030 = \$36.76

- Fractional Sizes: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"



Made in Taiwan

SAE

### 10 Pc Set - 12 Point Stubby Metric (Chrome)

(Set Includes entire listing below)

Part# JHWMWS-MS10 = \$169.00

- Metric Sizes: 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19



MM

### 10 Pc, Fractional Double Open End Angle Wrench Set in 1/3 Foam Drawer Insert

(Set Includes entire listing below)

Part# JHWF3782 = \$326.00

- Fractional Sizes: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 1"



SAE

## Ratcheting Wrenches



### 11 Pc Set 12 Pt Fractional Ratcheting Wrench

(Set Includes entire listing below)

Part# JHWS-1121NRC = \$197.00

- Fractional Sizes: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1"



SAE

Made in Taiwan

### 8 Pc Set 12 Point Fractional Reversible Ratcheting Wrench

(Set Includes entire listing below)

Part# JHWS-1168RC = \$152.00

- Fractional Sizes: 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"



SAE

Made in Taiwan

### 4 Pc Set 12 Point Fractional Reversible Ratcheting Wrench

(Set Includes entire listing below)

Part# JHWS-1164RC = \$126.00

- Fractional Sizes: 13/16", 7/8", 15/16", 1"



SAE

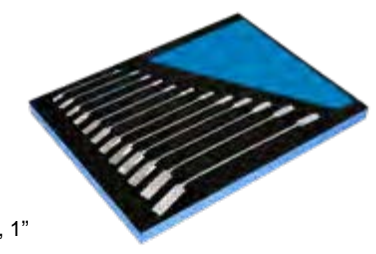
Made in Taiwan

### 12 Pc, 12 Pt Fractional Ratcheting Combination Wrench Set in 1/3 Foam Drawer Insert

(Set Includes entire listing below)

Part# JHWFWS-1152RC = \$342.00

- Fractional Sizes: 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1"



SAE

Made in Taiwan

### 8 Pc Set 12 Pt Fractional Flex Head Reversible Ratcheting Wrench

(Set Includes entire listing below)

Part# JHWS-1168RCF = \$177.00

- Fractional Sizes: 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"



SAE

Made in Taiwan

### 8 Pc, 12 Pt Fractional Reversible Ratcheting Flex-Head Wrench Set in 1/3 Foam Drawer Insert

(Set Includes entire listing below)

Part# JHWFWS1168RCF = \$226.00

- Fractional Sizes: 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"



SAE

Made in Taiwan





## Ratcheting Wrenches



### 12 Pc Set 12 Point Metric Reversible Ratcheting Wrench

(Set Includes entire listing below)

Part# JHWMWS-12RC = \$221.00

• Metric Sizes: 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm



Made in Taiwan

### 4 Pc Set - 12 Point Metric Reversible Ratcheting Wrench

(Set Includes entire listing below)

Part# JHWMWS-4RC = \$140.00

• Metric Sizes: 21, 22, 24, 25mm



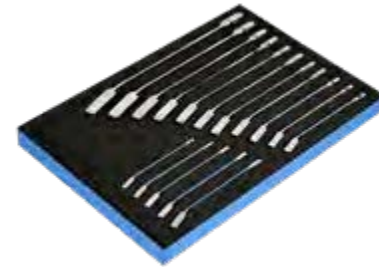
Made in Taiwan

### 16 Pc, 12 Pt Metric Ratcheting Combination Wrench Set in 1/3 Foam Drawer Insert

(Set Includes entire listing below)

Part# JHWMWS-16RC = \$418.00

• Metric Sizes: 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 25mm



Made in Taiwan

### 12 Pc Set 12 Pt Metric Flex Head Reversible Ratcheting Wrench

(Set Includes entire listing below)

Part# JHWMWS-12RCF = \$262.00

• Metric Sizes: 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm



Made in Taiwan

### 12 Pc, Metric Reversible Ratcheting Flex-Head Wrench Set in 1/3 Foam Drawer Insert

(Set Includes entire listing below)

Part# JHWMWS-12RCF = \$311.00

• Metric Sizes: 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm



Made in Taiwan

## Ratcheting Wrenches



### 12 Pt Fractional Reversible Ratcheting Wrenches



Part#	Size	Price	Part#	Size	Price
JHW1210 RC	5/16"	\$18.42	JHW1222 RC	11/16"	\$25.23
JHW1212 RC	3/8"	\$19.81	JHW1224 RC	3/4"	\$27.22
JHW1214 RC	7/16"	\$19.35	JHW1226 RC	13/16"	\$31.56
JHW1216 RC	1/2"	\$22.08	JHW1228 RC	7/8"	\$34.97
JHW1218 RC	9/16"	\$23.56	JHW1230 RC	15/16"	\$38.95
JHW1220 RC	5/8"	\$24.35	JHW1232 RC	1"	\$40.92



### 12 Pt Fractional Ratcheting Wrenches



Part#	Size	Price	Part#	Size	Price
JHW1212 NRC	3/8"	\$12.32	JHW1224 NRC	3/4"	\$19.35
JHW1214 NRC	7/16"	\$13.20	JHW1226 NRC	13/16"	\$24.16
JHW1216 NRC	1/2"	\$14.11	JHW1228 NRC	7/8"	\$24.16
JHW1218 NRC	9/16"	\$14.99	JHW1230 NRC	15/16"	\$26.11
JHW1220 NRC	5/8"	\$16.76	JHW1232 NRC	1"	\$26.11
JHW1222 NRC	11/16"	\$17.61			

### 12 Pt Metric Reversible Ratcheting Wrenches



Part#	Size	Price	Part#	Size	Price
JHW1208 MRC	8	\$19.25	JHW1216 MRC	16	\$25.42
JHW1209 MRC	9	\$19.25	JHW1217 MRC	17	\$26.36
JHW1210 MRC	10	\$18.97	JHW1218 MRC	18	\$27.31
JHW1211 MRC	11	\$19.35	JHW1219 MRC	19	\$27.22
JHW1212 MRC	12	\$20.76	JHW1221 MRC	21	\$32.99
JHW1213 MRC	13	\$22.08	JHW1222 MRC	22	\$34.97
JHW1214 MRC	14	\$23.56	JHW1224 MRC	24	\$38.95
JHW1215 MRC	15	\$25.42	JHW1225 MRC	25	\$39.15



### 4-Pc Ratcheting Adapter Set

Part# JHWWWS4RWA = \$57.00

- Sizes: 1/4" Drive Male Adaptor, 1/4" Hex Shank Coupler, 3/8" Drive Male Adaptor, 1/2 Drive Male Adaptor
- Converts a ratcheting wrench into a ratchet
- To be used with Ratcheting Combination Wrenches
- Allows the use of hex bits, -1/4", -3/8", -1/2" Drive Sockets
- Adaptor locks into the wrench by twisting the top cap
- Push-button socket release

Made in Taiwan



### 12 Pt Fractional Flex Head Reversible Ratcheting Wrenches



Part#	Size	Price	Part#	Size	Price
JHW1210 RCF	5/16"	\$19.35	JHW1218 RCF	9/16"	\$26.18
JHW1212 RCF	3/8"	\$19.35	JHW1220 RCF	5/8"	\$27.03
JHW1214 RCF	7/16"	\$20.57	JHW1222 RCF	11/16"	\$27.80
JHW1216 RCF	1/2"	\$24.51	JHW1224 RCF	3/4"	\$30.20

Made in Taiwan



### 12 Pt Metric Flex Head Reversible Ratcheting Wrenches

Part#	Size	Price	Part#	Size	Price
JHW1208 MRCF	8	\$19.35	JHW1214 MRCF	14	\$25.05
JHW1209 MRCF	9	\$19.35	JHW1215 MRCF	15	\$25.42
JHW1210 MRCF	10	\$19.35	JHW1216 MRCF	16	\$27.03
JHW1211 MRCF	11	\$19.68	JHW1217 MRCF	17	\$27.80
JHW1212 MRCF	12	\$21.14	JHW1218 MRCF	18	\$29.50
JHW1213 MRCF	13	\$23.44	JHW1219 MRCF	19	\$30.20



## Standard Wrenches



### 12 Pt Fractional Wrenches (Satin)

Part#	Size	Price
JHW1208SC	1/4"	\$13.94
JHW1210SC	5/16"	\$13.94
JHW1212SC	3/8"	\$14.82
JHW1214SC	7/16"	\$14.39
JHW1216SC	1/2"	\$15.22
JHW1218SC	9/16"	\$16.88
JHW1220SC	5/8"	\$18.97
JHW1222SC	11/16"	\$20.41
JHW1224SC	3/4"	\$22.75
JHW1226SC	13/16"	\$24.35
JHW1228SC	7/8"	\$27.80
JHW1230SC	15/16"	\$30.52
JHW1232SC	1"	\$36.76
JHW1234SC	1-1/16"	\$43.65
JHW1236SC	1-1/8"	\$51.00
JHW1240SC	1-1/4"	\$60.00
JHW1242	1-5/16"	\$67.00
JHW1244	1-3/8"	\$73.00
JHW1246	1-7/16"	\$81.00
JHW1248	1-1/2"	\$94.00
JHW1180	1-5/8"	\$106.00
JHW1182	1-11/16"	\$117.00
JHW1184	1-3/4"	\$127.00
JHW1186	1-13/16"	\$134.00
JHW1188	1-7/8"	\$149.00
JHW1190	2"	\$166.00
JHW1191	2-1/16"	\$186.00
JHW1192	2-1/8"	\$211.00
JHW1193	2-3/16"	\$223.00
JHW1194	2-1/4"	\$227.00
JHW1195	2-3/8"	\$287.00
JHW1197	2-1/2"	\$301.00



### 12 Pt Metric Wrenches (Chrome)

Part#	Size	Price
JHW1206MSC	6	\$16.45
JHW1207MSC	7	\$16.63
JHW1208MSC	8	\$15.95
JHW1209MSC	9	\$15.53
JHW1210MSC	10	\$15.47
JHW1211MSC	11	\$15.75
JHW1212MSC	12	\$16.41
JHW1213MSC	13	\$17.26
JHW1214MSC	14	\$18.09
JHW1215MSC	15	\$19.50
JHW1216MSC	16	\$20.61
JHW1217MSC	17	\$22.75
JHW1218MSC	18	\$23.63
JHW1219MSC	19	\$24.70
JHW1220MSC	20	\$26.66
JHW1221MSC	21	\$30.20
JHW1222MSC	22	\$31.93
JHW1223MSC	23	\$33.66
JHW1224MSC	24	\$37.08
JHW1225MSC	25	\$40.70
JHW1226MSC	26	\$42.43
JHW1227MSC	27	\$49.69
JHW1229MSC	29	\$54.00
JHW1230MSC	30	\$56.00
JHW1232MSC	32	\$65.00
JHW1234MSC	34	\$67.00
JHW1236MSC	36	\$85.00



### 12 Pt Stubby Metric Wrenches (Chrome)

Part#	Size	Price
JHW1208M	8	\$14.90
JHW1209M	9	\$15.06
JHW1210M	10	\$15.06
JHW1211M	11	\$15.88
JHW1212M	12	\$15.88
JHW1213M	13	\$15.88
JHW1214M	14	\$17.79
JHW1215M	15	\$17.79
JHW1217M	17	\$22.02
JHW1219M	19	\$27.37



### 12 Pt Stubby Fractional Wrenches (Chrome)

Part#	Size	Price
JHW11312	3/8"	\$5.34
JHW11314	7/16"	\$5.57
JHW11316	1/2"	\$6.08
JHW11318	9/16"	\$6.59
JHW11320	5/8"	\$7.37
JHW11322	11/16"	\$7.86
JHW11324	3/4"	\$9.66



## Spanner Wrenches

### 6 Pc Set Adjustable Pin Spanner Wrench

(Set Includes entire listing below)  
Part# JHWWS-476 = \$284.00

• Includes Part# JHW0-471, JHW0-471A, JHW0-472, JHW0-472A, JHW0-474, JHW0-474A



### 6 Pc, Adjustable Pin Spanner Wrench Set in 1/3 Foam Drawer Insert

(Set Includes entire listing below) Part# JHWFWS-476 = \$316.00

• Part# JHW0-471, JHW0-471A, JHW0-472, JHW0-472A, JHW0-474, JHW0-474A



### Adjustable Pin Spanner Wrenches

Part#	Span Dia.	Pin Dia.	Price	Part#	Span Dia.	Pin Dia.	Price
JHW0-471	3/4" x 2"	1/8"	\$38.12	JHW0-472A	1-1/4" x 3"	1/4"	\$43.13
JHW0-471A	3/4" x 2"	3/16"	\$38.12	JHW0-474	2" x 4-3/4"	1/4"	\$59.00
JHW0-472	1-1/4" x 3"	3/16"	\$43.13	JHW0-474A	4-1/2" x 6-1/4"	3/8"	\$64.00



### 4 Pc Set Adjustable Hook Spanner Wrench

(Set Includes entire listing below)  
Part# JHWWS-474 = \$201.00

• Includes Part# JHW471, JHW472, JHW474, JHW474A



### 5 Pc Adjustable Hook Spanner Wrench Set in 1/3 Foam Drawer Insert

(Set Includes entire listing below) Part# JHWFWS-475 = \$300.00

• Includes Part# JHW471, JHW472, JHW474, JHW474A, JHW474B



### Adjustable Hook Spanner Wrenches

Part#	Span Diameter	Price	Part#	Span Diameter	Price
JHW471	3/4" x 2"	\$36.23	JHW474A	4-1/2" x 6-1/4"	\$61.00
JHW472	1-1/4" x 3"	\$41.07	JHW474B	6-1/8" x 8-3/4"	\$73.00
JHW474	2" x 4-3/4"	\$57.00			



### 3 Pc Set Adjustable Face Spanner Wrench

(Set Includes entire listing below)  
Part# JHWWS-483 = \$147.00

• Includes Part# JHW482, JHW483, JHW484



### 3 Pc, Adjustable Face Spanner Wrench Set in 1/3 Foam Drawer Insert

(Set Includes entire listing below)

Part# JHWFWS-483 = \$190.00

• Includes Part# JHW482, JHW483, JHW484



### Adjustable Face Spanner Wrenches

Part#	Span Diameter	Pin Diameter	Price	Part#	Span Diameter	Pin Diameter	Price
JHW482	2"	3/16"	\$32.44	JHW484	4"	5/16"	\$68.00
JHW483	3"	1/4"	\$47.45				



WILLIAMS

## Torque Wrenches

- Dual scale, calibrated dual direction
- Positive lock w/ spring loaded pull down lock ring
- Fast, accurate and easy to set
- Easy-to-read laser marked scale

Part#	Drive Size	Range	Price
1002MFRPH	3/8"	10-100 ft. lb.	\$255.00
2503MFRPHW	1/2"	30-250 ft. lb.	\$311.00
6004MFRPHW	3/4"	100-600 ft. lb.	\$819.00



## Pipe Wrenches

### Universal Pipe Wrenches

- Black oxide and anti-rust treated high alloy steel provide long life and durability.
- Precision induction hardened jaws are designed with inwardly angled aggressive teeth.
- Outer part of jaw is large toothed and used for maximum grip on large diameter pipes.
- Inner part of jaw is fine toothed and used for maximum grip on small diameter pipes.
- Commonly called a "Swedish Pipe Wrench", the small head makes them ideal for working in confined areas.



Part#	Overall Length	Max Jaw Opening	Pipe Maximum Diameter	Price
JHW140	8.4375"	1.1875"	3/4"	\$56.00
JHW141	11"	1.375"	1"	\$62.00
JHW142	14.5"	2.0625"	1.5"	\$82.00
JHW143	21.875"	3.0625"	2.5"	\$158.00

## Chisels & Punches

### 22 Pc, Chisels & Punches Set in 2/3 Foam Drawer Insert

(Set Includes entire listing below)

Part# JHWFPCRS-23 = \$354.00

- Includes Punch / Chisel Holder, 5" Cold Chisels, 5 1/2" Cold Chisels, 6" Cold Chisels, 6 1/2" Cold Chisels, 7" Cold Chisels, 5 5/8" Cape Chisels, 3/8" Diamond Point Chisels, 5" Solid Punches 1/8", 5" Solid Punches 5/32", 5" Solid Punches 3/16", 9" Long Taper Punches, 12" Long Taper Punches, 6" Prick Punch, 4 3/4" Pin Punches, 5" Center Punches, 5 1/4" Pin Punches, 5 3/4" Pin Punches, 16" Heavy Duty Roll Bars, 18" Heavy Duty Roll Bars, 24" Heavy Duty Pinch Bars, 18" Heavy Duty 7/8" Flat Pinch Bars



WILLIAMS



## Screwdrivers

### 8 Pc, Endurogrip™ Combination Screwdriver Set in 1/3 Foam Drawer Insert

(Set Includes entire listing below)

Part# JHWF100P-8MD = \$126.00

- Includes Electrician's 3", Electrician's 6", Phillips 1 pt 3", Phillips 2 pt 4", Phillips 3 pt 6", Round 4", Round 6", Round 8"



### 19 Pc, Endurogrip™ and Supertorque™ Combination Screwdriver Set

(Set Includes entire listing below)

Part# JHW100P-19MD = \$187.00

- 6-11/16" Cabinet Slotted 3/16", 9-11/16" Cabinet Slotted 3/16", 6" Cabinet Slotted 1/8", 9" Cabinet Slotted 1/8", 11-3/4" Cabinet Slotted 5/32"
- 6-1/8" Keystone Slotted 3/16", 3-1/2" Keystone Slotted 1/4" Stubby, 7-7/8" Keystone Slotted 1/4", 10-11/16" Keystone Slotted 5/16", 12-11/16" Keystone Slotted 3/8", 17-13/16" Keystone Slotted 3/8"
- 6-1/2" Philips #0, 7-3/4" Philips #1, 6-1/4" Philips #1, 7-15/16" Philips #2, 12" Philips #2, 10-1/2" Philips #3, 10-3/4" Philips 4, 3-1/2" Philips #2 Stubby



### 6 Pc, Supertorque™ Torx® Screwdriver Set

(Set Includes entire listing below)

Part# JHWSPRS-6T = \$75.00

- 7-1/4" Torx® T10, 7-1/4" Torx® T15, 7-3/4" Torx® T20, 8-1/4" Torx® T25, 8-1/4" Torx® T27, 8-1/4" Torx® T30





### 8 Pc, Endurogrip™ Mixed Screwdriver Set

(Set Includes entire listing below)

Part# JHW100P-8MD = \$76.00

- 7-7/8" Keystone Slotted 1/4", 10-11/16" Keystone Slotted 5/16", 12-3/4" Keystone Slotted 3/8"
- 6-1/4" Philips #1, 7-15/16" Philips #2, 10-1/2" Philips #3
- 6-11/16" Cabinet Slotted 3/16", 9-11/16" Cabinet Slotted 3/16"



### Endurogrip™ Cabinet Slotted Screwdrivers

Part#	Size	Price
JHWSDE-43	3"	\$9.18
JHWSDE-46	6"	\$9.66



### Supertorque™ Cabinet Slotted Screwdrivers

Part#	Size	Price
JHWSPR-C-18-3	3"	\$9.99
JHWSPR-C-18-4	4"	\$10.74
JHWSPR-C-52-6	6"	\$10.43



### Endurogrip™ Keystone Slotted Screwdrivers

Part#	Size	Price
JHWSDS-62	Stubby - 1-3/4"	\$8.27
JHWSDR-22	3"	\$9.02
JHWSDR-24	4"	\$9.83
JHWSDR-26	6"	\$11.64
JHWSDR-28	8"	\$13.74
JHWSDS-33	12"	\$20.23



### SuperTorque™ Phillips® Screwdrivers with (3) Component Comfort Grip Handles

Part#	Size	Price
JHWSPR-P-0-3	#0 - 6-1/2"	\$8.78
JHWSPR-P-1-3	#1 - 5-11/16"	\$11.69



### Endurogrip™ Phillips Screwdrivers with Round Blades

Part#	Size	Price
JHWSDP-2-ST	2 Pt - 1-1/2"	\$8.85
JHWSDP-1-3	1 Pt - 3"	\$8.85
JHWSDP-2-4	2 Pt - 4"	\$11.64
JHWSDP-2-8	2 Pt - 8"	\$14.93
JHWSDP-3-6	3 Pt - 6"	\$14.79
JHWSDP-4-6	4 Pt - 6"	\$16.45



### SuperTorque™ TORX® Screwdrivers with (3) Component Comfort Grip Handle

Part#	Size	Price
JHWSPR-T-10-3	T10 x 3"	\$10.23
JHWSPR-T-15-4	T15 x 4"	\$13.17
JHWSPR-T-20-4	T20 x 4"	\$13.17
JHWSPR-T-25-5	T25 x 5"	\$13.17
JHWSPR-T-27-5	T27 x 5"	\$13.17
JHWSPR-T-30-6	T30 x 6"	\$14.99



## Hammers

### Fiberglass Handle Ball Pein

Part#	Size	Price
JHW20544	16 oz.	\$19.15
JHW20545	24 oz.	\$21.29
JHW20546	32 oz.	\$23.97



### Fiberglass Handle Drilling

Part#	Size	Price
JHW20678	32 oz.	\$22.37



### Deadblow Hammers

Part#	Size	Price
JHWJHW-24	24 oz.	\$39.85
JHWJHW-32	32 oz.	\$46.41
JHWJHW-48	48 oz.	\$61.00





## Locking Pliers

### Curved Locking Pliers Cutter



Part#	Size	Price
JHW23301	5"	\$7.23
JHW23303	10"	\$10.94

### Locking C-Clamp with Swivel Pad



Part#	Size	Price
JHW23222	6"	\$11.72
JHW23223	9"	\$18.09
JHW23224	11"	\$22.02

## Heavy Duty Retaining Ring Pliers & Tips

- (2) 0.108" Straight Tips, (2) 0.108" 15° Tips, (2) 0.108" 45° Tips, (2) 0.108" 90° Tips, (2) 0.120" Straight Tips, (2) 0.120" 15° Tips, (2) 0.120" 45° Tips, (2) 0.120" 90° Tips,

Part#	Price
JHWPL-529	\$207.00



## Telescoping Magnetic Pick Up Tools



Part#	Capacity	Price
JHW40152	5 lbs.	\$19.15
JHW40153	10 lbs.	\$25.42

## Inspection Mirror



Part#	Size	Price
JHW40253	2-1/4"	\$15.50

## 4-Ton Maintenance Kit

- Sets are portable for easy use in the plant or on job site
- Custom fit, rugged blow molded storage case
- Designed for applications of pushing, spreading, pressing
- Pumps are rated from 8,000 to 10,000 PSI

Part#	Price
JHW 4M04T	\$878.00

**Kit Includes:** Hand Pump, Ram, Hose Assembly, Hose Coupler, Ram Coupler, Case, Hydraulic Spreader, 90° Combination Head, Rubber Head, Ram Toe, Plunger Toe, Flat Base, Serrated Saddle, Wedge Head, Male Connector, 6-1/8", 8-1/2", 16-1/2" & 19-1/2" Extension Tubes



Call for Freight Price



## Adjustable Pipe Chain Wrench



Part#	Size	Price
JHWCW-4	15"	\$49.69



## Socket Sets

### 15 Pc, 3/8" Drive, 6 Point, Shallow Fractional Socket & Drive Tool Set

(Set Includes entire listing below) Part# JHW50663 = \$48.48

- (1) 7 3/4" Pear Head Ratchet, (1) 3" Extension, (1) 6" Extension, (1) Universal Joint
- 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8" Size Sockets



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### 15 Pc, 3/8" Drive, 6 Point, Shallow Metric Socket and Drive Tool Set

(Set Includes entire listing below) Part# JHW50665 = \$45.90

- (1) 7 3/4" Pear Head Ratchet, (1) 3" Extension, (1) 6" Extension, (1) Universal Joint
- 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 Size Sockets



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### 23 Pc, 1/2" Drive, 12 Point, Shallow & Deep Fractional Socket & Drive Tool Set

(Set Includes entire listing below)

Part# JHW50668 = \$137.00

- (1) 9 7/8" Pear Head Ratchet, (1) 15 1/2" Flex Handle, (1) 6" Extension
- 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8" Size Deep Sockets
- 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-1/4" Size Shallow Sockets



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### 61 Pc, 1/2" Drive SAE & METRIC Socket & Tool Set

Part# JHW50617A = \$326.00

- (1) Ratchet, (1) 3" Extension, (1) 6" Extension, (1) 10" Extension, (1) 15-1/2" Flex Handle, (1) Universal Joint, (1) Adapter, (1) 1/2" F x 3/4" M Adapter
- 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4" Size SAE Shallow Sockets
- 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32 Size METRIC Shallow Sockets
- 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4" Size SAE 12 Pt Combo Wrenches
- 6, 8, 10, 12, 13, 14, 15, 17, 19 Size METRIC 12 Pt Combo Wrenches
- Screwdrivers: 3/16" x 4" Slotted, 1/4" x 4" Slotted, #1 x 3" Philips, #2 x 4" Philips



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Socket Sets



Pliers





# GP is EVERYTHING IMPACT.

Made in Taiwan



GP "High Torque" drive offers many benefits.



GP Tools carry a Lifetime Warranty.



All GP Sockets feature extra-large size markings for quick identification.

Grey Pneumatic (GP) through our distributors supplies the world's automotive, industrial, assembly, mining, maintenance, construction, and energy industries with heavy duty, high quality impact and specialty sockets. We carry a complete line of Impact Socket sets and individuals from 1/4" drive thru 2-1/2" and #5 spline drive with hex sizes up to 8". We also offer a large selection of star impact drivers, impact hex drivers, triple square drivers, torque limiting extensions plus impact chisels and accessories.

GP sockets and tools are made in Taiwan using the highest quality chrome-molybdenum alloy steel and state-of-the-art manufacturing processes and equipment. Thorough and exact heat treatment, as well as rigid quality control, ensures the correct balance of strength and durability to deliver outstanding performance at the most competitive cost.

### All GP Impact Sockets feature the GP "High Torque" Drive

**Increased Strength** - Transfers the pressure from the thinnest part of the socket wall toward the thicker section, resulting in increased strength.

**Increased Torque** - Allows up to 20% more torque to be applied than on standard hex impact sockets.

**Easier Access to Tight Areas** - The shift in pressure allows us to reduce the socket wall thickness, increasing access to tight areas.

**Reduced Wear** - Our impact sockets grip the fastener across a broader contact area, reducing the chance of rounding off fasteners.



## 1/4" Sockets & Accessories

### 48 Pc - 1/4" Drive Standard and Deep Length Fractional & Metric Impact Set

Part# 9748 = \$141.00 (Set Includes entire listing below)

- Fractional Standard Length Sizes: 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16"
- Fractional Deep Length Sizes: 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16"
- Metric Standard Length Sizes: 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 4.5, 5.5mm
- Metric Deep Length Sizes: 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 mm



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### 1/4" Drive, Deep Fractional & Metric Impact Sockets



Part#	Size	Price
906DS	3/16	\$4.11
907DS	7/32	\$4.11
908DS	1/4	\$4.11
909DS	9/32	\$4.11
910DS	5/16	\$4.11
911DS	11/32	\$4.72
912DS	3/8	\$4.72
914DS	7/16	\$4.72
916DS	1/2	\$5.33
918DS	9/16	\$5.33
904MDS	4mm	\$4.11
945MDS	4.5mm	\$4.11
905MDS	5mm	\$4.11
955MDS	5.5mm	\$4.11
906MDS	6mm	\$4.11
907MDS	7mm	\$4.11
908MDS	8mm	\$4.70
909MDS	9mm	\$4.72
910MDS	10mm	\$4.70
911MDS	11mm	\$4.88
912MDS	12mm	\$4.88
913MDS	13mm	\$4.46
914MDS	14mm	\$5.54
915MDS	15mm	\$5.63

### 1/4" Drive, Standard Fractional & Metric Impact Sockets



Part#	Size	Price
906RS	3/16	\$2.91
907RS	7/32	\$2.91
908RS	1/4	\$2.91
909RS	9/32	\$2.91
910RS	5/16	\$2.91
911RS	11/32	\$3.07
912RS	3/8	\$3.57
914RS	7/16	\$3.57
916RS	1/2	\$3.57
918RS	9/16	\$3.57
904MS	4mm	\$3.07
945MS	4.5mm	\$2.91
905MS	5mm	\$2.91
955MS	5.5mm	\$2.91
906MS	6mm	\$2.91
907MS	7mm	\$2.91
908MS	8mm	\$2.91
909MS	9mm	\$2.91
910MS	10mm	\$3.57
911MS	11mm	\$3.57
912MS	12mm	\$3.57
913MS	13mm	\$3.57
914MS	14mm	\$3.57
915MS	15mm	\$3.73



2023 PRODUCT CATALOG



## 3/8" Sockets & Accessories



### 9 Pc - 3/8" Drive Standard Length Magnetic Impact Set

Part# 1209G = \$66.00

(Set Includes entire listing below)

- Fractional Standard Length Sizes: 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"



On a Metal Clip Rail

SAE

### 24 Pc - 3/8" Drive Standard Length Magnetic Impact Set

Part# 1224G = \$147.00

(Set Includes entire listing below)

- Fractional Standard Length Sizes: 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"
- Metric Standard Length Sizes: 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm
- Accessories: 3" Extension, 3/8" x 3/8" Universal Joint



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MM

### 26 Pc - 3/8" Drive Standard and Deep Length Metric Impact Set

Part# 1226M = \$75.00

(Set Includes entire listing below)

- Metric Standard Length Sizes: 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm
- Metric Deep Length Sizes: 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm



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MM

### 29 Pc - 3/8" Drive Deep Length Fractional & Metric Impact Set

Part# 1229DM = \$139.00

(Set Includes entire listing below)

- Fractional Deep Length Sizes: 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1"
- Metric Deep Length Sizes: 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22mm
- Accessories: 3" Extension, 3/8" x 3/8" Universal Joint, 1/2" F x 3/8" M Adapter



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## 3/8" Sockets & Accessories



### 43 Pc - 3/8" Drive Standard and Deep Length Fractional & Metric Impact Set

Part# 1243RD = \$147.00

(Set Includes entire listing below)

- Fractional Standard Length Sizes: 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"
- Fractional Deep Length Sizes: 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"
- Metric Standard Length Sizes: 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm
- Metric Deep Length Sizes: 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm
- Accessories: 3" Extension, 3/8" x 3/8" Universal Joint, 1/4" Hex x 3/8" Square Adapter

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### 81 Pc - 3/8" Drive Standard & Deep Length Fractional & Metric Impact Set

Part# 1281 = \$518.00

(Set Includes entire listing below)

- Fractional Standard Length Sizes: 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1"
- Fractional Deep Length Sizes: 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1"
- Metric Standard Length Sizes: 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22mm
- Metric Deep Length Sizes: 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22mm
- Fractional Standard Length Universal Sizes: 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1"
- Metric Standard Length Universal Sizes: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm
- Accessories: 3" Extension, 3/8" x 3/8" Universal Joint, 1/4" Hex Drive x 3/8" Friction Ball Adapter

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### 24 Pc - 3/8" Drive Standard & Deep Length Fractional Impact Set

Part# 1224RD = \$94.00

(Set Includes entire listing below)

- Fractional Deep Length Sizes: 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1"
- Fractional Standard Length Sizes: 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1"

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### 12 Pc - 3/8" Drive Deep Length Fractional Impact Set

Part# 1213D = \$55.00 (Set Includes entire listing below)

- Fractional Deep Length Sizes: 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1"

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## 3/8" Sockets & Accessories



**3/8" Drive, Deep Fractional & Metric Impact Sockets**

Part#	Size	Price
1010D	5/16	\$4.67
1012D	3/8	\$4.67
1014D	7/16	\$4.67
1016D	1/2	\$4.67
1018D	9/16	\$4.62
1020D	5/8	\$5.66
1022D	11/16	\$5.79
1024D	3/4	\$6.22
1026D	13/16	\$6.90
1028D	7/8	\$7.33
1030D	15/16	\$9.42
1032D	1"	\$9.81
1008MD	8mm	\$4.67
1009MD	9mm	\$4.67
1010MD	10mm	\$4.67
1011MD	11mm	\$4.67
1012MD	12mm	\$4.67
1013MD	13mm	\$4.62
1014MD	14mm	\$4.62
1015MD	15mm	\$4.90
1016MD	16mm	\$5.66
1017MD	17mm	\$5.79
1018MD	18mm	\$6.16
1019MD	19mm	\$6.22
1020MD	20mm	\$6.90
1021MD	21mm	\$7.26
1022MD	22mm	\$7.38



**3/8" Drive, Standard Fractional & Metric Impact Sockets**

Part#	Size	Price
1010R	5/16	\$2.98
1012R	3/8	\$2.98
1014R	7/16	\$2.98
1016R	1/2	\$2.98
1018R	9/16	\$3.12
1020R	5/8	\$3.63
1022R	11/16	\$3.63
1024R	3/4	\$3.82
1026R	13/16	\$4.64
1028R	7/8	\$4.72
1030R	15/16	\$8.03
1032R	1"	\$8.03
1008M	8mm	\$2.98
1009M	9mm	\$2.98
1010M	10mm	\$2.98
1011M	11mm	\$2.98
1012M	12mm	\$2.98
1013M	13mm	\$2.98
1014M	14mm	\$3.12
1015M	15mm	\$3.38
1016M	16mm	\$3.63
1017M	17mm	\$3.63
1018M	18mm	\$3.63
1019M	19mm	\$3.82
1020M	20mm	\$4.64
1021M	21mm	\$4.64
1022M	22mm	\$4.72



**3/8" Drive, Standard Fractional & Metric Universal Impact Sockets**

Part#	Size	Price
1010U	5/16	\$16.52
1012U	3/8	\$16.52
1014U	7/16	\$16.52
1016U	1/2	\$16.52
1018U	9/16	\$17.20
1020U	5/8	\$17.20
1022U	11/16	\$17.20
1024U	3/4	\$17.74
1026U	13/16	\$17.63
1028U	7/8	\$18.27
1030U	15/16	\$20.10
1032U	1"	\$21.91
1010UM	10mm	\$16.52
1011UM	11mm	\$16.52
1012UM	12mm	\$16.52
1014UM	13mm	\$16.52
1015UM	14mm	\$17.14
1016UM	15mm	\$17.20
1017UM	16mm	\$17.20
1018UM	17mm	\$17.20
1019UM	18mm	\$17.20
9109D	19mm	\$17.74



**3/8" Drive Accessories**

Part#	Size	Description	Price
1129UJ	3/8 Universal Joint	Universal Joint	\$17.44
1140E	1 3/4 Extension	Extension	\$7.33
1143E	3" Extension	Extension	\$7.33
1146E	6" Extension	Extension	\$11.17



**6 Pc - 3/8" Drive Friction Ball Adapter/Extension Set**

Part# 1100 = \$45.73

(Set Includes entire listing below)

- Accessories: 3/8" Female x 1/4" Male Adapter, 3/8" Female x 1/2" Male Adapter, 3/8" Universal Joint, 1-3/4" Extension, 3" Extension, 6" Extension

## 1/2" Sockets & Accessories



**13 Pc - 1/2" Drive Standard Length Fractional Impact Set**

Part# 1312 = \$54.00 (Set Includes entire listing below)

- Fractional Standard Length Sizes: 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-1/4"



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**13 Pc - 1/2" Drive Deep Length Fractional Impact Set**

Part# 1312D = \$91.00 (Set Includes entire listing below)

- Fractional Deep Length Sizes: 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-1/4"



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**19 Pc - 1/2" Drive Deep Length Fractional Impact Set**

Part# 1319D = \$180.00 (Set Includes entire listing below)

- Fractional Deep Length Sizes: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4", 1-5/16", 1-3/8", 1-7/16", 1-1/2"



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**24 Pc - 1/2" Drive Deep Length Fractional Impact Set**

Part# 1324D = \$227.00 (Set Includes entire listing below)

- Fractional Deep Length Sizes: 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4", 1-5/16", 1-3/8", 1-7/16", 1-1/2"
- Accessories: 1/2" x 1/2" Universal Joint, 3" Extension, 5" Extension, 10" Extension



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**28 Pc - 1/2" Drive Standard & Deep Length Fractional Impact Set**

Part# 1328RD = \$172.00 (Set Includes entire listing below)

- Fractional Deep Sizes: 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-1/4"
- Fractional Standard Sizes: 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-1/4"
- Accessories: 1/2" x 1/2" Universal Joint, 3" Extension



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**13 Pc - 1/2" Drive Extra-Deep Fractional Set**

Part# 1313XD = \$268.95 (Set Includes entire listing below)

- Fractional Extra-Deep Length Sizes: 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-1/4", 1-5/16"



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**26 Pc - 1/2" Drive Standard Metric Impact Set**

Part# 1326M = \$130.00 (Set Includes entire listing below)

- Metric Standard Length Sizes: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32, 33, 34, 35, 36mm



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**26 Pc - 1/2" Drive Deep Length Metric Impact Set**

Part# 1326MD = \$230.00 (Set Includes entire listing below)

- Metric Deep Length Sizes: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32, 33, 34, 35, 36mm



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Sockets



Sockets



# 1/2" Sockets & Accessories



## 14 Pc - 1/2" Drive Deep Length Metric Impact Set

Part# 1412MD = \$90.00 (Set Includes entire listing below)

- Metric Deep Length Sizes: 10,11,12,13,14,15,16,17,18,19,21,22,26,27mm



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## 30 Pc - 1/2" Drive Standard and Deep Length Metric Impact Set

Part# 1430MRD = \$166.00 (Set Includes entire listing below)

- Metric Deep Length Sizes: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24 mm
- Metric Standard Length Sizes: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24 mm
- Accessories: 1/2" x 1/2" Universal Joint, 3" Extension



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## 30 Pc - 1/2" Drive Deep Length Fractional & Metric Impact Set

Part# 1512DM = \$193.00 (Set Includes entire listing below)

- Fractional Deep Length Sizes: 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-1/4"
- Metric Deep Length Sizes: 10,11,12,13,14,15,16,17,18,19,21,22,26,27mm
- Extra-Thin Wall Flip Sockets: 3/4" x 13/16", 19 x 21mm
- Accessories: 3" Extension



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## 12 Pc - 1/2" Drive Deep Length Extra-Thin Wall Impact Set

Part# 1500DW = \$122.00 (Set Includes entire listing below)

- Fractional Extra-Thin Wall Sizes: 3/4", 13/16", 7/8", 1", 1-1/16"
- Metric Extra-Thin Wall Sizes: 17, 19, 21, 22, 23mm
- Extra-Thin Wall Flip Sockets(s): 3/4 x 13/16", 19 x 21mm



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## 14 Pc - 1/2" Drive Standard Length Universal Set

Part# 1314U = \$252.00 (Set Includes entire listing below)

- Fractional Standard Length Sizes: 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4"



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## 13 Pc - 1/2" Drive Standard Length Universal Set

Part# 1313UM = \$213.00 (Set Includes entire listing below)

- Metric Standard Length Sizes: 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24 mm



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## 5 Pc - 1/2" Drive Deep Length Axle Nut Metric Impact Set

Part# 1705SN = \$87.00 (Set Includes entire listing below)

- Metric Standard Length Sizes: 30, 32, 34, 35, 36mm



Molded Storage Case



# 1/2" Sockets & Accessories



## 1/2" Drive, Deep Fractional & Metric Impact Sockets

Part#	Size	Price	Part#	Size	Price	Part#	Size	Price
2010D	5/16	\$8.34	2038D	1-3/16	\$17.37	2010MD	10mm	\$8.34
2012D	3/8	\$8.34	2040D	1-1/4	\$18.89	2011MD	11mm	\$8.34
2014D	7/16	\$8.34	2042D	1-5/16	\$18.95	2012MD	12mm	\$8.34
2016D	1/2	\$8.34	2044D	1-3/8	\$20.10	2013MD	13mm	\$8.66
2018D	9/16	\$8.66	2046D	1-7/16	\$20.08	2014MD	14mm	\$8.66
2020D	5/8	\$8.62	2048D	1-1/2	\$21.16	2015MD	15mm	\$10.02
2022D	11/16	\$10.00	2050D	1-9/16"	\$31.42	2016MD	16mm	\$10.13
2024D	3/4	\$10.02	2052D	1-5/8"	\$34.34	2017MD	17mm	\$10.02
2026D	13/16	\$11.14	2054D	1-11/16"	\$36.22	2018MD	18mm	\$10.13
2028D	7/8	\$11.73	2056D	1-3/4"	\$39.08	2019MD	19mm	\$10.02
2030D	15/16	\$14.10	2058D	1-13/16"	\$42.59	2020MD	20mm	\$11.14
2032D	1"	\$15.22	2060D	1-7/8"	\$43.22	2021MD	21mm	\$11.14
2034D	1-1/16	\$16.20	2062D	1-15/16"	\$43.20	2022MD	22mm	\$11.73
2036D	1-1/8	\$16.26	2064D	2"	\$46.09	2024MD	24mm	\$14.10



## 1/2" Drive Extra-Deep Fractional Impact Sockets

Part#	Size	Price	Part#	Size	Price	Part#	Size	Price
2016XD	1/2"	\$18.84	2024XD	3/4"	\$20.99	2032XD	1"	\$29.55
2018XD	9/16"	\$18.78	2026XD	13/16"	\$22.57	2034XD	1-1/16"	\$31.19
2020XD	5/8"	\$18.78	2028XD	7/8"	\$24.12	2036XD	1-1/8"	\$32.76
2022XD	11/16"	\$19.91	2030XD	15/16"	\$25.81	2040XD	1-1/4"	\$36.51
						2042XD	1-5/16"	\$40.24



## 6 Pc 1/2" Drive Friction Ball Adapter/Extension Set

Part# 2200 = \$74.00 (Set Includes entire listing below)

- Adapters: 1/2" Female x 3/8" Male, 1/2" Female x 3/4" Male
- Accessories: 3" Extension, 5" Extension, 7" Extension, 1/2" x 1/2" Universal Joint



Molded Storage Case

## 4 Pc 1/2" Drive Standard & Deep Friction Ball Extension Set

Part# 2204E = \$63.00 (Set Includes entire listing below)

- 3", 5", 7" and 10" Lengths



Molded Storage Case

## 1/2" Drive Accessories

Part#	Size	Socket	Drive	Price
2243E	3"	Extension	1/2	\$9.20
2245E	5"	Extension	1/2	\$13.30
2247E	7"	Extension	1/2	\$20.91
2210E	10"	Extension	1/2	\$26.68
2229UJ	1/2 Universal Joint	Universal Joint	1/2	\$24.82
2146DT	3/4 & 16/16	Flip Socket	1/2	\$11.17
2192DT	19mm & 21mm	Flip Socket	1/2	\$11.17

## 5 Pc 1/2" Drive Torque Limiting Extension Set

Part# 2805TK = \$154.00 (Set Includes entire listing below)

Part#	Size	Price	Part#	Size	Price
28065	65 ft lbs	\$33.83	28120	120 ft lbs	\$33.83
28080	80 ft lbs	\$33.83	28140	140 ft lbs	\$33.83
28100	100 ft lbs	\$33.83			



Sockets



Sockets

# 3/4" Sockets & Accessories



## 14 Pc - 3/4" Drive Standard Length Fractional Impact Set

Part# 8038 = \$155.00 (Set Includes entire listing below)

- Fractional Standard Length Sizes: 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4", 1-5/16", 1-3/8", 1-7/16", 1-1/2", 1-5/8"



SAE  
Molded Storage Case

## 14 Pc - 3/4" Drive Deep Length Fractional Impact Set

Part# 8038D = \$226.00 (Set Includes entire listing below)

- Fractional Deep Length Sizes: 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4", 1-5/16", 1-3/8", 1-7/16", 1-1/2", 1-5/8"



SAE  
Molded Storage Case

## 29 Pc - 3/4" Drive Standard Length Fractional Impact Set

Part# 8029 = \$685.00 (Set Includes entire listing below)

- Fractional Standard Length Sizes: 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4", 1-5/16", 1-3/8", 1-7/16", 1-1/2", 1-9/16", 1-5/8", 1-11/16", 1-3/4", 1-13/16", 1-7/8", 1-15/16", 2", 2-1/16", 2-1/8", 2-3/16", 2-1/4", 2-5/16", 2-3/8", 2-7/16", 2-1/2"



SAE  
Molded Storage Case

## 29 Pc - 3/4" Drive Deep Length Fractional Impact Set

Part# 8029D = \$928.00 (Set Includes entire listing below)

- Fractional Deep Length Sizes: 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4", 1-5/16", 1-3/8", 1-7/16", 1-1/2", 1-9/16", 1-5/8", 1-11/16", 1-3/4", 1-13/16", 1-7/8", 1-15/16", 2", 2-1/16", 2-1/8", 2-3/16", 2-1/4", 2-5/16", 2-3/8", 2-7/16", 2-1/2"



SAE  
Molded Storage Case

## 26 Pc - 3/4" Drive Standard Length Length Metric Impact Set

Part# 8026M = \$405.00 (Set Includes entire listing below)

- Metric Standard Length Sizes: 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 38, 40, 41, 42, 43, 44, 46, 50mm



MM  
Molded Storage Case

## 26 Pc - 3/4" Drive Deep Length Length Metric Impact Set

Part# 8026MD = \$611.00 (Set Includes entire listing below)

- Metric Deep Length Sizes: 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 38, 40, 41, 42, 43, 44, 46, 50mm



MM  
Metal Case

# 3/4" Sockets & Accessories



## 3/4" Drive, Deep Fractional & Metric Impact Sockets



Part#	Size	Price
3024D	3/4	\$17.87
3026D	13/16	\$17.87
3028D	7/8	\$17.87
3030D	15/16	\$17.87
3032D	1"	\$18.00
3034D	1-1/16	\$19.12
3036D	1-1/8	\$19.12
3038D	1-3/16	\$19.12
3040D	1-1/4	\$20.10
3042D	1-5/16	\$23.80
3044D	1-3/8	\$23.96
3046D	1-7/16	\$24.35
3048D	1-1/2	\$27.71
3050D	1-9/16	\$28.69
3052D	1-5/8	\$29.69
3054D	1-11/16	\$32.42
3056D	1-3/4	\$33.80
3058D	1-13/16	\$35.84
3060D	1-7/8	\$35.78
3062D	1-15/16	\$38.68
3064D	2"	\$38.95
3066D	2-1/16	\$55.00
3068D	2-1/8	\$59.00
3070D	2-3/16	\$66.00
3072D	2-1/4	\$67.00
3074D	2-5/16	\$74.00
3076D	2-3/8	\$82.00
3078D	2-7/16	\$83.00
3080D	2-1/2	\$86.00

Part#	Size	Price
3019MD	19mm	\$19.12
3020MD	20mm	\$19.12
3021MD	21mm	\$19.12
3022MD	22mm	\$19.12
3023MD	23mm	\$19.12
3024MD	24mm	\$19.12
3025MD	25mm	\$19.12
3026MD	26mm	\$19.82
3027MD	27mm	\$20.30
3028MD	28mm	\$20.51
3029MD	29mm	\$21.16
3030MD	30mm	\$21.16
3031MD	31mm	\$21.16
3032MD	32mm	\$24.53
3033MD	33mm	\$25.12
3034MD	34mm	\$25.12
3035MD	35mm	\$25.56
3036MD	36mm	\$26.13
3038MD	38mm	\$26.70
3040MD	40mm	\$30.73
3041MD	41mm	\$31.18
3042MD	42mm	\$33.55
3043MD	43mm	\$37.34
3044MD	44mm	\$37.91
3046MD	46mm	\$39.51
3050MD	50mm	\$48.77

## 3/4" Drive, Standard Fractional & Metric Impact Sockets



Part#	Size	Price
3024R	3/4	\$13.20
3026R	13/16	\$13.20
3028R	7/8	\$13.20
3030R	15/16	\$13.20
3032R	1"	\$13.20
3034R	1-1/16	\$13.20
3036R	1-1/8	\$13.20
3038R	1-3/16	\$13.20
3040R	1-1/4	\$14.13
3042R	1-5/16	\$15.66
3044R	1-3/8	\$15.63
3046R	1-7/16	\$16.43
3048R	1-1/2	\$16.77
3050R	1-9/16	\$22.68
3052R	1-5/8	\$24.10
3054R	1-11/16	\$27.83
3056R	1-3/4	\$28.75
3058R	1-13/16	\$30.50
3060R	1-7/8	\$31.10
3062R	1-15/16	\$32.23
3064R	2"	\$34.80
3066R	2-1/16	\$39.43
3068R	2-1/8	\$41.25
3070R	2-3/16	\$44.28
3072R	2-1/4	\$46.03
3074R	2-5/16	\$48.39
3076R	2-3/8	\$53.00
3078R	2-7/16	\$53.00
3080R	2-1/2	\$54.00

Part#	Size	Price
3019M	19mm	\$12.56
3020M	20mm	\$12.56
3021M	21mm	\$12.56
3022M	22mm	\$12.56
3023M	23mm	\$12.56
3024M	24mm	\$12.56
3025M	25mm	\$12.56
3026M	26mm	\$12.56
3027M	27mm	\$12.56
3028M	28mm	\$12.56
3029M	29mm	\$13.97
3030M	30mm	\$13.98
3031M	31mm	\$13.98
3032M	32mm	\$14.43
3033M	33mm	\$15.20
3034M	34mm	\$15.30
3035M	35mm	\$15.40
3036M	36mm	\$15.45
3038M	38mm	\$15.65
3040M	40mm	\$21.16
3041M	41mm	\$23.95
3042M	42mm	\$25.50
3043M	43mm	\$26.93
3044M	44mm	\$29.52
3046M	46mm	\$32.71
3050M	50mm	\$33.97

## 4-Pc 3/4" Drive Impact Extension Set



Molded Storage Case

Part# 3304E = \$122.00

(Set Includes entire listing below)

- Set contains 4 extensions in 3", 7", 10" and 13" lengths.

## 3/4" Drive Accessories



Part#	Size	Socket	Drive	Price
3003EB	3"	Extension	3/4	\$22.57
3007EB	7"	Extension	3/4	\$27.71
3010EB	10"	Extension	3/4	\$38.68
3013EB	13"	Extension	3/4	\$46.61
3006UJ	3/4" Drive x 3/4" Pin Hole	U-Joint	3/4	\$64.21

## 3/4" Drive Standard Length Budd Impacts

Part#	Size	Price
3313S	13/16" Square - 4 Point	\$17.15
3315S	15/16" Square - 4 Point	\$17.72
3317S	17mm Square - 4 Point	\$17.80



## 3/4" Drive 1-1/2" x 13/16" Deep Length Budd Impact

Part# 3223C = \$39.09



Sockets

Sockets



# 1" Sockets & Accessories



## 21 Pc - 1" Drive Standard Length Fractional Impact Set

Part# 9021 = \$510.00 (Set Includes entire listing below)

- Fractional Standard Length Sizes: 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4", 1-5/16", 1-3/8", 1-7/16", 1-1/2", 1-9/16", 1-5/8", 1-11/16", 1-3/4", 1-13/16", 1-7/8", 1-15/16", 2"



Metal Case

## 16 Pc - 1" Drive Standard Length Fractional Impact Set

Part# 9016 = \$1,054.00 (Set Includes entire listing below)

- Fractional Standard Length Sizes: 2-1/16", 2-1/8", 2-3/16", 2-1/4", 2-5/16", 2-3/8", 2-7/16", 2-1/2", 2-9/16", 2-5/8", 2-11/16", 2-3/4", 2-13/16", 2-7/8", 2-15/16", 3"



Metal Case

## 11 Pc - 1" Drive Standard Length Fractional Impact Set

Part# 9011 = \$2,253.00 (Set Includes entire listing below)

- Fractional Standard Length Sizes: 3-1/8", 3-1/4", 3-3/8", 3-1/2", 3-5/8", 3-3/4", 3-7/8", 4", 4-1/8", 4-1/4", 4-1/2"



Metal Case

## 21 Pc - 1" Drive Deep Length Fractional Impact Set

Part# 9021D = \$708.00 (Set Includes entire listing below)

- Fractional Deep Length Sizes: 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4", 1-5/16", 1-3/8", 1-7/16", 1-1/2", 1-9/16", 1-5/8", 1-11/16", 1-3/4", 1-13/16", 1-7/8", 1-15/16", 2"



Metal Case

## 16 Pc - 1" Drive Deep Length Fractional Impact Set

Part# 9016D = \$1,509.00 (Set Includes entire listing below)

- Fractional Deep Length Sizes: 2-1/16", 2-1/8", 2-3/16", 2-1/4", 2-5/16", 2-3/8", 2-7/16", 2-1/2", 2-9/16", 2-5/8", 2-11/16", 2-3/4", 2-13/16", 2-7/8", 2-15/16", 3"



Metal Case

## 11 Pc - 1" Drive Deep Length Fractional Impact Set

Part# 9011D = \$3,292.00 (Set Includes entire listing below)

- Fractional Deep Length Sizes: 3-1/8", 3-1/4", 3-3/8", 3-1/2", 3-5/8", 3-3/4", 3-7/8", 4", 4-1/8", 4-1/4", 4-1/2"



Metal Case

## 26 Pc - 1" Drive Standard Length Metric Impact Set

Part# 9026M = \$663.00 (Set Includes entire listing below)

- Metric Standard Length Sizes: 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44mm



Metal Case

## 20 Pc - 1" Drive Standard Length Metric Impact Set

Part# 9020M = \$1,011.00 (Set Includes entire listing below)

- Metric Standard Length Sizes: 45, 46, 47, 48, 50, 51, 52, 53, 54, 55, 56, 57, 58, 60, 62, 63, 65, 67, 70, 75mm



Metal Case

# 1" Sockets & Accessories



## 11 Pc - 1" Drive Standard Length Metric Impact Set

Part# 9011M = \$2,606.00 (Set Includes entire listing below)

- Metric Standard Length Sizes: 76, 77, 78, 80, 85, 90, 95, 100, 105, 110, 115mm



Metal Case

## 26 Pc - 1" Drive Deep Length Metric Impact Set

Part# 9026MD = \$834.00 (Set Includes entire listing below)

- Metric Deep Length Sizes: 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44mm



Metal Case

## 20 Pc - 1" Drive Deep Length Metric Impact Set

Part# 9020MD = \$1,470.00 (Set Includes entire listing below)

- Metric Deep Length Sizes: 45, 46, 47, 48, 50, 51, 52, 53, 54, 55, 56, 57, 58, 60, 62, 63, 65, 67, 70, 75mm



Metal Case

## 11 Pc - 1" Drive Deep Length Metric Impact Set

Part# 9011MD = \$3,723.00 (Set Includes entire listing below)

- Metric Deep Length Sizes: 76, 77, 78, 80, 85, 90, 95, 100, 105, 110, 115mm



Metal Case

## 1" Drive Retaining Pins

- Part# 4520 = \$2.62 - Use w/ sockets 3/4 - 1 11/16 (19mm - 44mm)
- Part# 4521 = \$2.26 - Use w/ sockets 1 3/4 - 2 13/16 (45mm - 70mm)
- Part# 4523 = \$4.62 - Use w/ sockets 2 7/8 - 4" (75mm - 110mm)
- Part# 4524 = \$4.62 - Use w/ sockets 4 1/8 - 4 1/2 (115mm)

## 1" Drive O-Rings

- Part# 4510 = \$2.26 - Use w/ sockets 3/4 - 1 11/16 (19mm - 44mm)
- Part# 4511 = \$2.53 - Use w/ sockets 1 3/4 - 2 1/8 (45mm - 54mm)
- Part# 4512 = \$3.17 - Use w/ sockets 2 3/16 - 2 13/16 (55mm - 70mm)
- Part# 4513 = \$4.62 - Use w/ sockets 2 7/8 - 4 (75mm - 100mm)
- Part# 4514 = \$4.93 - Use w/ sockets 4 1/8 - 4 1/2 (105mm - 115mm)

## 1" Drive Retaining Rings

- Part# 4110 = \$10.30 - Use w/ sockets 3/4 - 1 11/16 (19mm - 44mm)
- Part# 4111 = \$10.30 - Use w/ sockets 1 3/4 - 2 1/8 (45mm - 54mm)
- Part# 4112 = \$10.30 - Use w/ sockets 2 3/16 - 2 13/16 (55mm - 70mm)

## 1" Drive Accessories

Part#	Price
4006UJ	1" Drive x 1" Male Universal Joint w/ Pin Hole \$78.00

## 1" Drive Deep Length Budd Impacts

Part#	Size	Price
4313SL	13/16" Deep Square - 4 Point	\$40.06

## 1" Drive Standard Length Budd Impacts

Part#	Size	Price
4315S	15/16" Square - 4 Point	\$25.68
4317S	17mm Square - 4 Point	\$25.42
4319S	19mm Square - 4 Point	\$25.42

## 1" Drive Pin Hole Extension

Part#	Size	Price
4003E	3" Length	\$33.29
4007E	7" Length	\$42.21
4010E	10" Length	\$53.00

Sockets

Sockets

# 1" Sockets & Accessories



## 1" Drive, Standard Fractional & Metric Impact Sockets



## 1" Drive, Deep Fractional & Metric Impact Sockets



Part#	Size	Price	Part#	Size	Price	Part#	Size	Price	Part#	Size	Price	Part#	Size	Price	Part#	Size	Price
4024R	3/4"	\$22.64	4019M	19mm	\$25.96	4047M	47mm	\$37.24	4024D	3/4"	\$30.56	4019MD	19mm	\$32.33	4047MD	47mm	\$51.00
4026R	13/16"	\$22.64	4020M	20mm	\$25.96	4048M	48mm	\$39.92	4026D	13/16"	\$30.56	4020MD	20mm	\$32.54	4048MD	48mm	\$51.00
4028R	7/8"	\$22.64	4021M	21mm	\$25.96	4050M	50mm	\$43.68	4028D	7/8"	\$30.56	4021MD	21mm	\$32.85	4050MD	50mm	\$61.00
4030R	15/16"	\$23.01	4022M	22mm	\$26.22	4051M	51mm	\$44.12	4030D	15/16"	\$30.56	4022MD	22mm	\$33.48	4051MD	51mm	\$63.00
4032R	1"	\$23.01	4023M	23mm	\$26.22	4052M	52mm	\$45.87	4032D	1"	\$31.68	4023MD	23mm	\$34.12	4052MD	52mm	\$64.00
4034R	1-1/16"	\$23.43	4024M	24mm	\$26.71	4053M	53mm	\$46.33	4034D	1-1/16"	\$32.30	4024MD	24mm	\$34.80	4053MD	53mm	\$67.00
4036R	1-1/8"	\$23.43	4025M	25mm	\$26.71	4054M	54mm	\$47.27	4036D	1-1/8"	\$32.85	4025MD	25mm	\$34.80	4054MD	54mm	\$67.00
4038R	1-3/16"	\$23.86	4026M	26mm	\$26.71	4055M	55mm	\$52.00	4038D	1-3/16"	\$34.12	4026MD	26mm	\$34.92	4055MD	55mm	\$72.00
4040R	1-1/4"	\$24.26	4027M	27mm	\$26.71	4056M	56mm	\$56.00	4040D	1-1/4"	\$34.95	4027MD	27mm	\$34.92	4056MD	56mm	\$73.00
4042R	1-5/16"	\$24.27	4028M	28mm	\$27.25	4057M	57mm	\$57.00	4042D	1-5/16"	\$35.33	4028MD	28mm	\$35.00	4057MD	57mm	\$80.00
4044R	1-3/8"	\$24.27	4029M	29mm	\$27.25	4058M	58mm	\$59.00	4044D	1-3/8"	\$37.48	4029MD	29mm	\$35.00	4058MD	58mm	\$83.00
4046R	1-7/16"	\$24.65	4030M	30mm	\$27.25	4060M	60mm	\$65.00	4046D	1-7/16"	\$37.85	4030MD	30mm	\$35.00	4060MD	60mm	\$91.00
4048R	1-1/2"	\$24.65	4031M	31mm	\$27.25	4062M	62mm	\$69.00	4048D	1-1/2"	\$37.85	4031MD	31mm	\$35.00	4062MD	62mm	\$114.00
4050R	1-9/16"	\$25.08	4032M	32mm	\$27.25	4063M	63mm	\$69.00	4050D	1-9/16"	\$39.80	4032MD	32mm	\$35.00	4063MD	63mm	\$114.00
4052R	1-5/8"	\$25.79	4033M	33mm	\$27.25	4065M	65mm	\$73.00	4052D	1-5/8"	\$39.77	4033MD	33mm	\$35.33	4065MD	65mm	\$114.00
4054R	1-11/16"	\$26.80	4034M	34mm	\$28.26	4067M	67mm	\$79.00	4054D	1-11/16"	\$39.78	4034MD	34mm	\$37.20	4067MD	67mm	\$129.00
4056R	1-3/4"	\$30.07	4035M	35mm	\$28.26	4070M	70mm	\$91.00	4056D	1-3/4"	\$42.82	4035MD	35mm	\$37.57	4070MD	70mm	\$129.00
4058R	1-13/16"	\$31.27	4036M	36mm	\$29.00	4075M	75mm	\$133.00	4058D	1-13/16"	\$44.69	4036MD	36mm	\$37.62	4075MD	75mm	\$193.00
4060R	1-7/8"	\$34.18	4037M	37mm	\$29.13	4076M	76mm	\$154.00	4060D	1-7/8"	\$48.37	4037MD	37mm	\$37.65	4076MD	76mm	\$199.00
4062R	1-15/16"	\$38.57	4038M	38mm	\$29.29	4077M	77mm	\$159.00	4062D	1-15/16"	\$51.00	4038MD	38mm	\$37.77	4077MD	77mm	\$211.00
4064R	2"	\$39.34	4039M	39mm	\$29.29	4078M	78mm	\$160.00	4064D	2"	\$61.00	4039MD	39mm	\$39.28	4078MD	78mm	\$211.00
4066R	2-1/16	\$43.02	4040M	40mm	\$29.49	4080M	80mm	\$161.00	4066D	2-1/16	\$62.00	4040MD	40mm	\$39.35	4080MD	80mm	\$221.00
4068R	2-1/8	\$45.20	4041M	41mm	\$29.49	4085M	85mm	\$165.00	4068D	2-1/8	\$71.00	4041MD	41mm	\$39.35	4085MD	85mm	\$262.00
4070R	2-3/16	\$50.00	4042M	42mm	\$32.30	4090M	90mm	\$290.00	4070D	2-3/16	\$71.00	4042MD	42mm	\$45.21	4090MD	90mm	\$353.00
4072R	2-1/4	\$51.00	4043M	43mm	\$32.30	4095M	95mm	\$362.00	4072D	2-1/4	\$73.00	4043MD	43mm	\$49.86	4095MD	95mm	\$540.00
4074R	2-5/16	\$57.00	4044M	44mm	\$33.05	40105M	105mm	\$426.00	4074D	2-5/16	\$80.00	4044MD	44mm	\$49.86	40105MD	105mm	\$627.00
4076R	2-3/8	\$60.00	4045M	45mm	\$35.58	40110M	110mm	\$432.00	4076D	2-3/8	\$88.00	4045MD	45mm	\$49.86	40110MD	110mm	\$634.00
4078R	2-7/16	\$65.00	4046M	46mm	\$36.71	40115M	115mm	\$439.00	4078D	2-7/16	\$95.00	4046MD	46mm	\$49.86	40115MD	115mm	\$642.00
4080R	2-1/2	\$70.00							4080D	2-1/2	\$97.00						
4082R	2-9/16	\$73.00							4082D	2-9/16	\$106.00						
4084R	2-5/8	\$85.00							4084D	2-5/8	\$115.00						
4086R	2-11/16	\$85.00							4086D	2-11/16	\$121.00						
4088R	2-3/4	\$90.00							4088D	2-3/4	\$123.00						
4090R	2-13/16	\$97.00							4090D	2-13/16	\$144.00						
4092R	2-7/8	\$108.00							4092D	2-7/8	\$148.00						
4094R	2-15/16	\$108.00							4094D	2-15/16	\$166.00						
4096R	3"	\$112.00							4096D	3"	\$176.00						
4100R	3-1/8"	\$117.00							4100D	3-1/8"	\$179.00						
4104R	3-1/4"	\$124.00							4104D	3-1/4"	\$182.00						
4108R	3-3/8"	\$128.00							4108D	3-3/8"	\$207.00						
4112R	3-1/2"	\$224.00							4112D	3-1/2"	\$308.00						
4116R	3-5/8"	\$256.00							4116D	3-5/8"	\$344.00						
4120R	3-3/4"	\$256.00							4120D	3-3/4"	\$374.00						
4124R	3-7/8"	\$279.00							4124D	3-7/8"	\$414.00						
4128R	4"	\$281.00							4128D	4"	\$418.00						
4132R	4-1/8"	\$301.00							4132D	4-1/8"	\$443.00						
4136R	4-1/4"	\$306.00							4136D	4-1/4"	\$449.00						
4144R	4-1/2"	\$311.00							4144D	4-1/2"	\$454.00						



## Adapters for Pages 45-56



## Impact Drive Adapters

Part#	Size	Price
1128A*	3/8" Drive 3/8" Female x 1/4" Male*	\$7.30
1138A	3/8" Drive 3/8" Female x 1/2" Male	\$7.79
2228A*	1/2" Drive 1/2" Female x 3/8" Male*	\$9.36

Part#	Size	Price
2238A	1/2" Drive 1/2" Female x 3/4" Male	\$12.93
3009AB	3/4" Drive 3/4" Female x 1" Male	\$21.77
4009A	1" Drive 1" Female x 1-1/2" Male Adapter with Pin Hole	\$56.00
4008AB*	1" Drive 1" Female x 3/4" Male	\$29.04

\*Not Covered Under Warranty



## Friction Ball Adapters

Part#	Size	Price
1414HA	1/4" Hex x 1/4" SQ x 2" Length	\$8.19
1438HA	1/4" Hex x 3/8" SQ x 2" Length	\$9.49
1412HA	1/4" Hex x 1/2" SQ x 2" Length	\$11.73
14126HA	1/4" Hex x 1/2" SQ x 6" Length	\$14.29
14386HA	1/4" Hex x 1/2" SQ x 6" Length	\$10.50



## 3 Pc - Reducing Sleeve Adapter Set (3/8", 1/2", 3/4")

Part# 103RA = \$28.13

These Adapters reduce larger drive sizes down for use on smaller drive tools. The low profile design allows for use in a wide range of applications. A magnetic retention device keeps the adapter attached to the socket. Adapters can be stacked if additional drive reduction is needed. Designed for impact or hand tool use. These adapters do not support pin & o-ring type retention devices because holes in each drive size are positioned differently.



## 1" Drive x 1-1/2" Reducing Sleeve Adapter

Part# 4009RA = \$26.08



Sockets





Dual Purpose Sockets for the Professional Technician



The thin-wall design of chrome hand sockets has been combined with the strength and durability of GP Impact Sockets to create DUO-SOCKET. Built specifically to address the needs of the professional technician using hand tools, cordless impact tools and air tools; DUO-SOCKET provides one socket for all applications.

## 1/4" Duo Sockets & Accessories

### 53 Pc - 1/4" Drive Standard and Deep Length Duo-Socket Set

Part# 89653CRD = \$218.00 (Set Includes entire listing below)

- Fractional Standard Length Sizes: 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16"
- Fractional Deep Length Sizes: 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16"
- Metric Standard Length Sizes: 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15mm
- Metric Deep Length Sizes: 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15mm
- Accessories: 72 Tooth Quick-Release Duo Ratchet, 2" Duo Extension, 3" Duo Extension, 6" Duo Extension, Spinner Handle



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## 3/8" Duo Sockets & Accessories

### 27 Pc - 3/8" Drive Standard and Deep Length Fractional Duo-Socket Set

Part# 81627RD = \$167.00 (Set Includes entire listing below)

- Fractional Deep Length Sizes: 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1"
- Fractional Standard Length Sizes: 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1"
- Accessories: Duo Ratchet, 3" Duo Extension, 6" Duo Extension



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### 59 Pc - 3/8" Drive Standard and Deep Length Fractional & Metric Duo-Socket Set

Part# 81659CRD = \$272.00 (Set Includes entire listing below)

- Fractional Deep Length Sizes: 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1"
- Fractional Standard Length Sizes: 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1"
- Metric Deep Length Sizes: 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22mm
- Metric Standard Length Sizes: 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22mm
- Accessories: Duo Ratchet, 3" Duo Extension, 6" Duo Extension



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Dual Purpose Sockets for the Professional Technician



## 3/8" Duo Sockets & Accessories



### 3/8" Drive, Standard Fractional & Metric Impact Duo Sockets

Part#	Size	Price
81010R	5/16	\$7.23
81012R	3/8	\$7.23
81014R	7/16	\$7.23
81016R	1/2	\$7.23
81018R	9/16	\$7.55
81020R	5/8	\$8.72
81022R	11/16	\$8.72
81024R	3/4	\$9.20
81026R	13/16	\$11.01
81028R	7/8	\$11.44
81030R	15/16	\$18.46
81032R	1"	\$18.46

Part#	Size	Price
81007M	7mm	\$7.23
81008M	8mm	\$7.23
81009M	9mm	\$7.23
81010M	10mm	\$7.23
81011M	11mm	\$7.23
81012M	12mm	\$7.23
81013M	13mm	\$7.23
81014M	14mm	\$7.55
81015M	15mm	\$8.10
81016M	16mm	\$8.72
81017M	17mm	\$8.72
81018M	18mm	\$8.72
81019M	19mm	\$9.20
81020M	20mm	\$11.01
81021M	21mm	\$11.01
81022M	22mm	\$11.44



### 3/8" Drive, Deep Fractional & Metric Impact Duo Sockets

Part#	Size	Price
81010D	5/16	\$11.28
81012D	3/8	\$11.28
81014D	7/16	\$11.28
81016D	1/2	\$11.28
81018D	9/16	\$11.28
81020D	5/8	\$13.50
81022D	11/16	\$13.78
81024D	3/4	\$15.01
81026D	13/16	\$16.06
81028D	7/8	\$16.81
81030D	15/16	\$21.77
81032D	1"	\$22.66

Part#	Size	Price
81007MD	7mm	\$11.28
81008MD	8mm	\$11.28
81009MD	9mm	\$11.28
81010MD	10mm	\$11.28
81011MD	11mm	\$11.28
81012MD	12mm	\$11.28
81013MD	13mm	\$11.28
81014MD	14mm	\$11.28
81015MD	15mm	\$11.94
81016MD	16mm	\$13.50
81017MD	17mm	\$13.78
81018MD	18mm	\$14.85
81019MD	19mm	\$15.01
81020MD	20mm	\$16.06
81021MD	21mm	\$16.81
81022MD	22mm	\$16.92



### 3/8" Drive Duo Accessories

Part#	Size	Socket	Price
1872BRQ	8"	72-Tooth Duo Ratchet	\$49.51
81143E	3"	Duo Extension	\$21.25
81146E	6"	Duo Extension	\$21.80



# 1/2" Duo Sockets & Accessories



## 22 Pc - 1/2" Drive Standard Length Duo-Socket Set

Part# 82622 = \$210.00

(Set Includes entire listing below)

- Fractional Standard Length Sizes: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4", 1-5/16", 1-3/8", 1-7/16", 1-1/2"
- Accessories: 1/2" Drive Quick Release Ratchet, 3" L Duo-Socket Extension, 6" L Duo-Socket Extension



SAE

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## 22 Pc - 1/2" Drive Deep Length Duo-Socket Set

Part# 82622D = \$259.64

(Set Includes entire listing below)

- Fractional Deep Length Sizes: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4", 1-5/16", 1-3/8", 1-7/16", 1-1/2"
- Accessories: 1/2" Drive Quick Release Ratchet, 3" L Duo-Socket Extension, 6" L Duo-Socket Extension



SAE

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## 29 Pc - 1/2" Drive Standard Length Duo-Socket Set

Part# 82629M = \$247.03

(Set Includes entire listing below)

- Metric Standard Length Sizes: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32, 33, 34, 35, 36 mm
- Accessories: 1/2" Drive Quick Release Ratchet, 3" L Duo-Socket Extension, 6" L Duo-Socket Extension



MM

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## 29 Pc - 1/2" Drive Deep Length Duo-Socket Set

Part# 82629MD = \$307.54

(Set Includes entire listing below)

- Metric Deep Length Sizes: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32, 33, 34, 35, 36 mm
- Accessories: 1/2" Drive Quick Release Ratchet, 3" L Duo-Socket Extension, 6" L Duo-Socket Extension



MM

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# 1/2" Duo Sockets & Accessories



## 1/2" Drive, Standard Fractional & Metric Duo Sockets



Part#	Size	Price
82012R	3/8	\$11.70
82014R	7/16	\$11.70
82016R	1/2	\$11.70
82018R	9/16	\$11.70
82020R	5/8	\$15.57
82022R	11/16	\$15.57
82024R	3/4	\$15.57
82026R	13/16	\$15.57
82028R	7/8	\$15.92
82030R	15/16	\$20.10
82032R	1"	\$20.10
82034R	1-1/16	\$22.74
82036R	1-1/8	\$23.86
82038R	1-3/16	\$24.64
82040R	1-1/4	\$25.36
82042R	1-5/16	\$26.13
82044R	1-3/8	\$26.86
82046R	1-7/16	\$31.30
82048R	1-1/2	\$37.25

Part#	Size	Price
82010M	10mm	\$11.70
82011M	11mm	\$11.70
82012M	12mm	\$11.70
82013M	13mm	\$11.70
82014M	14mm	\$11.70
82015M	15mm	\$15.57
82016M	16mm	\$15.57
82017M	17mm	\$15.57
82018M	18mm	\$15.57
82019M	19mm	\$15.57
82020M	20mm	\$15.57
82021M	21mm	\$15.57
82022M	22mm	\$15.92
82023M	23mm	\$15.92
82024M	24mm	\$20.10
82025M	25mm	\$20.10
82026M	26mm	\$22.74
82027M	27mm	\$22.74
82028M	28mm	\$23.49
82029M	29mm	\$23.86
82030M	30mm	\$24.64
82032M	32mm	\$25.36
82033M	33mm	\$26.13
82034M	34mm	\$26.86
82035M	35mm	\$26.86
82036M	36mm	\$31.30

## 1/2" Drive, Deep Fractional & Metric Duo Sockets



Part#	Size	Price
82012D	3/8	\$16.40
82014D	7/16	\$16.40
82016D	1/2	\$16.40
82018D	9/16	\$17.08
82020D	5/8	\$18.78
82022D	11/16	\$19.85
82024D	3/4	\$20.74
82026D	13/16	\$21.92
82028D	7/8	\$24.55
82030D	15/16	\$26.70
82032D	1"	\$27.43
82034D	1-1/16	\$31.18
82036D	1-1/8	\$32.95
82038D	1-3/16	\$34.11
82040D	1-1/4	\$35.93
82042D	1-5/16	\$40.26
82044D	1-3/8	\$44.74
82046D	1-7/16	\$46.21
82048D	1-1/2	\$47.68

Part#	Size	Price
82010MD	10mm	\$16.40
82011MD	11mm	\$16.40
82012MD	12mm	\$16.40
82013MD	13mm	\$17.08
82014MD	14mm	\$17.08
82015MD	15mm	\$17.15
82016MD	16mm	\$18.78
82017MD	17mm	\$19.85
82018MD	18mm	\$19.85
82019MD	19mm	\$20.74
82020MD	20mm	\$21.92
82021MD	21mm	\$21.92
82022MD	22mm	\$24.55
82023MD	23mm	\$24.55
82024MD	24mm	\$26.70
82025MD	25mm	\$27.43
82026MD	26mm	\$27.43
82027MD	27mm	\$31.18
82028MD	28mm	\$32.95
82029MD	29mm	\$32.95
82030MD	30mm	\$34.11
82032MD	32mm	\$35.93
82033MD	33mm	\$40.26
82034MD	34mm	\$44.74
82035MD	35mm	\$44.74
82036MD	36mm	\$46.21

## 1/2" Drive Duo Accessories

Part#	Size	Socket	Price
1872BRQ	8"	72-Tooth Duo Ratchet	\$49.51
81143E	3"	Duo Extension	\$21.25
81146E	6"	Duo Extension	\$21.80



Sockets



Sockets



# 3/8" Hex Driver Impact Sockets



## 13 Pc - 3/8" Drive Standard Length Combo Hex Driver SAE/Metric Set

Part# 1298HC = \$126.00 (Set Includes entire listing below)

- Fractional Sizes: 3/16", 7/32", 1/4", 5/16", 3/8", 7/16", 1/2"
- Metric Sizes: 4, 5, 6, 7, 10, 12 mm



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## 7 Pc - 3/8" Drive, Fractional Standard Length Hex Driver Set

Part# 1297H = \$68.00 (Set Includes entire listing below)

- Fractional Sizes: 3/16", 7/32", 1/4", 5/16", 3/8", 7/16", 1/2"



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## 7 Pc - 3/8" Drive 6" Length Fractional Hex Driver Set

Part# 1267H = \$128.59

(Set Includes entire listing below)

- Fractional Sizes: 3/16", 7/32", 1/4", 5/16", 3/8", 7/16", 1/2"



On a Metal Clip Rail

## 7 Pc - 3/8" Drive 6" Length Metric Hex Driver Set

Part# 1267MH = \$125.00

(Set Includes entire listing below)

- Metric Sizes: 4, 5, 6, 7, 8, 10, 12 mm



On a Metal Clip Rail

## 3/8" Drive, Standard Length Hex Drivers

Part#	Size	Price	Part#	Size	Price
1906F	3/16"	\$11.20	1904M	4mm	\$11.20
1907F	7/32"	\$11.20	1905M	5mm	\$11.20
1908F	1/4"	\$11.20	1906M	6mm	\$11.20
1910F	5/16" / 8mm	\$11.20	1907M	7mm	\$11.20
1912F	3/8"	\$11.20	1910M	10mm	\$11.20
1914F	7/16"	\$11.20	1912M	12mm	\$11.20
1916F	1/2"	\$11.20			

## 3/8" Drive, 6" Length Hex Drivers

Part#	Size	Price	Part#	Size	Price
19066F	3/16"	\$18.93	19046M	4mm	\$18.93
19076F	7/32"	\$18.93	19056M	5mm	\$18.93
19086F	1/4"	\$18.93	19066M	6mm	\$18.93
19106F	5/16"	\$18.93	19076M	7mm	\$18.93
19126F	3/8"	\$22.52	19086M	8mm	\$18.93
19146F	7/16"	\$22.52	19106M	10mm	\$22.52
19166F	1/2"	\$22.52	19126M	12mm	\$22.52

# 1/2" Hex Driver Impact Sockets



## 18 Pc - 1/2" Drive Standard Length Combo Hex Driver SAE/Metric Set

Part# 1598HC = \$157.09 (Set Includes entire listing below)

- Fractional Sizes: 1/4", 9/32", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"
- Metric Sizes: 6, 7, 10, 12, 14, 15, 17, 18mm



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## 10 Pc - 1/2" Drive Standard Length Hex Driver Set

Part# 1398H = \$86.84 (Set Includes entire listing below)

- 1/4", 9/32", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"



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## 10 Pc - 1/2" Drive Standard Length Metric Hex Driver Set

Part# 1498MH = \$87.00

(Set Includes entire listing below)

- 6, 7, 8, 10, 12, 14, 15, 17, 18, 19 mm



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## 10 Pc - 1/2" Drive 6" Length Fractional Hex Driver Set

Part# 1360H = \$187.00

(Set Includes entire listing below)

- 1/4", 9/32", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"



On a Metal Clip Rail

## 1/2" Drive, Standard Length Hex Drivers

Part#	Size	Price
2908F	1/4	\$14.53
2909F	9/32	\$14.53
2910F	5/16 / 8mm	\$14.53
2912F	3/8	\$14.53
2914F	7/16	\$14.53
2916F	1/2	\$14.53
2918F	9/16	\$14.53
2920F	5/8 / 16mm	\$14.53
2922F	11/16	\$15.86
2924F	3/4 / 19mm	\$17.12



Part#	Size	Price
2906M	6mm	\$14.53
2907M	7mm	\$14.53
2908M	8mm	\$14.53
2910M	10mm	\$14.53
2912M	12mm	\$14.53
2914M	14mm	\$14.53
2915M	15mm	\$14.53
2917M	17mm	\$15.86
2918M	18mm	\$15.85
2919M	19mm	\$17.12

## 1/2" Drive, 6" Length Hex Drivers

Part#	Size	Price
29086F	1/4	\$20.74
29096F	9/32	\$20.74
29106F	5/16	\$20.74
29126F	3/8	\$20.74
29146F	7/16	\$21.88
29166F	1/2	\$22.52
29186F	9/16	\$28.44
29206F	5/8	\$28.44
29226F	11/16	\$28.44
29246F	3/4	\$28.44





## 3/4" Hex Driver Impact Sockets

### 6 Pc - 3/4" Drive Standard Length Fractional Hex Driver Set

Part# 8096H = \$225.41  
 (Set Includes entire listing below)  
 • 1/2", 9/16", 5/8", 3/4", 7/8", 1"

### 3/4" Drive, Standard Length Hex Drivers

Part#	Size	Price	Part#	Size	Price
3916F	1/2	\$43.69	3924F	3/4	\$43.69
3918F	9/16	\$43.69	3928F	7/8	\$43.69
3920F	5/8	\$43.69	3932F	1	\$46.23



SAE

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SAE

## 1" Hex Driver Impact Sockets

### 6 Pc - 1" Drive Standard Length Fractional Hex Driver Set

Part# 9096H = \$301.59 (Set Includes entire listing below)  
 • 3/4", 7/8", 1", 1-1/8", 1-1/4", 1-3/8"

### 6 Pc - 1" Drive Standard Length Metric Hex Driver Set

Part# 9196MH = \$264.36 (Set Includes entire listing below)  
 • 14, 17, 19, 22, 24, 27



SAE

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MM

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### 1" Drive, Standard Length Hex Drivers

SAE



### 1" Drive, Standard Length Hex Drivers

MM



Part#	Size	Price	Part#	Size	Price
4924F	3/4	\$52.00	4914M	14	\$51.93
4928F	7/8	\$52.00	4917M	17	\$51.93
4932F	1	\$52.00	4919M	19	\$51.93
4936F	1-1/8	\$52.00	4922M	22	\$51.93
4940F	1-1/4	\$68.00	4924M	24	\$51.93
4944F	1-3/8	\$84.00	4927M	27	\$51.93



## Internal Star Impact Sockets

### 9 Pc - 3/8" Drive Standard Length Internal Star Impact Driver Set

Part# 1200T = \$79.68 (Set Includes entire listing below)

Part#	Size	Price	Part#	Size	Price
1120T	T20	\$12.54	1145T	T45	\$12.54
1125T	T25	\$12.54	1147T	T47	\$12.54
1127T	T27	\$12.54	1150T	T50	\$12.54
1130T	T30	\$12.54	1155T	T55	\$12.54
1140T	T40	\$12.54			



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### 12 Pc - Standard Length Tamper Proof Set

Part# 1235TT = \$90.89 (Set Includes entire listing below)

Part#	Size	Drive	Price	Part#	Size	Drive	Price
910TT	TT10	1/4"	\$15.94	1140TT	TT40	3/8"	\$14.67
915TT	TT15	1/4"	\$12.69	1145TT	TT45	3/8"	\$14.67
920TT	TT20	1/4"	\$12.69	1147TT	TT47	3/8"	\$14.67
925TT	TT25	1/4"	\$12.69	1150TT	TT50	3/8"	\$14.67
927TT	TT27	1/4"	\$12.69	1155TT	TT55	3/8"	\$14.67
930TT	TT30	1/4"	\$12.69	2160TT	TT60	1/2"	\$19.21



Molded Storage Case

### 8 Pc - 1/2" Drive Standard Length Internal Star Set

Part# 1300T = \$97.37 (Set Includes entire listing below)

Part#	Size	Drive	Price	Part#	Size	Drive	Price
2130T	T30	1/2"	\$15.97	2155T	T55	1/2"	\$15.97
2140T	T40	1/2"	\$15.97	2155T	T55	1/2"	\$15.97
2145T	T45	1/2"	\$15.97	2160T	T60	1/2"	\$17.24
2147T	T47	1/2"	\$15.97	2170T	T70	1/2"	\$17.24



Molded Storage Case

### 9 Pc - 3/8" Drive 6" Length Internal Star Set

Part# 1206T = \$169.18 (Set Includes entire listing below)

Part#	Size	Price	Part#	Size	Price
11206T	T20	\$21.69	11456T	T45	\$21.69
11256T	T25	\$21.69	11476T	T47	\$21.69
11276T	T27	\$21.69	11506T	T50	\$21.69
11306T	T30	\$21.69	11556T	T55	\$21.69
11406T	T40	\$21.69			



On a Metal Clip Rail

## Triple Star Impact Sockets

### 7 Pc - 3/8" Drive Standard Length Tamper Proof Set

Part# 1207ST = \$136.00 (Set Includes entire listing below)

Part#	Size	Drive	Price	Part#	Size	Drive	Price
1105ST	M5	3/8"	\$22.66	1112ST	M12	3/8"	\$22.66
1106ST	M6	3/8"	\$22.66	1114ST	M14	3/8"	\$22.66
1108ST	M8	3/8"	\$22.66	1116ST	M15	3/8"	\$22.66
1110ST	M10	3/8"	\$22.66				



On a Metal Clip Rail

These extended length star drivers with 6" overall length are designed for a wide variety of applications where long reach is needed. They are especially useful for automotive trim work as well as many industrial applications.

Sockets





## External Star Impact Sockets

### 9 Pc - 3/8" Drive Standard Length External Star Set

Part# 1219ET = \$42.96

(Set Includes entire listing below)

Part#	Size	Drive	Price	Part#	Size	Drive	Price
1105ET	E5	3/8"	\$5.57	1111ET	E11	3/8"	\$5.57
1106ET	E6	3/8"	\$5.57	1112ET	E12	3/8"	\$5.57
1107ET	E7	3/8"	\$5.57	1114ET	E14	3/8"	\$5.57
1108ET	E8	3/8"	\$5.57	1116ET	E16	3/8"	\$5.57
1110ET	E10	3/8"	\$5.57				



Molded Storage Case

### 9 Pc - 1/2" Drive Standard Length External Star Set

Part# 1319ET = \$57.00

(Set Includes entire listing below)

Part#	Size	Drive	Price	Part#	Size	Drive	Price
2110ET	E10	1/2"	\$6.78	2118ET	E18	1/2"	\$6.98
2111ET	E11	1/2"	\$6.78	2120ET	E20	1/2"	\$8.00
2112ET	E12	1/2"	\$6.78	2122ET	E22	1/2"	\$8.54
2114ET	E14	1/2"	\$6.78	2124ET	E24	1/2"	\$8.54
2116ET	E16	1/2"	\$6.98				



Molded Storage Case

### 1/2" Drive Standard Length Fractional Universals

Part#	Size	Price	Part#	Size	Price
2014U	7/16"	\$18.27	2028U	7/8"	\$21.53
2016U	1/2"	\$18.55	2030U	15/16"	\$22.38
2018U	9/16"	\$18.78	2032U	1"	\$24.82
2020U	5/8"	\$18.78	2034U	1-1/16"	\$26.05
2022U	11/16"	\$20.64	2036U	1-1/8"	\$27.82
2024U	3/4"	\$20.96	2038U	1-3/16"	\$28.43
2026U	13/16"	\$21.43	2040U	1-1/4"	\$29.63



SAE

## Pipe Plug Impact Sockets

### 8 Pc - 1/2" Drive Standard Length Male Pipe Plug Impact Set

Part# 1308P = \$54.46

(Set Includes entire listing below)

• Male Sizes: 1/4", 9/32", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8"



Molded Storage Case

SAE

### 11 Pc - 1/2" Drive Standard Length 8 Pt Fractional Impact Socket Set

Part# 1311S = \$117.42

(Set Includes entire listing below)

• Fractional Standard Length Sizes: 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8"



Molded Storage Case

SAE

### 1/2" Drive, Standard Fractional 8 Point Impact Sockets



SAE

Part#	Size	Price	Part#	Size	Price
2516S	1/2"	\$6.22	2528S	7/8"	\$10.50
2518S	9/16"	\$6.80	2530S	15/16"	\$14.22
2520S	5/8"	\$7.39	2532S	1"	\$15.42
2522S	11/16"	\$8.03	2534S	1-1/16"	\$16.60
2524S	3/4"	\$9.23	2536S	1-1/8"	\$19.53
2526S	13/16"	\$9.92			

### 1/2" Drive, Standard Length Male Pipe Plug Sockets



Part#	Size	Price	Part#	Size	Price
2008PP	1/4"	\$7.62	2014PP	7/16"	\$9.52
2009PP	9/32"	\$7.62	2016PP	1/2"	\$9.52
2010PP	5/16"	\$7.62	2018PP	9/16"	\$9.52
2012PP	3/8"	\$7.62	2020PP	5/8"	\$11.49



# AMERICAN MADE QUALITY.

Since 1927, the Wright Tool Company has manufactured the highest quality hand tools in the industry. No exceptions. Upon striking the first forging here in Ohio, our tools have been engineered and crafted by hardworking Americans, for hardworking Americans. We have no intentions on slowing down either—Wright has continued to innovate when everyone else says “good enough”—and we have the patents to prove it. All of these are reasons why our tools aren’t inexpensive, because frankly, you get what you pay for. We forge tools for those who understand value isn’t represented by a price tag, but rather downtime and replacement.

Professionals working in the world’s harshest environments demand performance and safety that exceeds the standard, because failure is not an option. This is why we only use the best—Wright alloy steel. The use of our proprietary steel, precision heat treating, and advanced manufacturing techniques results in products of long life, durability and toughness. The end result are products built to exceed industry standards, because good enough is never good enough.

We finish that American innovation and hard work off with an equally hardworking lifetime warranty—one that you’ll likely never need.

TOUGH TOOLS  
MADE FOR  
TOUGH WORK

Oil & Gas

Mining

Power

Construction

Military

Industrial MRO

Government

Automotive



WHEN YOU’VE BEEN FORGING FOR THIS LONG, YOU LEARN A LOT. THE MOST IMPORTANT? DON’T PUT YOUR NAME ON SOMETHING THAT ISN’T THE BEST.

## WE CONFIDENTLY BACK OUR TOOLS WITH A LIFETIME WARRANTY

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.

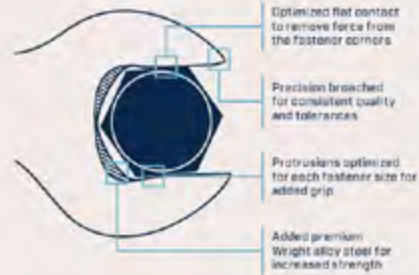
Wright Tool does not provide any warranty for products labeled other than Wright Tool or Cougar Pro. This limited lifetime warranty replacement does not apply to any defects caused or which in or part by improper use, accident, abuse, alteration, and neglect or normal wear and tear. Wright Tool makes no other warranties, express or implied, with respect to the tools or their suitability for specific applications. Wright Tool neither assumes, nor authorizes any person to assume, any other warranty or disclaimer express or implied. Please contact your Wright distributor for additional information on our warranty policy and process for replacement. You can also call 800.321.2302 to speak with Wright Customer Service.

As a standard feature on the Wright open-end of combination wrenches, precision placed protrusions are custom engineered for each wrench size to keep it seated on the fastener, increase torque and reduce slippage. Simply put, you won’t find a better wrench. Period.

NOTICEABLE PERFORMANCE

**50%**  
More protrusion engagement than all wrenches

**80%**  
Stronger than all wrenches



WRIGHT

Wrenches



## Wrenches

SAE

### 6 Pc Set Open End Fractional

Part# 736 = \$134.00

(Set Includes entire listing below)



Part#	Size	Price	Part#	Size	Price
1310	1/4" x 5/16"	\$14.66	1322	5/8" x 11/16"	\$21.12
1312	5/16" x 3/8"	\$14.85	1326	3/4" x 13/16"	\$26.07
1314	3/8" x 7/16"	\$14.92	1330	7/8" x 15/16"	\$37.69
1318	1/2" x 9/16"	\$14.80			

### 7 Pc Set - 15° & 60° Fractional Angle Wrench

Part# 734 = \$209.00

(Set Includes entire listing below)



Part#	Size	Price	Part#	Size	Price
1362	3/8" x 3/8"	\$26.11	1370	5/8" x 11/16"	\$30.03
1364	7/16" x 7/16"	\$26.69	1372	3/4" x 13/16"	\$32.34
1366	1/2" x 1/2"	\$27.16	1374	7/8" x 15/16"	\$36.50
1368	9/16" x 9/16"	\$27.56			



## Fractional Wrenches

SAE

### 11 Pc Set Fractional/12 Point

Part# 911 = \$224.00

(Set Includes entire listing below)

3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1" Size



### 15 Pc Set Fractional/12 Point

Part# 915 = \$374.00

(Set Includes entire listing below)

5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-1/4" Size



## Metric Wrenches

MM

### 11 Pc Set Metric / 12 Point

Part# 950 = \$177.00

(Set Includes entire listing below)

7, 8, 9, 10, 11, 12, 13, 14, 15, 17, 19mm



### 18 Pc Set Metric / 12 Point

Part# 958 = \$353.00

(Set Includes entire listing below)

7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24mm



## Fractional / 12 Point

SAE

## Metric / 12 Point

MM

Part#	Size	Price	Part#	Size	Price
1210	5/16"	\$11.04	1226	13/16"	\$20.72
1212	3/8"	\$11.04	1228	7/8"	\$24.76
1214	7/16"	\$12.16	1230	15/16"	\$29.89
1216	1/2"	\$14.35	1232	1"	\$33.92
1218	9/16"	\$14.35	1234	1-1/16"	\$40.15
1220	5/8"	\$15.49	1236	1-1/8"	\$45.12
1222	11/16"	\$16.55	1238	1-3/16"	\$42.80
1224	3/4"	\$18.63	1240	1-1/4"	\$54.00

Part#	Size	Price	Part#	Size	Price
12-07 mm	7	\$10.11	12-13 mm	13	\$13.16
12-08 mm	8	\$11.16	12-14 mm	14	\$13.16
12-09 mm	9	\$11.16	12-15 mm	15	\$14.24
12-10 mm	10	\$11.16	12-16 mm	16	\$15.18
12-11 mm	11	\$12.24	12-17 mm	17	\$17.08
12-12 mm	12	\$13.16	12-18 mm	18	\$17.08

Part#	Size	Price	Part#	Size	Price
12-19 mm	19	\$18.98	11-25 mm	25	\$29.43
12-20 mm	20	\$18.98	11-26 mm	26	\$32.05
12-21 mm	21	\$20.92	11-27 mm	27	\$34.68
12-22 mm	22	\$22.76	11-28 mm	28	\$38.10
12-23 mm	23	\$27.39	11-29 mm	29	\$41.59
12-24 mm	24	\$28.84	11-30 mm	30	\$43.78
			11-32 mm	32	\$45.89

## 9 Pc Set Fractional Service Wrench

SAE

Part# 745 = \$250.00 (Set Includes entire listing below)

Part#	Size	Price	Part#	Size	Price	Part#	Size	Price
1424	3/4"	\$25.82	1430	15/16"	\$27.37	1436	1-1/8"	\$27.96
1426	13/16"	\$26.71	1432	1"	\$27.37	1438	1-3/16"	\$28.08
1428	7/8"	\$27.05	1434	1-1/16"	\$27.80	1440	1-1/4"	\$28.69



## Specialty Wrenches



### Construction Structural Spud Wrenches

Black Industrial Finish

Part#	Size	Price
1740	1-1/4"	\$55.00
1746	1-7/16"	\$73.00
1752	1-5/8"	\$95.00

## Broad Head Bull Pins



Part#	Top Diameter	Point Diameter	Length	Price
9A649	1-1/16"	1/4"	10-3/8"	\$30.88
9A650	1-1/4"	5/16"	13-3/4"	\$33.41

## Barrel Pins



Part#	Size	Overall Length	Length of Taper	Point Size	Price
9A613	11/16"	6"	2"	5/16"	\$7.67
9A634	13/16"	8"	2-1/2"	3/8"	\$8.58



Wrenches

WRIGHT

## Chrome Socket Sets

### 25 Pc - 1/4" Drive 6 Pt Standard & Deep Length Fractional Socket Set

Part# 223-MC = \$269.00

(Set Includes entire listing below)

- Standard Length Fractional Sizes: 5/32", 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2"
- Deep Length Fractional Sizes: 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2"
- Accessories: Ratchet, 2" Extension, 6" Extension, Spinner, Universal Joint, Blow-Molded Case



SAE

### 31 Pc - 3/8" Drive 6 Pt Standard & Deep Length Fractional Socket Set

Part# 339-MC = \$393.00

(Set Includes entire listing below)

- Standard Length Fractional Sizes: 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1"
- Deep Length Fractional Sizes: 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1"
- Accessories: Ratchet, 3" Ext, 6" Ext, Flex Handle, Universal Joint, Metal Box



SAE

### 18 Pc - 1/2" Drive 6 Pt Standard Length Fractional Socket Set

Part# 423-MC = \$343.00

- Standard Length Fractional Sizes: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4"
- Accessories: 10-1/2" Ratchet, 5" Extension, Flex Handle, Metal Box



SAE

## Impact Socket Sets

### 25 Pc - 1/4" Drive 6 Pt Standard & Deep Length Fractional Socket Set

Part# 40715-MC = \$389.00

(Set Includes entire listing below)

- Standard Length Fractional Sizes: 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-1/4"
- Deep Length Fractional Sizes: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-1/4"

SAE



Molded Storage Case

### 25 Pc - 1/4" Drive 6 Pt Deep Length Metric & Fractional Socket Set

Part# 40767-MC = \$496.00

(Set Includes entire listing below)

- Deep Length Fractional Sizes: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-1/4"
- Deep Length Metric Sizes: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27mm

MM

SAE



Molded Storage Case

### 14 Pc - 3/4" Drive 6 Pt Standard Fractional Impact Socket Set

Part# 610-MC = \$322.00

(Set Includes entire listing below)

- Standard Length Fractional Sizes: 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4", 1-5/16", 1-3/8", 1-7/16", 1-1/2", 1-5/8", Metal Box

SAE





WRIGHT



## Hex Bit Socket Sets

### 7 Pc - 3/8" Drive Fractional Hex Bit Set

Part# 305 = \$95.00 (Set Includes entire listing below)

- 1/8", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8"



SAE

### 10 Pc - 3/8" & 1/2" Drive Fractional Hex Bit Set

Part# 311 = \$161.00 (Set Includes entire listing below)

- 3/8" Drive: 1/8", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8" 1/2" Drive: 1/2", 9/16", 5/8"



SAE

### 7 Pc - 3/8" Drive Fractional Long Length Hex Bit Set

Part# 316 = \$96.00 (Set Includes entire listing below)

- 1/8", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8"



SAE

### 8 Pc - 3/8" Drive, Metric Hex Bit Socket Set

Part# 353 = \$109.00 (Set Includes entire listing below)

- 2, 2.5, 3, 4, 5, 6, 8, 10mm



MM

### 9 Pc - 3/8" & 1/2" Drive, Metric Hex Bit Socket Set

Part# 360 = \$157.00 (Set Includes entire listing below)

- 3/8" Drive: 4, 5, 6, 7, 8, 10, 12, 14, 17mm 1/2" Drive: 12, 14, 17mm



MM

### 6 Pc - 1/2" Drive, Metric Hex Bit Socket Set

Part# 453 = \$131.00 (Set Includes entire listing below)

- 6, 8, 10, 12, 14, 17mm



MM

### 7 Pc - 3/8" Drive Fractional Impact Hex Bit Set

Part# 362 = \$126.00 (Set Includes entire listing below)

- 1/8", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8"



SAE

### 9 Pc - 3/8" Drive, Metric Impact Hex Bit Socket Set

Part# 363 = \$155.00 (Set Includes entire listing below)

- 2, 2.5, 3, 4, 5, 6, 7, 8, 10mm



MM

### 7 Pc - 1/2" Drive Fractional Impact Hex Bit Set

Part# 403 = \$134.00 (Set Includes entire listing below)

- 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8"



SAE



WRIGHT



## Hex Bit Sockets

### 3/8" Drive, Fractional Hex Bit Sockets



SAE

Part#	Size	Price	Part#	Size	Price
3204	1/8"	\$12.54	3208	1/4"	\$14.87
3205	5/32"	\$12.54	3210	5/16"	\$14.29
3206	3/16"	\$13.10	3212	3/8"	\$14.29
3207	7/32"	\$13.95			

### 3/8" Drive, Fractional Long Length Hex Bit Sockets

Part#	Size	Price	Part#	Size	Price
32L04	1/8"	\$12.69	32L08	1/4"	\$14.99
32L05	5/32"	\$12.69	32L10	5/16"	\$14.32
32L06	3/16"	\$13.31	32L12	3/8"	\$14.32
32L07	7/32"	\$13.95			

### 1/2" Drive, Fractional Hex Bit Sockets



SAE

Part#	Size	Price	Part#	Size	Price
4216	1/2"	\$22.41	4220	5/8"	\$26.74
4218	9/16"	\$23.35			

### 3/8" Drive, Fractional Impact Hex Bit Sockets



SAE

Part#	Size	Price	Part#	Size	Price
32B04	1/8"	\$17.61	32B08	1/4"	\$17.61
32B05	5/32"	\$17.61	32B10	5/16"	\$17.61
32B06	3/16"	\$17.61	32B12	3/8"	\$17.61
32B07	7/32"	\$17.61			

### 1/2" Drive, Fractional Impact Hex Bit Sockets



SAE

Part#	Size	Price	Part#	Size	Price
42B08	1/4"	\$19.56	42B16	1/2"	\$19.56
42B10	5/16"	\$19.56	42B18	9/16"	\$19.56
42B12	3/8"	\$19.56	42B20	5/8"	\$19.56
42B14	7/16"	\$19.56			

### 3/8" Drive, Metric Hex Bit Sockets



MM

Part#	Size	Price	Part#	Size	Price
32-02MM	2	\$12.54	32-05MM	5	\$14.87
32-02.5MM	2.5	\$12.54	32-06MM	6	\$14.29
32-03MM	3	\$13.10	32-08MM	8	\$14.29
32-04MM	4	\$13.95	32-10MM	10	\$14.29

### 1/2" Drive, Metric Hex Bit Sockets



MM

Part#	Size	Price	Part#	Size	Price
42-06MM	6	\$18.21	42-12MM	12	\$22.89
42-08MM	8	\$18.84	42-14MM	14	\$24.43
42-10MM	10	\$20.36	42-17MM	17	\$27.93

### 3/8" Drive, Metric Impact Hex Bit Sockets



MM

Part#	Size	Price	Part#	Size	Price
32B-02MM	2	\$17.61	32B-06MM	6	\$17.61
32B-02.5MM	2.5	\$17.61	32B-07MM	7	\$17.61
32B-03MM	3	\$17.61	32B-08MM	8	\$17.61
32B-04MM	4	\$17.61	32B-10MM	10	\$17.61
32B-05MM	5	\$17.61			

Sockets

Sockets

WRIGHT

WRIGHT

MADE IN GERMANY SINCE 1882



**KNIPEX**



### Cobra® Hightech Water Pump Pliers



- Self-locking on pipes and nuts: no slipping on the workpiece and low handforce required
- Gripping surfaces with special hardened teeth, teeth hardness approx. 61 HRC: high wear resistance and stable gripping
- Box-joint design for high stability due to double guide
- Reliable catching of the hinge bolt: no unintentional shifting
- Guard prevents operators' fingers being pinched

Part#	Size	Grip Capacity	Price	Part#	Size	Grip Capacity	Price
		 				 	
87 00 100	4"	1" 1"	\$33.18	87 01 300	12"	2-3/4" 2-3/64"	\$55.00
87 01 125	5"	1-1/16" 1-1/16"	\$34.70	87 02 300	12"	2-3/4" 2-3/64"	\$61.00
87 01 180	7.25"	1-1/2" 1-27/64"	\$37.57	87 01 400 US	16"	3-1/2" 3-3/4"	\$94.00
87 02 180	7.25"	1-1/2" 1-27/64"	\$41.16	87 01 560 US	22"	4-1/2" 4-3/4"	\$135.00
87 02 250	10"	2" 1-3/4"	\$43.70				
87 01 250	10"	2" 1-3/4"	\$39.81				





### Cobra® High-Tech Water Pump Pliers Set

Part# 00 20 06 US1 = \$123.00  
(Set Includes entire listing below)

Part#	Grip Capacity	Size
	 	
87 01 180	1-1/2" 1-27/64"	7.25"
87 01 250	2" 1-3/4"	10"
87 01 300	2-3/4" 2-3/64"	12"

### 3 Pc Comfort Grip Cobra® Set



Part# 9K 00 80 05 US = \$131.00  
(Set Includes entire listing below)

Part#	Grip Capacity	Size
	 	
87 02 180	1-1/2" 1-27/64"	7.25"
87 02 250	2" 1-3/4"	10"
87 02 300	2-3/4" 2-3/64"	12"



### Cobra® QuickSet Water Pump Pliers



- Combines the proven Cobra® functions of reliable locking of the hinge bolt with an additional push function which makes it easier to work in very confined and inaccessible areas
- Fast adjustment on the workpiece by sliding the pliers handle
- Reliable locking of the hinge bolt with the first workload
- The pliers stay locked in place and can only be readjusted by pressing the button and resetting
- 25 adjustment positions
- Chrome vanadium electric steel; forged, multi-stage oil-hardened

Part#	Size	Grip Capacity	Price
		 	
87 22 250	10"	2" 1-3/4"	\$46.06



### 5 Pc Cobra® Set in Tool Roll

Part# 00 19 55 S5 = \$183.00  
(Set Includes entire listing below)

Part#	Grip Capacity	Size
	 	
87 01 125	1-1/16" 1-1/16"	5"
87 01 150	1-1/4" 1-3/16"	6"
87 01 180	1-1/2" 1-27/64"	7.25"
87 01 250	2" 1-3/4"	10"
87 01 300	2-3/4" 2-3/64"	12"



### Cobra® Extra-Slim Water Pump Pliers

- Good access to workpiece due to very slim construction of head & joint area
- Grips flat material due to three-point rest
- Adjustment at the touch of a button directly on the workpiece
- 19 fine adjustments with comfortable gripping position
- Self-locking on pipes & nuts, no slipping off workpiece & low hand force required
- Box-joint design for high stability because of double guide
- Reliable catching of the hinge bolt with no unintentional shifting
- Chrome vanadium electric steel; forged, multi stage oil-hardened
- Pinch guard prevents operators' fingers being pinched
- Favorable lever action for optimum transmission of force

Part#	Size	Grip Capacity	Price
		 	
87 51 250	10"	1-1/4" 1-3/8"	\$42.34





## Pliers Wrenches S-Type

- Slim, S-type jaw
- Jaws with offset teeth in opposite direction
- Teeth additionally induction-hardened
- Three-point contact on pipes, self-locking
- I-beam handle design
- Captive adjusting nut
- Red powder-coated, jaws bright ground
- Gripping jaws with specially hardened teeth, hardness approx. 56 HRC



83 30 015



Part#	Size	Grip Capacity	Price
	↔	⊕ ⊖	
83 30 010	12.5"	1-21/32" 1"	\$58.00
83 30 015	16.5"	3-3/64" 1-1/2"	\$76.00
83 30 020	21.25"	2-3/4" 2"	\$120.00
83 30 030	26.75"	4-3/4" 3"	\$216.00

## Pliers Wrenches S-Type with Rapid Adjustment

- Time-saving, precise adjustment of the opening width at the press of a button directly on the workpiece
- Less effort required due to self-locking action
- No unintentional shifting of the pliers
- Pinch guard prevents operators' fingers being pinched
- S-type jaw
- Maximum load capacity due to completely hardened handles
- Three-point gripping on pipes, self-locking
- For use on plumbing fittings and auto front end alignment
- Features jaws with offset teeth in opposite direction for a strong grip
- Clamping width capacity up to 1 21/32"
- I-beam handle design for increased leverage
- Teeth are induction hardened for greater durability and longer life
- Chrome vanadium electric steel, forged, multi stage oil-hardened



83 61 010



Part#	Size	Grip Capacity	Price
	↔	⊕ ⊖	
83 61 015	16.5"	2-3/64" 1-1/2"	\$111.00
83 61 020	22"	2-3/4" 2"	\$161.00



86 04 100



86 03 125



86 01 180



86 02 180



86 01 250



86 01 300



86 02 250



86 03 400 US

## Pliers Wrenches

- Replaces the need for sets of metric and imperial spanners
- Smooth jaws/damage-free installation of plated fittings working directly on chrome
- Adjustable tightening tool
- Also excellent for gripping, holding, pressing and bending workpieces
- Push the button for adjustment on the workpiece
- Zero backlash jaw pressure prevents damage to edges of sensitive components
- Parallel jaws give a more solid grip; its design allows flexible adjustment of all widths up to specified max size
- Reliable catching of the hinge bolt: no unintentional shifting
- The ratchet type principle allows quick and easy tightening and release of all bolted connections
- Lever transmission greater than 10 : 1 for strong gripping power
- Chrome vanadium electric steel, forged, oil-hardened



Part#	Size	Grip Capacity	Price
		⊕ ⊖	
86 04 100	4"	3/4"	\$47.32
86 03 125	5"	7/8"	\$53.00
86 01 180	7.25"	1-1/2"	\$52.00
86 02 180	7.25"	1-1/2"	\$29.05

Part#	Size	Grip Capacity	Price
		⊕ ⊖	
86 01 250	10"	2"	\$61.00
86 02 250	10"	2"	\$63.00
86 01 300	12"	2-1/2"	\$79.00
86 03 400	16"	3-3/8"	\$155.00

## Jaw Protectors for Pliers Wrench



- Easy to install - just snap the upper and lower jaws onto the pliers wrench jaws
- Sold as a pack of (3) pairs
- Non-marring - offers an extra layer of protection for the pliers wrench
- Protective jaws fit all 86 XX 250 Cobra pliers from 2018 to present



Part#	Size	Price
86 09 250 V01	For 10" Pliers Wrench	\$10.05
86 09 300 V01	For 12" Pliers Wrench	\$11.79





### Combination Pliers

- With gripping zones for flat & round material, suitable for versatile use
- With cutting edges for soft and hard
- Long cutting edges for thicker cables
- Special tool steel, forged, multi stage oil-hardened

Part#	Size	Price
03 02 200	8"	\$29.96

### 4-in-1 Electricians' Pliers 10-14 AWG-Tethered Attachment

- 4 functions in one pliers - grips, cuts, strips and crimps
- For cutting soft, medium and hard wire
- Precision cutting edges induction hardened, cutting edge hardness (approx. 60 HRC)
- Suitable for 10, 12 and 14 AWG
- Precision stripping holes and crimping die for ferrules (end sleeves)
- Integrated tether attachment point for tool drop protection system
- Cutting capacity - up to 3/32" for medium hard wire and up to 1/16" for hard wire
- For 10, 12 and 14 AWG
- Vanadium steel; forged, multi-stage oil-hardened

Part#	Size	Price
13 02 614 T BKA	6.25"	\$58.00



### 3-Pc Universal Pliers Set with Cobra®

Part# 00 20 08 US2 = \$102.00 (Set Includes entire listing below)

- Three of KNIPEX best-selling pliers in one set in a plastic storage tray
- Each tool cavity is precisely manufactured for each of the three tools for easy tool location and storage

Part#	Description
26 11 200	8" Long Nose Pliers with Cutter
74 21 200	8" High Leverage Angled Diagonal Cutters
87 01 250	10" Cobra® Pliers



### Forged Wire Strippers

- Cuts 6-32 and 8-32 screws without threading and can be cut from either the front or the back
- Strips 10 to 20 AWG - both solid and stranded
- Locating ridges make it easy to find stripping holes
- Knurled jaws for better grip
- Wire looping groove to loop wire for attaching to screws
- Conduit reaming for removing burrs

Part#	Price
13 72 8	\$59.00



### 3-Pc Top Selling Pliers Set

Part# 9K 00 80 156 US = \$117.00

(Set Includes entire listing below)

The first KNIPEX set that includes the very popular TwinGrip Pliers. Each tool is crafted with the highest quality materials to tackle any project with confidence. This set ensures you have the right tool for any job.

Part#	Description
82 01 200	8" Twin Grip Pliers
87 01 180	7.25" Cobra® Pliers
86 01 180	7.25" Black Pliers Wrench

### 6-in-1 Electrical Installation Pliers 12 and 14 AWG

- 6 functions in one pliers - grips, cuts, strips, bends, crimps and deburrs
- Smooth surfaces near tips grip single conductors without damaging them; serrated gripping surfaces and pipe grip for gripping flat and round material
- Clear-cut outside edge on the jaw for working on flush-mounted junction boxes and deburring feed-through holes
- Stripping holes for 12 to 14 AWG (0.75 - 1.5 mm<sup>2</sup> and 2.5 mm<sup>2</sup>)
- Crimp die for end sleeves (ferrules) 12 to 20 AWG (0.5 - 2.5 mm<sup>2</sup>)
- Cable shears with induction hardened precision cutting edges for copper and aluminum cables up to 19/32" dia. (5 x 2.5 mm<sup>2</sup> / dia. 5 mm)
- Slim head dimensions for easier access
- Bolted joint: precise, zero-backlash operation of pliers
- High-grade special tool steel; forged, multi stage oil-hardened

Part#	Size	Price
13 82 8	8.25"	\$74.00



26 12 200  
26 11 200

### Snipe Nose Side Cutting Pliers with Cutters

- Elastic tips: dimensionally stable even when twisted
- Distortion-tolerant, elastic precision tips
- Half-round, long, tapered jaws
- With cutting edges (hardness approx. 61 HRC) for soft, medium-hard & hard wire
- Vanadium electric steel, forged, multi stage oil-hardened

Part#	Size	Price
26 11 200	8"	\$31.85
26 12 200	8"	\$39.61



### Extra Long Needle Nose 45° Angled Pliers

- Long assembly pliers with wave profile
- Deep parts can be easily reached using the slim, half-round tips
- Grips up to 2 1/4"
- Careful yet reliable gripping, holding and guiding of small copper pipes, screws and cables as well as other round parts due to milled grooves with smooth surfaces
- Four small pulling grooves in jaws will grab tightly when holding and pulling round objects
- Serrated gripping area for holding on to round parts near base of jaws
- Suitable for work in the automotive trade and mechanical engineering
- Slim yet robust tool
- Forged from special tool steel; oil-hardened and tempered
- 45° angled head for getting into hard to reach areas

Part#	Size	Price
28 81 280 SBA	11"	\$46.22

### Long Nose 40° Angled Pliers with Cutter



- Elastic tips; stable even when twisted
- Distortion-tolerant, flexible precision tips
- Snipe nose side cutting pliers also known as stork beak pliers
- Half-round, long, pointed jaws
- Hardened cutting edges (approx. 61 HRC) for soft, medium hard and hard wire
- Slim long nose is ideal for working in confined areas
- Vanadium steel; forged, multi stage oil-hardened

Part#	Size	Price
26 22 200 SBA	8"	\$43.86



### Needle-Nose Pliers

- Precision pliers for assembly work, bending and adjusting work
- Extra long jaws; length of 2 11/64" (55 mm) for hard to reach areas
- Smooth gripping surfaces and edges
- Chrome vanadium electric steel, forged, oil-hardened

Part#	Size	Price
31 11 160	6.25"	\$40.18

### Extra Long Needle Nose Pliers - Straight Jaws



- Long assembly pliers with wave profile
- Deep parts can be easily reached using the slim, half-round tips
- Grips up to 2 1/4"
- Careful yet reliable gripping, holding and guiding of small copper pipes, screws and cables as well as other round parts due to milled grooves with smooth surfaces
- Four small pulling grooves in jaws will grab tightly when holding and pulling round objects
- Serrated gripping area for holding on to round parts near base of jaws
- Suitable for work in the automotive trade and mechanical engineering
- Forged from special tool steel; oil-hardened and tempered

Part#	Size	Price
28 71 280 SBA	11"	\$44.37

### Long Nose Pliers without Cutter



- High-strength jaws and tips bend and snap back into place
- Cross hatched gripping surface for greater grip
- Long, half-round jaws; serrated gripping surfaces
- Black atramentized
- Vanadium electric steel; forged, oil-hardened

Part#	Size	Price
38 11 200	8"	\$32.78







### Long Nose Angled Pliers without Cutter



- High-strength jaws and tips bend and snap back into place
- Cross hatched gripping surface for greater grip
- Angled jaws
- Black atramentized
- Vanadium electric steel; forged, oil-hardened

Part#	Size	Description	Price
38 21 200	8"	40° Angled	\$39.53
38 71 200	8	70° Angled	\$43.59

### Mechanics Pliers for Spark Plug Boots



- High-strength jaws and tips bend and snap back into place
- Cross hatched gripping surface for greater grip
- The 45° angled, half-round jaws make this the perfect tool for gripping spark plugs and round components
- Black atramentized
- Vanadium electric steel; forged, oil-hardened

Part#	Size	Price
38 91 200	8"	\$41.08

### Grip Pliers Round Jaws



- Tightly holds round or flat material
- Adjustment screw and release lever for easy use
- Perfect for one-handed operation
- High clamping pressure due to toggle lever action
- Jaws for round workpieces, with wire cutter

Part#	Size	Price
41 04 180	7.25"	\$28.24
41 04 250	10"	\$29.05
41 04 300	12"	\$52.00

### Long Nose Grip Pliers



- Tightly holds round or flat material
- Adjustment screw and release lever for easy use
- Perfect for one-handed operation
- High clamping pressure due to toggle lever action

Part#	Size	Price
41 34 165	6.5"	\$27.43
41 44 200	8"	\$55.00

### Welding Grip Pliers



- For gripping, clamping and holding a variety of profiles during welding
- Adjustment screw and release lever for easy use
- Perfect for one-handed operation
- High clamping pressure due to toggle lever action

Part#	Size	Price
42 34 280	11"	\$50.00

### Locking Welding Grip Pliers



- For gripping, clamping and holding a variety of profiles during welding
- Adjustment screw and release lever for easy use
- Perfect for one-handed operation
- High clamping pressure due to toggle lever action

Part#	Size	Price
42 44 280	11"	\$53.00



### Internal 90° Angled Snap Ring Pliers - Large



- For assembling snap rings into bores within the range of 9 59/64" - 16" (252-400 mm) diameter
- Includes locking device, can be released without completing cycle
- Replaceable 90° tips made of tempered steel
- Pliers body are made of rolled steel, high-strength
- Tips can be easily replaced by unthreading screws from pliers body
- Replaceable tip part number 44 29 J61
- Tips are made of special tool steel; oil-hardened

Part#	Size	Price
44 20 J61	23.5"	\$188.00

### Internal Snap Ring Pliers - Large



- For assembling snap rings into bores within the range of 9 59/64" - 16" (252-400 mm) diameter
- Includes locking device, can be released without completing cycle
- Replaceable straight tips made of tempered steel
- Pliers body are made of rolled steel, high-strength
- Tips can be easily replaced by unthreading screws from pliers body
- Replaceable tip part number 44 19 J6
- Tips are made of special tool steel; oil-hardened

Part#	Size	Price
44 10 J6	22.75"	\$189.00

### External Snap Ring Pliers - Large



- For assembling snap rings on shafts, ranging from 9 59/64" - 16" (252-400 mm)
- Includes locking device, can be released without completing cycle
- Replaceable straight tips made of tempered steel
- Pliers body are made of rolled steel, high-strength
- Tips can be easily replaced by unthreading screws from pliers body
- Replaceable tip part number 46 19 A6
- Tips are made of special tool steel; oil-hardened

Part#	Size	Price
46 10 A6	22.75"	\$189.00

### External 90° Angled Snap Ring Pliers - Large



- For assembling snap rings on shafts, ranging from 9 59/64" - 16" (252-400 mm)
- Includes locking device, can be released without completing cycle
- Replaceable 90° tips made of tempered steel
- Pliers body are made of rolled steel, high-strength
- Tips can be easily replaced by unthreading screws from pliers body
- Replaceable tip part number 46 29 A61
- Tips are made of special tool steel; oil-hardened

Part#	Size	Price
46 20 A61	22.75"	\$188.00

Snap Ring Pliers



Pliers





### Retaining Ring Pliers for Retaining Rings on Shafts

- For fitting horseshoe-shaped spring retaining rings and circlips without grip holes
- For shaft retaining devices • With opening spring
- For retaining rings with a minimum ring split gap of 9/64"
- Chrome vanadium electric steel; forged, oil-hardened

Part#	Size	Price
45 10 170	6.75"	\$56.00



### 30° Angled Retaining Ring Pliers for Retaining Rings on Shafts

- For fitting horseshoe-shaped spring retaining rings and circlips without grip holes - 30° angled tips
- For shaft retaining devices • With opening spring
- Angled jaws with centering hole; for snap rings larger than 15/32" (12 mm) dia., e. g. for securing drive shaft in gearbox of a motor vehicle
- Minimum ring split gap of the rings 3/32"
- Chrome vanadium electric steel; forged, oil-hardened

Part#	Size	Price
45 21 200	8"	\$61.00



### Internal Precision Snap Ring Pliers



Part#	Size	Size of Bore (Internal)	Tips	Price
48 11 J1	5-1/2"	15/32" - 1"	3/64" (Straight)	\$27.02
48 11 J2	7-1/4"	3/4" - 2 3/64"	5/64" (Straight)	\$25.73
48 11 J3	9"	1 37/64" - 3 15/16"	3/32" (Straight)	\$30.28
48 11 J4	12-1/2"	3 11/32" - 5 1/2"	1/8" (Straight)	\$50.00
48 21 J11	5-1/8"	15/32" - 1"	3/64" (90°)	\$29.93
48 21 J21	6-1/2"	3/4" - 2 3/64"	5/64" (90°)	\$29.05



### External Precision Snap Ring Pliers



Part#	Size	Size of Shaft (External)	Tips	Price
49 11 A1	5-1/2"	25/64" - 1"	3/64" (Straight)	\$27.99
49 11 A2	7-1/4"	3/4" - 2 3/64"	5/64" (Straight)	\$28.27
49 11 A3	9"	1 37/64" - 3 15/16"	3/32" (Straight)	\$33.29
49 11 A4	12-5/8"	3 11/32" - 5 1/2"	1/8" (Straight)	\$57.00
49 21 A11	5 1/8"	25/64" - 1"	3/64" (90°)	\$30.62
49 21 A21	6 1/2"	3/4" - 2 3/64"	5/64" (90°)	\$32.60



Snap Ring Pliers



#### 4 Pc Snap Ring Pliers Set

Part# 00 20 03 SB = \$102.00

(Set Includes entire listing below)

- 48 11 J1, 49 11 A1, 48 11 J2, 49 11 A2



#### 6 Pc Snap Ring Pliers Set in Foam Tray

Part# 00 20 01 V02 = \$154.00

(Set Includes entire listing below)

- 48 11 J1, 48 11 J2, 48 21 J21, 49 11 A1, 49 11 A2, 49 21 A21



#### 8 Pc Precision Snap Ring Pliers Set

Part# 00 20 04 SB = \$206.00

(Set Includes entire listing below)

- 48 11 J1, 48 11 J2, 49 11 A1, 49 11 A2, 48 21 J11, 48 21 J21, 49 21 A11, 49 21 A21

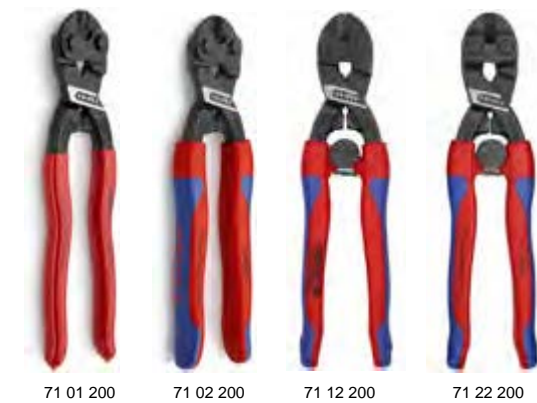
Snap Ring Pliers



## Diagonal Cutters

- Features sharp, precisely aligned cutting edges for soft, hard & piano wire
- Lap joint
- Cutting capacity - up to 1/8" for soft, up to 3/32" for medium, up to 1/16" for hard and up to 1/32" for piano wire
- Vanadium steel, forged, multi stage oil-hardened

Part#	Size	Price
76 01 125	5"	\$33.10



71 01 200 71 02 200 71 12 200 71 22 200



71 31 160 71 31 200 71 31 250 71 41 200

## CoBolt® Compact Bolt Cutters

- Precision cutting edges for soft and hard wire as well as piano wire
- Cuts bolts, nails, rivets, etc. up to 5.2 mm dia.
- Most efficient joint design ensures exceptional cutting performance
- Cutting edges additionally induction-hardened
- Chrome vanadium heavy-duty steel, forged, multi stage oil-hardened

Part#	Size	Price
71 31 160	6.25"	\$51.00
71 01 200	8"	\$59.00
71 02 200	8"	\$63.00
71 12 200	8" Spring Loaded	\$69.00
71 22 200	8" (20° Angled) Spring Loaded	\$75.00
71 31 200	8" (Notched Blade)	\$63.00
71 41 200	8" (20° Angled - Notched Blade)	\$78.00
71 31 250	10" (XL Compact - Notched Blade)	\$78.00



## Twinforce® Diagonal Super Cutters

- Cuts 50% easier than KNIPEX high leverage diagonal cutters of same size
- Ideal transmission of force due to double-hinged design
- Reliably cuts all types of wire, including steel tape
- For rough or very fine cutting
- Cutting capacity - up to 7/32" for soft, up to 3/16" for medium, up to 1/8" for hard, and up to 1/8" for piano wire
- Chrome vanadium heavy-duty steel; forged, oil-hardened

Part#	Size	Price
73 72 180 BK	7.25"	\$84.00



74 01 160 74 21 200 74 21 250

## High Leverage 12° Angled Diagonal Cutters

- High cutting performance with minimum effort due to optimum co-ordination of the cutting edge angle and transmission ratio
- Precision cutting edges additionally induction-hardened (cutting edge hardness approx. 64 HRC), for all sorts of wire including piano wire
- Chrome vanadium heavy-duty steel, forged, multi stage oil-hardened

Part#	Size	Price
74 01 160	6.25"	\$34.25
74 21 200	8"	\$38.88
74 21 250	10"	\$50.00



## Large Bolt Cutters

- High cutting performance with minimum effort due to optimum coordination of the cutting edge angle and transmission ratio
- Cutting capacity of steel up to 48 HRC
- Robust cutting edges with a hardness of (approx. 62 HRC)
- Precise adjustment (12 positions) by cam bolt
- Blade is made of chrome vanadium heavy-duty steel; forged, multi stage oil-hardened

Part#	Size	Price
71 72 460	18.25"	\$118.00
71 72 610	24"	\$133.00
71 72 760	30"	\$174.00
71 72 910	35.75"	\$236.00



## End Cutting Nippers

- Head shape provides optimized movement when tightening steel mesh knots during reinforced concrete work
- Cutting edges for soft, medium and hard wire
- Cutting capacity - up to 5/32" for soft, up to 1/8" for medium and up to 3/32" for hard wire
- High-grade special tool steel; forged, multi stage oil-hardened

Part#	Size	Price
68 01 180	7.25"	\$25.87



82 01 200



82 02 200

## TwinGrip Pliers

- Unique combination of front and side gripping
- Front jaw design grips stripped screws
- Optimized side jaw with opposing teeth for maximum force
- Side gripping jaws for round, square and hex materials
- The only 5 adjustment push-button slip joint pliers in the market
- Gripping capacity for diameters and widths across the flats from 5/32" to 7/8" (4 to 22 mm)
- Reliable gripping of flat workpieces due to the three-point system
- Box-joint design for added tool stability
- Slim head design for working in confined spaces
- Forged from high-grade chrome vanadium electric steel; oil-hardened
- Grip surfaces w/ special hardened teeth, teeth hardness (approx. 61 HRC)
- Pinch guard prevents operators' fingers being pinched

Part#	Size	Price
82 01 200	8"	\$35.94
82 02 200	8"	\$40.51



## "RAPTOR" Multiple Slip Joint Spanner

- For metric & imperial nuts & screws with widths across flats from 10 to 32 mm (3/8" up to 1 1/4"); self-locking from 17 mm no slipping on workpiece
- Zero-backlash gripping of metric or imperial hexagonal headed screws, no rounding of bolt heads
- Ideal for work on vehicle brake systems
- Quick tightening of bolted connections using ratchet action
- Fine adjustment - optimum adaptation to different sizes of workpieces
- Box-joint design for high stability due to double guide
- Reliable catching of the hinge bolt: no unintentional shifting
- Guard prevents operators' fingers being pinched
- Replaces a set of wrenches, ideal for tightening locknuts

Part#	Size	Price
87 41 250	10"	\$44.37

## CutiX Universal Snap Knife

- Innovative stabilization bar keeps the blade from bending for quicker cutting
- Two separate sliders - one for blade and one for stabilization bar
- Uses standard 18 mm snap-off blades
- Blades can be easily replaced without tools with just a push of the button
- Lightweight magnesium housing with non-slip gripping surfaces
- Two spare blades stored in the handle
- Tether attachment point can be used with the KNIPEX Tethered Tools System

Part#	Size	Price
90 10 165 BKA	6-1/2"	\$27.16





### TubiX® Pipe Cutter

- Use just one hand to push the cutting wheel up to easily cut pipes
- QuickLock single-handed quick adjustment enables the cutting wheel to slide to any pipe diameter with a single press of the thumb
- Cuts copper, brass, and high-grade steel quickly and easily with diameters from 1/4" to 1 3/8"
- High-quality needle bearings enable the cutting wheel and four guide rollers to operate with ease
- Spare cutting wheel stored in the handle for quick replacement
- Precision ground deburring tool slides out of the way when not in use
- Cutting wheel made of high-grade ball-bearing steel
- Durable body constructed of magnesium

Part#	Size	Price
90 31 02	7"	\$72.00



### Cable Shears

- For cutting copper and aluminum cables, single & multi-stranded wire
- Not suitable for steel wire and hard drawn copper conductors
- Precision ground, hardened blades
- Clean and smooth cut without crushing and deformation
- Easy cutting with one-hand operation
- Pinch guard prevents operators' fingers being pinched
- Adjustable bolted joint, self-locking
- Internal spring for easy repetitive cutting and a lock to keep the tool closed when not in use
- High-grade special tool steel; forged, oil-hardened

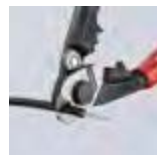
Part#	Size	Price
95 21 165	6.5"	\$56.00



### Cable Shears - Twin Cutting Edges

- For cutting copper and aluminum cables
- Not suitable for steel wire and hard drawn copper conductors
- Precision ground, hardened blades
- Clean and smooth cut without crushing and deformation
- By dividing the cutting actions into initial cut (insulating sheath in the front cutting area) and final cut (conductor in the back cutting area), cables up to 25/32" dia. can be cut in one-hand operation
- Less effort required due to favorable lever ratio and optimized cutting edge geometry
- Pinch guard prevents operators' fingers being pinched
- Adjustable bolted joint, self-locking
- High-grade special tool steel; forged, oil-hardened

Part#	Size	Price
95 11 200	8"	\$63.00



### Wire Rope Shears

- Double function: clean cutting of wire rope and precise crimping
- Two crimping dies for end caps on Bowden cable sheaths and ferrules for wire rope
- For cutting wire rope up to 13/64"
- Bolted joint for precise blade guidance, readjustable
- High leverage for reduced effort
- Cutting edge hardness (approx. 64 HRC)
- Chrome vanadium heavy-duty steel; forged, manifold oil-hardened

Part#	Size	Price
95 61 190	7.5"	\$65.00



THE "COOL" OF THE TOOL  
REVOLUTIONARY AUTO-ADJUST MECHANISM

### AUTO-ADJUST TECHNOLOGY

Auto Adjust means the clamp maintains consistent pressure while automatically adjusting to different size work pieces. We also refer to this as "Self Adjusting"

**Set Pressure:** Turn the adjustment screw to increase or decrease pressure. Tighten locking nut to lock in pressure setting

### AUTO-ADJUST BENEFITS

- Clamp automatically adjusts as you change materials.
- Fast clamping. Improves productivity
- One-handed clamping
- Set and forget pressure

### Automatic Curved Jaw Pliers

Armor Automatic Pliers feature Auto-Adjust technology enabling the jaws to adjust and grip varying thicknesses without readjusting. Simply adjust the pressure screw and the force of the jaws are set to consistently grip whatever is placed between them. The handle comes with a soft grip to reduce fatigue and work with comfort.

Part#	Size	Price
A06100 G	6"	\$21.74
A10100 G	10"	\$33.59



### Locking C-Clamp Welding Pliers with Pads

Armor Automatic C Clamps feature Auto-Adjust technology enabling the jaws to adjust and grip varying thicknesses without readjusting. Simply adjust the pressure screw and begin clamping. The forces of the jaws are set to consistently clamp whatever is placed between them. Your choice of soft grip handles to reduce fatigue and work with comfort.

Part#	Size	Price
A06201 G	7"	\$28.99
A10201 G	11"	\$36.39



### 6" Weld Table Clamp

The 6" Weld Table/Drill Press Clamp features our patented Auto-Adjust technology that enables the jaws to automatically adjust to and grip different size objects on your weld table quickly, without manually fine tuning the adjustment while reach up to 7" off your table surface. Set the desired clamping pressure, and the jaws will automatically apply that pressure to the different sizes of material.

No continuous adjustment needed. Unprecedented convenience. Clamp comes with Soft Grip (w/removable pad) and dual application mounts for Weld Table (8" Post) and Drill Press/Table machines, this clamp fits all your needs.

- Included Hardware:
- Eye-Bolt
  - 8" - 5/8" Weld Table Post
  - Removable Soft Grip Cover

Part#	Size	Price
6DP-70W	6"	\$41.99





## Adjustable Wrenches

- Measurement scales (in. on front mm. on reverse) are handy for sizing nuts, pipe and tube diameters
- Greater jaw capacity supports larger nuts and bolts
- 4-thread knurl & non-protruding jaws provide greater capacity; minimal head width improves performance in confined spaces

Part#	Size	Price	Part#	Size	Price
806 W	6"	\$17.84	815	15"	\$54.57
808 W	8"	\$19.68	824	18"	\$104.40
810 W	10"	\$23.95	908	24"	\$194.77
812 W	12"	\$33.14			



## CODE BLUE® WIDEAZZ® Adjustable Wrenches

- SLIM jaws are up to 50% THINNER than a standard wrench of the same size, providing greater access in tight spaces
- WIDEAZZ® jaws are up to 60% wider than a standard wrench of the same size
- MEASUREMENT SCALES are laser engraved (in. on front, mm. on reverse) and handy for sizing nuts, pipe and tube diameters
- PRECISE 4-thread knurl improves adjustment accuracy
- OPTIMAL head width and non-protruding jaws allow accessibility for hard to reach applications
- RUGGED Chrome Vanadium steel construction
- CHROME finish for ultimate rust prevention
- Made to CHANNELLOCK® specifications in Spain.

### WIDEAZZ® Slim Jaw

### WIDEAZZ®

Part#	Size	Price	Part#	Size	Price
8SWCB	8"	\$33.20	8WCB	8"	\$29.46



## Tongue and Groove Pliers

- **Undercut Channels** - Undercut tongue & groove design won't slip
- **Reinforcing Edge** - Patented reinforcing edge minimizes stress breakage
- **PermaLock®** - PermaLock® fastener eliminates nut and bolt failure
- **Heat-Treated Teeth** - Right angle, laser heat-treated teeth grip better and last longer

### Straight Jaw Tongue and Groove Pliers

Part#	Size	Price	Part#	Size	Price
426°	6.5"	\$14.13	440°	12"	\$18.79
430°	10"	\$16.56			



## TONGUE AND GROOVE

**CHANNELLOCK®** uses high carbon steel for superior performance on the job, and an ultimate rust preventative coating.

CHANNELLOCK® utilise un acier à haute teneur en carbone de performance supérieure protégé par un revêtement anticorrosion idéal.

CHANNELLOCK® uses a steel of high content of carbon that produces a reinforcement superior in the work, with a requirement of prevention superior against the oxidation.

**PermaLock®** fastener eliminates nut and bolt failure.

Le rivet PermaLock® élimine le risque d'une rupture de la charnière.

Sistema de fijación PermaLock® elimina las fallos de los pernos y las tuercas.

**Right angle, laser heat-treated teeth grip better and last longer.**

Des dents bisautées en angle droit et thermalisées au laser assurent une meilleure prise et une bien plus grande durabilité.

Dientes en ángulo recto y thermalizadas por láser agarran mejor y duran más.

**Patented reinforcing edge minimizes stress breakage.**

Le rebord de renforcement breveté minimise les cassures.

Borde de refuerzo patentado que minimiza la ruptura por tensión.

**Undercut tongue and groove won't slip.**

Las encochas profundas de l'axe d'articulation évitent tout glissement accidentel.

Puñal de ranura y lengüeta permite un agarre perfecto sin riesgo de que se caiga.

**CHANNELLOCK BLUE® comfort grips**

Empuñaduras cómodas CHANNELLOCK BLUE®.



## Tongue and Groove Pliers

### GripLock® Tongue and Groove Pliers

Part#	Size	Price	Part#	Size	Price
GL6	6.5"	\$12.15	GL10	9.5"	\$13.34



### Oil Filter/PVC Pliers

Part#	Size	Price	Part#	Size	Price
209	9"	\$17.19	212	12"	\$23.79
			215	15-1/2"	\$27.53



## Cutting Pliers

- **XL™** - XL™ Xtreme Leverage Technology means considerably less force required to cut than traditional high leverage
- **Knife-and-Anvil Cutting Edge** - Precision machined knife & anvil style cutting edges to ensure perfect mating & superior cutting edge life
- **Cutting Edges** - Laser heat-treated cutting edges last longer
- **Diagonal Cutting** - Lap joint diagonal
- **E Series Design** - Sleeker, lighter design, streamlined for easier handling
- **Blue Grips** - CHANNELLOCK BLUE® grips for comfort

### XL™ Diagonal Lap Joint Cutting Pliers

Part#	Size	Price	Part#	Size	Price
336	6"	\$21.22	337	7"	\$19.92



### End Cutting Pliers

Part#	Size	Price
357	7.5"	\$23.04



### Cable Cutting Pliers

Part#	Size	Price
911	9.5"	\$27.81



## Linemen's Pliers

- **Knife-and-Anvil Cutting Edge** - Precision machined knife & anvil style cutting edges to ensure perfect mating & superior cutting edge life.
- **Cutting Edges** - Laser heat-treated cutting edges last longer
- **Blue Grips** - CHANNELLOCK BLUE® grips for comfort
- **Crosshatch** - Crosshatch pattern on jaws grips work tightly
- **Cut Ability** - Cuts ACSR

### XL™ Round Nose Lineman's Pliers

Part#	Size	Price	Part#	Size	Price
367	7.49"	\$27.72	369	9.50"	\$27.85





## Long Nose Pliers

- Knife-and-Anvil Cutting Edge - Precision machined knife & anvil style cutting edges to ensure perfect mating & superior cutting edge life.
- CHANNELLOCK BLUE® grips for comfort
- Crosshatch pattern on jaws grips work tightly

### Side Cutting Long Nose Pliers with Cutter

Part#	Size	Price
317	8"	\$22.15



### Side Cutting Long Nose Pliers with Cutter

Part#	Size	Price
326	6.10"	\$21.57



## Slip Joint Pliers

- PermaLock® fastener eliminates nut and bolt failure
- Serrated Jaw for a firm grip
- Wire cutting shear
- High Carbon Steel - CHANNELLOCK® uses high carbon steel for superior performance and specially coated for ultimate rust prevention
- CHANNELLOCK BLUE® grips for comfort

Part#	Size	Price	Part#	Size	Price
524	4.78"	\$13.19	528	8.00"	\$11.85
526	6.50"	\$11.51			



## Special Purpose Pliers

### Wire Stripper

- Cuts bolt sizes: 10-24, 6-32, 8-32, 10-32, 4-40
- Crimps insulated and non-insulated terminals
- Cuts and crimps 10-22 AWG wire
- Laser etched marking for lasting indication of wire gauges
- Lean Nose Design - Box joint diagonal
- Precision ground cutters
- CHANNELLOCK BLUE® grips for comfort

Part#	Size	Price
908	8.25"	\$19.19



### Fence Tool

- Multi-Function - Wire stretcher, splicers and 2 cutters
- Staple Starter and Puller
- Able to hammer
- CHANNELLOCK BLUE® grips for comfort

Part#	Size	Price
85	10.38"	\$30.86



### Welder's Pliers

- Blue Grips - Designed for durability and comfort with high tensile steel handles
- Groove Nose design for superior spatter removal
- Ability to hammer
- Spring loaded
- Tip Adjustments - Easy tip installation and removal
- Welder's Feature - Grips and draws out wire
- XLT™ Xtreme Leverage Technology means considerably less force required to cut than traditional high leverage
- CHANNELLOCK® uses high carbon steel for superior performance on the job and specially coated for ultimate rust prevention

Part#	Size	Price
360	9"	\$27.50



## Special Purpose Pliers (continued)

### 9" Rescue Tool

- Shuts off gas safety valves and pries open windows and doors
- Unique Jaw design accommodates many shapes and provides maximum grip
- Lock - Allows for quick storage in the bunker pocket
- Spanner wrench tightens and loosens up to 5" hose couplings
- Spring allows easy one-hand operation in high-stress situations
- XLT™ Xtreme Leverage Technology means considerably less force required to cut than traditional high leverage
- Laser heat-treated cutting edges last longer

Part#	Size	Price
86	9.03"	\$50.75



### 9" Rescue Tool

- Lightweight - 30% lighter than the 89 Rescue Tool for compact storage
- Spanner wrench tightens and loosens up to 5" hose couplings
- High alloy steel for superior strength
- Shuts off gas safety valves
- Pries open windows and doors
- Hardened cutting edges shear through soft metal
- Cutting Power - Standard battery cables are no match for its cutting power
- Narrow jaw profile fits in tight spots

Part#	Size	Price
87	8.88"	\$45.87



## E Series™ Pliers

### 6" Little Champ® Snipe Nose Pliers

- Spring loaded
- XLT™ Xtreme Leverage Technology = considerably less force required to cut than traditional high leverage
- CHANNELLOCK BLUE® grips for comfort

Part#	Size	Price
50S	5.69"	\$26.63



## Gift Sets

### 4 Pc Pro's Choice Tongue & Groove Pliers Set

- Right angle, laser heat-treated teeth grip better & last longer

Part#	Set Includes	Price
PC-41	430° tongue and groove plier, E338 cutting plier, E318 long nose plier, 528 slip joint plier packaged in a storage tray	\$70.00



## MAYHEW TOOLS' DOMINATOR PRODUCT SERIES IS KNOWN FOR:



Patented linear ribs around neck ensure maximum transfer of torque, while the patented axial ribs assure a slip-free grip

Rounded end rolls smoothly into the heel of palm for added comfort

Palm of hand naturally fits into contour of tri-lobular designed

The shaft runs through the handle to capped end providing high-performance and durability when striking tool end

Lifetime Warranty

100% Made in USA



## Scrapers

### Straight

- Used for a multitude of applications, such as removing gaskets, rust, paint, carbon buildup, and floor tile
- Blades are ground for a sharp edge and can be resharpened after heavy use to return the cutting edge to its original sharpness
- Capped end in direct contact with tempered steel shaft
- Patented, two-composite ergonomically designed handle provides a comfortable and secure grip
- Black oxide finish for additional rust protection • Made in the USA



Part#	Description	Overall Length	Price
14172	3/4" Dominator® PRO HD Scraper	12"	\$27.38
14173	1" Dominator® PRO HD Scraper	12"	\$26.12
14174	1-1/2" Dominator® PRO HD Scraper	12"	\$26.66

### Weld Wakker™

- Used to break apart spot welds or bonded panels
- Strikeable handle end cap and side edge of tool
- Patented, two-composite soft-grip handle with metal end cap for striking
- Unique two-sided cutting bevels
- Black oxide finish for additional rust protection • Made in the USA



Part#	Description	Overall Length	Price
42021	1/2" x 14.5" Dominator Weld Wakker	15-1/4"	\$27.22



## Dominator® PRO



## Pry Bars

- The patented two-composite handle is ergonomically designed to provide superior comfort and secure grip
- Capped end allows for striking without damaging the handle and serves as a shock absorber, reducing hand fatigue
- Hardened and tempered alloy steel shaft runs from the cutting edge through the handle to deliver maximum force
- Used for lifting and prying applications
- Black oxide finish helps rust prevention
- US Patent #6, 671, 186 and #6, 772-94481 • Made in USA



Call for Freight Price

Part#	Description	Overall Length	Price
60137	10-C Dominator 10" Curved Screwdriver Pry Bar	10"	\$18.24
14117	36-C Dominator 36" Curved Screwdriver Pry Bar	36"	\$66.00
14118	42-C Dominator 42" Curved Screwdriver Pry Bar	42"	\$68.00
14119	48-C Dominator 48" Curved Screwdriver Pry Bar	48"	\$99.00
14120	58-C Dominator 58" Curved Screwdriver Pry Bar	58"	\$106.00

## Pro Line-Up Pry Bar

- Long, tapered end for aligning and adjusting metal or wood
- Angled chisel end for extra leverage when prying
- Available in a variety of lengths for work in hard-to-reach spots and more leverage
- Available in black oxide finish for additional rust protection • Made in the USA



Part#	Description	Overall Length	Price
40003	24" Line-Up Pry Bar	24"	\$27.22

## Pro 3 Pc Ladyfoot Pry Bar Set

- Rocking head used for prying in small areas; other end used to align
- Solid forged head for superior strength
- Variable lengths available for use in hard-to-reach or confined locations
- Black oxide finish for additional rust protection
- Made in the USA



Part#	Description	Overall Length	Price
60150	Includes: 40150 - 1/2" x 12" Ladyfoot Prybar 40152 - 5/8" x 16" Ladyfoot Prybar 40154 - 3/4" x 21" Ladyfoot Prybar	12" 16" 21"	\$98.00

## Screwdriver Pry Bar Sets

- Available in both curved and straight blade styles
- Ergonomically designed handle with a capped end that is forged through the handle for unparalleled strength and durability
- Heat treated along the entire length of the steel
- Black oxide finish for additional rust protection
- Made in the USA



## 3 Pc Dominator Curved Screwdriver Pry Bar Set

Part#	Description	Overall Length	Price
61355	Set Includes: 60140 - 7-C Dominator 60144 - 12-C Dominator 60146 - 18-C Dominator	12" 17" 25"	\$72.00



# Chisels



## Cold Chisels

- Used to cut and shape metals softer than the cutting edge of the chisel
- Cutting-edge angle designed to provide greater strength
- Not intended to be used on masonry materials
- Available in a variety of lengths and sizes to fit any application
- Available in black oxide finish for additional rust protection
- Made in the USA

Part#	Description	Overall Length	Price	Part#	Description	Overall Length	Price
10102	1/4" Black Oxide Cold Chisel	4-1/2"	\$5.34	10702	7/8" Black Oxide Cold Chisel	7-1/2"	\$10.28
10202	5/16" Black Oxide Cold Chisel	5"	\$5.81	10802	1" Black Oxide Cold Chisel	8"	\$13.66
10302	3/8" Black Oxide Cold Chisel	5"	\$5.68	12002	1/2" Black Oxide Cold Chisel	12"	\$10.71
10402	1/2" Black Oxide Cold Chisel	6"	\$7.19	12102	5/8" Black Oxide Cold Chisel	12"	\$10.71
10502	5/8" Black Oxide Cold Chisel	6-1/2"	\$7.59	12202	3/4" Black Oxide Cold Chisel	12"	\$11.87
10602	3/4" Black Oxide Cold Chisel	7-1/2"	\$8.71	12402	1" Black Oxide Cold Chisel	12"	\$17.13

## Cape Chisel

- Also known as a slot chisel
- Used to cut flat grooves for keyways or slots
- Narrows to a flat cutting end for precision
- Available in varying cuts and lengths, for varying sizes of grooves
- Black oxide finish for additional rust prevention
- Made in the USA

Part#	Description	Overall Length	Price
10402	1/4" Reg Cape Chisel	5-5/8"	\$9.27



# Punches

## Bearing Race Punches

- Used to remove bearing races in automotive and industrial settings
- Larger tips are designed for larger bearing sizes
- Specially heat-treated steel makes these tools ideal for stubborn bearing races
- Black oxide finish for additional rust protection
- Made in the USA

Part#	Description	Overall Length	Price
24548	7/16" Bearing Race Punch	6"	\$15.42
24549	1/2" Bearing Race Punch	10"	\$18.71



## Center Punches

- Used for piercing, or marking for starting drills, in metal and other materials
- Point sizes vary for larger or smaller holes
- Available in black oxide finish for additional rust protection
- Made in the USA

Part#	Description	Overall Length	Price
41202	5/16" Reg Center Punch	4-1/2"	\$4.76
41602	3/8" Reg Center Punch	5"	\$5.63
41702	1/2" Reg Center Punch	6"	\$7.63



## Prick Punches

- Used to scribe lines in metal before cutting or riveting
- Variable point sizes for different width marks
- Sharper angle specifically designed to scribe lines in metal
- Available in black oxide finish for additional rust protection
- Made in the USA

Part#	Description	Overall Length	Price
43502	7/32" Reg Prick Punch	5"	\$5.31



## Line-Up Punches or Drift Punches

- Used to align holes through which rivets, pins, or bolts will be inserted
- Not for use when driving pins, rivets, or bolts
- Variable point size, shank size, and taper length for the perfect alignment
- Available in black oxide finish for additional rust protection
- Made in the USA

Part#	Description	Overall Length	Price	Part#	Description	Overall Length	Price
43902	1/8" Reg Line-Up Punch	8"	\$6.74	44102	1/4" Reg Line-Up Punch	12"	\$12.96
43952	5/32" Reg Line-Up Punch	9"	\$7.11	44202	5/16" Reg Line-Up Punch	12"	\$13.47
44002	3/16" Reg Line-Up Punch	9"	\$11.02				



## Pilot® or Roll Pin Punches

- Original Mayhew patented design with a rounded end that fits snugly within a roll pin
- Also known as a roll pin punch
- Used to drive in and remove roll pins or other hollow tension pins
- Variable point sizes available for variable radius sizes for all pin configurations
- Available in fractional or metric sizes
- Made in the USA



Part#	Description	Overall Length	Price	Part#	Description	Overall Length	Price
25000	1/16" #1 Pilot Punch	2-3/4"	\$5.35	25006	7/32" #7 Pilot Punch	5"	\$7.92
25001	5/64" #2 Pilot Punch	3-1/4"	\$5.61	25007	1/4" #8 Pilot Punch	5-1/2"	\$8.89
25002	3/32" #3 Pilot Punch	3-1/2"	\$6.00	25008	5/16" #9 Pilot Punch	6"	\$9.77
25003	1/8" #4 Pilot Punch	4"	\$6.16	25009	3/8" #10 Pilot Punch	6"	\$10.69
25004	5/32" #5 Pilot Punch	4-1/2"	\$6.97	25010	7/16" #11 Pilot Punch	6"	\$12.10
25005	3/16" #6 Pilot Punch	4-1/2"	\$7.12	25011	1/2" #12 Pilot Punch	6"	\$13.59

## Pin Punches (Imperial)

- Used to drive out and remove already loosened pins and keys after initial movement by a solid punch
- Variable point sizes and lengths for different applications
- Not for use on seized pins and keys; loosen with a solid punch first
- Available in fractional and metric sizes
- Available in black oxide finish for additional rust protection
- Made in the USA



Part#	Description	Overall Length	Price	Part#	Description	Overall Length	Price
42002	3/32" Black Oxide Pin Punch	4-1/2"	\$5.74	42302	5/32" Black Oxide Pin Punch	6"	\$5.29
42102	1/8" Black Oxide Pin Punch	4-1/2"	\$4.65	42402	3/16" Black Oxide Pin Punch	6"	\$5.51
42202	1/8" Black Oxide Pin Punch	6"	\$5.47	42702	1/4" Black Oxide Pin Punch	6"	\$6.97

## Solid or Starter Punches

- For loosening frozen or tight pins and keys, or knocking out rivets
- Variable point sizes for different sized pins and keys
- Once loosened, follow up with a pin punch to drive the pin or key out
- Available in black oxide finish for additional rust protection
- Made in the USA



Part#	Description	Overall Length	Price
20001	1/8" Black Oxide Solid Punch	5"	\$5.03
20002	3/16" Black Oxide Solid Punch	5"	\$5.03

## Brass Drift Punches

Non marring, non sparking USA brass punches and scrapers now offered in an improved smooth polished finish with a double knurled feature for more effective use. Whether the job requires a limited or the widest range of brass tools, Mayhew is the only professional solution to provide the requisite number of tools, within spec and with packaging that withstands typical harsh workplace environments. Used to transfer the force of a hammer blow to a specific location to remove or loosen a part or pin.

### Brass Drift Punches

Part#	Description	Overall Length	Price
25075	3/4" Brass Drift Punch Knurled	8"	\$25.14
25076	1/2" Brass Drift Punch	7"	\$11.48
25077	3/8" Brass Drift Punch	6"	\$8.95



### Brass Drift Punch Set

Part#	Description	Price
61360	3 Pc Brass Drift Punch Set, Includes: 25075 - 3/4" x 8" Brass Drift Punch Knurled 25076 - 1/2" x 7" Brass Drift Punch 25077 - 3/8" x 6" Brass Drift Punch	\$42.06



Punches



Chisels







## Punch & Chisel Sets

- Heavy duty, heat treated, alloy steel
- Black oxide finish for additional rust protection
- Struck ends are tempered to reduce chipping
- Select sizes fit most applications

### 6 Pc Punch & Chisel Set

Part#	Description	Price
<b>61005</b>	10205 - 1/2" x 6" Black Oxide Cold Chisel	21002 - 1/8" x 4.75" Black Oxide Pin Punch
	10209 - 5/8" x 6.5" Black Oxide Cold Chisel	21004 - 3/16" x 5.25" Black Oxide Pin Punch
	20002 - 3/16" x 5" Black Oxide Solid Punch	24002 - 3/8" x 5" Black Oxide Center Punch



### 14 Pc Punch & Chisel Set

Part#	Description	Price
<b>61044</b>	10200 - 1/4" x 5" Black Oxide Cold Chisel	21001 - 3/32" x 4.5" Black Oxide Pin Punch
	10202MAY - 3/8" x 5" Black Oxide Cold Chisel	21002 - 1/8" x 4.75" Black Oxide Pin Punch
	10205 - 1/2" x 6" Black Oxide Cold Chisel	21003 - 5/32" x 5" Black Oxide Pin Punch
	10209 - 5/8" x 6.5" Black Oxide Cold Chisel	21004 - 3/16" x 5.25" Black Oxide Pin Punch
	10212 - 3/4" x 7.5" Black Oxide Cold Chisel	21005 - 1/4" x 5-3/4" Black Oxide Pin Punch
	20001 - 1/8" x 5" Black Oxide Solid Punch	22010 - 1/8" x 7-7/8" Black Oxide Line-Up Punch
	20002 - 3/16" x 5" Black Oxide Solid Punch	24002 - 3/8" x 5" Black Oxide Center Punch



### 24 Pc Punch & Chisel Set

Part#	Description	Price
<b>61050</b>	10402MAY - 1/4" Cape Chisel	21002 - 1/8" x 4-3/4" Pin Punch
	24002 - 3/16-5 mm x 5" Center Punch	21003 - 5/32" x 5" Pin Punch
	24003 - 5/16-8 mm x 6" Center Punch	21004 - 3/16" x 5-1/4" Pin Punch
	10200 - 1/4-6 mm x 5" Cold Chisel	21005 - 1/4" x 5-3/4" Pin Punch
	10201 - 5/16-8 mm x 5" Cold Chisel	21019 - 5/16" x 6" Pin Punch
	10205 - 1/2-13 mm x 6" Cold Chisel	23001 - 3/16-5mm x 4 1/2" Prick Punch
	10209 - 5/8-22 mm x 6-1/2" Cold Chisel	20000 - 3/32-2.5mm x 5" Solid Punch
	10212 - 3/4-19 mm x 7" Cold Chisel	20001 - 1/8" x 5" Solid Punch
	10202MAY - 3/8-10 mm x 5-1/2" Cold Chisel	20005 - 5/32-4mm" x 5" Solid Punch
	10602MAY - 1/4" Diamond Point Chisel	20002 - 3/16" x 5" Solid Punch
	10502MAY - 1/4" Half Round Nose Chisel	20003 - 1/4" x 5" Solid Punch
	21001 - 3/32" x 4-1/2" Pin Punch	20105 - 5/16-8mm" x 6" Solid Punch



### 5-Pc Cold Chisel Set

- Used to cut and shape metals softer than the cutting edge of the chisel
- Not intended to be used on masonry materials
- Blast Finish • Made in the USA



Part#	Description	Price
<b>90002</b>	10402 - 1/2" x 6" Cold Chisel	70202 - 3/8" Cold Chisel
	10502 - 5/8" x 6-1/2" Cold Chisel	70212 - 3/4" Cold Chisel
	70200 - 1/4" Cold Chisel	

### 3-Pc Short Pin Punch Set

- Heat treated for maximum strength
- Shot-Blast Finish
- Carded Packaging
- Made in the USA



Part#	Description	Price
<b>89032</b>	42002 - 3/32" x 4-1/2" Pin Punch	
	42102 - 1/8" x 4-1/2" Pin Punch	\$11.59
	71000 - 1/6" Pin Punch	



### 5 Pc Punch & Chisel Set

Part#	Description	Price
<b>94202</b>	- 1/8" Solid Punch	70212 - 3/4" Cold Chisel
	74001 - 5/16" Center Punch, 5/32" Point	42202 - 1/8" x 6" Long Pin Punch
	10402 - 1/2" x 6" Cold Chisel, Carded	



## Punch Sets

### 6 Pc Pilot Punch Set

Part#	Description	Price
<b>62250</b>	25003 - 1/8" #4 x 4" Pilot Punch	25006 - 7/32" #7 x 5" Pilot Punch
	25004 - 5/32" #5 x 4-1/2" Pilot Punch	25007 - 1/4" #8 x 5-1/2" Pilot Punch
	25005 - 3/16" #6 x 4-1/2" Pilot Punch	25008 - 5/16" #9 x 6" Pilot Punch



### 9 Pc Pilot Punch Set

Part#	Description	Price
<b>62252</b>	25000 - 1/16" #1 x 2-3/4" Pilot Punch	25005 - 3/16" #6 x 4-1/2" Pilot Punch
	25001 - 5/64" #2 x 3-1/4" Pilot Punch	25006 - 7/32" #7 x 5" Pilot Punch
	25002 - 3/32" #3 x 3-1/2" Pilot Punch	25007 - 1/4" #8 x 5-1/2" Pilot Punch
	25003 - 1/8" #4 x 4" Pilot Punch	25008 - 5/16" #9 x 6" Pilot Punch
	25004 - 5/32" #5 x 4-1/2" Pilot Punch	



## 150 Line Sets

### 150 Line - 5 Pc Pin Punch Set

Part#	Description	Price
<b>15006</b>	15061 - 3/32" Pin Punch, 150 Line	15064 - 3/16" Pin Punch, 150 Line
	15062 - 1/8" Pin Punch, 150 Line	15065 - 1/4" Pin Punch, 150 Line
	15063 - 5/32" Pin Punch, 150 Line	



### 150 Line - 14 Pc Punch & Chisel Set

Part# 15070 = \$174.00 (Set Includes entire listing below)

- High-grade S-2 steel for superior tensile strength, toughness and long life
- Full shank heat treating and parabolic head to reduce mushrooming and chipping of struck end.
- Black oxide finish helps rust prevention
- Full, unconditional lifetime warranty

Part#	Description	Price
<b>15070</b>	15010 - 1/4" Cold Chisel, 150 Line	15040 - 1/8" Solid Punch, 150 Line
	15012 - 3/8" Cold Chisel, 150 Line	15041 - 3/16" Solid Punch, 150 Line
	15013 - 1/2" Cold Chisel, 150 Line	15061 - 3/32" Pin Punch, 150 Line
	15014 - 5/8" Cold Chisel, 150 Line	15062 - 1/8" Pin Punch, 150 Line
	15015 - 3/4" Cold Chisel, 150 Line	15063 - 5/32" Pin Punch, 150 Line
	15020 - 3/32" Center Punch, 150 Line	15064 - 3/16" Pin Punch, 150 Line
	15022 - 3/16" Pt Center Punch, 150 Line	15065 - 1/4" Pin Punch, 150 Line



### 3-Pc Nail Set

Mayhew's punches sets are both rugged and dependable, you be able to tackle any application from masonry to metalworking, setting, driving, removing and more.

- Different sizes available for varying applications
- Black oxide finish for rust protection
- Shot blast finish
- Made in the USA



Part#	Description	Price
47502	1/32", 2/32", and 3/32" Sizes	\$11.83

### Hammerless #2 & #3 Nail Set Combo

Mayhew's Hammerless #2 & #3 Nail Set Combo is spring powered and delivers up to 3500lb of striking force. Work with precision and accuracy by simply placing the tool on the work surface, pulling back on the spring and releasing for a safe alternative to using a hammer, avoiding the chance of miss-hits and glancing blows.



Part#	Price
17353	\$11.72

### Hammerless Hinge Pin Remover

Mayhew's Hammerless Hinge Pin Remover is spring powered and delivers up to 3500lb of striking force. Work with precision and accuracy by simply placing the tool on the work surface, pulling back on the spring and releasing for a safe alternative to using a hammer, avoiding the chance of miss-hits and glancing blows.



Part#	Price
17360	\$11.12

### Chisels

#### Brick & Mason Chisels

- Used in many masonry applications, from brick to stone to concrete
- Shot-blasted finish
- Allows for specific cuts, sizes, and scores. Different cutting-edge lengths
- Made in the USA



Part#	Description	Price	Part#	Description	Price
35002	3" x 7"	\$14.72	35602	1-3/4" x 7-1/2"	\$11.07
35102	3-1/2" x 7-1/4"	\$15.24	35702	2-1/4" x 7-3/4"	\$13.55
35202	4" x 7"	\$17.64	35802	2-3/4" x 7-1/2"	\$14.16

#### Floor Chisel

- Used to cut and trim wood and to pull tongue and groove materials together
- Shot-blast finish
- Rust preventative coating to ensure a long usage
- Made in the USA



Part#	Description	Price
94202	3" Blade x 12" Length	\$16.09

### Removeable Handguard Piece

- The Handguard absorbs the shock of the hammer blow and protects against misplaced hammer blows
- Removeable handguarded piece to use with multiple types and sizes of new and used chisels.
- Made in the USA



Part#	Price
85999	\$10.78

### Handguarded Mason Chisels

- Used in many masonry applications, from brick to stone to concrete
- Shot-blasted finish
- Made in the USA
- Allows for specific cuts, sizes, and scores. Different cutting edge lengths



Part#	Description	Overall Length	Price
35005	3" Handguarded Mason Chisel	7-3/4"	\$17.02

### Flat Utility Chisel

Our Flat Utility Chisel is used in a multitude of masonry applications, from brick to stone to concrete, and allows for specific cuts, sizes, and scores.



Part#	Description	Price
34502	1-1/8" x 12" Flat Utility Chisel	\$12.71

### Mini Utility Bar

- Used to remove nails from the hardest of woods
- Specially designed head for prying and removing the toughest nails
- Powder-coated finish
- Made in the USA



Part#	Description	Price
98602	7.5" Length	\$7.42

### Gooseneck Wrecking Bars

Mayhew's Gooseneck Wrecking Bars are available in a multitude of lengths and body sizes for the perfect tool to fit your demolition project with pulling, prying, and removing nails from hard wood with minimal damage to the wood.



Part#	Description	Price
41012	11/16" x 24" - Powdercoated Finish	\$13.55
41013	11/16" x 30" - Powdercoated Finish	\$16.59





## Scratch Awl

Used for a wide variety of applications, such as automotive and electrical work in confined spaces, scribing lines, o-ring and cotter pin removal, and to break radiator connections.

- Hardened steel shank for durability
- Made of larger shank steel for heavy-duty applications
- Also used for O-Ring and cotter pin removal and to break radiator connections
- Made in the USA



Part#	Description	Price
46502	1/4" Scratch Awl with 5-1/2" Blade	\$8.51

## Hook & Pick Set

Used for numerous operations for automotive & electrical work, especially in tight spaces and for scribing lines, o-ring and cotter pin removal, and for breaking radiator connections. They are available in many shapes & angles for ultimate use. The thick steel shank ensures the operator with optimal power & black oxide finish deters rust.



Part#	Description	Price
60003	4-Pc Mini Hook & Pick Set	\$15.81

## ProGrip Hose Pick Set

With a variety of sizes and styles available, you can rely on Mayhew's hook and pick tools for a multitude of applications, such as automotive and electrical work in confined spaces, scribing lines, removal of cotter pins, O-rings, snap rings, washers, and scrape gaskets, hoses removal, breaking radiator lines and more.



Part#	Description	Price
13096	4-Pc ProGrip Hose Pick Set	\$58.00

## Screwdriver Sets

### 6 Pc Long Slotted & Philips® Set



Part#	Description	Price
27021LT	6-Pc Long Slotted & Philips® Set	\$60.00

## Extractor Sets

### 5 Pc Spiral Screw Extractor Kit

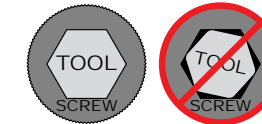
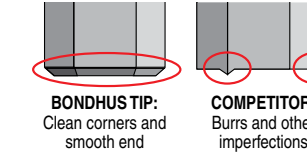
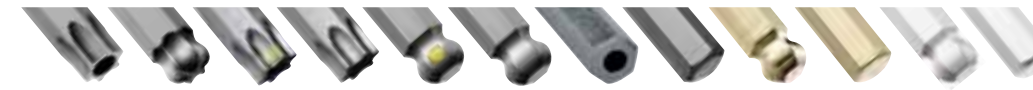


Part#	Description	Price
65085	5 Pc Spiral Screw Extractor Kit	\$15.15

## 5 Pc Screw Extractor Set



Part#	Description	Price
37332	36961 - Screw Extractor D1/8" S1/4-5/16" 36964 - Screw Extractor D5/16" S1/2-9/16" 36962 - Screw Extractor D3/16" S3/8" 36965 - Screw Extractor D3/8" S5/8" 36963 - Screw Extractor D15/64" S7/16"	\$23.46



- Available in a wide range of lengths and tip styles
- Chamfered tips for faster insertion and full tool engagement in the screw head
- Tools are made w/ custom heat-treated Protanium® Steel for more torque and longer tool life

Bondhus chamfers every Hex and TORX® Tip tool we make. This process eliminates burrs and imperfections in the tool's tip that can prevent the tool from fitting properly or seating fully within the screw head.

Every Bondhus tool is designed and machined to achieve an optimal fit between tool and fastener. Tools insert quickly and easily into screw head and fit snug to generate greater torque and minimize slippage and stripping.

## Ball End L-Wrenches

- Ball End inserts into screw at a 25° angle
- Ball End saves time by quickly funneling tool into screw
- 25° angle allows natural hand & wrist movement
- Superior Ball End strength and working angle
- Works in hard to reach places



## Inch Singles



Part#	Size	Price	Part#	Size	Price	Part#	Size	Price
15702	0.50 x 2.8	\$0.93	15708	9/64 x 4.0	\$1.12	15714	3/8 x 6.8	\$4.21
15703	1/16 x 3.0	\$0.93	15709	5/32 x 4.2	\$1.19	15715	7/16 x 7.5	\$8.68
15704	5/64 x 3.2	\$0.93	15710	3/16 x 4.5	\$1.35	15716	1/2 x 7.8	\$11.11
15705	3/32 x 3.4	\$0.97	15711	7/32 x 4.9	\$1.64	15717	9/16 x 9.0	\$13.59
15706	7/64 x 3.6	\$1.08	15712	1/4 x 5.6	\$1.89	15718	5/8 x 9.8	\$14.18
15707	1/8 x 3.8	\$1.12	15713	5/16 x 6.0	\$3.00	15719	3/4 x 11.3	\$23.43

## Metric Singles



Part#	Size	Price	Part#	Size	Price	Part#	Size	Price
15750	1.5 x 3	\$0.93	15768	6 x 5.5	\$1.99	15780	12 x 8.7	\$10.31
15752	2.0 x 3.2	\$0.93	15770	7 x 5.5	\$2.71	15782	13 x 9.4	\$12.89
15754	2.5 x 3.5	\$0.98	15772	8 x 6.0	\$3.21	15784	14 x 10.2	\$12.89
15756	3.0 x 3.9	\$1.10	15774	9 x 6.2	\$3.84			
15760	4.0 x 4.3	\$1.19	15776	10 x 6.7	\$4.67			
15764	5.0 x 4.7	\$1.49	15778	11 x 7.9	\$8.59			

## BLX13 13-Pc Long - Inch



Part#	Set Includes	Price
10937	.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"	\$15.41

## BLX15M 15-Pc Long - Metric



Part#	Set Includes	Price
10999	1.27, 1.5, 2, 2.5, 3, 3.5, 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10mm	\$13.42





## Ball End L-Wrenches

SAE

MM

### BLX22 22-Pc Metric & Inch Combo - Ball End

Part#	Set Includes	Price
20199	10937 (.050-3/8") + 10999 (1.5-10mm)	\$26.29



MM

### BLX9MXLCG 9-Pc Extra Long - Metric

Part#	Set Includes	Price
69699	1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm	\$23.37

### BLX13XLCG 13-Pc Extra Long - Inch

SAE

- Color-coded tools can be distinguished at a glance
- Sizes are stamped on the tool
- Ball End inserts into screw at a 25° angle

Part#	Set Includes	Price
69637	.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"	\$27.81



SAE

MM

### BLX22XLCG 22-Pc Metric & Inch Set

Part#	Set Includes	Price
69600	1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm .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"	\$47.80



## TORX® End L-Wrenches

- Fits all TORX® and Star screws
- Broad contact surface provides deep lobe engagement
- Straight, vertical sidewalls increase tool engagement and virtually eliminates camout



Part#	Size	Price	Part#	Size	Price	Part#	Size	Price
31710	T10 x 2.2	\$1.25	31725	T25 x 2.8	\$1.45	31740	T40 x 3.9	\$1.80
31715	T15 x 2.3	\$1.30	31727	T27 x 3.2	\$1.50	31750	T50 x 3.8	\$2.52
31720	T20 x 2.6	\$1.41	31730	T30 x 3.6	\$1.60	31760	T60 x 3.7	\$6.01

### TLX18 8-Pc Long - Torx®

Part#	Set Includes	Price
31834	T9, T10, T15, T20, T25, T27, T30, T40	\$12.61



## Ball End T-Handles Inch Singles

SAE

- Solid steel handles
- Welded handle/blade connection
- Ergonomic handle design
- Flywheel effect saves time
- Smooth, non-porous handle coating
- Handle coating extends along blade



Part#	Size	Price	Part#	Size	Price	Part#	Size	Price
53205 Hex*	3/32 x 6.1	\$4.02	53208 Hex*	9/64 x 8.3	\$4.83	53111	7/32 x 10.3	\$6.52
53206 Hex*	7/64 x 6.8	\$4.28	53109	5/32 x 9.1	\$5.31	53112	1/4 x 10.8	\$6.67
53207 Hex*	1/8 x 7.6	\$4.59	53110	3/16 x 9.8	\$5.56	53113	5/16 x 11.4	\$9.88
						53114	3/8 x 11.8	\$10.82

## Metric Singles

MM

Part#	Size	Price	Part#	Size	Price	Part#	Size	Price
53252 Hex*	2.0 x 5.9	\$4.50	53160	4.0 x 8.7	\$5.55	53172	8 x 11.2	\$10.04
53254 Hex*	2.5 x 6.8	\$4.50	53164	5.0 x 9.7	\$6.28	53176	10 x 12.1	\$10.91
53256 Hex*	3.0 x 7.7	\$4.83	53168	6.0 x 10.5	\$6.88			

\*The 3/32, 7/64, 1/8, and 9/64 inch blades, and the 2, 2.5 and 3mm blades are straight hex blades to prevent breakage.

## Hex Wrenches

### BTX10 10-Pc - Inch

SAE

Part#	Set Includes	Price
13138*	3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8"	\$46.79

### BTX80M 8-Pc - Metric

MM

Part#	Set Includes	Price
13187*	2, 2.5, 3, 4, 5, 6, 8, 10mm	\$38.34

\*The 3/32, 7/64, 1/8, and 9/64 inch blades, and the 2, 2.5 and 3mm blades are straight hex blades to prevent breakage.

## Molded T-Handle Stands

For Part# 13138 & 13187

Part#	Description	Price	Part#	Description	Price
17936	Inch Stand	\$2.97	17935	Metric Stand	\$2.97

- Extremely durable
- Used free standing or wall mounted
- Sizes are clearly marked on stand



## TORX® T-Handles ProGuard™ Finish

### TTHX8 8-Pc - Torx®

Part#	Size	Price
53205 Hex*	T9, T10, T15, T20, T25, T27, T30, T40	\$42.57

\*Comes with stand 17934

- Fits all TORX® and Star screws
- Solid steel handles
- Ergonomic handle design
- Flywheel effect saves time
- Smooth, non-porous handle coating



ProGuard™ finish delivers superior corrosion protection



TORX® Tips



## TORX® GorillaGrip® Fold Ups

- Fits all TORX® and Star screws
- World's strongest handle
- Speed-Wrench feature
- Tools open from both the top & bottom
- Molded-in 90° stop
- Patented spacers between tools



### TF8 8-Pc - Torx®

Part#	Set Includes	Price
12634	T9, T10, T15, T20, T25, T27, T30, T40	\$13.15

## Hex End GorillaGrip® Fold Ups

- Broad contact surface provides deep lobe engagement
- Fits all TORX® and Star screws
- Straight, vertical sidewalls increase tool engagement and virtually eliminates camout



### HF9 9-Pc - Inch



### Multi-Packs

Part#	Set Includes	Price	Part#	Set Includes	Price
12589	5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4"	\$6.64	12522	12589 (5/64-1/4") + 12587 (2-8mm)	\$12.93

### HF5 5-Pc - Inch



### HF7M 7-Pc Metric



Part#	Set Includes	Price	Part#	Set Includes	Price
12585	3/16, 7/32, 1/4", 5/16", 3/8"	\$9.38	12587	2, 2.5, 3, 4, 5, 6, 8mm	\$7.12

## Metal Fold Ups - ProGuard™ Finish

- Chamfered tool tips eliminate burrs & helptools seat in screw head
- Sharp corners transfer torque to screw more efficiently and reduce stripping



### MHF5 5-Pc Inch



### MHF7 7-Pc Metric

Part#	Set Includes	Price	Part#	Set Includes	Price
14585	3/16, 7/32, 1/4", 5/16", 3/8"	\$8.37	14587	2, 2.5, 3, 4, 5, 6, 8mm	\$5.70

## HexPro™ Pivot Head Wrenches

Pivot Head Hex and TORX® wrenches allow tool users to insert wrench into socket head screw one time, pivoting around obstacles.



### HP5-IC-40R 5 Pc Inch



### HP5-IC-51R 5 Pc Metric



### SP5-IC-23R 5-Pc TORX

Part#	Set Includes	Price	Part#	Set Includes	Price	Part#	Set Includes	Price
00038	3/16, 7/32, 1/4, 5/16, 3/8	\$42.32	00025	4, 5, 6, 8, 10mm	\$39.05	00023	T20, T25, T30, T40, T45	\$39.05



All Estwing hammers and axes are forged in 1 piece, that is, the head and handle are forged in one solid piece. There are no head or handle-neck connections to loosen and this is the strongest construction known. Every hammer and axe is quality tested to standards no other tool can match.

American made steel is the proven leader in quality. Sourcing our steel from the United States also supports our national manufacturing base. When we say American Made, we mean it.

Estwing's nylon-vinyl grip, with its patented Shock Reduction feature, is permanently molded and bonded to the handle shank. This exclusive grip reduces the vibration transfer from the hammer blow to the user by as much as 70%. For the professional user who wields a hammer on a daily basis this provides unsurpassed comfort. No other hammer has this grip.

Our patented end caps are added to some of our hammers. These end caps are super tough nylon, molded and bonded into the Shock Reduction Grip. The end caps on the bricklayer's hammers are used for setting bricks, and on the end of Engineer's hammers for protecting the grip. These features are designed to ensure your Estwing tool is the most durable tool on the market. We make tools that last for generations.

## Specialty Hammers



Made in Taiwan



Made in Taiwan

### Deadblow Hammers

- Steel encased in polyurethane
- Steel shot filled for maximum power
- Oil and chemical tolerant

Part#	Weight	Description	Price	Part#	Weight	Description	Price
CCD26	26 oz.	12.75" Deadblow Hammer	\$33.20	MRW12BP	12 oz.	13" Ball Peen Hammer - Triple Wedge	\$14.82
CCD45	45 oz.	14.37" Deadblow Hammer	\$39.96	MRW16BP	16 oz.	13.7" Ball Peen Hammer - Triple Wedge	\$14.90

### Ball Peen Hammers Triple Wedge

- Triple Wedge Construction
- Smooth face
- Ash handle



### AL-PRO™ Aluminum Hammer

- Aircraft alum. hammer w/ PERMA-CAP™ steel head and interlocking steel claw
- Revolutionary technology, lighter than titanium
- Vibration dampening shot is built into the head
- Magnetic nail starter in head

Part#	Head Weight	Description	Price	Part#	Weight	Description	Price
ALBLM	14 oz.	16" AL-PRO™	\$112.00	B3-4LBL	4 lbs.	16" Drilling Hammer	\$38.10



### Drilling Hammer Long Handle

- Solid America Steel
- Blue Shock Reduction Grip®



## Specialty Hammers



### Welding Chipping Hammer

- Solid America Steel
- Blue Shock Reduction Grip®

Part#	Head Weight	Size	Price
E3-WC	14 oz.	11"	\$28.34



### Ultra Series Blue Hammer

- Solid America Steel
- Sleek new profile make them lighter and more aerodynamic
- Blue Shock Reduction Grip®

Part#	Weight	Size	Price
E6-19S	19 oz.	15.5"	\$41.22



### Rip & Framing Hammers

- Solid America Steel
- Blue Shock Reduction Grip®
- Smooth Face
- Made in the U.S.A.

Part#	Head Weight	Description	Price
E3-16S	16 oz.	13" Rip Hammer	\$28.15
E3-20S	20 oz.	13.75" Rip Hammer	\$32.27
E3-22S	22 oz.	16" Framing Hammer Smooth	\$37.71



## Rubber Mallets



### Deadhead® Rubber Mallets

- Black rubber head
- Bounce resistant
- Hickory handle



Part#	Weight	Description	Price
DH-12	12 oz.	13" Deadhead® Rubber Mallet	\$14.62
DH-18	18 oz.	15" Deadhead® Rubber Mallet	\$16.24

## Splitting Tools

### Fireside Friend®

- Solid America Steel
- Hand Sharpened Edge
- Weighted axe specifically designed for splitting
- Blue Shock Reduction Grip®
- Blue Nylon Sheath Included



Part#	Cutting Edge	Description	Price
E3-FF4	2-3/8"	14" Fireside Friend® Splitting Tool	\$40.41

### Camper's Axe

- Solid America Steel
- Hand Sharpened Edge
- Blue Shock Reduction Grip®
- Blue Nylon Sheath Included



Part#	Cutting Edge	Description	Price
E44A	4"	18.75" Long Camper's Axe	\$49.60

### Sure Split Wedge®

Part#	Length	Price
E5	9"	\$17.89



## Nail Pullers

- Steel
- Japanese pattern design
- Chrome finish
- Made in Taiwan / Japan

Part#	Description	Price
PC210G	9" Pro Claw w/ Blue Cushion Grip	\$12.44
PC280G	11" Pro Claw w/ Blue Cushion Grip	\$14.69

## Handy Bars

- Forged half round for added strength
- Steel
- Made in Taiwan

Part#	Description	Price
HB-15	15" Forged Half Round Handy Bar	\$14.30



wiha



## T-Handle Wrenches

- Dual Drive - Long Arm & Short Arm Drive
- Molded on Soft Grip for Incredible Comfort
- Through Hardened Durability
- Wear Resistant Hard Chromed Finish
- Ball Ends On All Long Arms
- Vibration Absorbing Inner Core

Through the handle side torque drive

**Two Tools In One!** Two component soft grip handle

**Ball & Standard Hex In One Powerful Tool**

Wiha exclusive Chrome-V-Moly super tool steel, through hardened durability, hard chrome finish

**Maximum Comfort & Maximum Power**

## Soft Grip Ball End Hex Inch Dual Drive T-Handle

(Set Includes entire listing below) Part# 33498 = \$66.00



Part#	Size	Price	Part#	Size	Price	Part#	Size	Price
33424	1/8" x 5.9"	\$6.43	33430	3/16" x 5.9"	\$7.21	33439	5/16" x 7.9"	\$11.65
33426	9/64" x 5.9"	\$6.43	33432	7/32" x 5.9"	\$8.19	33440	3/8" x 7.9"	\$16.18
33428	5/32" x 5.9"	\$6.43	33433	1/4" x 5.9"	\$9.47			

## Soft Grip Ball End Hex Metric Dual Drive T-Handle

(Set Includes entire listing below) Part# 33496 = \$70.00



Part#	Size	Price	Part#	Size	Price	Part#	Size	Price
33442	2.0 x 150	\$6.19	33448	4.0 x 150	\$7.38	33454	8.0 x 200	\$13.77
33444	2.5 x 150	\$6.10	33450	5.0 x 150	\$8.91	33458	10.0 x 200	\$17.07
33446	3.0 x 150	\$6.75	33452	6.0 x 150	\$9.49			

## Heavy Duty Bench Vices



- Strong ductile cast iron construction
- Includes an anvil, hardened steel jaws & 360 degree swivel base

Part#	Jaw Width	Clamping Capacity	Throat Depth	Weight (approx.)	Price
BV-HD40	4"	4"	2"	13 lbs.	\$74.00
BV-HD60	6"	6"	2.375"	27 lbs.	\$118.00



## ClassiX® All-Steel Bar Clamps

Designed for heavier applications

Part#	Clamping Capacity	Throat Depth	Clamping Force	Weight (approx.)	Price
GSM20	7.5"	4.75"	2660 lbs.	5.20 lbs.	\$64.00
GSM25	9"	5.5"	2660 lbs.	5.75 lbs.	\$72.00
GSM30	12"	5.5"	2660 lbs.	6.35 lbs.	\$79.00
GSM40	16"	5.5"	2660 lbs.	6.70 lbs.	\$89.00
GSM50	20"	5.5"	2660 lbs.	7.40 lbs.	\$102.00
GSM60	24"	5.5"	2660 lbs.	8.10 lbs.	\$115.00



## Deep Reach Pipe Clamps

- Cast jaws for durability, smooth action spindle

Part#	Black Pipe Diameter	Throat Depth	Weight (approx.)	Price
PC-34DR	0.75"	2.5"	2.15 lbs.	\$21.53



Pipe Not Included

## Traditional Pipe Clamps

- Stable foot assembly
- Hex head on spindle to facilitate clamping (not to augment clamping force)
- Pads included on fixture
- Large clamping surface
- Higher (finger-saving) base compared to standard pipe clamps

Part#	Black Pipe Diameter	Throat Depth	Weight (approx.)	Price
PC12-2	0.5"	2.125"	2.02 lbs.	\$18.05



## All-Steel Double Force Variable Clamps

Part#	Rail Profile	Clamping Capacity	Throat Depth	Clamping Force	Weight (approx.)	Price
SLV100M	1.1875" x 0.5"	39.5"	4.75"	1,450 lbs.	10.5 lbs.	\$133.00
SLV150M	1.1875" x 0.5"	60"	4.75"	1,450 lbs.	13.13 lbs.	\$160.00



## Angle Clamps (WSM)

- Automatic adjustment to work pieces of different thicknesses
- Precise 90° angles

Part#	Capacity for Both Sides	Jaw Height	Max Passage	Approx Weight	Price
WSM-9	7"	1.375"	3.5"	8 lbs.	\$125.00
WSM-12	9.5"	2.375"	4.75"	16.10 lbs.	\$172.00



Vices/Clamps



T-Handle Wrenches





## Steel Spring Clamps

Part#	Clamping Capacity	Throat Depth	Weight (approx.)	Price
<b>XM3</b>	1"	1.25"	0.16 lbs.	\$2.17
<b>XM5</b>	2"	2.25"	0.36 lbs.	\$2.95
<b>XM7</b>	3"	3.3125"	0.80 lbs.	\$5.43
<b>XM10</b>	4"	5"	1.15 lbs.	\$11.47



## Lever Clamps

- Large tilting pressure plate
- Trigger protection means fewer pinched fingers
- Patented rail profile offers more clamp force
- Secure ratchet mechanism

Part#	Clamping Capacity	Throat Depth	Clamping Force	Weight (approx.)	Price
<b>LC8</b>	8"	4"	660 lbs.	2.45 lbs.	\$77.00
<b>LC12</b>	12"	5.5"	1200 lbs.	4.95 lbs.	\$95.00
<b>LC20</b>	20"	4.75"	1200 lbs.	5.80 lbs.	\$110.00
<b>LC31</b>	31"	4.75"	1200 lbs.	6.95 lbs.	\$125.00



## GSCC+K, Clutch Style

- Ergonomic 2K handle
- Nickel plated, drawn serrated rail
- Powder coated, ductile cast iron jaws
- Non-marring pads on the top and bottom jaws

Part#	Clamping Capacity	Throat Depth	Load Limit	Weight (approx.)	Price
<b>GSCC3.506+2K</b>	6"	3.5"	1100 lbs.	2.34 lbs.	\$16.17
<b>GSCC3.512+2K</b>	12"	3.5"	1100 lbs.	2.82 lbs.	\$16.89
<b>GSCC3.518+2K</b>	18"	3.5"	1100 lbs.	3.37 lbs.	\$18.42
<b>GSCC3.524+2K</b>	24"	3.5"	1100 lbs.	3.73 lbs.	\$19.21
<b>GSCC3.536+2K</b>	36"	3.5"	1100 lbs.	4.50 lbs.	\$23.06



## EZS Clamps

Part#	Clamping Capacity	Throat Depth	Clamping Force	Spread Capacity	Weight (approx.)	Price
<b>EZS15-8</b>	6"	3.5"	445 lbs.	6.5"-14"	1.53 lbs.	\$23.06
<b>EZS30-8</b>	12"	3.5"	445 lbs.	6.5"-20"	1.79 lbs.	\$25.74
<b>EZS45-8</b>	18"	3.5"	445 lbs.	6.5"-25.75"	2.00 lbs.	\$28.86
<b>EZS60-8</b>	24"	3.5"	445 lbs.	6.5"-31.75"	2.28 lbs.	\$31.57
<b>EZS90-8</b>	36"	3.5"	445 lbs.	6.5"-43.5"	2.80 lbs.	\$36.75



## Magnetic Square

- Quality magnetic multi-angle square for fast, simple set-up
- Size of magnet is approximately 4-3/4 x 3-1/4 x 9/16"

Part#	Pull	Dimensions	Weight (approx.)	Price
<b>WMS-7</b>	41 lbs.	4.75" x 3.25" x 0.5625"	0.69 lbs.	\$8.60



## Tool Trays

- Sizes are marked on posts for instant identification
- Post height on 1/2" drive trays reduced to fit most tool chests
- Tough ABS plastic resists gas, oil and abuse
- Edge tangs for easy handling
- Post bases are beefed-up to hold sockets more securely



### 3/8" Drive Hex & Torx Tray

**Holds (23) Sizes:**  
SAE Hex Socket Sizes: 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8"  
Metric Hex Socket Sizes: 4, 5, 6, 7, 8, 9 & 10  
Torx Socket Sizes: 27, 30, 40, 45, 47, 50, 55 & 60

Part#	Tray Dimensions	Price
<b>5000</b>	9-1/4" L x 3-1/4" W x 5/8" H	\$11.68

### 1/2" Drive Reg. & Deep Fractional Socket Tray



No Sockets Included

**Holds (28) Sizes:** 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-1/4"

Part#	Tray Dimensions	Price
<b>1201</b>	18-1/8" L x 4" W x 3-5/8" H	\$19.44

### 1/2" Drive Reg. & Deep Metric Socket Tray



No Sockets Included

**Holds (34) Sizes:** 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25 & 27mm

Part#	Tray Dimensions	Price
<b>1202</b>	20-1/2" L x 3-1/2" W x 3-5/8" H	\$19.44

### 3/8" Drive Reg. & Deep Fractional Socket Tray



No Sockets Included

**Holds (26) Sizes:** 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1"

Part#	Tray Dimensions	Price
<b>3801</b>	13-1/4" L x 3" W x 3" H	\$18.14

### 3/8" Drive Reg. & Deep Metric Socket Tray



No Sockets Included

**Holds (30) Sizes:** 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 & 20mm

Part#	Tray Dimensions	Price
<b>3802</b>	13-1/4" L x 3" W x 3" H	\$18.14

### 1/4" Drive Reg. & Deep Fractional Socket Tray



No Sockets Included

**Holds (26) Sizes:** 1/8", 5/32", 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16", 5/8"

Part#	Tray Dimensions	Price
<b>1401</b>	9-1/8" L x 2-3/16" W x 2-1/2" H	\$18.14

### 1/4" Drive Reg. & Deep Metric Socket Tray



No Sockets Included

**Holds (28) Sizes:** 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 & 15mm

Part#	Tray Dimensions	Price
<b>1402</b>	9-1/8" L x 2-3/16" W x 2-1/2" H	\$18.14

### 3 Pc Regular & Deep Fractional Socket Trays



No Sockets Included

**Includes Trays:**  
Item #1201, #1401, #3801

Part#	Price
<b>9301</b>	\$42.84

### 3 Pc Regular & Deep Metric Socket Trays



No Sockets Included

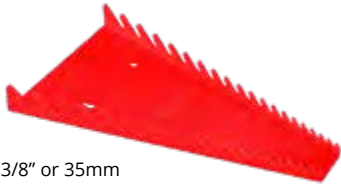
**Includes Trays:**  
Item #1202, #1402, #3802

Part#	Price
<b>9302</b>	\$42.84





## Wrench Tray



- Easy wrench organization
- Holds large wrenches up to 1-3/8" or 35mm
- Spot missing tools
- Fuel and solvent resistant

Part#	Color	Price
<b>5066</b>	15-Tool (Red)	\$9.40
<b>5063</b>	19-Tool (Red)	\$11.50

## Wrench Tray



- Easy wrench organization
- Designed for a standard set of 16 wrenches
- Space saving reverse design
- Spot missing tools
- Fuel and solvent resistant

Part#	Color	Price
<b>5161</b>	REVERSE 16-Tool (Black)	\$9.40
<b>5064</b>	19-Tool (Black)	\$11.50

## 15 Tool GRIPPER Reverse Wrench Organizer



- Durable, flexible teeth
- Easy wrench removal - Secure fit
- Folding space saver handle
- Soft, non-marring material
- Fuel and solvent resistant

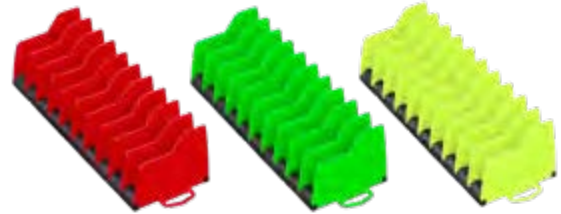
Part#	Color	Price
<b>5189</b>	Black	\$11.50

## GRIPPER Stubby Wrench Organizer



- Durable, flexible teeth
- Easy wrench removal
- Secure fit
- Folding space saver handle
- Soft, non-marring material
- Fuel and solvent resistant

Part#	Size	Price
<b>5072</b>	7-Tool (Red)	\$9.75
<b>5074</b>	10-Tool (Red)	\$9.92



## 10-Tool Plier Pro®

- No-slip plier storage for toolbox drawers
- Holds up to 10 tools in place
- Premium rubber base on this rack grips tools
- Accommodates a wide variety of tools

Part#	Color	Price
<b>5500</b>	Red/Black	\$16.65
<b>5501</b>	Green	\$16.65
<b>5505HV</b>	Hi-Viz	\$16.65

## GRIPPER Wrench Organizers



- Durable, flexible teeth
- Easy wrench removal
- Secure fit
- Folding space saver handle
- Soft, non-marring material
- Fuel and solvent resistant

Part#	Size	Price
<b>5080</b>	7-Tool (Red)	\$9.96
<b>5084</b>	9-Tool (Red)	\$9.96
<b>5086</b>	11-Tool (Red)	\$11.01
<b>5013</b>	13-Tool (Red)	\$11.50
<b>5088</b>	15-Tool (Red)	\$11.50

## Forward/Reverse Gripper Wrench Pack



- Durable, flexible teeth
- Easy wrench removal
- Secure fit
- Space saving design
- Soft, non-marring material
- Fuel and solvent resistant

Part#	Color	Price
<b>8540</b>	Red/Black	\$19.55

## 8" Magnetic Socket Organizer with (9) Socket Clips - 3/8"



- Magnetic Mount
- Simple and Secure
- Twist your sockets into a locked position!
- Socket clips will adjust to any position
- Easy to transport
- Hangs vertically for convenient storage
- (9) 3/8" Drive Twist Lock Socket Clips

Part#	Color	Price
<b>8411M</b>	Red	\$17.59
<b>8427M</b>	Black	\$17.59

## 13" Magnetic Socket Organizer w/ Twist Lock Clips - 1/2"



- Magnetic Mount
- Simple and Secure
- Twist your sockets into a locked position!
- Socket clips will adjust to any position
- Easy to transport
- Hangs vertically for convenient storage
- (11) 1/2" Drive Twist Lock Socket Clips

Part#	Color	Price
<b>8416M</b>	Red	\$18.57
<b>8425M</b>	Black	\$18.57

## 18" 2-Rail Twist Lock Socket Boss 1/2"



- Push button release to remove any rail
- Unlimited configuration options
- Sockets are loaded with the drive end down
- Sockets are secure – even when turned upside down!
- Instantly recognize sockets
- Transportable
- Secure & Versatile

Part#	Color	Price
<b>8454</b>	Red	\$24.45

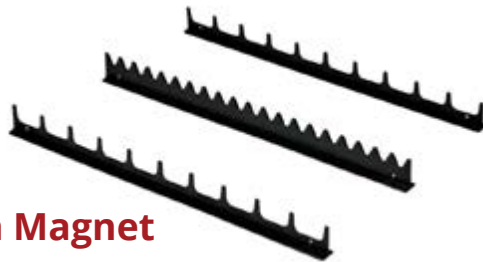
## Side Mount Ratchet and Extension Holder



- Hold ratchets and extensions with socket sets
- Easy to add-on and reposition
- Visual identification of missing tools
- Compact tool storage

Part#	Color	Price
<b>8353</b>	Black	\$5.76

## 20 Tool Screwdriver Rail Set with Magnet



- 3-piece rail set holds up to 20 screwdrivers
- Ideal for storing screwdrivers in toolbox drawers
- Fits most drawers and can be cut down for a custom fit
- Magnetic mount

Part#	Color	Price
<b>6011M</b>	Black	\$19.55



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## THE WORLD LEADER IN CORDLESS INNOVATION



**PORTABLE  
 PRODUCTIVITY.**  
 TRADE FOCUSED.  
 SYSTEM WIDE.

Pages 115-130



**PERFORMANCE  
 DRIVEN.**  
 TRADE FOCUSED.  
 SYSTEM WIDE.

Pages 131-169

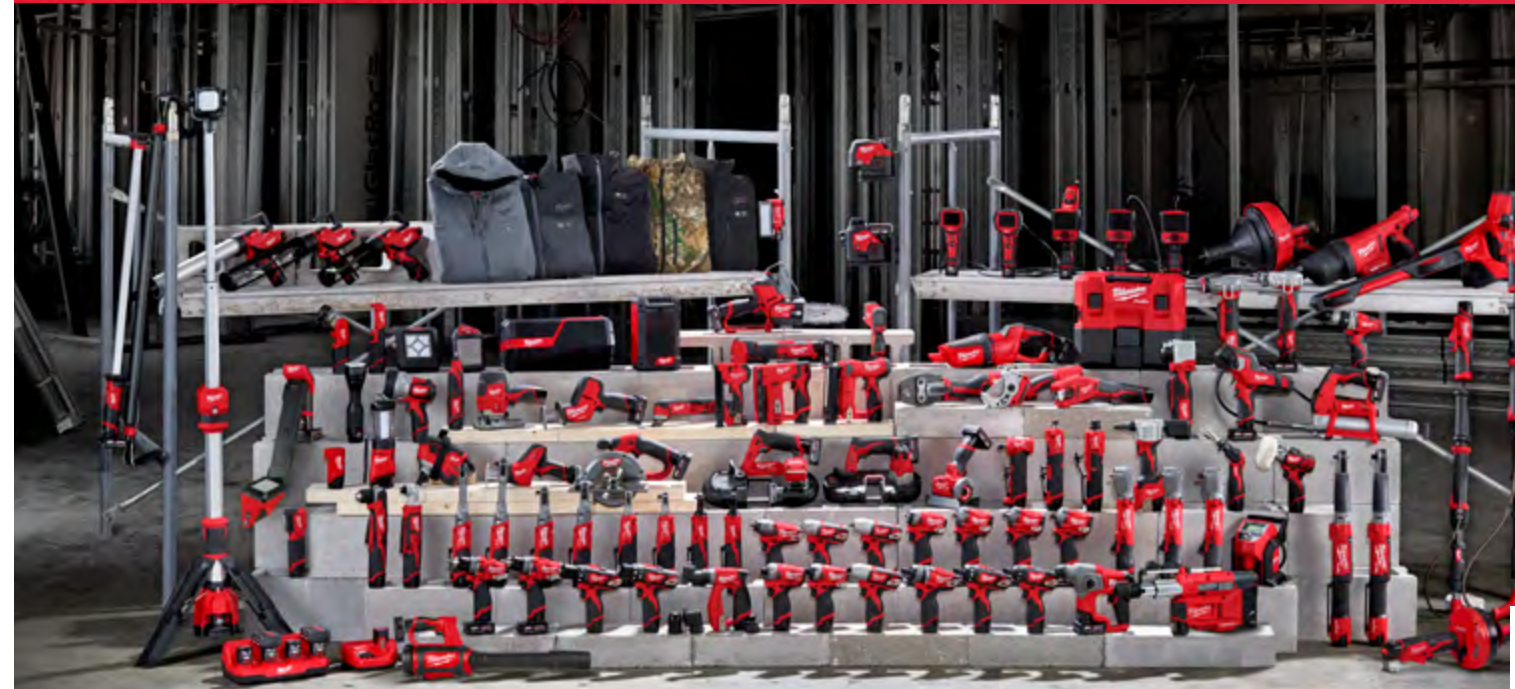


**EQUIPMENT  
 REDEFINED.**  
 TRADE FOCUSED.  
 SYSTEM WIDE.

Pages 170-173



Milwaukee  
 Nothing but HEAVY DUTY.



**M12** PORTABLE PRODUCTIVITY  
 TRADE FOCUSED  
 SYSTEM WIDE

**ALL M12 TOOLS FIT  
 M12 BATTERIES**  
 100+ TOOLS

### 2-Tool Combo Kit - 1/2" Hammer Drill and 1/4" Hex Impact Driver

Part# 2598-22 = \$237.00

**Includes:** (1) 1/2" Hammer Drill,  
 (1) 1/4" Hex Impact Driver (Tool Only), (1) M12™ REDLITHIUM™  
 CP2.0 Battery, (1) M12™ REDLITHIUM™ XC 4.0 Extended  
 Capacity Battery Pack, (2) Belt Clip, (1) Contractor Bag



### Installation Drill/Driver Kit

Part# 2505-22 = \$230.00  
 Part# 2505-20  
 (Tool Only) = \$169.00

Max Torque	300 in-lbs
RPM (2-Model)	0 - 400 / 0 - 1,600
Attachments	3/8" Metal Chuck, 1/4" Hex, Offset and Right Angle
Length/Weight	5.1" / 2.0 lbs.



**Kit Includes:** (2) M12™ REDLITHIUM™ CP2.0 Battery Packs,  
 (4) Attachments (3.8" Metal Chuck, 1/4" Hex, Offset and Right  
 Angle), Belt Clip, Charger, Compartmentalized Contractor Bag

### 1/2" Drill/Driver

Part# 3404-22 = \$186.00  
 Part# 3404-20 (Tool Only) = \$144.00

Peak Torque	350 in-lbs
RPM	0 - 1,700
Chuck Type	1/2" Metal Single Sleeve - Ratcheting Chuck
Length/Weight	6.6" / 2.3 lbs.

**Kit Includes:** 1) M12™ REDLITHIUM  
 Compact Battery Pack, (1) M12™ REDLITHIUM™ XC 4.0 Extended  
 Capacity Battery Pack, (1) Charger, (1) Belt Clip, (1) Carrying Case



### 3/8" Right Angle Drill/Driver

Part# 2415-20 (Tool Only) = \$98.00

Peak Torque	100 in-lbs
RPM	0 - 800
Clutch Settings	11 Settings + Drill Mode
Chuck Type	3.8" Single Sleeve
Head Profile	3.8"
Weight	2.4 lbs.



Power Tools



Power Tools





### 5/8" SDS Plus Rotary Hammer Kit

Part# 2416-21XC = \$260.00  
Part# 2416-20 (Tool Only) = \$193.00

RPM	0 - 900
BPM	0 - 6,200
2-Mode Operation	Rotary Hammer and Rotation Only
Length/Weight	10.0" / 3.9 lbs.



Kit Includes: (1) M12™ REDLITHIUM™ XC 4.0 Battery Pack, Charger, Contractor Bag

### 1/4" Hex Impact Driver Kit

Part# 3453-22 = \$166.00  
Part# 3453-20 (Tool Only) = \$135.00

Fastening Torque	1,300 in-lbs
IPM	0 - 4,000
RPM	0 - 3,300
Chuck Type	1/4" Hex Quick Change
Length/Weight	5.1" / 1.8 lbs.



Kit Includes: (2) M12™ REDLITHIUM™ CP2.0 Battery Packs, Belt Clip, Charger, Carrying Case

### SURGE™ 1/4" Hex Hydraulic Driver Kit

Part# 2551-22 = \$186.00  
Part# 2551-20 (Tool Only) = \$144.00

Sustained Fastening Torque	450 ft-lbs
IPM, RPM	0 - 3,400, 0 - 3,200
Chuck Type	1/4" Hex Quick Change
Length/Weight	5.2" / 2.4 lbs.



Kit Includes: (2) M12™ REDLITHIUM™ CP2.0 Battery Packs, Belt Clip, Charger, Contractor Bag

### 1/4" Hex Right Angle Impact Driver

Part# 2467-20 (Tool Only) = \$98.00

Fastening Torque	600 in-lbs
IPM	0 - 3,300
RPM	0 - 2,450
Chuck Type	1/4" hex
Weight	2.6 lbs.



### 1/4" Hex 2-Speed Screwdriver

Part# 2402-22 = \$207.00  
Part# 2402-20 (Tool Only) = \$138.00

Peak Torque	325 in-lbs
RPM	0 - 450 / 0 - 1,700
Chuck Type	1/4" Hex Quick Change
Length/Weight	6.6" / 2.0 lbs.



Kit Includes: (2) M12™ REDLITHIUM™ CP2.0 Battery, (1) M12™ Lithium-ion Battery Charger

### 1/4" Stubby Impact Wrench Kit

Part# 2552-22 = \$301.00  
Part# 2552-20 (Tool Only) = \$169.00

Peak Torque	100 ft-lbs
IPM, RPM	0 - 4,300, 0 - 3,200
Anvil Type	1/4" Friction Ring
Length/Weight	5.1" / 1.8 lbs.



Kit Includes: (1) M12™ REDLITHIUM™ XC4.0 Battery Pack, (1) M12™ REDLITHIUM™ CP2.0 Battery Pack, Belt Clip, Charger, Soft Carrying Case

### 3/8" Stubby Impact Wrench Kit

Part# 2554-22 = \$331.00  
Part# 2554-20 (Tool Only) = \$188.00

Peak Torque	250 ft-lbs
IPM, RPM	0 - 3,200, 0 - 2,700
Anvil Type	3/8" Friction Ring
Length/Weight	4.8" / 2.1 lbs.



Kit Includes: (1) M12™ REDLITHIUM™ XC4.0 Battery Pack, (1) M12™ REDLITHIUM™ CP2.0 Battery Pack, Belt Clip, Charger, Soft Carry Case

### 1/2" Stubby Impact Wrench Kit

Part# 2555-22 = \$331.00  
Part# 2555-20 (Tool Only) = \$188.00

Peak Torque	250 ft-lbs
IPM, RPM	0 - 3,200, 0 - 2,700
Anvil Type	1/2" Friction Ring
Length/Weight	4.9" / 2.1 lbs.



Kit Includes: 1/2" Stubby Impact Wrench, (1) M12™ REDLITHIUM™ XC4.0 Battery Pack, (1) M12™ REDLITHIUM™ CP2.0 Battery Pack, Belt Clip, Charger, Soft Carrying Case

### 3/8" Right Angle Impact Wrench w/Friction Ring Kit

Part# 2564-22 = \$350.00  
Part# 2564-20 (Tool Only) = \$207.00

Fastening Torque	220 ft-lbs
RPM	3000
Anvil Type	3/8" Ring
Length/Weight	13.28" / 2.83 lbs.



Kit Includes: (2) M12™ REDLITHIUM™ CP2.0 Battery Packs, M12™ Lithium-ion Charger, Contractor Bag

### 1/2" Right Angle Impact Wrench with Friction Ring Kit

Part# 2565-22 = \$350.00  
Part# 2565-20 (Tool Only) = \$207.00

Fastening Torque	220 ft-lbs
RPM	3000
Anvil Type	1/2" Ring
Length/Weight	13.28" / 2.85 lbs.



Kit Includes: (2) M12™ REDLITHIUM™ CP2.0 Battery Packs, M12™ Lithium-ion Charger, Contractor Bag

### 1/4" High Speed Ratchet

Part# 2566-20 (Tool Only) = \$188.00

Fastening Torque	35 ft-lbs
RPM	0 - 450
Anvil Type	1/4" Ball Detent
Head Profile	0.75"
Length / Weight	11.1" / 2.1 lbs.



### 3/8" Ratchet Kit

Part# 2557-22 = \$289.00  
Part# 2557-20 (Tool Only) = \$188.00

Fastening Torque	55 ft-lbs
RPM	0 - 200
Anvil Type	3/8" Ball Detent
Head Profile	1.1"
Length/Weight	11.8" / 2.8 lbs.



Kit Includes: (2) M12™ REDLITHIUM™ CP2.0 Battery Packs, Charger, Contractor Bag

### 3/8" High Speed Ratchet

Part# 2567-20 (Tool Only) = \$188.00

Fastening Torque	0 - 35 ft
RPM	0 - 450
Anvil Type	3/8" Ball Detent
Head Profile	0.75"
Length/Weight	10.7" / 1.7 lbs.



### 3/8" Extended Reach Ratchet

Part# 2560-20 (Tool Only) = \$235.00

Fastening Torque	55 ft-lbs
RPM	0 - 200
Anvil Type	3/8" Ball Detent
Head Profile	0.76"
Length/Weight	15.1" / 3.1 lbs.



### 1/2" Ratchet Kit

Part# 2558-22 = \$301.00  
Part# 2558-20 (Tool Only) = \$188.00

Fastening Torque	60 ft-lbs
RPM	0 - 175
Anvil Type	1/2" Ball Detent
Head Profile	1.1"
Length/Weight	12.5" / 3.1 lbs.



Kit Includes: (2) M12™ REDLITHIUM™ CP2.0 Battery Packs, Charger, Contractor Bag





### 3/8" Digital Torque Wrench w/ONE-KEY™

Part# 2465-20 (Tool Only) = \$660.00

Torque Range	10 - 100 ft.-lbs.
RPM	0 - 100
Tool Accuracy	CW: +/-2% of Full Scale / CCW: +/-3% of Full Scale (Range: 20% - 100% of Full Scale)
Ratcheting Angle	4.5°
Anvil Size	3/8" Ball Detent
Measuring Units	ft.-lbs, in.-lbs, Nm, kg-cm
Length / Weight	23.3" / 5.5 lbs.



### INSIDER™ Extended Reach Box Ratchet

Part# 3050-20 (Tool Only) = \$282.00

Fastening Torque	60 ft.-lbs.
RPM	0 - 350
Anvil Type	Interchangeable 1/4, 3/8, 1/2, 1/4 Hex

Kit Includes: 1/4" & 3/8" Anvil Adapter  
8-19mm, 21mm Sockets



### INSIDER™ Box Ratchet 1/2" Anvil Adapter

Part# 49-16-1662 = \$9.43



### 8-Pc INSIDER™ Box Ratchet Socket SAE Set

Part# 49-16-1640 = \$41.99

### 1/2" Digital Torque Wrench w/ ONE-KEY

Part# 2466-20 (Tool Only) = \$660.00

Torque Range	12.5 - 150 ft.-lbs
RPM	0 - 100
Tool Accuracy	CW: +/-2% of Full Scale / CCW: +/-3% of Full Scale (Range 20% - 100% of Full Scale)
Ratcheting Angle	4.5°
Anvil Size	1/2" Ball Detent
Measuring Units	ft.-lbs, in.-lbs, Nm, kg-cm
Length/Weight	23.5" / 5.7 lbs



### Rivet Tool

Part# 2550-20 (Tool Only) = \$241.00

Pull Force	2,000 lbs.
1/8" Rivets per Charge	450
Stroke Length	0.8"
Length/Weight	6.5" / 4.5 lbs.



### 1/4" Straight Die Grinder Kit

Part# 2486-22 = \$320.00

Part# 2486-20 (Tool Only) = \$188.00

Power Output	0.3 HP
RPM	21,000
Collet Size	1/4"
Height/Length	2" / 10.3"
Weight	1.2 lbs

Kit Includes: (2) M12™ REDLITHIUM™ CP2.0 Battery Packs, (2) Wrenches, Charger, Contractor Bag



### 1/4" Right Angle Die Grinder Kit

Part# 2485-22 = \$320.00

Part# 2485-20 (Tool Only) = \$188.00

Power Output	0.3 HP
RPM	0 - 24,500
Collet Size	1/4"
Accessory Size	2"
Height/Length	8.7" / 4.5"
Weight	1.7 lbs

Kit Includes: (2) M12™ REDLITHIUM™ CP2.0 Battery Packs, (2) Wrenches, Charger, Contractor Bag



### 1/8" Collet & Nut Assembly for 2485 & 2486

Part# 48-66-2486 = \$18.20

RPM	0 - 24,500
-----	------------

Changing wrenches sold separately



### Grease Gun Kit

Part# 2446-21XC = \$241.00

Part# 2446-20 (Tool Only) \$141.00

Output Pressure	Over 8,000 PSI
Run-Time	Up to 7 Grease Cartridges Per Charge
Grease Capacity	14 oz Cartridge, 16 oz Bulk, 16 oz Suction
Air Bleeder Valve	Yes
Weight	7.2 lbs

Kit Includes: (1) M12™ REDLITHIUM™ XC3.0 Battery Pack, 36" Flex Hose with Spring Guard, Grease Coupler, Charger, Carrying Case



### Sub-Compact Band Saw Kit

Part# 2429-21XC = \$261.00

Part# 2429-20 (Tool Only) = \$198.00

SFPM	280
Blade Size	27"
Cut Capacity	1-5/8" x 1-5/8"
Length/Weight	11.0" / 6.7 lbs.

Kit Includes: (1) M12™ REDLITHIUM™ XC3.0 Battery Pack, 18 TPI Sub-Compact Portable Band Saw Blade, Charger, Carrying Case



### Deep Cut Extreme Thick Band Saw Blade

Part# 48-39-0711 = \$19.38



### Compact Band Saw

Part# 2529-20 (Tool Only) = \$235.00

SFPM	0 - 570
Blade Size	30-9/16"
Cut Capacity	2-1/2" x 2-1/2"
LED Light	Yes
Hang Hook	Yes
Reamer Attachment Compatibility	Yes



### 8/10 TPI Compact Extreme Thick Metal Band Saw Blade - 3 Pk.

Part# 48-39-0630 = \$19.53

### 12/14 TPI Compact Extreme Thick Metal Band Saw Blade - 3 Pk.

Part# 48-39-0631 = \$19.53

### Rotary Tool

Part# 2460-20 (Tool Only) = \$97.00

Speed Settings	6
RPM	5,000 - 32,000
Collet	1/8", Universal
Length/Weight	9.5" / 1.3 lbs.





### Brushless 2" Planer

Part# 2524-20  
(Tool Only) = \$189.00

RPM	14,500
Blade	2 Carbide
Depth	0 - 5/64" / 21 Settings
Length / Weight	10.9" / 3.38 lbs.



### Oscillating Multi-Tool

Part# 2526-20  
(Tool Only) = \$140.00

Kit Includes: (1) OPEN-LOK™ 1-3/8" HCS Wood Blade 1PK, (1) Multi-Tool Sanding Pad, (1) 3-1/2" 60 Grit, (1) 3-1/2" 80 Grit, (2) 3-1/2" 120 Grit, & (1) 3-1/2" 240 Grit Triangle Sandpaper



### HACKZALL® 1-Handed Recip Saw Kit

Part# 2520-20 (Tool Only) = \$144.00

SPM	0 - 3,000
Stroke Length	5/8"
Keyless Blade Clamp	QUIK-LOK™ (Accepts all SAWZALL® Blades)
Length/Weight	8.9" / 3.4 lbs.



### High Performance Jig Saw

Part# 2545-20 (Tool Only) = \$159.00

SPM	800 - 3,000
Stroke Length	7/8"
Bevel Capacity	0°, 15°, 30°, 45°
Length/Weight	8.8" / 4.2 lbs.



### 5-3/8" Circular Saw

Part# 2530-20  
(Tool Only) = \$144.00

RPM	3,600
Bevel Capacity	50°
Cut Capacity	1-5/8" at 90°; 1-1/8" at 45°
Arbor	10 mm
Blade Guards	Aluminum
Weight	6.2 lbs.



### 1/2" x 18" Bandfile

Part# 2482-20 (Tool Only) = \$235.00

Settings	2 Speed (H = 3,600 SFM L = 1,800 SFM)
Forward/Reverse	Yes
Variable Speed	Yes
Access	Tool-Free 360°
Belt Change	Tool-Free
Weight	2.01 lbs.



### 3/8" x 13" Bandfile

Part# 2483-20 (Tool Only) = \$235.00

Settings	2 Speed (H = 3,600 SFM L = 1,800 SFM)
Forward/Reverse	Yes
Variable Speed	Yes
Access	Tool-Free 360°
Belt Change	Tool-Free
Weight	1.89 lbs.



Call Store for In-Stock Replacement Bandfile Belts

### 3" Compact Cut-off Tool Kit

Part# 2522-21XC = \$229.00  
Part# 2522-20 (Tool Only) = \$140.00

RPM	20,000
Arbor Size	3/8"
Cut Depth	0.64"
Length/Weight	8.9" / 2.4 lbs.



Kit Includes: (1) M12™ REDLITHIUM™ XC4.0 Battery Pack, Dust Accessory Shoe, (3) Accessory Blades (Metal Cut-Off, Carbide Abrasive, Diamond Tile), Blade Wrench, Charger, Contractor Bag



### Palm Nailer

Part# 2458-20 (Tool Only) = \$148.00

Impact Energy	2.2 ft-lbs. (3.0 J)
BPM	0 - 2,700
Collet Capacity	6D - 16D
Head Profile	3/4"
Magnetic Tip	Yes
Weight	3.4 lbs.



### Orbital Detail Sander

Part# 2531-20 (Tool Only) = \$140.00

Trigger	Variable Speed
Speed Settings	4 Speed
Height/Weight/Length	4.5", 8.9", 1.67 lbs



### Assorted 80, 120 & 180 Grit Mesh Sanding Sheets for M12 FUEL™ Orbital Detail Sander 12-Pk

Part# 48-80-5405 = \$8.78



### 3/8" Crown Stapler

Part# 2447-20 (Tool Only) = \$117.00

Staple Crown Size	3/8" Flat Crown
Staple Length	1/4" - 9/16"
Staple Type	T-50
Length / Weight	7.3" / 3.0 lbs



### 23 Gauge Pin Nailer

Part# 2540-21 = \$280.00  
Part# 2540-20 (Tool Only) = \$229.00

Nail Diameter	23 Gauge
Nail Size	1/2" - 1-3/8"
Magazine Size	120 Nails
Magazine Loading	Side Load
Firing Modes	Sequential
Length/Weight	8.7" / 3.8 lbs.



Kit Includes: (1) M12™ REDLITHIUM™ CP1.5 Battery Pack, Reversible Belt Clip, Jam Clearing Guide, Hex Wrench, Secondary Tip, Charger, Contractor Bag

### 18 Gauge Compact Brad Nailer

Part# 2541-20 = \$250.00

Nail Diameter	18 Gauge
Nail Size	5/8 - 1-1/2
Magazine Loading	Side
Firing Modes	Sequential or Contact Actuation



### Cable Stapler

Part# 2448-22 = \$299.00  
Part# 2448-20 (Tool Only) = \$229.00

Firing Mode	Sequential
Magazine Capacity	45
Magazine Loading	Front Load
Run-Time	1,200 Staples per Charge on M12™ CP2.0 Battery
Length/Weight	6.5" / 5.0 lbs.

Kit Includes: (1) M12™ REDLITHIUM™ CP2.0 Battery Pack, Charger, Carrying Case



### 1" Insulated Cable Staples

Part# MNM1-600 = \$14.35





**Soldering Iron**

Part# 2488-20  
(Tool Only) = \$107.00

Max Temperature	750° F
Heat Output	90 Watts
Heat-Up Time	18 Seconds
Interchangeable Tips	Chisel and Point
Length/Weight	11.6" / 0.9 lbs



**16 Gauge Variable Speed Nibbler**

Part# 2476-20  
(Tool Only) = \$216.00

Cut Capacity	16 ga Mild Steel, 18 ga Stainless Steel, 12 ga Aluminum
Run Time	160' Per Charge on a M12 XC4.0 Battery
Minimum Hole	3-1/4"
Length/Weight	10.75" / 2.7lbs



**10 oz. Caulk and Adhesive Gun**

Part# 2441-20 (Tool Only) = \$155.00

Force	400 lbs.
Inches Per Minute	0 - 29
Speed Settings	6
Auto-Reverse Anti-Drip	Yes
Weight	4.1 lbs.



**Spot Polisher**

Part# 2438-22 = \$238.00  
Part# 2438-20  
(Tool Only) = \$183.00

Polishing RPM	0 - 2,800
Sanding RPM	0 - 8,300
Length/Weight	5.1" / 2.4 lbs.



**12:1 Infrared Temp-Gun™**

Part# 2278-20  
(Tool Only) = \$101.00

Temp Range	-22°F to 1022°F
MIN MAX AVG DIF	Yes
Alarm Hi - Lo	Yes



**9V 12:1 Infrared Temp-Gun™**

Part# 2268-20 = \$101.00

Temp Range	-22°F to 1022°F
MIN MAX AVG DIF	Yes
Alarm Hi - Lo	Yes



**OUTDOOR POWER EQUIPMENT**



**HATCHET™ 6" Pruning Saw**

Part# 2527-21 = \$260.00  
Part# 2527-20 (Tool Only) = \$193.00

Bar Length	6"
Length/Weight	16.56" / 4.1 lbs

**Kit Includes:** (1) M12™ REDLITHIUM™ XC 4.0 Battery Pack, (1) M12™ Charger, (1) Oregon 6" Bar & Chain, (1) Scabbard, and (1) Srench.



**6" Chainsaw Guide Bar**

Part# 49-16-2733 = \$22.75



**6" Chainsaw Chain**

Part# 49-16-2732 = \$22.75



**Brushless Pruning Shears**

Part# 2534-21 = \$241.00  
Part# 2534-20 (Tool Only) = \$163.00

Cut Capacity	1-1/4"
Trigger	Variable Speed
Length/Weight	14.5" / 3.3 lbs.



**8" Hedge Trimmer**

Part# 2533-21  
\$241.00

Cut Capacity	1/2
SPM	2,700
Length/Weight	23" / 3.6 lbs



**1 Gallon Handheld Sprayer**

Part# 2528-21G1 = \$183.00



**2 Gallon Handheld Sprayer**

Part# 2528-21G2 = \$192.00

Spray Distance	17' / 80 PSI
Pressure Adj.	3-Mode
Flow Rate	.1 - .3 GPM
Gallons Per Charge	80
Weight	6.2 lbs.



**1 Gallon Handheld Sprayer Tank**

Part# 49-16-2761 = \$38.40



**2 Gallon Handheld Sprayer Tank**

Part# 49-16-2762 = \$48.00



**Compact Spot Blower**

Part# 0852-20 (Tool Only) = \$97.00

Modes	2 & Variable Speed Trigger
Max Air Speed	110 MPH
Max Air Volume	175 CFM





# PLUMBING & MECHANICAL SOLUTIONS



## Plastic Pipe Shear

Part# 2470-21 = \$240.00  
Part# 2470-20 (Tool Only) = \$203.00

Cut Capacity	Up to 2" Schedule 80 PVC
Torque	1,900 in-lbs
Blade	3mm Reinforced Stainless Steel
Length/Weight	14.4" / 4.4 lbs.



## Copper Tubing Cutter

Part# 2471-21 = \$224.00  
Part# 2471-20 (Tool Only) = \$144.00

Cut Capacity	3/8" - 1" (1/2" - 1-1/8" O.D.)
Tubing Type	M, L and K Copper
RPM	500
Length/Weight	14.0" / 3.2 lbs.



## ProPEX® Expander with 1/2"-1" RAPID SEAL™ ProPEX® Expander Heads

Part# 2532-22 = \$565.00  
Part# 2532-20 (Tool Only) = \$499.00

Capacity	3/8" - 1"
Auto Rotate	Built-In
Trigger	Dual Actuating
Dimensions (L x W x H)	7.1" x 3.7" x 12.8"
Weight	4.5 lbs.

**Kit Includes:** (3) ProPEX® Expander Heads w/ RAPID SEAL™ (1/2", 3/4", 1") ProPEX® Expander Cone Grease, Carrying Case; **2532-22** (2) M12™ REDLITHIUM™ CP2.0 Battery Packs, Charger



## AIRSNAKE™ Drain Cleaning Air Gun Kit

Part# 2572B-21 = \$330.00

Max Drain Line Capacity	1" - 4", Up to 35'
Automatic Pressure Loading	Yes
Variable Pressure	0 - 50 PSI
Variable Pressure Dial	Yes
LED Light	Yes
Length / Weight	20.8" / 7.1 lbs.

**Includes:** 2572B-21 (1) M12™ REDLITHIUM™ CP2.0 Battery Pack, Charger;

**All Kits Includes:** 1" - 2" Drain Plug, 2" - 3" Drain Plug, 3" - 4" Drain Plug, Drain Shroud Attachment, Toilet Seal Attachment, 10" Extension, (3) Straight Connectors, 15° Offset Connector, Carrying Case



## Force Logic Press Tool Kit

Part# 2473-22 = \$2,170.00  
Part# 2473-20 (Tool Only) = \$1709.00

Capacity	1/2" - 1-1/2" Varies by Material
Calibration Interval	32,000 Cycles (LED Indicator)
Approx. Cycle Time	5 Seconds
Press Force	5,400 lbs.
Length / Weight	12.8" / 3.8 lbs.

**Includes:** 2473-22 (3) Jaws (1/2", 3/4", 1"); **2473-20** (No Jaws Included)  
**All Kits Includes:** (2) M12™ REDLITHIUM™ CP1.5 Battery Packs, Charger, Carrying Case

### Related Accessories:

- 49-16-2450** 1/2" CTS-V Press Jaw
- 49-16-2451** 3/4" CTS-V Press Jaw
- 49-16-2452** 1" CTS-V Press Jaw
- 49-16-2453** 1-1/4" CTS-V Press Jaw
- 49-16-2450B** 1/2" IPS-P Press Jaw
- 49-16-2451B** 3/4" IPS-P Press Jaw
- 49-16-2452B** 1" IPS-P Press Jaw
- 49-16-2496B** 1/2"-1" IPS-P Press Jaw Kit
- 49-16-2451C** 1/2" PEX-Crimp Press Jaw
- 49-16-2453C** 3/4" PEX-Crimp Press Jaw
- 49-16-2454C** 1" PEX-Crimp Press Jaw
- 49-16-2455C** 1-1/4" PEX-Crimp Press Jaw
- 49-16-2456C** 1-1/2" PEX-Crimp Press Jaw

Power Tools



## Stick Transfer Pump

Part# 2579-20 (Tool Only) = \$189.00

Gallons Per Minute	9
Pump Capacity	15'
Hose Outlet	3/4"
Submersible Length	36"
Length / Weight	48.8" / 4.2 lbs.



Power Tools







# ELECTRICAL SOLUTIONS



## Cable Stripper Kit

Part# 2435CU-21S = \$453.00

Variable Speed Trigger	Yes
Tool Free Depth Gauge	Yes
Compatible	Industry Standard
Dimensions (L x W x H)	8.6" x 2.8" x 11.5"
Weight	3.6 lbs.

**Includes:** 2435CU-21S

1/0 AWG - 750 MCM Cu THHN / XHHW Bushings

**Kit Includes:** (1) M12™ REDLITHIUM™

CP2.0 Battery Pack, Multi-Voltage Charger, Carrying Case



## 600 MCM Cable Cutter

Part# 2472-21XC = \$500.00

Cut Capacity	600 MCM Copper, 750 MCM Aluminum, 1-3/16" Communication Cable
Jaw Opening	1-7/16"
Two-Speed	Yes
Length	10.5"
Weight	6.7 lbs.

**Kit Includes:**

M12™ REDLITHIUM™ XC3.0 Battery Pack, Charger, Carrying Case

**Related Accessory:**

48-44-0410 (1) M12™ 600 MCM Cable Cutter Blade \$73.00

## Cable Stripper Kit

Part# 2435AL-21S = \$500.00

Variable Speed Trigger	Yes
Tool Free Depth Gauge	Yes
Compatible	Industry Standard
Dimensions (L x W x H)	8.6" x 2.8" x 11.5"
Weight	3.6 lbs.

**Includes:** 2435AL-21

1/0 AWG - 750 MCM AI THHN / XHHW Bushings

**Kit Includes:** (1) M12™ REDLITHIUM™

CP2.0 Battery Pack, Multi-Voltage Charger, Carrying Case



## PACKOUT™ Flood Light with USB Charging

Part# 2356-20 = \$122.00



## Mounting Fan

Part# 0820-20 (Tool Only) = \$86.00

Max Air Flow	400 CFM
Speed Settings	High, Medium, Low
Runtime	16 hours on a M12 XC6.0 Battery



## Work Light

Part# 49-24-0146 (Tool Only) = \$38.40

Lumens	100
Hands Free	Integrated Magnet
Head Rotation	90°



## Underhood Light

Part# 2125-20 (Tool Only) = \$189.00

Part# 2125-21XC (Kit) = \$265.00

Lumens	1,350
Modes	High, Low
Mounting	Hooks

**Kit Includes:** (1) M12™ XC4.0 Battery Pack and Charger



## Underbody Light

Part# 2126-20 (Tool Only) = \$189.00

Lumens	1,200 / 800 / 600
Modes	High, Medium, Low
Water & Dust Rating	IP54
Mounting	Magnetic Base

## Compact Inflator Kit

Part# 2475-21XC = \$206.00

Part# 2475-20 (Tool Only) = \$117.00

PSI Rating	0 - 120 PSI 26" Hose
Duty Cycle	50% at 10 Minutes on and 10 Minutes Off
Height/Weight	7.5" / 2.2 lbs



**Kit Includes:** (1) M12™ REDLITHIUM™

XC4.0 Battery Pack, (4) Attachments: (Ball Inflation Needle, Presta Chuck, Inflator Nozzle, Schrader Chuck), Charger

## M-Spector™ 360 4' Inspection Camera

Part# 2323-21 (Kit) = \$237.00

Screen Size	4.3" LCD Screen
Camera Head Dia.	10mm
Cable Length	4 ft.



## Stick Light

Part# 2351-20 (Tool Only) = \$48.00

Lumens	220
Length/Weight	9.3" / 0.6 lbs



## Trouble Light w/ USB Charging

Part# 2362-20 = \$57.00

Lumens	400 / 200 / 40 / 400
Modes	High, Medium, Low, Strobe
Run-Time	Up to 67 Hours
Beam Pattern	Adjustable Task - Area
Water & Dust Rating	IPX4
Hands-Free	2 Hooks for Hanging
USB Charger	2.1A USB Charging Port for External Devices
Length / Weight	10.5" / 1.0 lb



Charges **USB**

## ROVER™ Light w/ USB Charging

Part# 2367-20 = \$66.00

Lumens	700
Runtime	Up to 24 Hours
Height	5.26"



## ROVER™ Flood Light

Part# 2364-20 (Tool Only) = \$76.00

Lumens	1,000 / 400 / 200
Modes	High, Medium, Low
Length/Weight	7.5" / 2.2 lbs



## Spot Light

Part# 2353-20 (Tool Only) = \$66.00

Lumens	750 / 400 / 750
Modes	High, Low, Strobe
Beam Distance	700 yd / 640 m
Length/Weight	6.1" / 1.4 lbs



Power Tools

Power Tools





**Penlight**

Part# 2105 = \$18.20

Lumens	100
Height	5.4"

Includes: (2) AAA Batteries



**Headlamp**

Part# 2103 = \$25.20

Lumens	350 / 150 / 25
Modes	High, Medium, Low

Includes: (4) Hard Hat Clips, (3) AAA Batteries



**Rechargeable 250L Penlight with Laser**

Part# 2010R = \$43.50

Lumens:	250 High, 50 Low
Run Time	2 hours on High 8 hours on Low



**REDLITHIUM™ USB 3.0 Battery**

Part# 48-11-2131 = \$26.00

Amp Hours	3
Voltage	4v



**REDLITHIUM™ USB Portable Power Source and Charger Kit**

Part# 48-59-2013 = \$49.92

Cell Chemistry	LITHIUM-ION
On-Board Indicator Light	Yes
Cell Voltage Monitoring	Yes
USB Charging Port	2.1A USB Charging Port for External Devices
Height	3.9"

Includes: (1) REDLITHIUM® USB Battery, REDLITHIUM® USB Portable, 2 ft Heavy Duty USB Cord, Power Source and Charger



**USB Rechargeable ROVER™ Magnetic Flood Light Kit**

Part# 2112-21 = \$61.00

Lumens	445 / 100
Modes	High, Low
Height	6.0"

Includes: (1) REDLITHIUM™ USB Battery, 2 ft Heavy Duty USB Cord



**USB Rechargeable ROVER™ Pivoting Flood Light Kit**

Part# 2114-21 = \$61.00

Lumens	550 / 250 / 100
Modes	High, Medium, Low
Height	4.4"

Includes: (1) REDLITHIUM™ USB Battery, 2 ft HD USB Cord



**USB Rechargeable Pivoting Flashlight Kit**

Part# 2113-21 = \$70.00

Lumens	500 / 400 / 100
Modes	Spot - High, Flood - High, Flood - Low
Height	6.3"

Inc: (1) REDLITHIUM™ USB Battery Pack, 2' USB Cord



**USB Rechargeable 1100L Twist Focus Flashlight**

Part# 2161-21 = \$70.00

Lumens	800, 100
Spot Beam Distance	150 m

Includes: (1) REDLITHIUM® USB 3.0AH Battery, (1) 2FT Heavy Duty USB Cord



**USB Stick Light**

Part# 2128-20 (Tool Only) = \$86.00

Lumens:	550
Vertical Rotation	220°
Run Time	2 hours on High

**USB Rechargeable BEACON™ Hard Hat Light Kit**

Part# 2116-21 = \$87.00

Lumens / Modes	Hybrid Spot/Flood: 600-Lumens- 2 hrs; Flood High: 400-Lumens- 4 hrs; Flood Medium: 200-Lumens- 8 hrs; Flood Low: 25-Lumens- 20 hrs; Spot High: 400-Lumens- 4 hrs; BEACON™ Light: 30+ hours
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Inc: (1) REDLITHIUM™ USB Rechargeable Battery, 2 ft HD USB Cord, Hard Hat Clips



**REDLITHIUM™ USB 400L Neck Light**

Part# 2117-21 = \$87.00

Lumens:	400
Vertical Rotation	130°
Run Time	8 hours

Includes: (1) REDLITHIUM™ USB Battery, 2 ft Heavy Duty USB Cord



**Green 360° Single Plane Laser**

Part# 3631-21 = \$443.00

Part# 3631-20 (Tool Only) = \$358.00

- All Day Runtime - 30+ Hours
- Tether Ready Lanyard Hole Eliminates Drops
- 165 ft. Range with Detector
- Amplified Rare Earth Magnets
- Will Not Slide on Steel Studs
- IP54 Rated: Water and Dust Resistant
- 1/4-20 & 5/8-11 Thread Mount
- 3 Year Warranty
- Brightest Green Laser Optimized for Distance
- 125 ft. Working Range
- Accuracy: +/- 1/8" @ 33 ft
- Self Leveling: +/- 4° Tilt
- 1m Impact Resistance
- Fits all M12™ batteries



**Green Cross & Plumb Points Line Laser**

Part# 3622-21 = \$443.00

Part# 3622-20 (Tool Only) = \$348.00

- All Day Runtime - 15+ Hours
- Brightest Green Laser Optimized for Distance
- Micro Control - Pivots on Point
- 125 ft. Working Range
- 165 ft Range with Detector
- Accuracy: +/- 1/8" @ 33 ft
- Amplified Rare Earth Magnets Will Not Slide on Steel Studs
- 2" Plumb Point Access
- Self Leveling: +/- 4° Tilt
- 1m Impact Resistance
- 3 Year Warranty



**Green Cross Line & 4-Points Laser**

Part# 3624-21 = \$490.00

Part# 3624-20 (Tool Only) = \$442.00

- All Day Runtime - 9+ Hours
- Micro Control - Pivots on Point
- 125 ft. Working Range
- Accuracy: +/- 1/8" @ 33 ft
- 210 Degree Horizontal Fan Angle, 165 Degree Vertical Fan Angle
- Self Leveling: +/- 4° Tilt
- 1m Impact Resistance
- 3 Year Tool Warranty
- 2 Year Battery Warranty
- Brightest Green Laser Optimized for Distance
- Vertical & horizontal lines + 4-points to level, align, plumb and square.
- 165 ft. Range with Detector
- Amplified Rare Earth Magnets Will Not Slide on Steel Studs
- 2" Plumb Point Access
- IP54 Rated: Water and Dust Resistant
- 1/4 - 20 & 5/8-11 Thread Mount



**Green 360° 3-Plane Laser**

Part# 3632-21 = \$543.00

- All-Day Run-Time - 15+ Hours
- Brightest Green Laser Optimized for Distance
- Micro Control - Pivots on Point
- 125 ft. Working Range (Radius)
- 165 ft Range with Detector (Radius)
- Accuracy: +/- 1/8" @ 33 ft
- Amplified Rare Earth Magnets Will Not Slide on Steel Studs
- Self Leveling: +/- 4° Tilt
- 1m Impact Resistance
- 3 Year Tool Warranty
- 3 Year Battery Warranty



**360° Bracket for Laser Levels**  
Part# 48-35-1311 = \$50.00



**360° Bracket for Laser Levels**  
Part# 48-35-1313 = \$19.50



USB



**REDLITHIUM USB Rechargeable Green 3-Point Laser**

Part# 3510-21 = \$215.00

- 15+ Hr Runtime Removable, Rechargeable Battery
- High Intensity Green
- Integrated Adj. Clearance
- 150 ft Working Range
- Accuracy: +/- 1/8" @ 33 ft
- 1/4-20 Thread Mount
- Locking Pendulum
- Self Leveling: +/- 4° Tilt
- Internally charges USB batteries = micro-USB port
- 2 Year Tool Warranty
- 2 Year Warranty on REDLITHIUM™ USB battery



**Green Cross Line and Plumb Points Laser**

Part# 48-35-1111 \$13.50



**12 Ft. Telescoping Laser Pole**

Part# 49-35-1511 \$126.00

**REDLITHIUM USB Rechargeable Green Cross Line & Plumb Points Laser**

Part# 3522-21 = \$340.00

- 8+ Hr Runtime Removable, Rechargeable Battery
- 100 ft Working Range
- 165 ft Range with Detector
- Accuracy: +/- 1/8" @ 33 ft
- 1/4-20 Thread Mount
- Locking Pendulum
- 2" Plumb Point Access w/ Riser
- Self Leveling: +/- 4° Tilt
- Internally charges USB batteries = micro-USB port
- 2 Year Tool Warranty
- 2 Year Warranty/USB battery



**Green Cross Line Laser**

Part# 3421 = \$203.00

- 8+ Hrs of Runtime
- Amplified Rare Earth Magnets Slide Resistant
- 165 ft. Range with Detector
- Self Leveling: +/- 4° Tilt
- 1m Impact Resistance
- 2 Year Tool Warranty
- High Intensity Green
- 100 ft. Working Range
- Accuracy: +/- 1/8" @ 33 ft
- Locking Pendulum
- IP54 Rated: Water and Dust Resistant
- Includes (4) AA Batteries



**165 Ft. Laser Line Detector**

Part# 48-35-1211 \$146.00



**M18 PERFORMANCE DRIVEN TRADE FOCUSED SYSTEM WIDE** **ALL M18 TOOLS FIT M18 BATTERIES 200+ TOOLS**

Power Tools

Power Tools



REDLITHIUM CP2.0 Battery Pk #48-11-2420 \$59.00

REDLITHIUM CP1.5 Battery 2-Pk #48-11-2411 \$80.00



REDLITHIUM XC4.0 Battery Pk #48-11-2440 \$79.00

REDLITHIUM HIGH OUTPUT CP2.5 Battery Item# 48-11-2425 \$76.00

REDLITHIUM XC3.0 Battery Pk #48-11-2402 = \$71.00

REDLITHIUM XC6.0 Battery Pk #48-11-2460 = \$105.00

REDLITHIUM XC3.0 Battery 2-Pk #48-11-2412 = \$116.00

REDLITHIUM HIGH OUTPUT XC5.0 Battery Item# 48-11-2450 \$114.00



**M18 FUEL 1-1/2" Lineman Magnetic Drill Kit**  
Part# 2788-22HD = \$2,706.00

Capacity	1-1/2" Annular Cutter; 1/2" Twist Bit
RPM	400 / 690
Magnet	Operates w/o Electricity
Dimensions (L x W x H)	13.8" x 7.5" x 15.5"
Weight	30.4 lbs

**Kit Includes:** (2) M18™ REDLITHIUM HIGH OUTPUT™ XC8.0 Battery, (1) Safety Strap, (1) Magnetic Lubrication Tank, (1) Chuck Key, (1) Carrying Case, (1) Rapid Charger, (1) 3/4" Weldon to 1/2" Chuck adapter, (2) 1" retractable pilot pin, (1) 12V Inverter



**M18 FUEL 1-5/8" Electromagnetic Drill Kit**  
Part# 4272-21 = \$999.00

Capacity	1-1/2" Annular Cutter; 1/2" Twist Bit
RPM	400 / 690
Magnet	Operates w/o Electricity
Dimensions (L x W x H)	13.8" x 7.5" x 15.5"
Weight	30.4 lbs

**Includes:** Safety Strap, Lubrication Spray Bottle, Chuck Key, Carrying Case, 3/4" Weldon to 1/2" Chuck adapter, (2) 1" Retractable Pilot Pin

**MILWAUKEE'S BEST-IN-CLASS DRILLING AND FASTENING SOLUTIONS**



**M18 FUEL**

*Milwaukee*

**3/8" Right Angle Drill/Driver Kit**

Part# 2615-20 (Tool Only) = \$144.00

Peak Torque	125 in-lbs
RPM	0 - 1,500
Clutch Settings	11 Settings plus Drill Mode
Chuck Type	3/8" Single Sleeve
Head Profile	3-3/4"
Length/Weight	4.3 lbs



**HOLE HAWG™ Right Angle Drill with QUIK-LOK**

Part# 2808-20 (Tool Only) = \$282.00

RPM	1 - 1,500
Chuck Type	7/16" QUIK-LOK™
Capacity	For Augers up to 1-1/4"; Self-Feed Bits up to 2"
Built-In LED	Yes
Length/Weight	15.6" / 7.1 lbs

**Mud Mixer with 180° Handle**

Part# 2810-20 (Tool Only) = \$207.00

RPM	0 - 550
DRIVE CONTROL™	8-Speed Dial
Handle Type	180° Rotating Handle
Chuck Type	1/2" Keyed
Length/Weight	16.6" / 7.7 lbs



**SUPERHAWG™ Right Angle Drill with QUIK-LOK™**

Part# 2809-20 (Tool Only) = \$405.00

RPM	1 - 1,550
Chuck Type	1/2" All Metal Keyed
Capacity	For Self-Feed Bits up to 4-5/8"; Hole Saws up to 6-1/4"
Length/Weight	20.5" / 14.4 lbs

**HOLE HAWG™ 1/2" Right Angle Drill**

Part# 2807-20 (Tool Only) = \$282.00

RPM	1 - 1,500
Chuck Type	1/2" All Metal Keyed
Capacity	For Augers up to 1-1/4"; Self-Feed Bits up to 2"
Built-In LED	Yes
Length/Weight	15.6" / 7.7 lbs



**SUPERHAWG™ 1/2" Right Angle Drill with QUIK-LOK™**

Part# 2811-20 (Tool Only) = \$405.00

RPM	0 - 1,550
Chuck Type	7/16" Hex QUIK-LOK™
Capacity	For Self-Feed Bits up to 4-5/8"; Hole Saws up to 6-1/4"
Length/Weight	20.5" / 14.9 lbs



**2-Pc Combo Kit**

Part# 3697-22 = \$399.00

**Includes:** 1/2" Hammer Drill/Driver, 1/4" Hex Impact Driver  
**Also Includes:** M18™ and M12™ Multi-Voltage Charger, (2) M18™ REDLITHIUM XC5.0 Extended Capacity Battery Packs, Carrying Case



**7-Pc Combo Kit**

Part# 3697-27 = \$1,149.00

**Includes:** 1/2" Hammer Drill/Driver, 1/4" Hex Impact Driver, SAWZALL® Recip Saw, 6-1/2" Circular Saw, 4-1/2" / 5" Braking Grinder Paddle Switch, No-Lock, 1/2" Mid-Torque Impact Wrench w/ Friction Ring, Work Light, REDLITHIUM™ XC5.0 Extended Capacity Battery Pack, M18™ & M12™ Multi-Voltage Charger, Bag



**5-Pc Combo Kit**

Part# 3697-25 = \$851.00

**Includes:** 1/2" Hammer Drill/Driver, 1/4" Hex Impact Driver, SAWZALL® Recip Saw, 6-1/2" Circular Saw, Work Light  
**Also Includes:** M18™ and M12™ Multi-Voltage Charger, (2) M18™ REDLITHIUM XC5.0 Extended Capacity Battery Packs, Bag, Side Handle, Belt Clip, Circular Saw Blade, Blade Wrench

**1/2" Hammer Drill/Driver Kit**

Part# 2904-22 = \$299.00

Part# 2904-20 (Tool Only) = \$192.00

Peak Torque	1,200 in-lbs
RPM	0 - 550 / 0 - 2,000
BPM	0 - 32,000
Chuck Type	1/2" All Metal Ratcheting
Length/Weight	6.9" / 4.8 lbs



**Kit Includes:** (2) M18™ REDLITHIUM™ XC5.0 Extended Capacity Battery Packs, Belt Clip, Bit Holder, Side Handle, Multi-Voltage Charger, Carrying Case

Power Tools

Power Tools

*Milwaukee*

*Milwaukee*



### 1" SDS Plus D-Handle Rotary Hammer

Part# 2713-20 (Tool Only) = \$235.00



Capacity	1"
Impact Energy	2.15 ft-lbs
RPM	0 - 1,500
BPM	0 - 4,400
Length/Weight	16.5" / 8.5 lbs

**Kit Includes:** (2) M18™ REDLITHIUM™ XC5.0 Battery Pack, (1) M18™ & M12™ Multi-Voltage Charger, (1) Side Handle, (1) Depth Rod, (1) Carrying Case

### 1-1/4" SDS Plus D-Handle Rotary Hammer with ONE-KEY™

Part# 2916-20 (Tool Only) = \$471.00



Capacity	1-1/4"
Impact Energy	3.65 ft-lbs
RPM	0 - 810
BPM	0 - 4,650
Length / Weight	18.3" / 9.2

**Related Accessory:** 2509-22 M12™ HAMMERCLEAN™ Universal Dust Extractor

### 1" SDS Plus Rotary Hammer

Part# 2912-22 = \$601.00  
Part# 2912-20 (Tool Only) = \$329.00



RPM	0 - 1,330
BPM	0 - 4,800
Impact Energy	2 ft-lbs
3-Mode Operation	Rotary Hammer, Hammer Only & Rotation Only
Weight	6.8 lbs.

**Kit Includes:** (2) M18™ 6.0 Battery Pack, (1) M18™ & M12™ Multi-Voltage Rapid Charger, (1) Side Handle, (1) Depth Rod, (1) Carrying Case

### 1-9/16" SDS Max Hammer Drill Kit

Part# 2717-22HD \$851.00



RPM	0 - 450
BPM	0 - 3,000
Impact Energy	5.1 ft-lbs
2-Mode Operation	Rotary Hammer and Hammer
Weight	13.8 lbs

**Includes:** 2679-22 (2) M18™ REDLITHIUM™ HIGH OUTPUT™ XC8.0 Battery Packs, Side Handle, Depth Rod, Rapid Charger, Carrying Case

### 1-1/8" SDS Plus Rotary Hammer

Part# 2915-22 = \$581.00  
Part# 2915-20 (Tool Only) = \$340.00



RPM	0 - 1,350
BPM	0 - 5,000
Impact Energy	3.3 ft-lbs
3-Mode Operation	Rotary Hammer, Hammer Only & Rotation Only
Weight	10.1 lbs

**Kit Includes:** (2) M18™ 6.0 Battery Pack, (1) M18™ & M12™ Multi-Voltage Rapid Charger, (1) Side Handle, (1) Depth Rod, (1) Carrying Case



### 1-3/4" SDS MAX Rotary Hammer with ONE KEY™ Kit

Part# 2718-22HD = \$1,102.00



Impact Energy	8.1 ft-lbs
RPM	0 - 380
BPM	0 - 2,900
Clutch	AUTOSTOPTM E-Clutch
Vibration	10 m/s2
2-Mode Operation	Rotary Hammer and Hammer Only
Weight	19.7 lbs

**Includes:** 2718-22HD (2) M18™ REDLITHIUM™ HIGH OUTPUT™ HD12.0 Batteries, 2718-21HD (1) M18™ REDLITHIUM™ HIGH OUTPUT™ HD12.0 Batteries; **All Kits Include:** Side Handle, Grease Tube, Rapid Charger, Carrying Case



### 4' Concrete Pencil Vibrator

Part# 2910-20 (Tool Only) = \$377.00

VPM	0 - 12,500
Head Diameter	1"
Square Head	Yes
Shaft Length	4 ft
Variable Speed Trigger	Yes
Overload Protection	Yes
Weight	11.1 lbs

### 8' Concrete Pencil Vibrator

Part# 2911-20 (Tool Only) = \$424.00

VPM	0 - 12,500
Head Diameter	1"
Square Head	Yes
Shaft Length	8 ft
Variable Speed Trigger	Yes
Overload Protection	Yes
Weight	14.3 lbs



### Drywall Screw Gun Kit

Part# 2866-22 = \$300.00

Part# 2866-20 (Tool Only) = \$150.00

RPM	0 - 4,500
Belt Clip	Yes
Auto Start Mode	Yes
Length / Weight	9.0" / 4.1 lbs

**Includes:** 2866-22 (2) M18™ REDLITHIUM™ XC5.0 Battery Packs; **Kit Includes:** Belt Clip, PR2 Bit, Multi-Voltage Charger, Contractor Bag

### 1/4" Hex Impact Driver Kit

Part# 2953-22 = \$299.00

Part# 2953-20 (Tool Only) = \$144.00

Max Torque	2,000 in-lbs
IPM	0 - 4,300
RPM	0 - 3,600
DRIVE CONTROL™	4-Mode
Chuck Type	1/4" Hex
Single Handed Bit Insertion	Yes
Length/Weight	4.6" / 3.8 lbs

**Kit Includes:** (2) M18™ REDLITHIUM™ XC5.0 Extended Capacity Battery Packs, Belt Clip, Bit Holder, Multi-Voltage Charger, Carrying Case





### 1/4" Hex Impact Driver with ONE-KEY™ Kit

Part# 2857-20  
(Tool Only) = \$188.00



Max Torque	2,000 in-lbs
IPM	0 - 4,300
RPM	0 - 3,600
DRIVE CONTROL™	4-Mode (Customizable)
Chuck Type	1/4" Hex
Single Hand Bit Insertion	Yes
Length/Weight	4.6" / 3.8 lbs

**Kit Includes:** (2) M18™ REDLITHIUM™ XC5.0 Battery Packs, Belt Clip, Bit Holder, Multi-Voltage Charger, Carrying Case

### SURGE™ 1/4" Hex Hydraulic Driver Kit

Part# 2760-22 = \$330.00  
Part# 2760-20 (Tool Only) = \$150.00



Sustained Max Torque	450 in-lbs
IPM, RPM	0 - 4,000, 0 - 3,000
DRIVE CONTROL™	4-Mode
Length/Weight	5.0" / 3.9 lbs

**Kit Includes:** (2) M18™ REDLITHIUM™ XC5.0 Battery Packs, Belt Clip, Bit Holder, Multi-Voltage Charger, Carrying Case

### 3/8" Compact Impact Wrench w/ Friction Ring Kit

Part# 2854-22R = \$424.00  
Part# 2854-20 (Tool Only) = \$212.00



Fastening Torque	210 ft-lbs
Nut-Busting Torque	250 ft-lbs
IPM, RPM	0 - 3,500, 0 - 2,400
DRIVE CONTROL™	4-Mode
Anvil Type	3/8" Square Friction Ring
Length/Weight	4.8" / 2.4 lbs

**Kit Includes:** (2) M18™ REDLITHIUM™ XC5.0 Extended Capacity Battery Packs, Multi-Voltage Charger, Carrying Case

### 3/8" Mid-Torque Impact Wrench w/ Friction Ring Kit

Part# 2960-22R = \$480.00  
Part# 2960-20 (Tool Only) = \$235.00



Fastening Torque	600 ft-lbs
Nut-Busting Torque	550 ft-lbs
IPM, RPM	0 - 3,100, 0 - 2,575
DRIVE CONTROL™	4-Mode
Length/Weight	6" / 3.4 lbs

**Kit Includes:** (2) M18™ REDLITHIUM™ XC5.0 Extended Capacity Battery Packs, Multi-Voltage Charger, Carrying Case

### 1/2" Compact Impact Wrench w/ Friction Ring

Part# 2855-20 (Tool Only) = \$212.00



Fastening Torque	250 ft-lbs
Nut-Busting Torque	250 ft-lbs
IPM, RPM	0 - 3,500, 0 - 2,400
DRIVE CONTROL™	4-Modes
Length/Weight	4.9" / 2.4 lbs

### 1/2" Mid-Torque Impact Wrench w/ Friction Ring Kit

Part# 2962-22R = \$480.00  
Part# 2962-20 (Tool Only) = \$235.00



Fastening Torque	650 ft-lbs
Nut-Busting Torque	550 ft-lbs
IPM, RPM	0 - 3,100, 0 - 2,575
DRIVE CONTROL™	4-Mode w/ Auto Shut-Off Mode & Bolt Removal Mode
Length/Weight	6.0" / 5.1 lbs

**Kit Includes:** (2) M18™ REDLITHIUM™ XC5.0 Battery Packs, Belt Clip, Multi-Voltage Charger, Carrying Case

### 1/2" High Torque Impact Wrench w/ Friction Ring Kit

Part# 2767-22R = \$500.00  
Part# 2767-20 (Tool Only) = \$263.00



Fastening Torque	1,000 ft-lbs
Nut-Busting Torque	1,400 ft-lbs
IPM, RPM	0 - 2,100, 0 - 1,750
DRIVE CONTROL™	4-Modes w/ Bolt Removal Mode
Anvil Type	1/2" Friction Ring
Length/Weight	8.4" / 7.5 lbs

**Kit Includes:** (2) M18™ REDLITHIUM™ XC5.0 Battery Packs, Multi-Voltage Charger, Carrying Case

### 1/2" High Torque Impact Wrench w/ Friction Ring Kit

Part# 2967-21F = \$500.00  
Part# 2967-22 = \$500.00  
Part# 2967-20 (Tool Only) = \$282.00



Model #	2967-20 / 22 w/ (2) 48-11-1850	2967-21F with (1) 48-11-1861
Power		
Max Nut Busting Torque	1,500 ft-lbs	1,600 ft-lbs
Max Fastening Torque	1,100 ft-lbs	1,200 ft-lbs
Speed		
IPM's - Impacts p/ Minute	0-2,400 IPM	0-2,400 IPM
RPM's - No Load Speed	0-2,000 RPM	0-2,000 RPM
Dimensions		
Overall Length (OAL)	7.6"	7.6"
Weight (Bare Tool)	5.9 lbs	5.9 lbs
Weight w/Kitted Battery	7.5 lbs	8.0 lbs
Features		
Tri-LED Work Light	Yes	Yes
Battery Isolation System	Yes	Yes

### 1/2" Extended Anvil Controlled Torque Impact Wrench w/ ONE-KEY™

Part# 2769-20 (Tool Only) = \$377.00



Fastening Torque	750 ft-lbs
Nut-Busting Torque	1,100 ft-lbs
IPM	0 - 2,400
RPM	0 - 1,800
DRIVE CONTROL™	4-Mode (Customizable)
Anvil Type	1/2" Friction Ring
Length / Weight	10.1" / 5.8 lbs

**Includes:** (2) M18™ REDLITHIUM™ XC5.0 Battery Packs, Multi-Voltage Charger, Contractor Bag

### 3/4" High Torque Impact Wrench with Friction Ring with ONE-KEY™ Kit

Part# 2864-22R = \$601.00  
Part# 2864-20 (Tool Only) = \$329.00



Fastening Torque	1,200 ft-lbs
Nut-Busting Torque	1,600 ft-lbs
IPM, RPM	0 - 1,850
DRIVE CONTROL™	4-Modes (Customizable)
Length/Weight	8.6" / 7.9 lbs

**Kit Includes:** (2) M18™ REDLITHIUM™ XC5.0 Battery Packs, Belt Clip, Multi-Voltage Charger, Carrying Case



### 1" High Torque Impact Wrench with ONE-KEY™ Kit

Part# 2867-20 (Tool Only) = \$754.00



Fastening Torque	1,500 ft-lbs
Nut-Busting Torque	1,800 ft-lbs
IPM, RPM	0 - 2,450, 0 - 1,650
DRIVE CONTROL™	4-Modes (Customizable)
Length/Weight	10.9" / 12.9 lbs

### 1" D-Handle High Torque Impact Wrench with ONE-KEY™ Kit

Part# 2868-22 = \$1,427.00  
Part# 2868-20 (Tool Only) = \$848.00



Fastening Torque	0-1,900 ft-lbs
Nut-Busting Torque	0-2,000 ft-lbs
No Load IPM, RPM	0 - 1,440, 0 - 1,200
DRIVE CONTROL™	4-Mode Customizable
Length/Weight	17.94" / 21 lbs

**Kit Includes:** (2) M18 REDLITHIUM™ HIGH OUTPUT™ HD12.0 Battery Pack, (1) Multi-Voltage Charger, (1) Tool-Free Adjustable Handle, (1) Lanyard Loop, (1) Contractor Bag

### 1" D-Handle Extended Anvil High Torque Impact Wrench w/ONE-KEY™ Kit

Part# 2869-22 = \$1,427.00  
Part# 2869-20 (Tool Only) = \$848.00



Fastening Torque	0-1,900 ft-lbs
Nut-Busting Torque	0-2,000 ft-lbs
No Load IPM, RPM	0 - 1,440, 0 - 1,200
DRIVE CONTROL™	4-Mode Customizable
Length/Weight	17.94" / 21 lbs

**Kit Includes:** (2) M18™ HD12.0 Battery Pks, Multi-Voltage Charger, Tool-Free Adjustable Handle, Lanyard Rope, Carrying Case





**1/4" Blind Rivet Tool with ONE-KEY™ Kit**

Part# 2660-20 (Tool Only) = \$943.00



Rivet Sizes	3/16", 7/32", 1/4", 9/32"
Rivet Material	Aluminum, Steel, Stainless Steel
Pull Force	4,500 lbs
Length/Weight	12.5" / 5.6 lbs

**1/4" Lockbolt Tool w/ ONE-KEY™**

Part# 2661-20 (Tool Only) = \$1,287.00



Huck Styles	Bobtail, MagnaGrip, CGL, Lockbolt Fasteners
Pull Force	4,500 lbs
Length / Weight	12.1" / 4.68 lbs

**1/4" Lockbolt to Blind Rivet Tool Conversion Kit**

Part# 49-16-2661R = \$117.00



**1/4" Lockbolt Tool w/ ONE-KEY™ Hucktainer® Fastener Adapter**

Part# 49-16-2661HT = \$31.80



**HACKZALL® One-Handed Reciprocating Saw Kit**

Part# 2719-21 = \$300.00

Part# 2719-20 (Tool Only) = \$160.00



SPM	3,000
Stroke Length	7/8"
Blade Clamp	QUIK-LOK™ (Accepts all SAWZALL® Blades)
Weight	5.6 lbs

**Kit Includes:** (1) M18™ REDLITHIUM™ XC5.0 Battery Pack, Multi-Voltage Charger, Contractor Bag

**SAWZALL® Reciprocating Saw - Gen. 2**

Part# 2821-21 = \$330.00

Part# 2821-20 (Tool Only) = \$188.00



SPM	0 - 3,000
Stroke Length	1-1/4"
Blade Clamp	Lever-Action QUIK-LOK™ (Accepts all SAWZALL® Blades)
Weight	6.8 lbs

**SUPER SAWZALL® Recip Saw**

Part# 2722-20 (Tool Only) = \$235.00



SPM, Stroke Length	0 - 3,000, 1-1/4"
Blade Clamp	QUIK-LOK™ (Accepts all SAWZALL® Blades)
Speeds	5-Speeds
Orbital Action	Selectable; On/Off
Weight	12.2 lbs

**12-Pc SAWZALL® Demolition Blade Set**

Part# 49-22-1129 = \$24.57

**Includes:**

- (4) 6" 18 TPI Metal THE TORCH™ SAWZALL® Blades
- (2) 6" 5 TPI Wood THE AX™ SAWZALL® Blades
- (2) 6" 7/11 TPI Multi-Material THE WRECKER™ SAWZALL® Blades
- (2) 9" 14 TPI Metal THE TORCH™ SAWZALL® Blades
- (2) 9" 5 TPI Wood THE AX™ SAWZALL® Blades



**5-Pc SAWZALL® Carbide Demolition Wood and Metal Cutting Reciprocating Saw Blade Set**

Part# 49-22-5505 = \$43.80



**6-1/2" Circular Saw**

Part# 2730-20 (Tool Only) = \$207.00

RPM	5,000
Bevel Capacity	50°
Cut Capacity	2-3/16" at 90°; 1-5/8" at 45°
Arbor	5/8"
Blade Guards	Magnesium
Weight	8.0 lbs



**6-1/2" 24T Framing Circular Saw Blades**

Part# 48-41-0620 = \$9.45



**Rear Handle Circular Saw**

Part# 2830-20 (Tool Only) = \$263.00

RPM	5,800
Bevel Capacity	53°
Cut Capacity	2-1/2" at 90°; 1-7/8" at 45°
Arbor	Diamond
Blade Guards	Magnesium
Weight	10.0 lbs



**7-1/4" Circular Saw**

Part# 2732-21HD = \$450.00

Part# 2732-20 (Tool Only) = \$235.00

RPM	5,800
Bevel Capacity	50°
Cut Capacity	2-1/2" at 90°; 1-7/8" at 45°
Arbor	5/8"
Blade Guards	Magnesium
Weight	12.0 lbs

**7-1/4" 24T Framing Circular Saw Blades**

Part# 48-41-0720 = \$9.72



**7-1/4" Aluminum Cutting Circular Saw Blade**

Part# 48-40-4335 = \$45.12



**7-1/4" Metal Cutting Circular Saw Blade, 5/8" Arbor**

Part# 48-40-4235 = \$43.20





### Random Orbit Sander

Part# 2648-20 (Tool Only) = \$118.00

OPM	12,000
Variable Speed	7,000 - 12,000 OPM
Pad Size	5.0"
Orbit Diameter	3/32"
Weight	2.7 lbs



### Orbital Quarter Sheet Sander

Part# 2649-20 (Tool Only) = \$145.00

Variable Speed	11,000- 13,000 OPM
Pad Size	1/4 Page
Orbit Diameter	1.6mm
Weight	2.5lbs



### 3" x 18" Belt Sander

Part# 2832-20 (Tool Only) = \$263.00

Trigger Style	Lock on Button
Dust Collection	Bag or Vac Port
Belt Change/Adjust-	Tool Free
Belt Speed	700 - 1,350 SFM
Weight	7.5 lbs.
Dimensions (L x W x H)	10.6" x 6.3" x 7.5"



### 3-1/4" Planer

Part# 2623-20 (Tool Only) = \$222.00

RPM	14,000
Planing Width	3-1/4"
Max Planing Depth	5/64"
Rabbet Depth	27/64"
Length / Weight	12.4" / 7.8 lbs



### Compact Router

Part# 2723-20 (Tool Only) = \$188.00

RPM	10,000 - 31,000
Speeds	6
Collet Size	1/4"
Horsepower	1.25
Adjustable Range	1.5"
Height / Weight	6.9 / 3.0 lbs



### 1/2" Router

Part# 2838-21 = \$600.00  
Part# 2838-20 (Tool Only) = \$329.00

RPM	12,000 - 25,000
Speeds	6
Collet Size	1/4, 1/2
Horsepower	2.25
Adjustable Range	2"
Height/Weight	8.3" / 6.2 lbs



### D-Handle Jig Saw

Part# 2737-20 (Tool Only) = \$188.00

SPM	3,500
Stroke Length	1"
Bevel Capacity	45°
Blade Clamp	Lever-Action QUIK-LOK™ T-Shank
Orbital Settings	4
Weight	6.4 lbs



### Barrel Grip Jigsaw

Part# 2737B-20 (Tool Only) = \$188.00

SPM	3,500
Stroke Length	1"
Bevel Capacity	45°
Blade Clamp	Lever-Action QUIK-LOK™ T-Shank
Orbital Settings	4
Weight	4.6 lbs



### Multi-Tool (Brushed)

Part# 2626-20 (Tool Only) = \$118.00

Speed Settings	12
OPM	11,000 - 18,000
Universal Adapter	Yes
Tool-Free Accessory Change	Yes
Length/Weight	14.0" / 4.2 lbs



### Oscillating Multi-Tool

Part# 2836-21 = \$330.00  
Part# 2836-20 (Tool Only) = \$216.00

Speed Settings	Variable Speed
OPM	10,000 - 20,000
Universal Adapter	Yes
Tool-Free Accessory Change	Yes
Light	180° LED

**Kit Includes:** (1) OPEN-LOK™ 1-3/8" HCS WOOD BLADE 1PK, (1) Multi-Tool Sanding Pad, (1) 3-1/2" 60 Grit Triangle Sandpaper, (1) 3-1/2" 80 Grit Triangle Sandpaper, (1) 3-1/2" 120 Grit Triangle Sandpaper, (1) 3-1/2" 240 Grit Triangle Sandpaper



### OPEN-LOK™ 6 Pc Multi-Tool Blade Kit

Part# 49-10-9112 = \$40.32



### Cut Out Tool

Part# 2627-20 (Tool Only) = \$117.00

RPM	28,000
Tool-Free Depth	Yes
LED Light	Yes
Belt Clip	Yes
Length / Weight	8.9" / 1.8 lbs

### Cordless 10 oz. Caulk & Adhesive Gun

Part# 2641-20 (Tool Only) = \$241.00

Force	950 lbs
Inches Per Minute	0 - 21
Speed Settings	6
Auto-Reverse Anti-Drip	Yes
Weight	5.8 lbs



### Quart Carriage Conversion Kit

Part# 48-08-1095 = \$40.34







### 8-1/4" Table Saw with ONE-KEY™

Part# 2736-21HD = \$622.00  
Part# 2736-20 (Tool Only) = \$450.00



RPM	6,300
Blade Size	8-1/4"
Arbor Size	5/8"
Max Bevel	47°
Cut Depth	2-1/2" at 90°; 1-3/4" at 45°
Rip Capacity	24" Left of Blade; 12" Right of Blade
Weight	45.0 lbs.



### Table Saw Stand

Part# 48-08-0561 = \$129.00



### 12" Dual Bevel Sliding Compound Miter Saw with ONE-KEY™

Part# 2739-21HD = \$881.00  
Part# 2739-20 (Tool Only) = \$701.00



Blade Size	12"	Max Vertical Cap.	6-3/4"
No Load RPM	3,500	Max Horizontal Cap.	2 x 14
Max Bevel Angle	48° / 48°	Weight	47.6 lbs.
Max Miter Angle	50° / 60°		



### 7-1/4" Dual Bevel Sliding Compound Miter Saw

Part# 2733-21 = \$570.00  
Part# 2733-20 (Tool Only) = \$450.00



Blade Size	7-1/4"	Max Vertical Cap.	3-1/2"
No Load RPM	5,000	Max Horizontal Cap.	2 x 8
Max Bevel Angle	48° / 48°	Weight	28.0 lbs.
Max Miter Angle	48° / 48°		



### Folding Miter Saw Stand

Part# 48-08-0551  
\$224.00



### 10" 40T + 60T 2-Pack Circular Saw Blades

Part# 48-40-1036 = \$57.00



### 10" Dual Bevel Sliding Compound Miter Saw

Part# 2734-21 = \$601.00  
Part# 2734-20 (Tool Only) = \$471.00



Blade Size	10"	Max Vertical Cap.	5-3/4"
No Load RPM	4,000	Max Horizontal Cap.	2 x 12
Max Bevel Angle	48° / 48°	Weight	47.0 lbs.
Max Miter Angle	50° / 60°		



### 10" Aluminum Cutting Circular Saw Blade

Part# 48-40-4360 = \$68.00



### 10" Metal Cutting Circular Saw Blade

Part# 48-40-4260 = \$62.00



### 12" 100T Ultra Fine Finish Circ. Saw Blade

Part# 48-40-1228 = \$56.00



### 12" Combination Wood Circular Saw Blade

Part# 48-40-1222 = \$37.32





### 6 1/2" Plunge Track Saw Kit

Part# 2831-21 = \$641.00  
 Part# 2831-20 (Tool Only) = \$376.00

RPM	6,300
Dust Collection	90%
Depth Setting	Micro Adj. Knob
Dust Collection	1-7/8" Vac Hose
Length/Weight	14.3" / 9.13 lbs

**Kit Includes:** (1) M18 REDLITHIUM™ HIGH OUTPUT™ XC6.0 Battery Pack, (1) M18™ & M12™ Rapid Charger, (1) PACKOUT™ XL Tool Box



Call for Freight Price



**6-1/2" 24T GP Track Saw Blade**  
 Part# 48-40-0624 = \$20.15



**6-1/2" 48T Fine Finish Track Saw Blade**  
 Part# 48-40-0627 = \$25.80



**6-1/2" 52T Laminate Track Saw Blade**  
 Part# 48-40-0643 = \$30.60



**Guide Rails**  
 Part# 48-08-0570 (31") = \$71.00  
 Part# 48-08-0571 (55") = \$116.00  
 Part# 48-08-0572 (106") = \$218.00



**Track Anti Slip Strip**  
 Part# 48-08-0577 = \$25.80  
 Designed for use with Milwaukee® 31", 55" and 106" guide rails. Replacement strips attach to bottom of guide rail to keep track from sliding during cuts.



**Anti Splinter Strip**  
 Part# 48-08-0575 = \$23.40  
 Designed for use with Milwaukee® Guide Rails to reduce splintering and tear out when cutting. Compatible with Milwaukee® 31", 55", and 106" guide rails.



**Guide Rail Bag**  
 Part# 48-08-0576 = \$53.00  
 For use with Milwaukee® 31" and 55" guide rails. Durable outer material handle.



**Guide Rail Clamps**  
 Part# 48-08-0573 = \$34.80  
 Milwaukee® track clamps are designed to be used with Milwaukee® guide rails. Used to secure guide rails to the material to eliminate the chance for the track to move during your cut. Easy thread actions and a comfortable rubber handle make locking your guide rail into position quick and simple.



### 18 Gauge Brad Nailer Kit

Part# 2746-20  
 (Tool Only) = \$300.00

Nail Diameter	18 Gauge
Nail Size	5/8" - 2-1/8"
Magazine Size	110 Nails
Max Fire Rate	3 Nails per Second
Magazine Loading	Side Load
Firing Modes	Sequential or Contact Actuation



### 18 Gauge 1/4" Narrow Crown Stapler Kit

Part# 2749-20  
 (Tool Only) = \$300.00

Staple Diameter	18 Gauge
Staple Crown Size	1/4"
Staple Length	3/8" - 1-1/2"
Magazine Size	108 Staples
Max Fire Rate	4 Staples per Second
Magazine Loading	Front Load



### 15 Gauge Finish Nailer

Part# 2839-20  
 (Tool Only) = \$322.00

Nail Diameter	15 Gauge
Nail Size	1-1/4" - 2-1/2"
Magazine Capacity	110
Magazine Loading	Bottom Load
Max Fire Rate	3 Nails per Second
Nails Per Charge	750
Firing Modes	Sequential & Contact Actuation



### 16 Gauge Finish Nailer Kit

Part#2841-21 = \$400.00  
 Part# 2841-20 (Tool Only) = \$322.00

Nail Diameter	16 Gauge
Nail Size	1 1/4 - 2 1/2
Magazine Size	110 Nails
Max Fire Rate	3 Nails per Second
Magazine Loading	Rear
Firing Modes	Sequential or Contact Actuation



### 16 Gauge Straight Finish Nailer

Part# 3020-20 (Tool Only) = \$330.00

Nail Diameter	16 Gauge
Nail Size	1 - 2 1/2
Magazine Size	110 Nails
Max Fire Rate	3 Nails per Second
Magazine Loading	Rear
Firing Modes	Sequential or Contact Actuation



### 30° Framing Nailer Kit

Part# 2745-20 (Tool Only) = \$381.00

Collation Angle	30° Clipped or Full Head Nail
Nail Size	2" - 3-1/2"
Nail Collation	30° - 34°
Magazine Size	57 Nails
Max Fire Rate	3 Nails per Second
Firing Modes	Sequential or Contact Actuation



### 30° Framing Nailer Extd Magazine

Part# 48-08-2745 = \$95.00



### 21° Framing Nailer

Part# 2744-20 (Tool Only) = \$381.00

Collation Angle	21° Round Head Nail
Nail Size	2" - 3-1/2"
Nail Collation	20° - 22°
Magazine Capacity	45 Nails
Max Fire Rate	3 Nails per Second
Firing Modes	Sequential or Contact Actuation



### Utility Fencing Stapler

Part# 2843-20 (Tool Only) = \$601.00

Firing Speed	2 Staples/Second
Depth Adjustment	Tool Free
Power Supply	Completely Battery
Staple Length	1.5 in, 1.75 in, 2 in
Weight	11.2 lbs



1-3/4" 9 Ga. Galvanized Staples (960 Pk)



Part# MPU134-960 = \$89.00

2" 9 Ga. Galvanized Staples (960 Pk)



Part# MPU2-960 = \$92.00



### 2 Gal. Compact Quiet Compressor

Part# 2840-20 (Tool Only) = \$381.00

Sound Level	68 dB(a)
Max PSI	135
Pump Type	Oil Free
Length	16.25"
Weight	31.2 lbs



### 9" Cut-Off Saw with ONE-KEY™

Part# 2786-22HD = \$902.00

Part# 2786-20 (Tool Only) = \$565.00

RPM	6,600
Blade Size	9"
Arbor Size	7/8"
Cut Depth	3.4"
Load Indicator Light	Yes
Blade Brake	RAPIDSTOP™
Weight	10.6 lbs

Kit Includes: (2) M18™ REDLITHIUM™ HIGH OUTPUT HD12.0 Battery Packs, Abrasive Blade, Diamond Blade, Wrench, Hex Key, Rapid Charger

### SWITCH TANK™ 4-Gallon Water Supply Kit

Part# 2820-21-WS \$434.00

Kit Includes: M18™ REDLITHIUM™ XC Extended Capacity Battery, M18™ & M12™ Multi-Voltage Charger, 10 ft. Hose with Quick Connect, Water Spray Nozzle with Quick Connect



### SWITCH TANK™ 4-Gallon Backpack Concrete Sprayer Kit

Part# 2820-21-CS \$434.00

Kit Includes: M18™ REDLITHIUM™ XC Extended Capacity Battery, M18™ & M12™ Multi-Voltage Charger, Stainless Steel Wand, Adjustable Nozzle, Fan Nozzle, Angled Nozzle Adaptor



### Compact Band Saw

Part# 2829-20 (Tool Only) = \$310.00

SFPM	0 - 540
Cut Capacity	3-1/4" x 3-1/4"
Shoe	Tool-Free Locking
LED Light	Yes
Weight	7.7 lbs



### Deep Cut Extreme Thick Band Saw Blade - 3 pk

Part# 48-39-0609 = \$19.80

### Compact Extreme Thin Band Saw Blade - 3 pk

Part# 48-39-0619 = \$19.80

### Deep Cut Band Saw Kit

Part# 2729-22 = \$671.00

Part# 2729-20 (Tool Only) = \$358.00

SFPM	0 - 380
Cut Capacity	5" x 5"
Shoe	Tool-Free
LED Light	Yes
Weight	15.9 lbs

Kit Includes: (2) M18™ REDLITHIUM™ XC5.0 Battery Packs, Blades, Multi-Voltage Charger, Carry Case



### Deep Cut Extreme Thick Band Saw Blade - 3 pk

Part# 48-39-0601 = \$20.20

### Thin Metal Deep Cut Band Saw Blade - 3 pk

Part# 48-39-0611 = \$20.20

### Metal Cutting Circular Saw

Part# 2782-20 (Tool Only) = \$235.00

RPM	3,900
Blade Size	5-3/8" x 5-7/8"
Arbor Size	20 mm
Hang Hook	Yes
Length/Weight	4.7" / 6.5 lbs



### 5-3/8" 30T Metal Cutting Circular Saw Blade 20 mm Arbor

Part# 48-40-4070 = \$26.04



### 8" Metal Cutting Circular Saw

Part# 2982-20 (Tool Only) = \$405.00

RPM	4,000
Chip Collecting	Yes
Electric Break	Yes
Overload Indicator	Light
Weight	12.1 lbs



### 8" Metal Cutting Circular Saw Blade, 5/8" Arbor

Part# 48-40-4515 = \$48.12



### 8" Aluminum Cutting Circular Saw Blade

Part# 48-40-4345 = \$49.92

### 14" Abrasive Chop Saw

Part# 2990-20 (Tool Only) = \$434.00



- Generates 15AMP Corded Power
- Overload Indicator Light
- Tool-free Fence Adjustment & Blade Change
- Rapid Stop Brake - Stops the disc in 3 seconds or less
- Dual-Actuation Trigger
- 200+ Cuts per charge on 12.0AH pack
- Less downtime and more productivity



BEST SELLER



**4-1/2" / 5" Grinder, Paddle Switch No-Lock**

Part# 2880-20 (Tool Only) = \$188.00

RPM	8,500
Switch Type	Paddle No-Lock
Overload Protection	Yes
Electronic Clutch	Yes
Tool-Free Accessory Change	Yes
Length/Weight	12.8" / 3.1 lbs



**4-1/2" / 5" Flathead Braking Grinder, Paddle Switch No-Lock**

Part# 2886-20 (Tool Only) = \$282.00

Switch Type	Paddle, No-Lock
No Load RPM	3,500 - 8,500
Spindle	5/8" - 11
E-Clutch / Kickback Protection	Yes
Overload Protection	Yes
Tool-Free Accessory Change	Yes
Length / Weight	14.02" / 3.1 lbs

**4-1/2" / 5" Variable Speed Braking Grinder, Slide Switch Lock-On BT**

Part# 2889-20 (Tool Only) = \$235.00

Wheel Diameter	4-1/2" - 5"
Switch Type	Slide, No-Lock
No Load RPM	3,500 - 8,500
Spindle	5/8" - 11
E-Clutch / Kickback Protection	Yes
Overload Protection	Yes
Tool-Free Guard Change	Yes
Anti-Vibration Handle	Yes
Length / Weight	13.18" / 3.16 lbs



**7" / 9" Large Angle Grinder Kit**

Part# 2785-20 (Tool Only) = \$310.00

RPM	6,600
Switch Type	Dual-action Trigger
Overload Protection	Yes
Electronic Clutch	Yes
Tool-Free Accessory Change	Yes
Length/Weight	18.5" / 11.9 lbs

**Kit Includes:** (2) M18™ REDLITHIUM™ HIGH OUTPUT™ HD12.0 Battery Packs, 9" T27 Guard, Anti-Vibration Side Handle, Back Flange, Dust Vent Clip, FIXTEC™ Nut, Spanner Wrench, Rapid Charger, Carrying Case

Power Tools



**4-1/2" / 5" Grinder, Slide Switch Lock-On**

Part# 2881-20 (Tool Only) = \$188.00

RPM	8,500
Switch Type	Slide Switch Lock-On
Overload Protection	Yes
Electronic Clutch	Yes
Tool-Free Accessory Change	Yes
Length/Weight	12.8" / 3.1 lbs



**4-1/2" / 5" Flathead Braking Grinder, Slide Switch Lock-On**

Part# 2887-20 (Tool Only) = \$282.00

Switch Type	Slide, No-Lock
No Load RPM	8,500
Spindle	5/8" - 11
E-Clutch / Kickback Protection	Yes
Overload Protection	Yes
Tool-Free Accessory Change	Yes
Length / Weight	14.02" / 3.1 lbs

**4-1/2"/5" Dual-Trigger Braking Grinder**

Part# 2986-20 = \$329.00

RPM	3,500 - 8,500
Switch Type	Side Handle / Paddle Switch
Overload Protection	Yes
Electronic Clutch	Yes
Auto Stop	Yes
Rapid Stop	Yes
Tool-Free Accessory Change	Yes
Length/Weight	14.1" / 5 lbs



**4-1/2"-6" Braking Grinder Kit Paddle Switch, No-Lock**

Part# 2980-22 = \$521.00  
Part# 2980-20 (Tool Only) = \$235.00

RPM	9,000
Switch Type	Paddle, No-Lock
Brake	Yes
Overload Protection	Yes
Electronic Clutch	Yes
Tool-Free Accessory Change and Guard	Yes
Length/Weight	15.0" / 5.3 lbs



**Flange Disc for Grinders**

Part# 43-34-0937 = \$6.52



**5/8"-11 Fixtec Nut for Grinders**

Part# 05-59-0016 = \$12.50



**1/4" Die Grinder Kit**

Part# 2939-20 (Tool Only) = \$235.00

Collet Size	1/4"
RPM	20,000
Switch Type	Slide, Lock-On
Length/Weight	18.0" / 4.6 lbs

**Kit Includes:** (2) M18™ REDLITHIUM™ XC5.0 Battery Packs, 11/16" Wrench, 1/2" Wrench, Multi-Voltage Charger, Carrying Case

Power Tools





### 15mm Random Orbital Polisher

Part# 2684-20  
(Tool Only) = \$282.00



Trigger	Variable Speed
Speed Settings	8-position
RPM	2,650 - 5,100
Length/Weight	17.26" / 5.16lbs

### 21mm Random Orbital Polisher

Part# 2685-20  
(Tool Only) = \$310.00



Trigger	Variable Speed
Speed Settings	8-position
RPM	2,400 - 4,500
Length/Weight	17.28" / 5.61lbs

### Compact Heat Gun

Part# 2688-20 (Tool Only) = \$140.00



Temperature	750° F
Guarded Nozzle	Yes
Ladder Hook	Yes
Length / Weight	6.4" / 3.3 lbs

### 14 Ga. Double Cut Shear Brushed

Part# 2636-20  
(Tool Only) = \$319.00



Head	14 Ga Double Cut
360° Tool-Free Rotating Head	Yes
Variable Speed	Yes
Length / Weight	17.3" / 6.2 lbs

### 18 Ga. Single Cut Shear Brushed

Part# 2637-20  
(Tool Only) = \$319.00



Head	18 Ga Single Cut
360° Tool-Free Rotating Head	Yes
Variable Speed	Yes
Length / Weight	18.0" / 5.8 lbs

### 2-Speed Grease Gun Kit (Brushed)

Part# 2646-21CT = \$278.00  
Part# 2646-20 (Tool Only) = \$222.00



Output Pressure	Up to 10,000 PSI (690 BAR)
Run-Time	Up to 10 Cartridges Per Charge
Grease Capacity	14 oz Cartridge, 16 oz Bulk, 16 oz Suction
Air Bleeder Valve	Yes
Weight	8.5 lbs

**Kit Includes:** (1) M18™ REDLITHIUM™ CP1.5 Battery Pack, 48" Flex Hose with Spring Guard, High Pressure Grease Coupler, Shoulder Strap, Multi-Voltage Charger, Carrying Case

### Replacement Grease Gun Hose with High Pressure Coupler

Part# 49-16-2647 = \$24.66



### High Pressure Grease Coupler - 2 Pack

Part# 49-16-2649 = \$11.79



### Right Angle Grease Coupler

Part# 49-16-2648 = \$16.21



### Brushless Threaded Rod Cutter

Part# 2872-20 (Tool Only) = \$350.00



Cutting Capacity	1/4", 3/8", and 1/2"
Replacement Cutting Dies	Yes
Dimensions (L x W x H)	10.0" x 5.0" x 6.3"
Weight	7.7 lbs

**Includes:** (1) M18™ REDLITHIUM™ CP2.0 Battery Pack, Cutting Dies, Allen Key, Multi-Voltage Charger, Carrying Case  
**Includes:** 48-44-2872 1/4", 3/8", 1/2" Replacement Cutting Die Set

### 1/4", 3/8", 1/2" Replacement Cutting Die Set

Part# 48-44-2872 = \$63.00



# ELECTRICAL SOLUTIONS



### FORCE LOGIC™ 6 Ton Knockout Tool Kit - 1/2" - 2"

Part# 2677-21 = \$1,106.00

Mild Steel Capacity	4" in 14 Gauge
Stainless Steel Capacity	2" in 14 Gauge
Output Force	6 Tons
Quick-Connect Draw Stud	Yes
Rapid Reset	Yes
Height / Weight	4.5" / 4.3 lbs



**Includes:** 2677-21 (1) M18™ REDLITHIUM™ CP2.0 Battery Pack, 1/2" - 2" EXACT™ Conduit Punches and Dies; **Kits Include:** (2) Draw Studs, Quick-Connect Alignment System, Multi-Voltage Charger, Carrying Case

### FORCE LOGIC™ 6 Ton Knockout Tool Kit - 1/2" - 4"

Part# 2677-23 = \$1,440.00

Mild Steel Capacity	4" in 14 Gauge
Stainless Steel Capacity	2" in 14 Gauge
Output Force	6 Tons
Quick-Connect Draw Stud	Yes
Rapid Reset	Yes
Height / Weight	4.5" / 4.3 lbs



**Includes:** 2677-23 (1) M18™ REDLITHIUM™ CP2.0 Battery Pack, EXACT™ 1/2" - 4" Conduit Punches and Dies; **Kits Include:** (2) Draw Studs, Quick-Connect Alignment System, Multi-Voltage Charger, Carrying Case





### FORCE LOGIC™ 10 Ton Knockout Tool Kit - 1/2" - 2"

Part# 2676-22 = \$1,620.00

Mild Steel Capacity	6" in 12 Gauge
Stainless Steel Capacity	6" in 14 Gauge
Output Force	10 Tons
Quick-Connect Draw Stud	Yes
Rapid Reset	Yes
Height / Weight	5.5" / 7.1 lbs



**Includes:** 2676-22 (2) M18™ REDLITHIUM™ XC3.0 Battery Packs, 1/2" - 2" EXACT™ Conduit Punches and Dies; **Kits Include:** (3) Draw Studs, Quick-Connect Alignment System, Multi-Voltage Charger, Carrying Case

### FORCE LOGIC™ 10 Ton Knockout Tool Kit - 1/2" - 4"

Part# 2676-23 = \$1,936.00

Mild Steel Capacity	6" in 12 Gauge
Stainless Steel Capacity	6" in 14 Gauge
Output Force	10 Tons
Quick-Connect Draw Stud	Yes
Rapid Reset	Yes
Height / Weight	5.5" / 7.1 lbs



**Includes:** 2676-23 (2) M18™ REDLITHIUM™ XC3.0 Battery Packs, EXACT™ 1/2" - 4" Conduit Punches and Dies; **Kits Include:** (3) Draw Studs, Quick-Connect Alignment System, Multi-Voltage Charger, Carrying Case

### FORCELOGIC™ Cable Cutter Kit w/ 750 MCM Cubic Jaws

Part# 2672-21 = \$1,710.00

Cut Capacity	750 MCM Cu. 1000 MCM Al
Average Cut	3 Seconds
Head Rotation	350°
Auto Reset	Yes
Tool Diagnostics	Built-In; ONE-KEY™ Compatible
Height / Length	5.4" / 14.0"



**Kit Includes:** (1) M18™ REDLITHIUM™ CP2.0 Battery Pack, 750 MCM Cable Cutter Jaw, Allen Wrench, Multi-Voltage Charger, Carrying Case

### FORCE LOGIC™ 600 MCM Crimper Kit

Part# 2679-22 = \$2,520.00

Output Force	6 Tons
Adaptive Pressure Control System	Yes; PFM™
Reporting and Tool Diagnostics	Built-In; ONE-KEY™ Compatible
Cycle Time	2.9 Seconds
Head Rotation	350°
Height / Length	5.4" / 13.3"



**All Kits Include:** 2679-22 600 MCM Commercial U Crimping Jaw, (2) M18™ CP2.0 Battery Packs, Multi-Voltage Charger, Carrying Case



### Cable Stripper Kit

Part# 2935AL-21 = \$472.00

Variable Speed Trigger	Yes
Tool Free Depth Gauge	Yes
Compatible Bushing Types	Industry Standard Quick-Change
Dimensions (L x W x H)	8.5" x 2.8" x 11.3"
Weight	3.8 lbs

**Includes:** 1/0 AWG - 750 MCM Al THHN / XHHW Bushings, (1) M18™ REDLITHIUM™ CP2.0 Battery Pack, Multi-Voltage Charger, Carrying Case



### Cable Stripper Kit w/ 17 Cu. THHN / XHHW Bushings

Part# 2935CU-21S = \$519.00

Variable Speed Trigger	Yes
Tool Free Depth Gauge	Yes
Compatible Bushing Types	Industry Standard Quick-Change
Dimensions	8.5" x 2.8" x 11.3"
Weight	3.8 lbs

**Includes:** 1/0 AWG-750 MCM Cu THHN / XHHW Bushings, (1) M18™ REDLITHIUM™ CP2.0 Battery Pack, Multi-Voltage Charger, Carrying Case



**1/0 AWG 750 MCM Cu THHN / XHHW Bushing Kit**  
Part# 49-16-BKITA  
\$330.00



**1/0 AWG 750 MCM Al THHN / XHHW Bushing Kit**  
Part# 2873A-22  
\$532.00



**ANGLER™ 120' Steel Pulling Fish Tape Kit**  
Part# 2873B-22  
\$552.00



**ANGLER™ 240' Steel Pulling Fish Tape Kit**  
Part# 2873A-22  
\$532.00





## PLUMBING & MECHANICAL SOLUTIONS



### FORCE LOGIC™ Long Throw Press Tool Kit

Part# 2773-22L = \$3,181.00

Capacity	1/2" - 4" (Varies by Material)
Calibration Interval	50,000 Cycles (LED Indicator)
Approx Cycle Time	4 Seconds, 8 Seconds at Ext.Stroke
Press Force	7,200 lbs
Length / Weight	20.1" / 10.1 lbs

**Includes:** 2773-22L (2) M18™ REDLITHIUM™ XC3.0 Battery Packs, (3) Jaws, (1/2", 3/4", 1") Multi-Voltage Charger, Carrying Case



### 2" ProPEX® Expander Kit with ONE-KEY™ with 1-1/4" - 2" ProPEX® Expander Heads

Part# 2932-22XC = \$1,727.00

Capacity	3/8" - 2"
Auto-Rotation	Built-In
Dimensions (L x W x H)	9" x 4.3" x 13.6"
Weight	10.9 lbs

**Includes:** (2) M18™ REDLITHIUM™ XC5.0 Battery Packs, (3) ProPEX® Expansion Heads (1-1/4", 1-1/2", 2"), 150g Expander Grease, Multi-Voltage Charger, Carrying Case



### Compact Threader with ONE-KEY™ Kit

Part# 2870-22 = \$2,112.00

Capacity	1/2 - 1-1/4
Kickback Control	AUTOSTOP™
Trigger	Variable Speed
Die Head Retention Lock	Yes

**Kit Includes:** (2) M18™ REDLITHIUM™ HIGH OUTPUT™ 8.0 Battery Packs, Threading Support Arm, Rapid Charger, Carrying Case Military Grade Alum Dies 1/2, 3/4, 1", 1-1/4"



### FORCE LOGIC™ Press Tool with One-Key™

Part# 2922-22 = \$3,677.00

Capacity	Up to 2"
Cycle Time	4 Seconds
Auto Cycle	Yes
Length / Weight	19.2" / 5.6

**Kit Includes:** 2674-22C (2) M18™ REDLITHIUM™ CP2.0 Battery Packs, Multi-Voltage Charger; All Kits Include: (6) CTS Crimp Jaws (1/2", 3/4", 1", 1-1/4", 1-1/2", 2")





**Pipe Threader with ONE-KEY™ Kit**

Part# 2874-22HD = \$1,801.00

Capacity	1/8" - 2"
Kickback Control	AUTOSTOP™
Trigger	Variable Speed
Die Head Retention Lock	Yes
Die Head Compatibility	RIDGID® 12R, Reed R12+



**Kit Includes:** (2) M18™ REDLITHIUM™ HIGH OUTPUT™ HD12.0 Battery Packs, Threading Support Arm, Rapid Charger, Carrying Case



**NPT HS 12R Die Heads**

Sizes: 1/2, 3/4, 1", 1 1/4, 1 1/2, 2"

Part# 48-36-1060 = \$1,139.00



**HEAD & LIFT HEIGHTS**



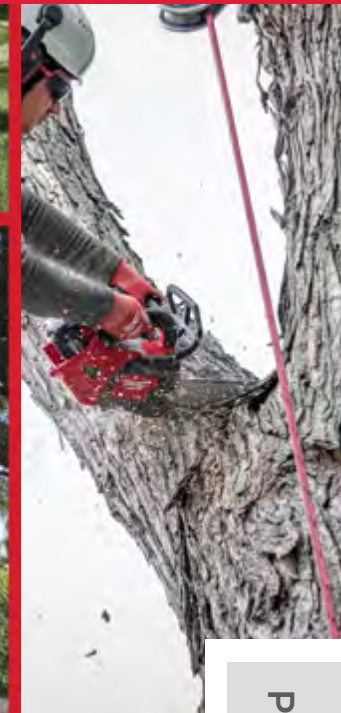
**Transfer Pump (Brushed)**

Part# 2771-20 (Tool Only) = \$216.00

Gallons Per Hour	480
Gal. Per Battery (XC3.0)	144
Maximum Lift	18'
Max Head Height	75'
Self-Priming	Yes
Fittings	3/4" Brass Inlet and Outlet
Weight	7.5 lbs



**OUTDOOR POWER EQUIPMENT**



**HATCHET™ 8" Pruning Saw**

Part# 3004-20 (Tool Only) = \$270.00

Bar Length	8"
Chain Gauge	.43
Chain Pitch	3/8
RPM	2600
Length/Weight	19.8" / 4.9 lbs



**12" Top Handle Chainsaw**

Part# 2826-20C (Tool Only) = \$328.00

Bar Length	12"
Chain Gauge	.43
Chain Pitch	3/8
RPM	7,700
Length/Weight	22.6" / 8.2 lbs



**8" Pruning Guide Bar**

Part# 49-16-2751 = \$21.45



**12" Top Handle Chainsaw Guide Bar**

Part# 49-16-2743 = \$32.40

**8" Pruning Saw Chain**

Part# 49-16-2750 = \$21.45



**12" Top Handle Chainsaw Chain**

Part# 49-16-2742 = \$36.00







Call for Freight Price

**14" Top Handle Chainsaw Kit**

Part# 2826-21T = \$483.00  
Part# 2826-20T (Tool Only) = \$337.00

Bar Length	14"
Chain Gauge	.43
Chain Pitch	3/8
RPM	7,700
Length/Weight	25.12" / 8.4 lbs

**Kit Includes:** (1) M18™ REDLITHIUM™ HIGH OUTPUT™ XC8.0 Battery, (1) M18™ & M12™ Rapid Charger, (1) Scabbard, (1) Srench



**14" Top Handle Chainsaw Guide Bar**

Part# 49-16-2745 = \$32.40

**14" Top Handle Chainsaw Chain**

Part# 49-16-2744 = \$36.00



Call for Freight Price

**14" Chainsaw**

Part# 2727-20C (Tool Only) = \$309.00

Bar Length	14"
Chain Gauge	.043"
Chain Pitch	3/8" Low Profile
RPM	6600
Length/Weight	33" / 13.9 lbs

**14" Replacement Chainsaw Bar**

Part# 49-16-2756 = \$25.35



**14" Chainsaw Chain**

Part# 49-16-2749 = \$21.42



**16" Chainsaw Kit**

Part# 2727-21HD = \$501.00  
Part# 2727-20 (Tool Only) = \$318.00

Bar Length	16"
Chain Gauge	.043"
Chain Pitch	3/8" Low Profile
RPM	6,600
Length/Weight	33.0" / 13.9 lbs

**Kit Includes:** (1) M18™ REDLITHIUM™ HIGH OUTPUT™ HD12.0 Battery Pack, 16" Oregon® Bar and Chain, Srench, Scabbard, Rapid Charger

**Chainsaw Case**

Part# 49-16-2747  
\$76.00



**16" Replacement Chainsaw Bar**

Part# 48-09-3001 = \$18.49

**16" Chainsaw Chain**

Part# 49-16-2715 = \$21.13



Call for Freight Price

**21" Self-Propelled Dual Battery Mower Kit**

Part# 2823-22HD = \$1,083.00

Deck Material	Steel
Cut Discharge	Mulch, Bag, Side
Torque	Greater than 200CC
Full Throttle	Under 1 Second
Self Propelled	Yes, 0-4 mph
LED Lighting	Front and Side
Approximate Runtime	60 min with 2 HD12.0 Batteries
Weight with Batteries	85 lbs.

**21" Mower Blade**

Part# 49-16-2734 = \$26.00



**21" High Lift Mower Blade**

Part# 49-16-2735 = \$28.80



**21" Mower Cover**

Part# 49-16-2736  
\$28.80



**Brushless String Trimmer Kit**

Part# 2828-21HD = \$241.00  
Part# 2828-20 (Tool Only) = \$173.00

Adj. Cutting Swath	14" - 16"
RPM	0 - 4,600 / 0 - 5,800
Trigger	Variable Speed
Feed System	Bump Feed

**Kit Includes:** (1) M18™ REDLITHIUM™ HIGH OUTPUT™ XC6.0 Battery Pack, Rapid Charger



**String Trimmer Kit with QUIK-LOK™**

Part# 2825-21ST = \$289.00  
Part# 2825-20ST (Tool Only) = \$222.00

Cutting Swath	14" - 16"
Line Diameter	.080" / .095"
RPM	0 - 4,900 / 0 - 6,200
Trigger	Variable Speed
Feed System	Bump Feed

**Kit Includes:** M18 FUEL™ Power Head w/ QUIK-LOK™, M18 FUEL™ QUIK-LOK™ String Trimmer Attachment, (1) M18 REDLITHIUM™ HIGH OUTPUT™ XC8.0 Battery Pack, Rapid Charger





Call for Freight Price

**10" Pole Saw with QUIK-LOK™**

Part# 2825-20PS = \$290.00



**10" Pole Saw Guide Bar**

Part# 48-09-5001 = \$18.85

**10" Chainsaw Chain**

Part# 49-16-2723 = \$20.80



Call for Freight Price

**String Trimmer & Blower Combo Kit**

Part# 3000-21HD = \$450.00

**String Trimmer**

- Power to clear thick brush
- Full throttle under 1 second
- Balanced design, increased control
- QUIK-LOK Attachment Capable
- Easy-load Trimmer Head
- 14 - 16" Adjustable cutting swath

**Blower**

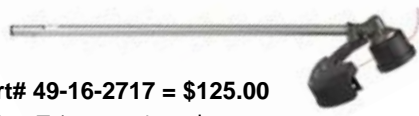
- Power to clear from 15'
- Full throttle under 1 sec.
- Lock On Button
- 2-Spd. Control

**Kit Includes:** (1) M18™ REDLITHIUM™ HIGH OUTPUT™ XC8.0 Battery Pack, Rapid Charger

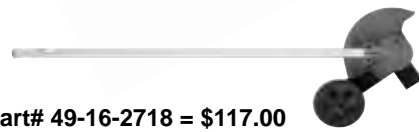


**QUIK-LOK™ Attachments**

Compatible with M18 FUEL™ Power Head w/ QUIK-LOK™ (2825-20)



Part# 49-16-2717 = \$125.00  
String Trimmer Attachment



Part# 49-16-2718 = \$117.00  
Edger Attachment



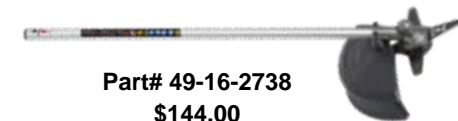
Part# 49-16-2719 = \$173.00  
Articulating Hedge Trimmer Attachment



Part# 49-16-2720 = \$163.00  
10" Pole Saw Attachment



Part# 49-16-2721 = \$68.00  
3' Attachment Extension

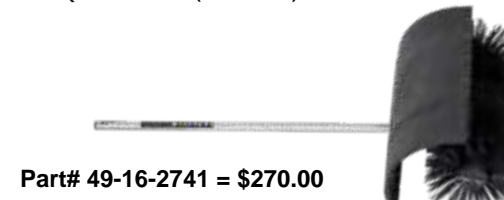


Part# 49-16-2738  
\$144.00  
QUIK-LOK™ Brush Cutter Attachment



**QUIK-LOK™ Attachments**

Compatible with M18 FUEL™ Power Head w/ QUIK-LOK™ (2825-20)



Part# 49-16-2741 = \$270.00  
QUIK-LOK™ Bristle Brush Attachment



Part# 49-16-2740 = \$289.00  
QUIK-LOK™ Rubber Broom Attachment



**QUIK-LOK™ Attachment Hanger 3-Pk**

Part# 49-16-2785 = \$20.80

FOR USE WITH



ALL M18 FUEL™ QUIK-LOK ATTACHMENTS

**Easy Load Trimmer Head**

Part# 49-16-2748 = \$32.40



**Brush Cutter/String Trimmer**

Part# 3015-20 (Tool Only) = \$386.00

RPM	6,200
Harness	Yes
2-Speed	Yes
Variable Speed	Yes
Weight	11.2 lbs



**18" Hedge Trimmer**

Part# 3001-20 (Tool Only) = \$182.00

Blade Length	18"
Cut Capacity	3/4"
SPM	3,400

Gear Case	All-Metal
Length/Weight	36.5" / 7 lbs



**24" Hedge Trimmer Kit**

Part# 2726-21HD = \$338.00

Part# 2726-20 (Tool Only) = \$193.00

Blade Length	24"
Cut Capacity	3/4"
SPM	3,400
Gear Case	All-Metal
Length/Weight	45.5" / 11.1 lbs

**Kit Inc:** (1) M18™ REDLITHIUM™ HIGH OUTPUT™ XC8.0 Battery Pack, Scabbard, Rapid Charger





**Compact Blower**

Part# 0884-20 (Tool Only) = \$98.00

Max Air Volume	100 CFM
Max Air Speed	160 MPH
Switch	3-Speed Electronic
Length/Weight	20.5" / 2.6 lbs

Battery and Charger Sold Separately  
**Includes:** Flexible Nozzle, 9" Extension, Universal Inflator/Deflator



**SWITCH TANK 4-Gallon Backpack Water Supply Kit (Brushed)**

Part# 2820-21PS = \$386.00

Part# 2820-20PS (Tool Only) = \$289.00

Tank Capacity	4-Gallon
Pump Type	Dual Diaphragm Pump
PSI Range	20 - 60 PSI (5 Modes)
Flow Rate Range	0.16 - 1.13 Gal/Min
Dry Weight	18.5 lbs



**Kit Includes:** M18™ SWITCH TANK™ Powered Base, SWITCHTANK™, 4-Gallon Water Supply Tank Assembly, (1) M18™ REDLITHIUM™ XC3.0 Battery Pack, 10' Hose w/ Quick-Connect, Water Spray Nozzle, Multi-Voltage Charger



**SWITCH TANK™ 4-Gallon Sprayer Tank Assembly**  
 Part# 49-16-28PS = \$150.00



**Replacement Sprayer Hose, Handle, Wand Assembly**  
 Part# 49-16-2727 = \$75.00



**Blower Kit**

Part# 2724-21HD = \$337.00

Part# 2724-20 (Tool Only) = \$173.00

Max Air Volume	450 CFM
Max Air Speed	120 MPH
Noise Rating (db)	62 (ANSI B175)
Lock On Button	Yes
Length/Weight	36.9" / 7.3 lbs

**Kit Includes:** (1) M18™ REDLITHIUM™ HIGH OUTPUT™ XC8.0 Battery Pack, Rapid Charger



**Dual Battery Blower Kit**

Part# 2824-20 (Tool Only) = \$289.00

Max Air Volume	600 CFM
Max Air Speed	145 MPH
Noise Rating (db)	64 (ANSI B175)
Lock On Button	Yes
Length/Weight	34.09" / 6.01



**Work Light**

Part# 2735-20 (Tool Only) = \$56.00

Lumens	100
Hands Free	Integrated Hook
Head Rotation	90°



**Stick Light**

Part# 2352-20 (Tool Only) = \$53.00

Lumens	300 / 150
Modes	High, Low
Water & Dust Rating	IP54
Pivoting Head	45°
Hands-Free	2 Stainless Steel Hooks
Length / Weight	11.6" / 1.1 lbs



**ROVER™ Flood Light**

Part# 2361-20 (Tool Only) = \$88.00

Lumens	1,500 / 780
Modes	High, Low
Hands Free	(1) EMT Hanger
Length/Weight	8.8" / 3.1 lbs



**Trouble Light w/ USB Charging**

Part# 2363-20 (Tool Only) = \$76.00

Lumens	700 / 350 / 70 / 700
Modes	High, Medium, Low, Strobe
Run-Time	Up to 100 Hours
Beam Pattern	Adjustable Task - Area
Water & Dust Rating	IPX4
Hands-Free	2 Stainless Steel Hooks
USB Charger	2.1A USB Charging Port for External Devices
Length/Weight	11.5" / 1.2 lbs



**ROVER™ Mounting Flood Light**

Part# 2365-20 (Tool Only) = \$117.00

Lumens	1,500 / 650 / 300
Modes	High, Medium, Low
Water & Dust Rating	IP54
Rotating Head	Horizontal and Vertical
Hands Free	Integrated Magnet, Spring Loaded Clamp
Height/Weight	6.3" / 3.2 lbs



**ROVER™ Dual Power Flood Light**

Part# 2366-20 (Tool Only) = \$144.00

Lumens	4,000 / 2,000 / 1,200
Modes	High, Medium, Low
Hands-Free	Keyholes for Hanging
Length/Weight	9.7" / 5.8 lbs



**RADIUS™ Compact Site Light with Flood Mode**

Part# 2144-20 (Tool Only) = \$140.00

Lumens (Area)	2,200 / 1,100 / 550
Lumens (Flood)	1,000 / 500 / 250
Modes	High, Medium, Low
Powered By	M18™ or Corded
Hands Free	Self-Centering Metal Hook
Height/Weight	10.4" / 4.4 lbs





### RADIUS™ Compact Site Light

Part# 2145-20 (Tool Only) = \$282.00

Lumens	4,400 / 2,100 / 1,000
Modes	High, Medium, Low
Water & Dust Rating	IP54
Powered By	M18™ or Corded
Hands Free	Self-Centering Metal Hook
Daisy Chain Compatible	Yes
Weight	10.6 lbs

Includes: Security Cable



### RADIUS™ Site Light with Charger and One-Key™

Part# 2150-20 (Tool Only) = \$565.00

Lumens	9000/ 4800/ 2500 or Customizable
Modes	High, Medium, Low
Powered By	M18™ or Corded
Run Times	(2X HD9.0) 3.5 hr / 7 hr / 14 hr
Length / Width	14.0" L x 20.28"W
Weight	27.10 lbs

### ROCKET™ Dual Power Tower Light

Part# 2131-20 (Tool Only) = \$222.00

Lumens	2,500 / 1,100 / 700
Modes	High, Medium, Low
Height	40" Collapsed, 7' Fully Extended
Weight	15.3 lbs



### ROCKET™ Tower Light Charger

Part# 2136-20 (Tool Only) = \$424.00

Lumens	6,000
Water & Dust Rating	IP54
Powered By	Built in M18™ Charger & USB Port
Head	(3) Independently Pivoting Light Heads
Height	42 Collapsed, 7' Fully Extended
Weight	22 lbs



### Compact Vacuum

Part# 0882-20 (Tool Only) = \$125.00

Air Volume	40 CFM
Inlet Diameter	1-1/4"
Canister Volume	36 oz
Filter	HEPA
Weight	4.3 lbs



Includes: 4' Flexible Hose, (2) Extension Tools, Crevice Tool, Floor Tool, Removable HEPA Filter

### Wet/Dry Vacuum

Part# 0880-20 (Tool Only) = \$125.00

Material	Wet/Dry
Capacity	2 Gallon
Air Volume	45 CFM
Suction (H <sub>2</sub> O)	32"
Filter	HEPA



Includes: HEPA Filter, 6' Flex Hose, Crevice Tool, Utility Nozzle

### 2-Gal. Wet Dry Vac HEPA Filter

Part# 49-90-1900 = \$24.40

Fits Part# 0960, 0880, 0970



Includes: Powered Floor Tool, Floor Tool, HEPA Filter, Foam Pre-Filter, Extension Wand, 6' Flexible Hose, Accessory Holder, Brush Tool, Utility Tool, Crevice Tool

### Compact Vacuum

Part# 0940-20 = \$191.00

Air Volume	32 CFM
Sealed Suction	80" H <sub>2</sub> O
Run-Time (w/M18™ XC5.0 Battery)	Up to 28 Min
Capacity	2.5 Gallon
Inlet Diameter	1-1/4"
Weight	4.4 lbs.



### 6-Gallon Wet/Dry Vacuum

Part# 0910-20 (Tool Only) = \$245.00

Material	Wet/Dry	Air Volume	87 CFM
Capacity	6 Gallon	Filter	High Efficiency

Includes: (1) Wet/Dry Vacuum Cart, (1) HE Filter, (1) 9' Flexible Hose, (1) Crevice Tool, (1) Floor Utility Nozzle, (2) Extension Wands



### 9-Gallon Dual Battery Wet/Dry Vacuum

Part# 0920-22HD = \$701.00

Material	Wet/Dry	Air Volume	109 CFM
Capacity	9 Gallon	Filter	High Efficiency

Includes: (2) M18 REDLITHIUM™ HIGH OUTPUT™ XC8.0 Battery Pack, (1) M18™ Dual Bay Simultaneous Rapid Charger, (1) Wet/Dry Vacuum Cart, (1) HE Filter, (1) 9' Flexible Hose, (1) Crevice Tool, (1) Floor Utility Nozzle, (2) Extension Wands





### 70,000 BTU Forced Air Propane Heater

Part# 0801-20  
(Tool Only) = \$216.00

BTU	70,000
Propane Hose	10' with Regulator
Power Source	M18 Battery & AC Port
Weight	14.5 lbs



### 12-Gallon Dual Battery Wet/Dry Vacuum

Part# 0930-22HD = \$792.00

Material	Wet/Dry	Air Volume	109 CFM
Capacity	12 Gallon	Filter	High Efficiency

**Includes:** (2) M18 REDLITHIUM™ HIGH OUTPUT™ HD12.0 Battery Pack, (1) M18™ Dual Bay Simultaneous Rapid Charger, (1) Wet/Dry Vacuum Cart, (1) HE Filter, (1) 9' Flexible Hose, (1) Crevice Tool, (1) Floor Utility Nozzle, (2) Extension Wands

### TOP-OFF™ 175W Power Supply

Part# 2846-20 = \$97.00

Power Ports	Continuous power or recharge devices w/ (1) AC 120V outlet, (1) USB-C PD port, & (1) USB-A port.
Powered By	All M18™ Batteries (sold separately)



### Large Wet/Dry Vacuum HEPA Filter

Part# 49-90-1977 = \$27.98  
Fits Part# 0910, 0920, 0930



### Jobsite Fan

Part# 0886-20 (Tool Only) = \$87.00

Max Air Flow	284 CFMs (18 MPH)
RPM (3 Settings)	1,370 / 1,900 / 2,350
Length/Weight	10.3" / 5.2 lbs



**Includes:** AC Adapter

### CARRY-ON™ 3600W/1800W Power Supply

Part# 2845-20 = \$676.00

Power Ports	2 AC Ports, USB-A, & USB-C (60W)
Powered By	4 M18 Batteries (Any Mix)
Weight	2.8 lbs

Batteries Sold Separately



### Cordless Tire Inflator

Part# 2848-20  
(Tool Only) = \$168.00

PSI Rating	150 PSI - 26" Hose
True-Fill Technology	Automatic Shut-Off
On-Board Accessory Holder	Yes
Length / Weight	13.8" / 7 lbs



48-11-1820	48-11-1835	48-11-1850	48-11-1850R	48-11-1865	48-11-1880	48-11-1812
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### CHARGE DURATIONS (MINUTES)

<b>SUPERCHARGER</b>	27	35	60	60	35	45	60
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<b>RAPIDCHARGER</b>	27	35	60	60	65	83	130
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<b>STANDARD CHARGER</b>	42	65	105	105	123	162	241
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\*Estimated charge durations based on testing conducted by Milwaukee Tool at room temperature. Actual results may vary.



### REDLITHIUM™ XC5.0 System Starter Kit

Part# 48-59-1850 = \$192.00

**Includes:** (1) M18™ REDLITHIUM™ XC5.0 Battery Pack, Multi-Voltage Charger



### REDLITHIUM™ HIGH OUTPUT XC8.0 Starter Kit

Part# 48-59-1880 = \$244.00

**Includes:** (1) M18™ REDLITHIUM™ HIGH OUTPUT™ XC8.0 Battery, (1) M18™ & M12™ Rapid Charger



### REDLITHIUM™ HIGH OUTPUT™ HD12.0 System Starter Kit

Part# 48-59-1200 = \$293.00

**Includes:** (1) M18™ REDLITHIUM™ HIGH OUTPUT™ HD12.0 Battery Pack, Rapid Charger

### M18™ & M12™ Vehicle Charger

Part# 48-59-1810 = \$125.00

Compatibility	All M18™ & M12™ Batteries
Charge Sequence	Sequential (First In, First Charged)
On-Board Indicator Light	Yes
Cell Voltage Monitoring	Yes

Batteries Sold Separately

### M18™ & M12™ Multi-Voltage Charger

Part# 48-59-1812 = \$67.00

Compatibility	All M18™ and M12™ Batteries
Charge Sequence	Sequential (First In, First Charged)
Integrated Hang-Holes	Yes
On-Board Indicator Light	Yes
Cell Voltage Monitoring	Yes

Batteries Sold Separately

### M18™ & M12™ Rapid Charger

Part# 48-59-1808 = \$86.00

Compatibility	All M18™ and M12™ Batteries
Charge Sequence	Sequential (First In, First Charged)
Charge Speed	Charges Individual Batteries up to 40% Faster
On-Board Indicator Light	Yes
Integrated Hang-Holes	Yes
Cell Voltage Monitoring	Yes

Batteries Sold Separately





### M18™ & M12™ Super Charger

Part# 48-59-1811 = \$141.00



Compatibility	All M18™ and M12™ Batteries
Charge Sequence	Sequential (First In, First Charged)
Charge Speed	Charges up to 4x Faster, Charges All HIGH OUTPUT™ Batteries in One Hour Or Less
On-Board Indicator Light	Yes
Integrated Hang-Holes	Yes
Cell Voltage Monitoring	Yes

Batteries Sold Separately



### M18™ Dual Bay Simultaneous Super Charger

Part# 48-59-1815 = \$245.00

Compatibility	All M18™ Batteries
Charge Sequence	Simultaneously
On-Board Indicator Light	Yes
Integrated Hang-Holes	Yes
Cell Voltage Monitoring	Yes

Batteries Sold Separately

### M18™ Dual Bay Simultaneous Rapid Charger

Part# 48-59-1802 = \$125.00



Compatibility	All M18™ Batteries
Charge Sequence	Simultaneous
Charge Speed	Charges Individual Batteries up to 40% Faster
Integ. Hang-Holes	Yes

Batteries Sold Separately

### M18™ & M12™ Rapid Charge Station

Part# 48-59-1807 = \$222.00



Compatibility	All M18™ & M12™ Batteries
Charge Sequence	Charges 3 Batteries Simultaneously
Charge Speed	Charges Individuals up to 40% Faster
Capacity	Holds (3) M18™ and (3) M12™ Batteries
Integrated Hang-Holes	Yes
Cell Voltage Monitoring	Yes
Pass-Through Plug	Yes

Batteries Sold Separately

### M18™ Six Pack Sequential Charger

Part# 48-59-1806 \$125.00



Compatibility	All M18™ Batteries
Charge Sequence	Sequential (Counter-Clockwise Rotation)
Skip Button	Manually Designate which batteries first
Integrated Hang-Holes	Yes
Cell Voltage Monitoring	Yes
Pass-Through Plug	Yes

Batteries Sold Separately

### M18™ PACKOUT™ Six Bay Rapid Charger

Part# 48-59-1809 \$241.00



Compatibility	All M18™
Charge Sequence	Charges 2 Batteries Simultaneously
Charge Speed	Rapid Charge
On-Board Indicator Light	Yes
PACKOUT™ Compatible	Yes
Cell Voltage Monitoring	Yes

Batteries Sold Separately



## REDLITHIUM™

HIGH OUTPUT™

50%

MORE POWER & RUNS COOLER

VS REDLITHIUM™

HIGH OUTPUT™  
CP

HIGH OUTPUT™  
XC

HIGH OUTPUT™  
HD

↑

CP

↑

XC

↑

HD

← LIGHT DEMAND    FITS M18 TOOLS    HEAVY DEMAND →

**M18™ REDLITHIUM™ CP2.0 Battery Pack**  
Part# 48-11-1820 = \$89.00

**M18™ REDLITHIUM™ FORGE™ XC6.0** NEW  
Part# 48-11-1861 = \$192.00

**M18™ REDLITHIUM™ HIGH OUTPUT™ CP3.0 Battery Pack**  
Part# 48-11-1835 = \$110.00  
Part# 48-11-1837 (2-Pack) = \$164.00

**M18™ REDLITHIUM™ HIGH OUTPUT™ XC6.0 Battery Pack**  
Part# 48-11-1865 = \$164.00  
Part# 48-11-1862 (2-Pk) = \$255.00

**M18™ REDLITHIUM™ XC5.0 Battery Pack**  
Part# 48-11-1850 = \$146.00  
Part# 48-11-1852 (2-Pack) = \$219.00

**M18™ REDLITHIUM™ HIGH OUTPUT™ XC8.0 Battery Pack**  
Part# 48-11-1880 = \$182.00

**M18™ REDLITHIUM™ XC5.0 Resistant Battery Pack**  
Part# 48-11-1850R = \$173.00

**M18™ REDLITHIUM™ HIGH OUTPUT™ HD12.0 Battery Pack**  
Part# 48-11-1812 = \$228.00

Power Tools

Power Tools

168

**HARDWARE**  
 & SUPPLY STORE

**HARDWARE**  
 & SUPPLY STORE

169



EQUIPMENT REDEFINED  
TRADE FOCUSED  
SYSTEM WIDE

ALL MX FUEL BATTERIES FIT  
ALL MX FUEL EQUIPMENT

Power Tools

Power Tools



### 14" Cut-Off Saw w/ RAPIDSTOP™ Brake

Part# MXF315-2XC = \$2,824.00

Blade Diameter	14"
Cut Depth	4.9"
Blade Arbor	20mm / 1"
On-Board Water Delivery	Yes
Weight	29.6 lbs
Push Button Activation	Yes
ONE-KEY™ Compatible	Yes
Battery Compatibility	MX
Warranty	2 Year

**Includes:** (1) FORGE™ XC8.0 Battery, MX Fuel™ Super Charger,  
(1) 14" Diamond Ultra Segmented Blade



### MX FUEL™ ROCKET™ Tower Light / Charger

Part# MXF041-1XC = \$3,099.00

Max Lumens	27,000
Modes	High / Medium / Low
Collapsed Height	44"
Extended Height	10'
Width	20.8"
Depth	24.8"
Weight with Battery	110 lbs
Ingress Rating	Outdoor Use
Push Button Start	Yes
ONE-KEY™ Compatible	Customize. Track, Manage.
Battery Compatibility	Fits all MX FUEL™ Battery Packs
Warranty	2 year Equipment and Battery



### MX FUEL™ CARRY-ON™ 3,600W/1,800W Power Supply Kit

Part#MXF002-2XC = \$2,262.00

Peak Watts	3,600W
Running Watts	1,800W
Outlets	(2) 120V 15A Outlets
Inverter Output	Pure Sine Wave
Integrated Charger	Yes
Push Button Activation	Yes
ONE-KEY™ Compatible	Track and Manage
Battery Compatibility	Fits All MX FUEL™ Battery Packs
Warranty	2 Year Equipment and Battery



**Handheld Core Drill Kit w/Stand**

**Part# MXF301-2CXS = \$4,230.00**

Maximum Bit Capacity	6"
RPMs Low / High	790 / 1,550
Spindle Size	1-1/4" - 7"
Wet / Dry Coring	Both
On-Board Water Delivery	Yes
Stand Included	Yes
Weight: Machine w/ CP Battery	21.6 lbs
Weight: Stand Only	29.0 lbs
Push Button Start	Yes
ONE-KEY™ Compatible	Track and Manage
Battery Compatibility	Fits all MX FUEL™ Battery Packs
Warranty	2 Yr Equipment, Battery & Charger

**Includes:** (1) MX FUEL™ REDLITHIUM™ XC406 Battery Pack, (1) MX FUEL™ REDLITHIUM™ CP203 Battery Pack, MX FUEL™ CHARGER, Compact Core Drill Stand, Trigger Lock, 5/8"-11 Bit Adapter, Quick Connect, Hard Case with Wheels,



**Handheld Core Drill Kit**

**Part# MXF301-2CP = \$3,246.00**

Maximum Bit Capacity	6"
RPMs Low / High	790 / 1,550
Spindle Size	1-1/4" - 7"
Wet / Dry Coring	Both
On-Board Water Delivery	Yes
Weight w/ Battery	21.6 lbs
Push Button Start	Yes
ONE-KEY™ Compatible	Track and Manage
Battery Compatibility	Fits all MX FUEL™ Battery Packs
Warranty	2 Yr Equipment, Battery & Charger

**Includes:** (2) MX FUEL™ REDLITHIUM™ CP203 Battery Packs, MX FUEL™ CHARGER, Trigger Lock, 5/8"-11 Bit Adapter, Quick Connect, Hard Case with Wheels,



**Breaker**

**Part# MXF368-1XC = \$2,557.00**

Chuck Size	1-1/8" Hex
Blows per Minute	1,300
Impact Energy (ft/lbs)	50
Vibration	4.9 m/s <sup>2</sup>
Soft Start	Yes
Weight w/ Battery	63.9 lbs
Push Button Start	Yes
ONE-KEY™ Compatible	Track and Manage
Battery Compatibility	Fits all MX FUEL™ Battery Packs
Warranty	2 Yr Equipment, Battery & Charger

**Kit Includes:** MX FUEL™ REDLITHIUM™ XC406 Battery Pack, (1) MX FUEL™ CHARGER, Cart, (3) Chisels



**MX FUEL™ Charger**

**Part# MXFC = \$220.00**



Compatibility	Charges All MX FUEL™ Batteries
Charge Speed	Charges MX FUEL™ CP203 Battery in 45 minutes Charges MX FUEL™ XC406 Battery in 90 minutes
REDLINK™ Intelligence	Yes
On-Board Fan	Yes
Cell Voltage Monitoring	Yes
On-Board Indicator Light	Yes
Warranty	2 Year

**MX FUEL™ REDLITHIUM™ CP203 Battery**

**Part# MXFCP203 = \$324.00**



Compatibility	Fits All MX FUEL™ Equipment
Charge Duration	45 minutes
Capacity	3.0 Ah
Fuel Gauge	Yes
REDLINK™ Intelligence	Yes
ONE-KEY™ Compatible	No
Warranty	2 Year

**MX FUEL™ REDLITHIUM™ XC406 Battery**

**Part# MXFXC406 = \$557.00**



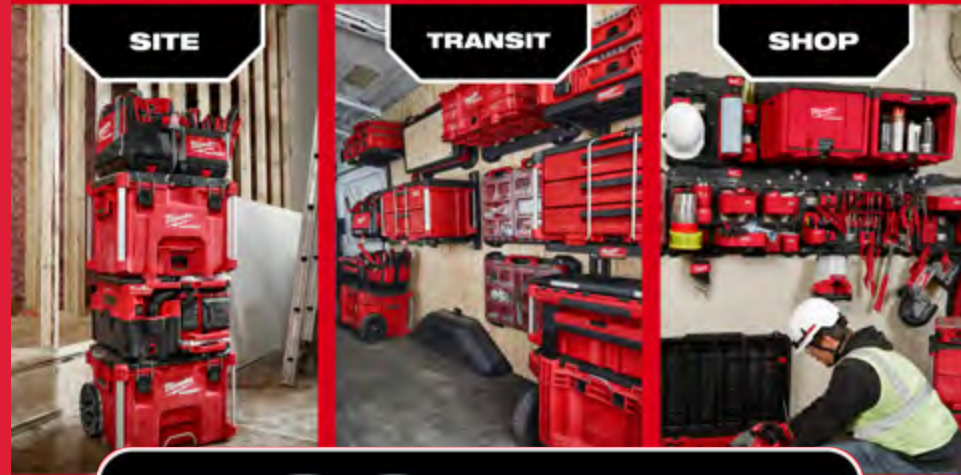
Compatibility	Fits All MX FUEL™ Equipment
Charge Duration	90 minutes
Capacity	6.0 Ah
Fuel Gauge	Yes
REDLINK™ Intelligence	Yes
ONE-KEY™ Compatible	Yes
Warranty	2 Year





Milwaukee

**PACKOUT™**  
MODULAR STORAGE SYSTEM



**MOST VERSATILE  
DURABLE**  
MODULAR STORAGE SYSTEM

PACKOUT™

Milwaukee



**PACKOUT™**  
Rolling Tool Box  
Part# 48-22-8426 = \$120.00



**PACKOUT™**  
Rolling Tool Chest  
Part# 48-22-8428 = \$209.00



**PACKOUT™**  
Dolly  
Part# 48-22-8410  
\$86.00



**PACKOUT™**  
2-Wheel Cart  
Part# 48-22-8415 = \$197.00

**PACKOUT™**  
MODULAR STORAGE SYSTEM



**PACKOUT™ XL Tool Box**  
Part# 48-22-8429 = \$108.00



**PACKOUT™ Large Tool Box**  
Part# 48-22-8425 = \$78.00



**PACKOUT™ Tool Box**  
Part# 48-22-8424 = \$70.00



**PACKOUT Modular  
Storage System: Foam Insert**  
Part# 48-22-8450 = \$70.00



**PACKOUT™ Compact  
Low-Profile Organizer**  
Part# 48-22-8436 = \$26.70



**PACKOUT™  
Compact Organizer**  
Part# 48-22-8435 = \$31.20



**PACKOUT™  
Low Profile Organizer**  
Part# 48-22-8431 = \$40.20



**PACKOUT™ Organizer**  
Part# 48-22-8430 = \$44.70



**PACKOUT™  
Deep Organizer**  
Part# 48-22-8432 = \$59.00



**PACKOUT™  
Compact Tool Box**  
Part# 48-22-8422 = \$62.00



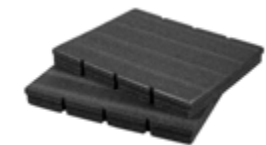
**Drawer  
Dimensions**  
5" High, 16.3" Wide  
12.5" Deep

**PACKOUT™  
2-Drawer Tool Box**  
Part# 48-22-8442 = \$137.00



**Drawer  
Dimensions**  
3" High, 16.3" Wide  
12.5" Deep

**PACKOUT™  
3-Drawer Tool Box**  
Part# 48-22-8443 = \$158.00



**Customizable  
Foam Insert for  
PACKOUT™ Drawer  
Tool Boxes**

Compatible with Item# 48-22-8442  
and # 48-22-8443

Part# 48-22-8452 = \$24.05

**Drawer Dividers  
for PACKOUT™  
2-Drawer Tool Box**

Compatible with Item# 48-22-8442

Part# 48-22-8472 = \$9.45

**Drawer Dividers  
for PACKOUT™  
3-Drawer Tool Box**

Compatible with Item# 48-22-8443

Part# 48-22-8473 = \$9.45

PACKOUT™

Milwaukee



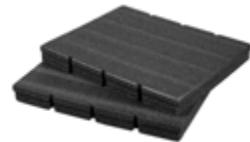
### PACKOUT™ 4 Drawer Tool Box

Drawer Dimensions:  
2.3" High x 16.3" Wide x 12.5" Deep  
Item# 48-22-8444 = \$177.00



### PACKOUT™ Multi-Depth 3-Drawer Tool Box

Drawer Dimensions:  
(2) 2.5" High x 16.3" Wide x 12.5" Deep  
(1) 5" High x 16.3" Wide x 12.5" Deep  
Item# 48-22-8447 = \$159.00



### PACKOUT™ Low-Profile Customizable Foam Insert

Compatible with Item # 48-22-8444 and # 48-22-8447  
Part# 48-22-8453 = \$24.05



### PACKOUT™ Crate

Part# 48-22-8440 = \$45.90

### Divider for PACKOUT™ Crate

Item# 48-22-8040 \$16.90



### PACKOUT™ Customizable Work Top

Part# 48-22-8488 = \$47.40



### PACKOUT™ Cabinet

Item# 48-22-8445 = \$125.00



### PACKOUT Tool Tray

Item# 48-22-8045 = \$35.40



M18 FUEL

### PACKOUT™ 2.5 Gallon Wet/Dry Vacuum

Part# 0970-20 = \$188.00

- Up to 60% More Suction • 50 CFM
- 47" Water Lift: Powerful suction for wet and dry applications
- Fully compatible with Milwaukee PACKOUT™ Modular Storage System

PACKOUT™ MODULAR STORAGE SYSTEM



### M12™ PACKOUT™ Flood Light with USB Charging

Part# 2356-20 = \$122.00

Modes/Lumens	3 Modes / 350, 700, 1400
Charge Ports	USB-A, USB-C
Dimensions	15.2" L x 9.8" W x 4.6" H



### M18™ PACKOUT™ Light Charger

Part# 2357-20  
\$188.00

Modes / Lumens	High: 3,000L, Medium: 1,500L, Low: 1,000L
Run Time	All Light Panels 4/8/12 Hrs
Dimensions	16.9" L, 9.8" W, 8.7" H
Weight	11.4 lbs.



### PACKOUT™ 16 QT Compact Cooler

Part# 48-22-8460  
\$95.00



### PACKOUT™ 40 Qt XL Cooler

Part# 48-22-8462 = \$218.00

PACKOUT™ MODULAR STORAGE SYSTEM



### PACKOUT™ 2-Pc Vertical E-Track for Racking Shelves

Part# 48-22-8482 = \$47.40



### PACKOUT™ Racking Shelf

Part# 48-22-8481 = \$44.40



### PACKOUT™ Racking Kit

Part# 48-22-8480 = \$119.00



### Jobsite Backpack

Part# 48-22-8201 = \$110.00



### PACKOUT™ 10" Tote

Part# 48-22-8310 = \$67.00



### PACKOUT™ 15" Tote

Part# 48-22-8315 = \$91.00



### PACKOUT™ Modular Storage 20" Tote

Part# 48-22-8320 = \$111.00



### 15" PACKOUT™ Tool Bag

Part# 48-22-8321 = \$56.00



### 10" Structural Tote

Part# 48-22-8311 = \$182.00



### 15" Structural Tool Bag

Part# 48-22-8316 = \$222.00



### 10 Pc HOLE DOZER™ Bi-Metal Hole Saw Kit with PACKOUT™ Compact Organizer

Part# 49-22-5606 = \$116.00

- (1) 1-1/2" Hole Dozer™ Bi-Metal Hole Saw
- (1) 2" Hole Dozer™ Bi-Metal Hole Saw
- (1) 2-1/2" Hole Dozer™ Bi-Metal Hole Saw
- (1) 3" Hole Dozer™ Bi-Metal Hole Saw
- (1) 3-5/8" Hole Dozer™ Bi-Metal Hole Saw
- (1) 4-1/4" Hole Dozer™ Bi-Metal Hole Saw
- (1) Large Thread Quick Change Arbor, 7/16" Shank
- (2) High Speed Steel Pilot Bit 1/4" x 3-1/2"
- (1) Small Thread Arbor, 3/8" Shank

### 9-Pc BIG HAWG™ with Carbide Teeth PACKOUT™ Kit

Part# 49-56-9295 = \$161.00

- 2-1/8", 2-9/16", 3", 3-5/8", 4-5/8"

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### 79 PC Class A Type III PACKOUT™ First Aid Kit

Item# 48-73-8435 \$73.00



### 100 Pc. Shockwave PACKOUT™ Kit

Part# 48-32-4082 = \$74.00

- |                                 |                          |                          |                                |
|---------------------------------|--------------------------|--------------------------|--------------------------------|
| (1) Compact Magnetic Bit Holder | (2) TORX® Bit 1" T27     | (1) Hex Bit 1" 1/4"      | (1) Square Bit 3.5" SQ2        |
| (2) Phillips Bit 1" P1          | (2) TORX® Bit 1" T30     | (2) Phillips Bit 2" P1   | (1) TORX® Bit 3.5" T25         |
| (6) Phillips Bit 1" P2          | (1) Hex Bit 1" 3/32" (1) | (5) Phillips Bit 2" P2   | (1) P2/P2 Double Ended Bit     |
| (2) Phillips Bit 1" PR2         | Slotted Bit 1" SL 1/4"   | (2) Phillips Bit 2" P3   | (1) P2/SL #10 Double Ended Bit |
| (2) Phillips Bit 1" P3          | (1) Slotted Bit 1/6"     | (2) Square Bit 2" SQ1    | (1) P2/T25 Double Ended Bit    |
| (2) Square Bit 1" SQ1           | (1) Slotted Bit 1/8"     | (5) Square Bit 2" SQ2    | (1) P2/SQ2 Double Ended Bit    |
| (6) Square Bit 1" SQ2           | (1) Slotted 1" #10 Bit   | (2) Square Bit 2" SQ3    | (1) T20/T25 Double Ended Bit   |
| (2) Square Bit 1" SQ3           | (1) Slotted 1" #12 Bit   | (2) TORX® Bit 2" T10     | (1) 1/4" Magnetic Nut Driver   |
| (2) TORX® Bit 1" T10            | (1) Hex Bit 1" 7/64"     | (2) TORX® Bit 2" T15     | (1) 5/16" Magnetic Nut Driver  |
| (2) TORX® Bit 1" T15            | (1) Hex Bit 1" 1/8"      | (5) TORX® Bit 2" T20     |                                |
| (6) TORX® Bit 1" T20            | (1) Hex Bit 1" 9/64"     | (5) TORX® Bit 2" T25     |                                |
| (6) TORX® Bit 1" T25            | (1) Hex Bit 1" 5/32"     | (2) TORX® Bit 2" T27     |                                |
|                                 | (1) Hex Bit 1" 3/16"     | (1) Phillips Bit 3.5" P2 |                                |



### 1/4" & 3/8" Metric & SAE Ratchet AND Socket Set with PACKOUT™ Low-Profile Compact Organizer

48-22-9486 = \$278.00



(1) PACKOUT™ Low-Profile Organizer (48-22-8436)

(1) 1/4" Drive 50pc Ratchet & Socket Set - SAE & Metric (48-22-9004) - includes below:

- Fractional Standard Length Sizes: 5/32", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16"
- Fractional Deep Length Sizes: 5/32", 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16"
- Metric Standard Length Sizes: 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm
- Metric Deep Length Sizes: 5.5, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm
- Accessories: (1) 90-Tooth Ratchet, (1) Universal Socket, (1) 6" Extension, (1) 3" Extension

(1) 3/8" Drive 56 pc Ratchet & Socket Set - SAE & Metric (48-22-9008) - includes below:

- Fractional Std Length Sizes: 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 11/16", 3/4", 13/16", 7/8", 15/16", 1"
- Fractional Deep Length Sizes: 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 11/16", 3/4", 13/16", 7/8"
- Metric Standard Length Sizes: 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm
- Metric Deep Length Sizes: 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm
- Accessories: (1) 90-Tooth Ratchet, (1) Universal Hose Adapter, (1) 6" Extension, (1) 3" Extension



### 28 Pc 3/8" SAE Ratchet and Socket Set with PACKOUT™ Low-Profile Compact Organizer

48-22-9481 = \$114.00



- Fractional Standard Length Sizes: 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1"
- Fractional Deep Length Sizes: 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8"
- Accessories: (1) PACKOUT™ Low-Profile Organizer (48-22-8436), (1) 90-Tooth Ratchet, (1) Universal Hose Adapter, (1) 6" Extension, (1) 3" Extension



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### 3/8" Metric Ratchet and Socket Set with PACKOUT™ Low-Profile Compact Organizer

48-22-9482 = \$114.00

Includes:

- Metric Standard Length Sizes: 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm
- Metric Deep Length Sizes: 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm
- Accessories: (1) PACKOUT™ Low-Profile Organizer (48-22-8436), (1) 90-Tooth Ratchet, (1) Universal Hose Adapter, (1) 6" Extension, (1) 3" Extension



### 1/2" Drive 47 Pc Ratchet and Socket Set with Low-Profile PACKOUT Organizer

Part# 48-22-9487 = \$286.00



Includes:

- Fractional Standard Length Sizes: 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8"
- Fractional Deep Length Sizes: 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16"
- Accessories: (1) 90-Tooth Ratchet, (1) 5" Extension, (1) 3" Extension
- Metric Standard Length Sizes: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24mm
- Metric Deep Length Sizes: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm



### 19 Pc - 3/8" DR Metric SHOCKWAVE Packout Impact Socket Set

Part# 49-66-6801 = \$89.00

- Includes: Metric Deep Length Sizes: 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24mm

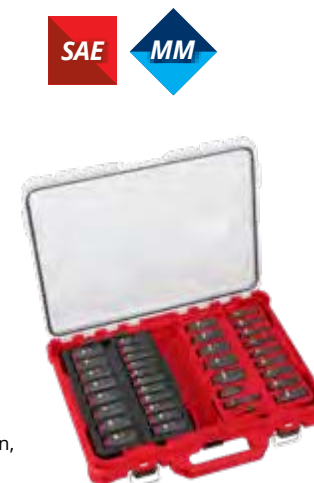


### 36 Pc - 3/8" DR SHOCKWAVE Packout Impact Duty Socket Set

Part# 49-66-6805 = \$171.00

Includes:

- Metric Deep Length Sizes: 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24mm
- Fractional Deep Length Sizes: 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16"
- Accessories: 1/4" Hex to 3/8" Square Socket Adapter, 3" Extension, 3/8" Universal Joint



### 27 Pc - 1/2" DR Fractional & Metric SHOCKWAVE Packout Impact Socket Set

Part# 49-66-6804 = \$124.00

Includes:

- Metric Standard Length Sizes: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24mm
- Fractional Standard Length Sizes: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8"



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### 31 Pc SHOCKWAVE 1/2" SAE & Metric Packout Deep Impact Socket Set

Item# 49-66-6806 = \$222.00

**Includes:**

- Fractional Deep Length Sizes: 3/8", 7/16" 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1", 1-1/16", 1-1/8", 1-1/4", 1-1/2"
- Metric Deep Length Sizes: 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm, 20mm, 21mm, 22mm, 23mm, 24mm, 3" Extension



### 38 Pc Metric Tap & Die PACKOUT™ Set with Hex-LOK™ 2-in-1 Handle

Item# 49-22-5603 = \$142.00

**Includes:**

- (1) 0.35-3.00 mm Metric Thread Pitch Gauge
- Straight Flute Plug Taps: M3-0.50mm, M4-0.70mm, M4-0.75mm, M5-0.90mm, M5-0.80mm, M6-1.00mm, M7-1.00mm, M8-1.25mm, M8-1.00mm, M9-1.25mm, M9-1.00mm, M10-1.50mm, M10-1.25mm, M11-1.50mm, M12-1.75mm, M12-1.50mm, 1/8"-28 BSP
- 1" Hex Threading Dies: M3-0.50mm, M4-0.70mm, M5-0.90mm, M5-0.80mm, M6-1.00mm, M7-1.00mm, M8-1.25mm, M8-1.00mm, M9-1.25mm, M10-1.50mm, M10-1.25mm, M11-1.50mm, M12-1.75mm, M10-1.50mm
- (1) Tap Collet, (1) Sliding T-Handle, (1) Hex-LOK 2-in-1 Handle



### 15 Pc SHOCKWAVE 1/2" SAE Packout Deep Impact Socket Set

Item# 49-66-6802 = \$124.00

**Includes:**

- Fractional Deep Length Sizes: 3/8", 7/16" 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1", 1-1/16", 1-1/8", 1-1/4", 1-1/2"



### 38 Pc SAE Tap & Die PACKOUT™ Set with Hex-LOK™ 2-in-1 Handle

Item# 49-22-5604 = \$142.00

**Includes:**

- (1) 8-44 TPI SAE Thread Pitch Gauge
- Straight Flute Plug Taps: 4-40 NC, 6-32 NC, 8-32 NC, 10-24 NC, 10-32 NC, 12-24 NC, 1/4"-20 NC, 1/4" - 28 NF, 5/16" - 18 NC, 5/16" - 24 NC, 3/8" - 16 NC, 3/8" - 24 NF, 7/16" - 14 NC, 3/8" - 24 NF, 3/8" - 24 NF, 1/2" - 20 NF, 1/8" - 27 NPT
- 1" Hex Threading Dies: 4-40 NC, 6-32 NC, 8-32 NC, 10-24 NC, 10-32 NF, 12-24 NC, 1/4"-20 NC, 1/4"-28 NF, 5/16"-18 NC, 5/16"-24 NC, 3/8"-16 NC, 3/8"-16 NC, 3/8"-24 NF, 7/16"-14 NC, 7/16"-20 NF, 1/2"-13 NC, 1/2"-20 NF, 1/8"-27 NPT
- (1) Tap Collet, (1) Sliding T-Handle, (1) Hex-LOK 2-in-1 Handle



### 16 Pc 1/2" DR Metric SHOCKWAVE Packout Impact Socket Set

Part# 49-66-6803 = \$124.00

**Includes:**

- (15) Metric Deep Length Sizes & (1) Impact Socket Accessory: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24mm
- (1) 3" Extension



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### Divider for PACKOUT Crate

Item# 48-22-8486 = \$20.15



### PACKOUT™ Large Wall Plate

Item# 48-22-8487 = \$37.20



### PACKOUT™ Mounting Plate

Item# 48-22-8485 = \$27.00



**PACKOUT™**  
MODULAR STORAGE SYSTEM



**PACKOUT™**  
**4" Single Straight Hook**  
Part# 48-22-8328 = \$11.48



**PACKOUT™**  
**Wide Hook**  
Item# 48-22-8332 = \$19.83



**PACKOUT™ Organizer Cup**  
Item# 48-22-8336 = \$12.29



**PACKOUT™ Tool Rack**  
Item# 48-22-8340 = \$14.30

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**PACKOUT™**  
**Compact Shelf**  
Item# 48-22-8347 = \$18.85



**PACKOUT™**  
**Magnetic Bin**  
Part# 48-22-8070 = \$9.45



**PACKOUT™**  
**7-Hook Rack**  
Part# 48-22-8329 = \$18.20



**PACKOUT™**  
**4" S-Hook**  
Item# 48-22-8333 = \$13.65



**PACKOUT™ Roll Holder**  
Item# 48-22-8337 = \$22.75



**PACKOUT™**  
**Screwdriver Rack**  
Item# 48-22-8341 = \$14.30



**PACKOUT™**  
**Magnetic Rack**  
Part# 48-22-8346 = \$27.00



**PACKOUT™ Large Magnetic Bin**  
Part# 48-22-8071 = \$13.65

Packout™



**PACKOUT™**  
**9" Straight Hook**  
Item# 48-22-8330 = \$18.20



**PACKOUT™**  
**4" Straight Hook**  
Item# 48-22-8334 = \$12.29



**PACKOUT™ M12™**  
**Battery Rack**  
Item# 48-22-8338 = \$16.90



**PACKOUT™**  
**Compact Wall Basket**  
Part# 48-22-8342 = \$22.10



**PACKOUT™**  
**Long Handle Tool Holder**  
Part# 48-22-8348 = \$21.45



**PACKOUT™**  
**20 oz Tumbler**  
Part# 48-22-8392B = \$25.20  
Part# 48-22-8392R = \$25.20



**PACKOUT™**  
**7" Curved Hook**  
Item# 48-22-8331 = \$18.20



**PACKOUT™**  
**3" Curved Hook**  
Item# 48-22-8335 = \$12.29



**PACKOUT™ M18™**  
**Battery Rack**  
Item# 48-22-8339 = \$20.80



**PACKOUT™ Tool Station**  
Item# 48-22-8343 = \$34.80



**PACKOUT™**  
**Long Handle Tool Rack**  
Item# 48-22-8349 \$34.80



**PACKOUT™**  
**30 oz Tumbler**  
Part# 48-22-8393B = \$29.40  
Part# 48-22-8393R = \$29.40

Packout™





### 4 Pc Cushion Grip Screwdriver Set

Part# MT200-4 = \$36.05

**Includes:**

- (1) #2 Phillips 4" Cushion Grip
- (1) 1/4" Slotted 4" Cushion Grip
- (1) 5/16" Slotted 6" Cushion Grip
- (1) 3/16" Cabinet 6" Cushion Grip



### 6 Pc Cushion Grip Screwdriver Set

Part# MT200-6 = \$50.84

**Includes:**

- (1) #1 Phillips 3" Cushion Grip
- (1) #2 Phillips 4" Cushion Grip
- (1) #3 Phillips 6" Cushion Grip
- (1) 1/4" Slotted 4" Cushion Grip
- (1) 5/16" Slotted 6" Cushion Grip
- (1) 3/16" Cabinet 6" Cushion Grip



### 11 in 1 Multi-Bit Driver

Part# 48-22-2761 = \$12.83



### 3/8" Drive SAE and Metric 56 Pc Ratchet and Socket Set



Part# 48-22-9008 = \$162.00

**Includes:**

- Fractional Standard Length Sizes: 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 11/16", 3/4", 13/16", 7/8", 1"
- Fractional Deep Length Sizes: 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 11/16", 3/4", 13/16", 7/8", 15/16"
- Metric Standard Length Sizes: 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm
- Metric Deep Length Sizes: 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm
- Accessories: (1) 90-Tooth Ratchet, (1) Universal Hose Adapter, (1) 6" Extension, (1) 3" Extension



### 1/2" Drive 49 Pc Ratchet and Socket Set - SAE & Metric



Part# 48-22-9010 = \$230.00

**Includes:**

- Fractional Standard Length Sizes: 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1 1/16", 1 1/8"
- Fractional Deep Length Sizes: 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16"
- Metric Standard Length Sizes: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24 mm
- Metric Deep Length Sizes: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19
- Accessories: (1) 90-Tooth Ratchet, (1) 5" Extension, (1) 3" Extension



### 1/2" Drive 24 Pc Ratchet and Socket Set - SAE



Part# 48-22-9410 = \$151.00

**Includes:**

- Fractional Standard Length Sizes: 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1 1/16", 1 1/8"
- Fractional Deep Length Sizes: 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16"
- Accessories: (1) 90-Tooth Ratchet, (1) 5" Extension, (1) 3" Extension



### 1/2" Drive 29 Pc Ratchet and Socket Set - Metric with FOUR FLAT™ Sides



Part# 48-22-9510 = \$156.00

**Includes:**

- Metric Standard Length Sizes: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24mm
- Metric Deep Length Sizes: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm
- Accessories: (1) 90-Tooth Ratchet, (1) 5" Extension, (1) 3" Extension



Screwdrivers

Socket Sets



### 9 pc Folding Hex Key Set - SAE

Part# 48-22-2181 = \$13.91

- Includes 9 SAE keys: 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4"



### 8 pc Folding Hex Key Set - Metric

Part# 48-22-2182 = \$13.91

- Includes 8 metric keys: 1.5mm, 2mm, 2.5mm, 3mm, 4mm, 5mm, 6mm, 8mm



### 8 pc Folding Hex Key Set - Torx

Part# 48-22-2184 = \$13.91

- Includes 8 Torx keys: T9, T10, T15, T20, T25, T27, T30, T40

### 3/8" Drive 28 Pc Ratchet & Socket Set- SAE



Part# 48-22-9408 = \$90.00

**Includes:**

- Fractional Standard Length Sizes: 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1"
- Fractional Deep Length Sizes: 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8"
- Accessories: (1) 90-Tooth Ratchet, (1) Universal Hose Adapter, (1) 6" Extension, (1) 3" Extension





### EMT Aluminum Conduit Benders

- Part# 48-22-4070 (1/2") = \$46.21
- Part# 48-22-4071 (3/4") = \$55.00
- Part# 48-22-4072 (1") = \$102.00



### EMT Iron Conduit Benders

- Part# 48-22-4080 (1/2") = \$65.00
- Part# 48-22-4081 (3/4") = \$81.00
- Part# 48-22-4082 (1") = \$101.00



- 3 LENGTH DESIGN**
- 10" length for tight spaces
  - 18" length for general purpose
  - 24" length for maximum leverage and reach

### CHEATER Adaptable Pipe Wrench

Part# 48-22-7314 = \$92.00



### Steel Pipe Wrenches

- Part# 48-22-7110 (10") \$23.93
- Part# 48-22-7112 (12") \$25.30
- Part# 48-22-7114 (14") \$32.06
- Part# 48-22-7118 (18") \$44.40
- Part# 48-22-7124 (24") \$67.00
- Part# 48-22-7136 (36") \$148.00
- Part# 48-22-7148 (48") \$233.00



### CHEATER Aluminum Adaptable Pipe Wrench

Part# 48-22-7318 = \$104.00

- MULTI-LENGTH DESIGN**
- 11" length for tight access
  - 18"-24" length for general purpose - max leverage



### Aluminum Pipe Wrench with POWERLENGTH™ Handle

- Part# 48-22-7213 (10") = \$48.44
- Part# 48-22-7215 (14L) = \$63.00



### Aluminum Pipe Wrenches

- Part# 48-22-7210 (10") \$34.68
- Part# 48-22-7212 (12") \$42.32
- Part# 48-22-7214 (14") \$42.52
- Part# 48-22-7218 (18") \$57.00
- Part# 48-22-7224 (24") \$94.00
- Part# 48-22-7236 (36") \$176.00
- Part# 48-22-7248 (48") \$344.00



### Steel Offset Hex Pipe Wrench

Part# 48-22-7171 = \$33.73



### 12" Smooth Jaw Pipe Wrench

Part# 48-22-7186 = \$42.65

### 2 Pc Adj. Wrench Set 6" & 10"

Part# 48-22-7400 = \$26.86



### 7 Pc Combination Wrench Set SAE

Part# 48-22-9407 = \$60.00

- Includes 3/8", 7/16", 1/2", 9/16", 11/16", 3/4", 5/8" Combination Wrenches



SAE

### 7 Pc Combination Wrench Set Metric

Part# 48-22-9507 = \$60.00

- Includes 8, 10, 12, 13, 14, 15, 17 mm Combination Wrenches



MM

### 15 Pc Combination Wrench Set Metric

Part# 48-22-9515 \$117.00

- Includes 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22 mm Combination Wrenches



MM

### 15 Pc Combination Wrench Set SAE

Part# 48-22-9415 \$117.00

- Includes 1/4", 9/32", 5/16", 7/8", 11/32", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 15/16", 1" Combination Wrenches

SAE



Wrenches





Milwaukee

### Milled Face Framing Hammers

Part# 48-22-9016 (17 oz.) = \$33.04  
Part# 48-22-9022 (22 oz.) = \$25.51



### Steel Ball Peen Hammers

Part# 48-22-9130 (16 oz.) = \$26.46  
Part# 48-22-9131 (24 oz.) = \$31.68



### Dead Blow Ball Peen Hammers

Part# 48-22-9140 (16 oz.) = \$44.10  
Part# 48-22-9141 (32 oz.) = \$58.00



### STILETTO® 14 oz TI Smooth Face 16" Curved Hickory Handle Hammer

Part# T114SC = \$101.00

- Best Driving Performance
- Precision Balanced Design
- Shock Absorbing American Hickory
- Magnetic Nail Set
- Axe Style Curved Claw
- Anti-Ring Claw Design
- Limited Lifetime Warranty



### STILETTO® Ti-Bone III 15 oz Milled Face Hammer

Part# TB3MC = \$236.00

- 180° Side Nail Puller - Pulls 6D-16D Nails with Ease
- Replaceable Milled or Smooth Steel Face
- Magnetic Nail Starter
- Lightweight Titanium Handle Balanced to Maximize Swing
- Made in USA
- Durable, replaceable steel milled face
- Ergonomic Thumb Divot in Handle for Increased Control



### STILETTO® Ti-Bone III 15 oz Smooth Face Hammer

Part# TB3SC = \$236.00

- 180° Side Nail Puller - Pulls 6D-16D Nails with Ease
- Replaceable Milled or Smooth Steel Face
- Magnetic Nail Starter
- Lightweight and balanced design
- Durable, replaceable steel smooth face
- Ergonomic Thumb Divot in Handle for Increased Control
- Made in USA



### Dead Blow Hammers

Part# 48-22-9150 (28 oz.) = \$26.46  
Part# 48-22-9151 (48 oz.) = \$35.28



SAE

### 7 Pc SAE Hollow Shaft Nut Driver Set

Part# 48-22-2407 = \$37.26  
• 1/4", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16"



MM

### 7 Pc Metric Hollow Shaft Nut Driver Set

Part# 48-22-2417 = \$37.26  
5, 5.5, 6, 7, 8, 10, 13mm

Milwaukee

### 10" Torque Lock Curved Jaw Locking Pliers

Part# 48-22-3420 = \$13.25



### Torque Lock™ Large Jaw Locking Pliers

Part# 48-22-3541 = \$19.38



### Torque Lock™ Curved Jaw Locking Pliers with Durable Grip



Part#	Size	Price
48-22-3407	7"	\$15.04
48-22-3410	10"	\$15.81

### 2 Pc - 7" & 10" Torque Lock™ Curved Jaw Locking Pliers Set

Part# 48-22-3402 = \$25.85



### Torque Lock™ Locking C-Clamp with Regular Jaws

Part#	Size	Price
48-22-3531	11"	\$21.91
48-22-3530	18"	\$25.84



### Torque Lock™ Locking C-Clamp with Swivel Jaws

Part#	Size	Price
48-22-3522	6"	\$14.87
48-22-3523	9"	\$18.71
48-22-3521	11"	\$23.11
48-22-3520	18"	\$27.35



### 9" Torque Lock™ Locking Chain Wrench

Part# 48-22-3542 = \$25.20



Hammers

Milwaukee

Pliers

Milwaukee





**13" Long Reach Pliers Straight Nose**  
Part# 48-22-6540 = \$31.20



**6" Diagonal Cutting Pliers**  
Part# 48-22-6106 = \$16.77



**Comfort Grip Fencing Pliers**  
Part# 48-22-6410 = \$26.76



**7-1/8" Wire Stripper/Cutter for Solid & Stranded Wire**  
Part# 48-22-6109 = \$17.81



**Comfort Grip 6-in-1 Pliers**  
Part# 48-22-3079 = \$19.83



**Offset Jobsite Scissors**  
Part# 48-22-4046 = \$16.77



**Compact Folding Utility Knife**  
Part# 48-22-1500 = \$8.40



**Folding Utility Knife**  
Part# 48-22-1501 = \$11.21



**Folding Utility Knife with Blade Storage**  
Part# 48-22-1502 = \$14.01



**FASTBACK™ 6 in 1 Folding Utility Knife**  
Part# 48-22-1505 = \$18.20



**Side Sliding Utility Knife**  
Part# 48-22-1510 = \$11.14



**Compact Side Sliding Utility Knife**  
Part# 48-22-1511 = \$8.51



**Self-Retracting Utility Knife**  
Part# 48-22-1512 = \$9.45



**Folding Knife**  
Part# 48-22-1520 = \$15.60



**Compact Folding Knife**  
Part# 48-22-1521 = \$10.13



**Hawkbill Folding Knife**  
Part# 48-22-1525 = \$15.60



**Spring Assisted Knife**  
Part# 48-22-1530 = \$20.15



Pliers



Knives





**5 in1 Folding Knife**  
Part# 48-22-1540 = \$24.38



**Pipe Lock Level**  
Part# 48-22-5001 = \$13.52



**100' Fine Line Chalk Kit with Blue Chalk**  
Part# 48-22-3992 = \$14.70



**Pipe Level**  
Part# 48-22-5603 = \$18.38



**Clamp Meter**  
Part# 2237-20  
\$184.00



**Auto Voltage/Continuity Tester w/Resistance**  
Part# 2213-20 = \$53.00



**400 Amp Clamp Meter**  
Part# 2235-20  
\$101.00



**Digital Multimeter**  
Part# 2216-20  
\$125.00



**65' Laser Distance Meter**  
Part# 48-22-9801 = \$55.00



**Shockwave Right Angle Adapter**  
Part# 48-32-2390 = \$20.02



**Right Angle Attachment**  
Part# 49-22-8510 = \$48.72



**Bolt Cutters**  
Part# 48-22-4018 (18") = \$43.68  
Part# 48-22-4024 (24") = \$58.00



**150' Laser Distance Meter**  
Part# 48-22-9802 = \$102.00



**Shockwave Right Angle Adapter**  
Part# 48-32-2390 = \$20.02



**Right Angle Attachment**  
Part# 49-22-8510 = \$48.72

**13 Pc SHOCKWAVE Impact Duty™ Driver Bit Set**

Part# 48-32-4035 = \$8.10  
Includes: (2) Ph2, (1) Ph3, (2) Sq2, (1) T15, (2) T20, (2) T25, (1) SL8, (1) SL10





## 54 pc. SHOCKWAVE Impact Duty™ Driver Bit Set

Part# 48-32-4010 = \$23.40

**Includes:**

- |                               |                                 |                        |
|-------------------------------|---------------------------------|------------------------|
| (1) Hex Bit 1" 3/16"          | (1) Square Bit 3 1/2" SQ2       | (1) TORX® Bit 1" T25   |
| (1) 3/8" Magnetic Nut Driver  | (1) T20/T25 Double Ended Bit    | (1) TORX® Bit 1" T27   |
| (1) 5/16" Magnetic Nut Driver | (1) T25 3 1/2" Power Groove Bit | (1) TORX® Bit 1" T30   |
| (1) 1/4" Magnetic Nut Driver  | (1) Phillips Bit 1" P1          | (3) Phillips Bit 2" P1 |
| (1) \$name                    | (3) Phillips Bit 1" P2          | (3) Phillips Bit 2" P2 |
| (1) Hex Bit 1" 1/8"           | (2) Phillips Bit 1" P3          | (1) Slotted 1" #10 Bit |
| (1) Hex Bit 1" 5/32"          | (2) Phillips Reduced 1" PR2 Bit | (1) Square Bit 2" SQ2  |
| (1) Hex Bit 1" 9/64"          | (1) Square Bit 1" SQ1           | (1) Square Bit 2" SQ3  |
| (1) P2/SQ2 Double Ended Bit   | (1) Square Bit 1" SQ3           | (1) Slotted 1" #8 Bit  |
| (1) P2/T25 Double Ended Bit   | (1) TORX® Bit 1" T15            | (1) TORX® Bit 2" T20   |
| (1) Phillips Bit 3.5" P2      | (1) TORX® Bit 1" T20            | (1) TORX® Bit 2" T25   |



## 80 pc. SHOCKWAVE Impact Duty™ Driver Bit Set

Part# 48-32-4094 = \$31.20

**Includes:**

- |                             |                                 |
|-----------------------------|---------------------------------|
| (1) TORX® Bit 1" T10        | (1) Hex3mm 312 Power Groove Bit |
| (1) TORX® Bit 1" T15        | (1) Hex4mm 312 Power Groove Bit |
| (3) Square Bit 1" SQ2       | (1) Square Bit 1" SQ1           |
| (4) Phillips Bit 1" P2      | (1) Hex5mm 312 Power Groove Bit |
| (1) Phillips Bit 1" P1      | (1) Square Bit 1" SQ3           |
| (1) Phillips Bit 3-1/2" P2  | (1) TORX® Bit 1" T27            |
| (1) Square Bit 3-1/2" SQ2   | (3) Phillips Bit 2" P2          |
| (1) Hex Bit 1" 1/8"         | (3) Phillips Bit 2" P3          |
| (1) Hex Bit 1" 3/16"        | (1) Slotted 1" #10 Bit          |
| (1) Hex Bit 1" 3/32"        | (1) Phillips Bit 1" PR2         |
| (1) Hex Bit 1" 5/32"        | (1) Square Bit 2" SQ2           |
| (1) Hex Bit 1" 7/64"        | (1) Square Bit 2" SQ3           |
| (1) Hex Bit 1" 9/64"        | (1) TORX® Bit 2" T20            |
| (1) Insert 1/4" Nut Driver  | (1) TORX® Bit 2" T25            |
| (1) Insert 3/8" Nut Driver  | (3) TORX® Bit 1" T20            |
| (1) Insert 5/16" Nut Driver | (1) TORX® Bit 1" T30            |
| (1) P2/SQ2 Double Ended Bit | (1) 1/4" Magnetic Nut Driver    |
| (1) P2/T25 Double Ended Bit | (1) 3/8" Magnetic Nut Driver    |
| (2) Phillips Bit 1" P3      | (1) 5/16" Magnetic Nut Driver   |



## 23 PC SHOCKWAVE™ RED HELIX™ Titanium Drill Bit Set

Part# 48-89-4631 = \$34.52

**Includes:**

- |  |   |
|--|---|
| (1) 9/64" RED HELIX™ Titanium Drill Bit (48-89-4606) | (1) 23/64" Titanium (48-89-4620)                      |
| (1) 9/32" Titanium (48-89-4615)                      | (1) 21/64" Titanium (48-89-4618)                      |
| (1) 7/64" Titanium (48-89-4604)                      | (1) 19/64" Titanium (48-89-4616)                      |
| (1) 7/32" RED HELIX™ Titanium Drill Bit (48-89-4611) | (1) 17/64" Titanium (48-89-4614)                      |
| (1) 7/16" Titanium (48-89-4625)                      | (1) 15/64" Titanium (48-89-4612)                      |
| (1) 5/64" Titanium (48-89-4602)                      | (1) 15/32" Titanium (48-89-4627)                      |
| (1) 5/32" RED HELIX™ Titanium Drill Bit (48-89-4607) | (1) 13/64" RED HELIX™ Titanium Drill Bit (48-89-4610) |
| (1) 5/16" RED HELIX™ Titanium Drill Bit (48-89-4617) | (1) 11/64" RED HELIX™ Titanium Drill Bit (48-89-4608) |
| (1) 3/8" RED HELIX™ Titanium Drill Bit (48-89-4621)  | (1) 11/32" Titanium (48-89-4619)                      |
| (1) 3/32" Titanium S (48-89-4603)                    | (1) 1/8" RED HELIX™ Titanium Drill Bit (48-89-4605)   |
| (1) 3/16" RED HELIX™ Titanium Drill Bit (48-89-4609) | (1) 1/4" RED HELIX™ Titanium Drill Bit (48-89-4613)   |
| (1) 27/64" Titanium (48-89-4624)                     | (1) 1/2" RED HELIX™ Titanium Drill Bit (48-89-4629)   |
| (1) 25/64" Titanium (48-89-4622)                     | (1) 1/16" Titanium (48-89-4601)                       |



## RED HELIX™ Cobalt Drill Bits

- 135° split point for precision start no walking
- VARIABLE HELIX™ Design for rapid material extraction
- Designed for Hard Metals, PVC and Wood
- QUAEEDGE TIP™ designed to decrease heat build up and drill faster
- 3-Flat Secure-Grip™ helps keep the bit fixed within the chuck



## 15 Pc. Cobalt RED HELIX™ Kit

Part# 48-89-2370 = \$34.13

**Includes:**

- |                     |                     |                     |
|---------------------|---------------------|---------------------|
| (2) 1/16" Drill Bit | (2) 1/8" Drill Bit  | (1) 7/32" Drill Bit |
| (1) 5/64" Drill Bit | (1) 9/64" Drill Bit | (2) 1/4" Drill Bit  |
| (1) 3/32" Drill Bit | (1) 5/32" Drill Bit | (1) 5/16" Drill Bit |
| (1) 7/64" Drill Bit | (1) 3/16" Drill Bit | (1) 3/8" Drill Bit  |

Part#	Size	Price	Part#	Size	Price
48-89-2301	1/16"	\$2.18	48-89-2309	3/16"	\$4.00
48-89-2303	3/32"	\$2.58	48-89-2313	1/4"	\$4.76
48-89-2305	1/8"	\$2.70	48-89-2317	5/16"	\$7.52
48-89-2306	9/64"	\$3.28	48-89-2321	3/8"	\$11.97
48-89-2307	5/32"	\$3.43	48-89-2325	7/16"	\$14.11
48-89-2308	11/64"	\$3.81	48-89-2329	1/2"	\$16.86



## Step Drill Bit Set - 3 Pc.

Part# 48-89-9221 = \$82.00

**Includes:**

- (1) #4 Step Drill Bit, 3/16" - 7/8" by 1/16" (48-89-9204)
- (1) #2 Step Drill Bit, 3/16" - 1/2" by 1/16" (48-89-9202)
- (1) #1 Step Drill Bit, 1/8" - 1/2" by 1/32" (48-89-9201)
- (1) Carrying Case

## Step Drill Bits



- 2X faster-cutting
- Laser-engraved reference marks. easily stop on any whole size
- Up to 50% more holes per battery charge
- 3-flat secure-grip shank: reduces bit slippage in the chuck

Part#	Size	Price
48-89-9201	#1 - 1/8" - 1/2" by 1/32"	\$21.19
48-89-9202	#2 - 3/16" - 1/2" by 1/16"	\$27.36
48-89-9204	#4 - 3/16" - 7/8" by 1/16"	\$37.80
48-89-9206	#6 - 3/8" - 1/2" by 1/16"	\$24.05
48-89-9208	#8 - 1/2" - 1" by 1/16"	\$40.44
48-89-9209	#9 - 7/8" & 1-1/8"	\$49.56



## SHOCKWAVE™ Impact Duty™ ELECTRICAL KIT (#1, #4, #9)

Part# 48-89-9257 = \$119.00

**Includes:**

- (1) #1 SHOCKWAVE™ Impact Step Drill Bit, 1/8" - 1/2"
- (1) #4 SHOCKWAVE™ Impact Step Drill Bit, 3/16" - 7/8"
- (1) #9 SHOCKWAVE™ Impact Step Drill Bit, 7/8" - 1-1/8" (1) Carrying Case

## SHOCKWAVE™ Impact Duty™ Spiral Step Bits

- Titanium Aluminum Nitride (TiAlN) coating RAPID STRIKE™ Tip provides fast and accurate starts
- Laser engraving for easy size identification
- Most durable shank with an optimized SHOCK ZONE™



Part#	Size	Price
48-89-9241	#1 - 1/8" - 1/2"	\$25.48
48-89-9244	#4 - 3/16" - 7/8"	\$41.40
48-89-9249	#9 - 7/8" & 1-1/8"	\$56.00



## Arriving Remainder of 2023 ▼



**M18 FUEL**

### 17" Dual Battery String Trimmer

Part# 3006-22 = \$676.00  
Part# 3006-20 (Tool Only) = \$386.00



**M18 FUEL**

### Telescoping Pole Saw

Part# 3013-20 = \$579.00  
• 9' - 13' Telescoping Shaft



**M18 FUEL**

### 3/8" Controlled Torque Compact Impact Wrench with TORQUE-SENSE™

Part# 3060-20



**M18 FUEL**

### 1/2" Controlled Torque Impact Wrench with TORQUE-SENSE™

Part# 3062-20



### 9-Pc Snap Ring Pliers Set

Part# 48-22-6539

## Arriving First Quarter of 2024 ▼



500 CFM and  
120 MPH

### M18 FUEL™ Blower

Part# 3017-20  
(Tool Only)



### M18™ Green Interior Rotary Laser Level Kit with Remote/Receiver and Wall Mount Bracket

Part# 3702-21



Call for Freight Price

### M18 FUEL™ Dual Battery Backpack Blower

Part# 3009-24HD, Part# 3009-20 (Tool Only)



### M18™ Red Exterior Dual Slope Rotary Laser Level Kit w/ Receiver & Remote

Part# 3704-21T



Part# 49-16-2794  
Quik-Lok™ Reciprocator Attachment



Part# 49-16-2793  
QUIK-LOK™ Blower Attachment



Part# 49-16-2796  
QUIK-LOK™ Hedge Trimmer Attachment



Part# 49-16-2795  
QUIK-LOK™ Bed Redefiner Attachment



Part# 49-16-2739  
QUIK-LOK™ Cultivator Attachment



### Rotary Laser Tripod

Part# 48-35-3700



### Rotary Laser Wall Mount

Part# 48-35-3702

## Sanders & Burnishers



### RBE 15-180 Set Tube Belt Sander

Item# 602243620

- Rated input power: 1550 W
- Amps: 13.5 AMPS
- Max pipe diameter: 7.1"
- Wrap angle: 270 °
- Electronic soft start for smooth start-up



### SE 17-200 RT SET Burnishing Machine

Item# 602259620

- Rated input power: 1700 W
- Amps: 14.5 AMPS
- Torque: 151 in-lbs
- No-load speed: 800 - 3000 RPM
- Abrasive tool diameter: 4 - 8"
- Electronic soft start for smooth start-up

See Store for Accessories!



## Grinders



### WPB 18 LTX BL 115 4 1/2" CORDLESS ANGLE GRINDER

Item# 613074620

- Type of battery pack: LiHD
- Battery voltage: 18 V
- Disc diameter: 4 1/2 "
- No-load speed: 9000 RPM
- Electronic soft start for smooth start-up
- Paddle switch w/ dead-man function: safe to operate due to ergonomically integrated non-slip switch



### WP 13-125 QUICK ANGLE GRINDER

Item# 603629420

- Amps: 12 AMPS
- Disc diameter: 4 1/2 / 5 "
- No-load speed: 11000 RPM
- Torque: 30.1 in-lbs
- Paddle switch w/ dead-man function: safe to operate due to ergonomically integrated non-slip switch



### WP 11-125 QUICK ANGLE GRINDER

Item# 603624420

- Amps: 11 AMPS
- Disc diameter: 4 1/2 / 5 "
- Rated input power: 1100 W
- No-load speed: 11000 RPM
- Torque: 28 in-lbs
- Paddle switch w/ dead-man function: safe to operate due to ergonomically integrated non-slip switch



### WP 13-150 QUICK ANGLE GRINDER

Item# 603633420

- Amps: 12 AMPS
- Disc diameter: 6 "
- No-load speed: 10000 RPM
- Torque: 33.6 in-lbs
- Paddle switch w/ dead-man function: safe to operate due to ergonomically integrated non-slip switch



### W 13-150 QUICK ANGLE GRINDER

Item# 603632420

- Amps: 12 AMPS
- Disc diameter: 6 "
- No-load speed: 10000 RPM
- Torque: 33.6 in-lbs



### WP 1100-125 ANGLE GRINDER

Item# 603612420

- Amps: 11 AMPS
- Disc diameter: 4 1/2 / 5 "
- Rated input power: 1100 W
- No-load speed: 12000 RPM
- Torque: 23 in-lbs
- Paddle switch with dead-man function: safe to operate due to an ergonomically integrated switch



**MANUFACTURER DEFECT WARRANTY**  
White Horse Machine reserves the right, at its sole discretion, to honor the replacement of any or all items if manufacturer's defects develop under normal use within the warranty period.



*America's Finest High-Speed Cutting Tools™*

- **Substantially longer cutting life**  
The nitro-carburized flute has an increased Rockwell hardness.
- **Cuts harder materials**  
The flatter point takes a smaller chip. More torque is directed to a smaller area. This allows drilling into materials with hardness of over 30 on the Rockwell "C" scale.
- **Stops drill walking**  
The split point design gives accurate starting without the use of a center punch.
- **Holds tighter hole size**  
The split point design is self centering. This limits the normal oversize drilling characteristics.
- **Runs cooler, uses less torque**  
135° point takes a smaller chip resulting in less heat. Friction is reduced by amber gold surface treatment.
- **Stops chuck slippage**  
Flats on drill shanks allow easy positive chuck grip.

**Jobber Lengths**

**Wire Type 190-AG Super Premium 135° Split Point**



Part#	Size	Price	Part#	Size	Price	Part#	Size	Price	Part#	Size	Price
38940	1	\$2.53	39100	17	\$1.80	92310	31	\$1.35	88360	47	\$1.35
38950	2	\$2.53	39110	18	\$1.57	92300	32	\$1.35	88350	48	\$1.35
38960	3	\$2.34	39120	19	\$1.57	92290	33	\$1.35	88340	49	\$1.35
38970	4	\$2.34	39130	20	\$1.57	92280	34	\$1.35	88330	50	\$1.35
38980	5	\$2.34	39140	21	\$1.58	92270	35	\$1.35	88320	51	\$1.35
38990	6	\$2.34	39150	22	\$1.58	92260	36	\$1.35	88310	52	\$1.35
39000	7	\$2.07	39160	23	\$1.56	92250	37	\$1.35	88300	53	\$1.35
39010	8	\$2.07	39170	24	\$1.56	92240	38	\$1.35	88290	54	\$1.35
39020	9	\$2.07	39180	25	\$1.50	92230	39	\$1.35	88280	55	\$1.35
39030	10	\$2.02	39190	26	\$1.50	92220	40	\$1.35	88270	56	\$1.35
39040	11	\$1.86	39200	27	\$1.50	88420	41	\$1.35	88260	57	\$1.35
39050	12	\$1.86	39210	28	\$1.35	88410	42	\$1.35	88250	58	\$1.35
39060	13	\$1.80	39220	29	\$1.35	88400	43	\$1.35	88240	59	\$1.35
39070	14	\$1.80	39230	30	\$1.35	88390	44	\$1.35	88230	60	\$1.35
39080	15	\$1.80				88380	45	\$1.35			
39090	16	\$1.80				88370	46	\$1.35			



**MANUFACTURER DEFECT WARRANTY**  
White Horse Machine reserves the right, at its sole discretion, to honor the replacement of any or all items if manufacturer's defects develop under normal use within the warranty period.

**Type 175-AG Black & Gold Super Premium Bits**  
**135° Split Point**



- Recommended for use in work hardening grades of stainless steel & other hard metal drilling applications.
- 3-Flats on Shank 3/16" and Larger
- Body and clearance are gold surface treated for maximum lubricity.
- Especially designed for hand held drills.



**Mechanical Lengths - 3 Flats**

Part#	Size	Price Ea.	Part#	Package Price	Package Qty	Part#	Size	Price Ea.	Part#	Package Price	Package Qty
22860	1/16"	\$1.01	22860-PK	\$10.95	12	87060	9/32"	\$3.07	87060-PK	\$33.21	12
22870	5/64"	\$1.05	22870-PK	\$11.38	12	87070	19/64"	\$3.44	87070-PK	\$18.55	6
22880	3/32"	\$1.07	22880-PK	\$11.52	12	87080	5/16"	\$3.62	87080-PK	\$19.52	6
86950	7/64"	\$1.14	86950-PK	\$12.31	12	87090	21/64"	\$3.86	87090-PK	\$20.85	6
86960	1/8"	\$1.36	86960-PK	\$14.67	12	87100	11/32"	\$4.94	87100-PK	\$26.66	6
86970	9/64"	\$1.37	86970-PK	\$14.81	12	87110	23/64"	\$5.47	87110-PK	\$29.54	6
86980	5/32"	\$1.46	86980-PK	\$15.82	12	87120	3/8"	\$5.63	87120-PK	\$30.42	6
86990	11/64"	\$1.52	86990-PK	\$16.46	12	87130	25/64"	\$6.44	87130-PK	\$34.80	6
87000	3/16"	\$1.82	87000-PK	\$19.65	12	87140	13/32"	\$6.66	87140-PK	\$35.96	6
87010	13/64"	\$2.00	87010-PK	\$21.60	12	87150	27/64"	\$6.87	87150-PK	\$37.11	6
87020	7/32"	\$2.05	87020-PK	\$22.18	12	87160	7/16"	\$7.11	87160-PK	\$38.40	6
87030	15/64"	\$2.21	87030-PK	\$23.87	12	87170	29/64"	\$7.99	87170-PK	\$43.14	6
87040	1/4"	\$2.49	87040-PK	\$26.85	12	87180	15/32"	\$8.49	87180-PK	\$45.86	6
87050	17/64"	\$2.89	87050-PK	\$31.26	12	87190	31/64"	\$9.02	87190-PK	\$48.70	6
						87200	1/2"	\$9.16	87200-PK	\$49.46	6

**SPM-29 175 AG Set**  
**29 pc Mechanical Length Drill Set**



Part#	Sizes	Price
66480	1/16" - 1/2" by 64th	\$110.00

**SPM-15 175 AG Set**  
**15 pc Mechanical Length Drill Set**



Part#	Sizes	Price
66470	1/16 - 1/2" by 32nd	\$61.00

**SPM-29P 175 AG Set**  
**29 pc Black Ultra Dex**



Part#	Description of Sizes	Price
66820	1/16 - 1/2" by 64th - with Ultra Dex	\$112.00

**SPM-13 175 AG Set**  
**13 pc Mechanical Length Drill Set**



Part#	Description of Sizes	Price
66460	1/16 - 1/4" by 64th	\$22.22



**MANUFACTURER DEFECT WARRANTY**  
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## Jobber Lengths

### Jobber Lengths 135° Split Point

SAE



Part#	Size	Price Ea.	Part#	Package Price	Package Qty	Part#	Size	Price Ea.	Part#	Package Price	Package Qty
05580	1/16"	\$1.01	05580-PK	\$10.95	12	05730	19/64"	\$3.15	05730-PK	\$16.99	6
05590	5/64"	\$1.05	05590-PK	\$11.38	12	05740	5/16"	\$3.33	05740-PK	\$18.00	6
05600	3/32"	\$1.07	05600-PK	\$11.52	12	05750	21/64"	\$3.56	05750-PK	\$19.23	6
05610	7/64"	\$1.14	05610-PK	\$12.31	12	05760	11/32"	\$4.20	05760-PK	\$22.70	6
05620	1/8"	\$1.30	05620-PK	\$14.03	12	05770	23/64"	\$4.48	05770-PK	\$24.19	6
05630	9/64"	\$1.37	05630-PK	\$14.81	12	05780	3/8"	\$4.87	05780-PK	\$26.30	6
05640	5/32"	\$1.46	05640-PK	\$15.82	12	05790	25/64"	\$5.33	05790-PK	\$28.76	6
05650	11/64"	\$1.52	05650-PK	\$16.46	12	05800	13/32"	\$5.62	05800-PK	\$30.35	6
05660	3/16"	\$1.66	05660-PK	\$17.90	12	05810	27/64"	\$5.88	05810-PK	\$31.75	6
05670	13/64"	\$1.81	05670-PK	\$19.59	12	05820	7/16"	\$6.61	05820-PK	\$35.67	6
05680	7/32"	\$1.86	05680-PK	\$20.11	12	05830	29/64"	\$6.80	05830-PK	\$36.74	6
05690	15/64"	\$2.00	05690-PK	\$21.60	12	05840	15/32"	\$7.23	05840-PK	\$39.04	6
05700	1/4"	\$2.18	05700-PK	\$23.54	12	05850	31/64"	\$7.44	05850-PK	\$40.16	6
05710	17/64"	\$2.61	05710-PK	\$28.15	12	05860	1/2"	\$7.64	05860-PK	\$41.24	6
05720	9/32"	\$2.79	05720-PK	\$30.09	12						

### SP-60 60 Pc Set HD Super Premium Jobber Length Drill Bit Set



Part#	Description of Sizes	Price
88640	Wire Sizes 1 thru 60	\$80.00

### SP-29P 29 Pc Ultra Dex Black & Gold Super Premium 135° Split Point Drill Bit Set



Part#	Description of Sizes	Price
44170	1/16 - 1/2 by 64th	\$101.00

### SP-115 115 Pc Set Black & Gold Super Premium 135° Split Point Drill Bit Set



Part#	Description of Sizes	Price
93840	1/16" - 1/2" x 64 ths + A-Z & 1-60	\$279.00



**MANUFACTURER DEFECT WARRANTY**  
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## Vortex-Point Drill Bits

### Type 175-VT

SAE



- Unique tip geometry reduces heat generation & cutting tool wear increasing tool life.
- Easily enlarges existing holes without damaging the point.
- Split-point design gives accurate starting and its self-centering eliminating the need for the use of a center punch

### Mechanical Lengths - 3 Flat on Shank

Part#	Size	Price Ea.	Part#	Package Price	Package Qty	Part#	Size	Price Ea.	Part#	Package Price	Package Qty
22573	1/16	\$1.01	22573-PK	\$5.47	6	22713	9/32	\$5.44	22713-PK	\$29.38	6
22583	5/64	\$1.05	22583-PK	\$5.69	6	22723	19/64	\$5.80	22723-PK	\$15.65	6
22593	3/32	\$1.07	22593-PK	\$5.76	6	22733	5/16	\$5.98	22733-PK	\$16.13	6
22603	7/64	\$3.23	22603-PK	\$17.45	6	22743	21/64	\$6.23	22743-PK	\$16.81	6
22613	1/8	\$3.44	22613-PK	\$18.55	6	22753	11/32	\$6.80	22753-PK	\$18.36	6
22623	9/64	\$3.45	22623-PK	\$18.65	6	22763	23/64	\$7.30	22763-PK	\$19.70	6
22633	5/32	\$3.53	22633-PK	\$19.04	6	22773	3/8	\$7.54	22773-PK	\$20.36	3
22643	11/64	\$3.59	22643-PK	\$19.39	6	22783	25/64	\$8.29	22783-PK	\$22.39	3
22653	3/16	\$4.02	22653-PK	\$21.69	6	22793	13/32	\$8.49	22793-PK	\$22.93	3
22663	13/64	\$4.20	22663-PK	\$22.70	6	22803	27/64	\$9.16	22803-PK	\$24.73	3
22673	7/32	\$4.27	22673-PK	\$23.06	6	22813	7/16	\$9.45	22813-PK	\$25.51	3
22683	15/64	\$4.41	22683-PK	\$23.84	6	22823	29/64	\$10.33	22823-PK	\$27.90	3
22693	1/4	\$4.70	22693-PK	\$25.36	6	22833	15/32	\$10.83	22833-PK	\$29.24	3
22703	17/64	\$5.26	22703-PK	\$28.41	6	22843	31/64	\$11.36	22843-PK	\$30.66	3
						22853	1/2	\$11.55	22853-PK	\$31.19	3



### VT-29P 29-Pc Set

Part#	Description of Sizes	Price
22903	1/16" - 1/2" by 64th	\$154.00



### VT-15 15-Pc Set

Part#	Description of Sizes	Price
22873	1/16" - 1/2" by 32nd	\$83.00



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## Type 130-AG 1/2" SHANK SILVER & DEMING Premium Bits

### S & D Bit - 1/2" Shank

- Magnum Super Premium, 3-Flats on Shank
- One piece solid construction
- 135° Split point = fast penetration & accurate starting w/out a center punch.
- Sizes larger than 1" diameter have 118° Split point.
- For use in work hardening grades of stainless steel & other hard metal drilling applications.

SAE



Part#	Size	Price
29550	33/64"	\$17.98
29560	17/32"	\$17.12
29570	35/64"	\$18.75
29580	9/16"	\$17.67
29590	37/64"	\$20.53
29600	19/32"	\$19.54
29610	39/64"	\$20.70
29620	5/8"	\$19.70
29630	41/64"	\$22.27
29640	21/32"	\$21.22
29650	43/64"	\$23.15
29660	11/16"	\$22.04
29670	45/64"	\$24.35
29680	23/32"	\$23.17
29690	47/64"	\$25.21
29700	3/4"	\$24.01
29710	49/64"	\$26.27
29720	25/32"	\$26.00
29730	51/64"	\$26.75
29740	13/16"	\$25.48
29750	53/64"	\$28.28
29760	27/32"	\$26.94

Part#	Size	Price
29770	55/64"	\$28.92
29780	7/8"	\$27.55
29790	57/64"	\$30.69
29800	29/32"	\$29.23
29810	59/64"	\$32.30
29820	15/16"	\$30.77
29830	61/64"	\$34.83
29840	31/32"	\$33.17
29850	63/64"	\$37.62
29860	1"	\$35.83
29870	1-1/32"	\$51.00
29880	1-1/16"	\$47.08
29900	1-1/8"	\$52.00
29920	1-3/16"	\$55.00
29940	1-1/4"	\$60.00
29960	1-3/8"	\$86.00
29980	1-1/2"	\$98.00
62730	7-1/2" Extension	\$31.93



### S & D-4SP 4-Pc Set

Part#	Description of Sizes	Price
12250	9/16", 5/8", 3/4" & 1"	\$104.00



### S & D-8SP 8-Pc Set

Part#	Description of Sizes	Price
92400	9/16" though 1" by 1/16"	\$224.00



**MANUFACTURER DEFECT WARRANTY**  
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## Jobber Length Drill Bits

### NAS 907B - METRIC Type 170-AG

- 135° split point provides fast penetration & accurate starting without a center punch.
- Withstands substantially higher drilling temperatures while maintaining sharpness.



Recommended for use in work hardening grades of stainless steel and other hard metal drilling applications.

MM

Part#	Diameter	Price	Part#	Diameter	Price	Part#	Diameter	Price	Part#	Diameter	Price
48820	1 mm	\$1.28	49320	4.5 mm	\$1.56	49620	7.5 mm	\$3.16	49890	10.5 mm	\$6.54
48920	1.5 mm	\$1.28	49370	5.0 mm	\$1.77	49670	8 mm	\$3.63	49910	11 mm	\$6.93
49020	2.0 mm	\$1.13	49420	5.5 mm	\$1.89	49720	8.5 mm	\$4.11	49930	11.5 mm	\$6.98
49120	2.5 mm	\$1.21	49470	6 mm	\$2.11	49770	9 mm	\$4.67	49950	12.0 mm	\$7.32
49170	3.0 mm	\$1.13	49520	6.5 mm	\$2.50	49820	9.5 mm	\$4.94	49970	12.5 mm	\$7.76
49220	3.5 mm	\$1.34	49570	7 mm	\$2.72	49870	10 mm	\$5.65	49980	13 mm	\$8.89
49270	4.0 mm	\$1.40									

## Metric -1/2" Reduced Shank Silver & Deming

### Type 130-AGM - Metric

- Special Hi-Molybdenum tool steel.
- One-piece solid construction
- Body and clearance are gold surface treated for maximum lubricity.
- Recommended for use in work hardening grades of stainless steel and other hard metal drilling applications.



MM

Part#	Diameter	Price	Part#	Diameter	Price	Part#	Diameter	Price	Part#	Diameter	Price
25500	14mm	\$17.86	25510	17mm	\$22.04	25521	20.5mm	\$25.76	25531	23.5mm	\$30.38
25501	14.5mm	\$18.71	25511	17.5mm	\$22.62	25522	21mm	\$26.32	25532	24mm	\$32.24
25502	15mm	\$19.56	25512	18mm	\$23.18	25523	21.5mm	\$26.82	25549	24.5mm	\$33.90
25541	15.5mm	\$20.38	25514	19mm	\$24.01	25524	22mm	\$27.30	25534	25mm	\$35.56
25504	16mm	\$21.21	25544	19.5mm	\$25.11	25529	22.5mm	\$27.92			
25542	16.5mm	\$21.62	25520	20mm	\$25.21	25530	23mm	\$28.52			

## Deephole Carbide Tipped Holecutters Cuts up to 1" Depth

### Type CHD-AG

- Produces overlapping and interrupted holes easily
- Cuts 3 times faster than bi-metal hole saws

SAE



Part#	Diameter	Shank Diameter	Price	Part#	Diameter	Shank Diameter	Price	Part#	Description	Price
64100	1-1/4"	3/8"	\$45.13	64290	2-3/8"	3/8"	\$86.00	62530	Spring	\$0.29
64120	1-3/8"	3/8"	\$45.13	64340	2-1/2"	3/8"	\$86.00	62490	Screw	\$0.46
64140	1-1/2"	3/8"	\$47.86	64360	2-5/8"	3/8"	\$92.00	64231	Pilot	\$6.37
64160	1-5/8"	3/8"	\$53.00	64380	2-3/4"	3/8"	\$92.00			
64180	1-3/4"	3/8"	\$53.00	64400	2-7/8"	3/8"	\$92.00			
64200	1-7/8"	3/8"	\$53.00	64420	3"	3/8"	\$106.00			
64220	2"	3/8"	\$63.00	64440	3-1/2"	3/8"	\$110.00			
64250	2-1/8"	3/8"	\$83.00	64460	4"	3/8"	\$131.00			
64270	2-1/4"	3/8"	\$86.00	64480	4-1/2"	3/8"	\$138.00			







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## Jobber Lengths

### Letter - HSS Heavy-Duty NAS 907B Jobber Bits

Part#	Size	Price	Part#	Size	Price	Part#	Size	Price	Part#	Size	Price
39460	A	\$2.73	39530	H	\$3.26	39600	O	\$4.07	39670	V	\$6.07
39470	B	\$2.73	39540	I	\$3.26	39610	P	\$4.57	39680	W	\$6.34
39480	C	\$2.73	39550	J	\$3.44	39620	Q	\$4.68	39690	X	\$7.04
39490	D	\$2.65	39560	K	\$3.84	39630	R	\$4.89	39700	Y	\$8.26
39500	E	\$2.18	39570	L	\$3.72	39640	S	\$5.29	39710	Z	\$8.44
39510	F	\$2.94	39580	M	\$4.07	39650	T	\$5.94			
39520	G	\$3.18	39590	N	\$4.07	39660	U	\$5.94			

### Fractional - Extra Length

- Gyroidal Torsion flute and wide land construction yield exceptional performance in deep hole drilling applications.
- Recommended for work hardening grades of stainless steel and other hard metal drilling operations.
- Will drill 12 or more diameters deep without drill removal to clear chips. Feed rates may be twice that of standard drills.



Part#	Size	Price	Part#	Size	Price	Part#	Size	Price
39240	1/8" x 6"	\$7.00	40780	1/8" x 9"	\$11.41	43050	1/8" x 12"	\$13.68
39300	3/16" x 6"	\$7.14	40800	3/16" x 9"	\$12.45	43070	3/16" x 12"	\$14.89
39360	1/4" x 6"	\$7.99	40820	1/4" x 9"	\$13.77	43090	1/4" x 12"	\$20.35
39390	5/16" x 6"	\$8.31	40840	5/16" x 9"	\$15.21	43110	5/16" x 12"	\$21.90
39410	3/8" x 6"	\$11.11	40860	3/8" x 9"	\$17.19	43130	3/8" x 12"	\$24.19
39440	1/2" x 6"	\$12.99	40880	1/2" x 9"	\$25.75	43150	1/2" x 12"	\$35.78

### Type QR-AG Magnum 1/4" Quick Release Bits 135° Split Point/Hex Shank

- A mechanic length with a quick release shank
- Special Hi-Molybdenum tool steel.
- 135° split point for fast penetration and accurate starting without center punch.
- Body and clearance are gold treated for maximum lubricity.
- Specially designed for hand held drill and impact tools.
- Recommended use in work hardening grades of stainless steel and other hard metal drill applications.



### Type QR-AG 1/4" Quick Release Drill Bits

- 135° Split point - Magnum Super Premium with 1/4" Hex Shanks
- Perfect for use with impactor tools



Part#	Description of Sizes	Price
34811	1/16, 3/32, 1/8, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8, 7/16, 1/2" & Quick Release Adapter	\$71.00

Part#	Size	Price	Part#	Size	Price
34507	1/16"	\$7.07	34677	5/16"	\$5.49
34527	3/32"	\$7.07	34697	11/32"	\$5.86
34547	1/8"	\$6.51	34717	3/8"	\$6.34
34567	5/32"	\$7.22	34737	13/32"	\$6.80
34587	3/16"	\$7.29	34757	7/16"	\$7.97
34617	7/32"	\$5.15	34777	15/32"	\$8.45
34637	1/4"	\$5.52	34797	1/2"	\$9.42
34657	9/32"	\$5.34	34807	Adapter	\$10.89



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## Type 190-AL Jobber Bits



### Type 190-AL Left Hand Heavy Duty Jobber Bits

- Magnum Super Premium
- Special Hi-Molybdenum tool steel.
- 135° split point for fast penetration and accurate starting without center punch.
- Precision ground point, flutes, body, clearance and drill diameter for the ultimate in accuracy and performance.
- Body and clearance are gold surface treated for maximum lubricity.
- Ideal for removing broken studs.

Part#	Size	Price	Part#	Size	Price
92430	1/16"	\$3.99	92460	1/4"	\$7.18
89290	3/32"	\$3.99	92453	9/32"	\$9.13
92440	1/8"	\$3.99	92470	5/16"	\$10.90
23170	5/32"	\$4.64	92480	3/8"	\$16.30
92450	3/16"	\$5.58	92490	7/16"	\$21.35
92444	7/32"	\$6.68	92500	1/2"	\$26.10



### LF-12 12-Pc Type 190-AL Left Hand Drill Set

Part#	Description of Sizes	Price
87651	1/16 - 5/16 by 32nds, 3/8, 7/16 & 1/2	\$121.00



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## Annular Cutters

### SB-5 SPIRA-BROACH Cutter

9/16", 11/16", 13/16", 15/16", 1-1/16"

Part#	Cut Depth	Type	Metal	Price
16901	1"	14	M42	\$202.00
16902	2"	14L	M42	\$292.00



### M35 Cobalt Type 14, 1" Cut Depth

Part#	Size	Price
16641	1/2"	\$27.74
16651	9/16"	\$29.18
16661	5/8"	\$31.89
16671	11/16"	\$33.42
16681	3/4"	\$36.32
16691	13/16"	\$37.75
16701	7/8"	\$40.48

### M35 Cobalt Type 14, 2" Cut Depth

Part#	Size	Price
16642	1/2"	\$39.71
16652	9/16"	\$43.01
16662	5/8"	\$46.42
16672	11/16"	\$52.00
16682	3/4"	\$54.00
16692	13/16"	\$58.00
16702	7/8"	\$60.00

### Pilot Pin

Part#	Size	Cut Depth	Price
00902	1/4"	1"	\$4.96
00903	1/4"	2"	\$5.84



## Bolt Extractors

### Type 420 Hi-Carbon Spiral Style Extractors

- Remove broken screws, bolts, threaded parts, and pipes.
- Broken piece is extracted with out damage to threads.

*To remove the broken threaded part: Drill a hole in the end of the broken part (left hand spiral heavy duty drills are recommended for this drilling operation), insert extractor, then turn counterclockwise using a wrench on the exposed end of the extractor.*

Part#	Size	Price
57100	EX 1	\$1.60
57110	EX 2	\$1.71
57120	EX 3	\$1.90
57130	EX 4	\$2.09
57140	EX 5	\$2.76
57150	EX 6	\$5.85
57160	EX 7	\$9.34
57170	EX 8	\$14.36

### BR-10 10-Pc Type 420 Bolt Extractor Set - Left Hand Drill

- Fast and easy stud removal
- Left-hand spiral drills often eliminate the need for use of extractor.
- Drill loosens bolt stud with counter clockwise rotation.
- 135° split point for fast penetration and accurate starting without center punch.
- Most broken studs are work hardened during the breaking process.

Part#	Description of Sizes	Price
58510	EX 1, 2, 3, 4 & 5 + 3/32, 1/8, 3/16, 1/4, 5/16	\$46.74



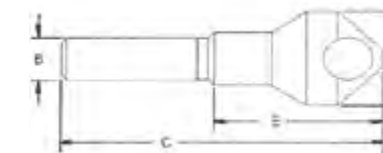
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## Pilotless Countersink Drills

### Type 82-AG Chatter Proof™ Countersinks

- Special Hi-Molybdenum tool steel, gold surface treated for maximum lubricity.
- Free cutting - for ease of use.
- Designed for fast stock removal.
- Chatter proof - for a micro smooth finish.
- Available in a wide selection of styles.
- Recommended for smooth finishes on metal, plastic and wood applications.

Part#	Size	Diameter of Cut Min	Diameter of Cut Max	Shank Diameter	Overall Length (C)	(D)	(E)	Price
67120	SC3/16	3/16"	17/32"	1/4"	1-3/4"	1/8"	1"	\$12.09
67130	CS307	5/16"	25/32"	1/2"	2-5/8"	13/16"	1-3/8"	\$20.18
67140	CS307A	5/16"	25/32"	1/4"	2-1/16"	13/16"	1-1/4"	\$20.18
67150	CS431	7/16"	7/8"	1/2"	2-13/16"	1-1/8"	1-9/16"	\$33.03
67160	CS1/2B	1/2"	1-15/32"	1/2"	3-1/2"	1-1/2"	2-1/8"	\$75.00



## 6-Flute 82° Chatter-less HSS Countersink

### Type 83-AG HSS 82° Countersink

Part#	Size	Drill Diameter	Shank Size	Price
67700	1/4"	6-Flute	1/4"	\$6.92
67710	5/16"	6-Flute	1/4"	\$7.48
67720	3/8"	6-Flute	1/4"	\$8.91
67730	1/2"	6-Flute	3/8"	\$10.82
67740	5/8"	6-Flute	3/8"	\$15.45
67750	3/4"	6-Flute	1/2"	\$20.45
67760	7/8"	6-Flute	1/2"	\$25.99
67770	1"	6-Flute	1/2"	\$31.34
67780	1-1/4"	6-Flute	1/2"	\$47.12
67790	1-1/2"	6-Flute	3/4"	\$64.00



### 4-Pc HSS 82° Countersink Set

Part#	Size	Drill Diameter	Shank Size	Price
67800	1/4", 5/16", 3/8", 1/2"	6-Flute	1/4", 3/8"	\$33.73



## Cutting Tool Lubricant

- Super concentrated no-run formula
- Clings to vertical surfaces for continual lubrication
- Virtually smoke-free in even the most heat prone applications
- Contains no ozone-depleting substances

**This fluid will extend tool life and yield a super machined finish**

### Type 11-AG Ultra S/P™ Super Premium High Viscosity

Part#	Size	Price
96050	4 oz.	\$2.97
96070	16 oz.	\$8.51





**MANUFACTURER DEFECT WARRANTY**  
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## Hex Nut Reamers

### Type 53-AG - Car Length

- For aligning and enlarging holes in structural steel applications.
- Black & Gold Finish HSS-Spiral Flute
- Gold treated for maximum lubricity.

Part#	Diameter Inches	Hex Shank Inches	Flute Length	Overall Length	Price
35630	13/16"	1-1/4"	5"	7"	\$75.00

### Type 52-AG Bridge Length

- For aligning and enlarging holes in structural steel applications.
- Gold treated for maximum lubricity.

Part#	Diameter Inches	Hex Shank Inches	Flute Length	Overall Length	Price
20530	13/16"	1-1/4"	7-3/8"	9-3/8"	\$87.00



## Regular Car Reamers

### Type 51-AG - Fast Spiral Hole Buster™

- Super Premium 3-Flats on Shank
- Special Hi-Tungsten tool steel, gold surface treated body and clearance for maximum lubricity.
- The 51-AG, with the fast spiral, is the more aggressive of the two styles. It also will fit the needs of users who prefer a stop collar.
- These reamers are designed for reaming of hardened steel commonly found in truck frames, rail cars, bridges, & pressure vessels

Part#	Diameter Inches	Overall Length	Shank Diameter	Point Diameter	Min. Starting Hole Size	Price
06391	3/8"	4-5/8"	3/8"	0.250"	5/16"	\$36.22
06501	7/16"	5-7/8"	7/16"	0.250"	3/8"	\$44.76
06401	1/2"	5-7/8"	1/2"	0.281"	3/8"	\$43.16
06411	9/16"	5-7/8"	1/2"	0.343"	7/16"	\$46.09
06421	5/8"	6-3/8"	1/2"	0.343"	7/16"	\$49.96
06431	11/16"	6-3/8"	1/2"	0.375"	15/32"	\$56.00
06441	3/4"	6-7/8"	1/2"	0.406"	1/2"	\$67.00
06461	7/8"	6-7/8"	1/2"	0.500"	19/32"	\$75.00
06481	1"	6-7/8"	1/2"	0.594"	7/8"	\$89.00



### CR-4FS Type 51-AG Fast Spiral Hole Buster™ Reamer Set

Part#	Description of Sizes	Price
12271	3/8", 1/2", 5/8", 3/4"	\$199.00



## Drill Stands

- These drill stands can be hung on a wall, used on a bench, or mounted on a press.

Part#	Dimensions	Price
01012	5-5/8" W x 2-5/8" D x 1-1/2" H - Fractional drills 1/16" to 1/2" by 64th inclusive	\$10.79



## Screw Pitch Gauges

- Made with flat thread forms on top of each blade
- Gives screw pitches on V-threads, U.S. and Metric gauge available

### Type 730

Part#	For Tap Sizes	Price
50417	SAE 12 - 40 U.S.	\$5.58
50427	METRIC 0.5 - 1.75 MM, #27 and #28	\$5.58



**MANUFACTURER DEFECT WARRANTY**  
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## Premium Carbide Burrs Sets

### Premium Carbide Double Cut Burr Set

Part#	Description of Sizes	Price
19649	Includes 9 Sizes: SA-1, SA-3, SA-5, SC-1, SC-3, SC-5, SF-1, SF-3, SF-5	\$127.00



## Premium Carbide Burrs

### 1/4" Shank

### SA - Clinder Shape - No End Cut - Double Cut

Part#	Size	Cut Diameter	Length of Cut	Shank Diameter	Price
17169	SA-1	1/4"	5/8"	1/4"	\$9.39
17219	SA-3	3/8"	3/4"	1/4"	\$12.29
17279	SA-5	1/2"	1"	1/4"	\$18.27



### SC - Clinder Shape - Radius End - Double Cut

Part#	Size	Cut Diameter	Length of Cut	Shank Diameter	Price
17749	SC-1	1/4"	5/8"	1/4"	\$10.46
17799	SC-3	3/8"	3/4"	1/4"	\$13.36
17859	SC-5	1/2"	1"	1/4"	\$20.57



### SC - Cylinder Shape Radius - 6" Extended Shank Length

Part#	Size	Cut Diameter	Length of Cut	Shank Diameter	Price
17819	SC-3L6	3/8"	1"	1/4"	\$20.02

### SD - Ball Shape

Part#	Size	Cut Diameter	Length of Cut	Shank Diameter	Price
18049	SD-1	1/4"	1/4"	1/4"	\$9.90
18089	SD-3	3/8"	3/8"	1/4"	\$12.08
18129	SD-5	1/2"	1/2"	1/4"	\$14.85



### SD - Ball Shape - 6" Extended Shank Length

Part#	Size	Cut Diameter	Length of Cut	Shank Diameter	Price
18139	SD-5L6	1/2"	7/16"	1/4"	\$23.88





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## 1/4" Shank

### SE - Oval/Egg Shape

Part#	Size	Cut Diameter	Length of Cut	Shank Diameter	Price
18279	SE-1	1/4"	1/4"	1/4"	\$12.28
18299	SE-3	3/8"	3/8"	1/4"	\$14.38
18329	SE-5	1/2"	7/8"	1/4"	\$20.28



### SF - Tree Shape Radius

Part#	Size	Cut Diameter	Length of Cut	Shank Diameter	Price
18479	SF-1	1/4"	5/8"	1/4"	\$10.96
18509	SF-3	3/8"	3/4"	1/4"	\$13.39
18559	SF-5	1/2"	1"	1/4"	\$18.89



### SG - Pointed Tree Shape

Part#	Size	Cut Diameter	Length of Cut	Shank Diameter	Price
18739	SG-1	1/4"	5/8"	1/4"	\$11.22
18769	SG-3	3/8"	3/4"	1/4"	\$13.56
18799	SG-5	1/2"	1"	1/4"	\$18.84



### SG - Pointed Tree Shape - 6" Extended Shank Length

18779	SG-3L6	3/8"	3/4"	1/4"	\$20.35
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### SL - Taper Shape Radius 14° Included Angle

19189	SL-1	1/4"	5/8"	1/4"	\$11.10
19219	SL-3	3/8"	1-1/16"	1/4"	\$16.16
19249	SL-4	1/2"	1-1/8"	1/4"	\$20.95



### SM - Pointed Cone Shape (Double Cut)

Part#	Size	Cut Diameter	Length of Cut	Shank Dia.	Included Angle	Price
19429	SM-3	1/4"	1"	1/4"	10°	\$12.48
19439	SM-4	3/8"	5/8"	1/4"	28°	\$15.89
19449	SM-5	1/2"	7/8"	1/4"	31°	\$20.46



### SA - Cylinder Shape - No End Cut - ALUMINUM

Part#	Size	Cut Diameter	Length of Cut	Shank Diameter	Price
17199	SA-1NF	1/4"	5/8"	1/4"	\$13.13



### SC - Cylinder Shape - Radius End - ALUMINUM

17779	SC-1NF	1/4"	5/8"	1/4"	\$13.24
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## 1/8" Shank

Part#	Size	Cut Diameter	Length of Cut	Shank Diameter	Price
17159	SA-51	1/4"	1/2"	1/8"	\$9.58
18039	SD-51	1/4"	1/4"	1/8"	\$9.39
18469	SF-51	1/4"	1/2"	1/8"	\$9.39
18729	SG-51	1/4"	1/2"	1/8"	\$9.39

## Combination Drill & Tap Type 40-AG



SAE

- Hi-Molybdenum tool steel ensures longer tool life.
- Combination drill and taps are ideally suited for on-site tapping in construction, maintenance and repair, assembly, production environments.
- The self-centering split point provides excellent drilling precision and accuracy.

Part#	Size	Max Material Thickness	Thread Length	Price	Part#	Size	Max Material Thickness	Thread Length	Price
73850	10 - 24	0.606	0.996	\$9.60	73930	3/8 - 16	1.031	0.746	\$15.69
73860	10 - 32	0.608	0.996	\$9.60	73940	3/8 - 24	1.036	0.746	\$16.32
73890	1/4 - 20	0.746	0.626	\$9.95	73950	7/16 - 14	1.172	0.882	\$19.41
73900	1/4 - 28	0.750	0.626	\$10.45	73960	7/16-20	1.178	0.880	\$19.99
73910	5/16 - 18	0.889	0.683	\$13.47	73970	1/2 - 13	1.378	0.940	\$21.91
73920	5/16 - 24	0.893	0.693	\$13.63	73980	1/2 - 20	1.384	0.940	\$22.21

Pitch Diameter and Thread Tolerances are designed to produce a Class 2B fit.

## Drill & Tap Sets

- Hi-Molybdenum super premium twist drill combined with the corresponding Hi-Tungsten Magnum Super Premium tap.
- Both tools are gold surface treated for maximum lubricity, and precision ground for the ultimate in accuracy and performance.

### SP-18TD 18-Pc, Magnum Super Premium - Spiral Point, NC

SAE

Part#	Description of Sizes	Price
57580	190-AG Drill Sizes: #36, 29, 25, 21, 7, F, 5/16, U & 27/64 20-AG Tap Sizes: 6-32, 8-32, 10-24, 10-32, 1/4-20 7 5/16-18, 3/8-16, 7/16-14 & 1/2-13	\$99.00



### SP-18TDM 18-Pc, Magnum Super Premium - Spiral Point, Metric

MM

Part#	Description of Sizes	Price
57990	170-AG Drill Sizes (MM): 2.05, 2.50, 2.90, 3.30, 4.20, 5.00, 6.70, 8.50 & 10.20 21-AG Tap Sizes (MM): 2.5-.45, 3.0-.50, 3.5-.60, 4.0-.70, 5.0-.80, 6.0-1.00, 8.0-1.25, 10.0-1.50 & 12.0-1.75	\$116.00



Drill & Taps

NORSEMAN  
DRILL & TOOL  
America's Finest High-Speed Steel Cutting Tools

Carbide Burrs

NORSEMAN  
DRILL & TOOL  
America's Finest High-Speed Steel Cutting Tools



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## Tap & Reamer Wrenches Type 725

- Hardened steel jaws. Adjusts easily by turning handles.

Part#	For Tap Sizes	Price
50350	1/4" - 3/4"	\$19.44
50360	1/2" - 1-1/8"	\$52.00



## T-Handle Tap Wrenches Type 727

- Sliding T-handle with spring tension to hold taps in place, self equalizing jaws
- No. 50320 has removeable handle and 3/8" female square driver for extension, ratchet and power driver

Part#	For Tap Sizes	Price
50320	3/16" - 1/2"	\$10.22



## Ratcheting T-Handle Tap Wrenches

- Three position gear box for quick efficient ratcheting action
- Designed for use with taps, reamers, screw extractors and other tools with a square shank
- Chrome plated for long life and rust resistance

Part#	For Tap Sizes	Price
50190	0 - 1/4" (3mm - 6mm)	\$8.62



## Titanium Nitride HSS Straight Flute Plug Taps Type 24-AG - Super Premium

SAE

Part#	Size	Price	Part#	Size	Price	Part#	Size	Price	Part#	Size	Price
60701	4-40	\$6.98	60841	1/4-28	\$6.73	60901	7/16-20	\$13.40	60981	5/8-18	\$21.13
60771	8-32	\$5.62	60851	5/16-18	\$7.19	60911	1/2-13	\$13.31	60991	3/4-10	\$26.90
60791	10-24	\$6.08	60861	5/16-24	\$7.19	60921	1/2-20	\$13.31	61401	3/4-16	\$26.90
60801	10-32	\$6.08	60871	3/8-16	\$7.91	60951	9/16-12	\$18.77			
60811	12-24	\$6.72	60881	3/8-24	\$7.91	60961	9/16-18	\$18.77			
60831	1/4-20	\$6.73	60891	7/16-14	\$13.40	60971	5/8-11	\$21.13			

SAE



Type 36-AGN

## Titanium Nitride Spiral Flute Semi-Bottoming Taps - 30 Degree Spiral

Part#	Size	Description	Price	Part#	Size	Description	Price	Part#	Size	Description	Price
49823	4-40	TIN H2 2F	\$13.45	49953	1/4-28	TIN H3 3F	\$12.91	50023	1/2-13	TIN H3 3F	\$27.74
49863	6-32	TIN H3 2F	\$11.94	49963	5/16-18	TIN H3 3F	\$14.95	50033	1/2-20	TIN H3 3F	\$27.74
49883	8-32	TIN H3 3F	\$12.17	49973	5/16-24	TIN H3 3F	\$14.95	50043	9/16-12	TIN H3 4F	\$46.26
49903	10-24	TIN H3 3F	\$12.55	49983	3/8-16	TIN H3 3F	\$15.95	50053	9/16-18	TIN H3 4F	\$46.26
49913	10-32	TIN H3 3F	\$12.55	49993	3/8-24	TIN H3 3F	\$16.70	50063	5/8-11	TIN H3 4F	\$48.64
49923	12-24	TIN H3 3F	\$13.89	50003	7/16-14	TIN H3 3F	\$25.24	50073	5/8-18	TIN H3 4F	\$48.64
49943	1/4-20	TIN H3 3F	\$12.91	50013	7/16-20	TIN H3 3F	\$25.24	50083	3/4-10	TIN H3 4F	\$69.00
								50093	3/4-16	TIN H3 4F	\$69.00



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## Die Wrenches Type 729

- 3-jaw self centering adjustable guides to assure straight threads and easy starting

Part#	Across Flats	Price
50390	1-1/2" Round, 1-7/16" Hex	\$19.78
50387	1" Round or Hex	\$13.20



## Hi-Carbon Steel Hex Dies

- These dies are made of high quality carbon tool steel and meet the highest industry standards.
- A complete selection of solid round, adjustable round, and solid hex dies for right hand threads is available.
- Select sizes of dies may be imported



SAE

## Type 405 - Machine Screw & Fractional

Part#	Size	Across Flats	Price	Part#	Size	Across Flats	Price	Part#	Size	Across Flats	Price
86000	4 X 40	1"	\$2.82	86150	5/16 X 24	1"	\$2.82	86240	5/8 X 11	1-7/16"	\$6.80
86030	6 X 32	1"	\$2.82	86160	3/8 X 16	1"	\$2.82	86250	5/8 X 18	1-7/16"	\$6.80
86040	8 X 32	1"	\$2.82	86170	3/8 X 24	1"	\$2.82	86260	11/16 x 11	1-7/16"	\$6.80
86050	10 X 24	1"	\$2.82	86180	7/16 X 14	1"	\$2.82	86270	11/16 x 16	1-7/16"	\$6.80
86060	10 X 32	1"	\$2.82	86190	7/16 X 20	1"	\$2.82	86280	3/4 X 10	1-7/16"	\$6.80
86070	12 X 24	1"	\$2.82	86200	1/2 X 13	1"	\$2.82	86290	3/4 X 16	1-7/16"	\$6.80
86120	1/4 X 20	1"	\$2.82	86210	1/2 X 20	1"	\$2.82	86300	7/8 X 9	1-5/8"	\$13.24
86130	1/4 X 28	1"	\$2.82	86220	9/16 X 12	1-7/16"	\$6.80	86310	7/8 X 14	1-5/8"	\$13.24
86140	5/16 X 18	1"	\$2.82	86230	9/16 X 18	1-7/16"	\$6.80	86320	1 X 8	1-13/16"	\$14.81
								86340	1 X 14	1-13/16"	\$14.81

## Pipe Dies

SAE

Part#	Size	Across Flats	Price	Part#	Size	Across Flats	Price
86350	1/8 X 27	1"	\$2.82	86390	1/2-14	1-5/8"	\$6.71
86360	1/4 X 18	1"	\$2.82	86420	3/4-14	2"	\$9.39
86380	3/8-18	1-7/16"	\$5.60	86430	1-INCH	2-3/8"	\$13.40



MM

## Type 790 - Metric

Part#	Size	Across Flats	Price	Part#	Size	Across Flats	Price
84020	4 X 70	1"	\$2.43	84150	12 X 1.50	1"	\$2.61
84040	5 X 80	1"	\$2.43	84160	12 X 1.75	1"	\$2.61
84060	6 X 1.00	1"	\$2.43	84290	14 X 1.50	1-7/16"	\$6.92
84080	8 X 1.25	1"	\$2.61	84180	14 X 2.00	1-7/16"	\$6.92
84110	10 X 1.00	1"	\$2.61	84190	16 X 1.50	1-7/16"	\$6.92
84120	10 X 1.25	1"	\$2.61	84200	16 X 2.00	1-7/16"	\$6.92
84130	10 X 1.50	1"	\$2.61	84210	18 X 1.50	1-7/16"	\$6.92
84280	12 X 1.25	1"	\$2.61	84220	18 X 2.50	1-7/16"	\$6.92

Hex Dies

NORSEMAN DRILL & TOOL





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## Tap & Die Sets

### 58 Pc Magnum Super Premium Set - Straight Flute Plug Taps & Hex Dies

Part#	Description of Sizes	Price
61680	<b>Set Contains: Type 24-AG and 27-AG</b> <b>HSS straight flute taps &amp; HSS hex dies sizes:</b> 6-32, 8-32, 10-24, 10-32, 12-24, 1/4-20, 1/4-28, 5/16-18, 5-5/16-24, 3/8-16, 3/8-24, 7/16-14, 7/16-20, 1/2-13, 1/2-20, 9/16-12, 9/16-18, 5/8-11, 5/8-18, 3/4-10, 3/4-16, 1/8-27NPT & 1/4-18 NPT <b>Straight handle tap wrenches:</b> #4-1/2" & 1/4" - 3/4" <b>Die stocks:</b> MED R/H & 1" R/H <b>T-handle tap wrench:</b> 0 - 1/4" • <b>Screw pitch gauge</b> <b>Screw driver &amp; Spiral flute extractors sizes:</b> Ex thru Ex 5 • SF-58TDI	\$565.00



SAE

### 24 Pc Magnum Super Premium Set - Metric Spiral Point Taps & Hex Dies

Part#	Description of Sizes	Price
35170	<b>Set Contains: Type 21-AG and 27-AG</b> <b>HSS spiral point taps &amp; HSS hex dies sizes:</b> 3.0-0.50, 3.5-.60, 4.0-.70, 5.0-.80, 6.0-1.00, 8.0-1.25, 10.0-1.50 & 12.0-1.75 <b>HSS Pipe Tap and Hex Die Size:</b> 1/8-27 NPT <b>T-Handle Tap Wrenches:</b> 0-1/4" & 3/16"-1/2" <b>Straight Handle Tap Wrench:</b> #4 - 1/2" <b>Die Stock &amp; Screw Metric Pitch Gauge</b> • SP-23TDI	\$215.00



MM

## Super Premium Taps

MM

Part#	Diameter	Price	Part#	Diameter	Price	Part#	Diameter	Price	Part#	Diameter	Price
60510	3-.50	\$7.31	60560	6-1.00	\$7.73	60600	10-1.50	\$13.23	68702	16-1.50	\$28.13
60520	3.5-.60	\$7.31	68652	7-1.00	\$8.55	68682	12-1.25	\$16.55	60640	16-2.00	\$28.13
60530	4-.70	\$7.31	68662	8-1.00	\$9.02	60620	12-1.75	\$16.55	60650	18-2.50	\$40.70
68642	4.5-.75	\$7.31	60580	8-1.25	\$9.02	68692	14-1.50	\$24.89	68712	20-2.50	\$29.78
60550	5-.80	\$7.31	68672	10-1.25	\$13.23	60630	14-2.00	\$24.89			



## Hi-Carbon Taps Fractional Plug Tapered Pipe Taps

SAE



Type 410

Part#	Size	Tap Drill Size	Shank	Price	Part#	Size	Tap Drill Size	Shank	Price
56910	1/8" x 27	11/32"	5/16"	\$3.86	56940	1/2" x 14	23/32"	1/2"	\$12.32
56920	1/4" x 18	7/16"	7/16"	\$5.01	56950	3/4" x 14	59/64"	5/8"	\$13.14
56930	3/8" x 18	37/64"	1/2"	\$6.26	56960	1" x 11.5	1-5/32"	13/16"	\$22.31

**3M Science. Applied to Life.™**

### 3M™ Roloc™ Shank, 1/4" Shank, 1/4-20 External



- Enables user to attach a Roloc™ Disc Pad to a die grinder or disc sander
- Adapter builds versatility and flexibility into existing tools
- Shorter shaft keeps the abrasive closer to the tool for optimal control
- 1/4-20 external threads fit disc pads with 1/4-20 internal threads

Part#
45102

### 3M™ Roloc™ Disc Pad, 1/4-20 Internal



- Disc pad provides secure attachment for any 3M™ Roloc™ disc or bristle product
- Pads come in various diameters and levels of hardness to meet the requirements of many different grinding applications
- Disc attachment is quick and easy, increasing productivity
- Versatile system works with drills, disc Sanders, right angle grinders, and rotary Sanders

Part#	Diameter	Max RPM
45096	2"	25,000
45091	3"	20,000

### 3M™ Roloc™ Disc



- A blend of ceramic and aluminum oxide mineral self-sharpen and offers improved durability and cut-rate over aluminum oxide
- 3M™ Roloc™ attachment system enables efficient and secure attachment and removal of the disc
- Polyester backing is extremely tough to support medium-pressure applications while maintaining consistent performance in both wet and dry applications
- Grinding aid reduces grinding temperatures for processes involving heat-sensitive alloys such as stainless steel, nickel alloys, and titanium

Part#	Diameter	Grit	Max RPM
76433	2"	60	25,000
14661	3"	80	25,000
76633	2"	60	20,000
76634	3"	80	20,000

### 3M™ Cubitron™ II Cut-Off Wheel - T1



- Precision-shaped grain are engineered to cut faster than competitive ceramic products, offering significant productivity gains
- Triangular shaped ceramic grain wears evenly, runs cool, and optimizes mineral breakdown, for extra long life
- Rigid, reinforced resin-bonded wheel slices through almost all materials including stainless steel, mild steel, and aerospace alloys
- Wheel must have a maximum operating speed greater than or equal to the maximum speed of the power tool used

Part#	Diameter	Max RPM
66514	3" x .035" x 3/8"	25,465
66518	4" x .035" x 3/8"	19,100
66531	4.5" x .045" x 7/8"	13,300
66525	4.5" x .045" x 7/8"	13,300
66527	6" x .045" x 7/8"	10,200

### 3M™ Cubitron™ II Depressed Center Grinding Wheel - T27



- 3M Precision-shaped grain engineered to cut faster than competitive ceramic products, offering significant productivity gains
- Triangular shaped ceramic grain wears evenly, runs cool, and optimizes mineral breakdown, for extra-long life
- Reduces changeouts & downtime in robotic & pressure-assisted applications
- Rigid, reinforced resin-bonded wheel slices through almost all materials including stainless steel, mild steel, and aerospace alloys

Part#	Diameter	Max RPM
78466	4.5" x 0.25" x 0.875"	13,300
64314	6" x 0.25" x 0.875"	10,200
64315	7" x 0.25" x 0.875"	8,500
87153	9" x 1/4" x 5/8"-11 Quick Change	6,650

### 3M™ Cubitron™ II Flap Disc 967A



- Ideal 3M flap disc for medium-duty applications like weld removal and surface preparation
- Built with 3M Precision-Shaped Grain for an exceptionally fast cut, helping increase productivity
- Poly-cotton backing delivers controlled, even wear in medium unit pressure applications
- Individual flaps break down, exposing fresh mineral to deliver consistent cut rate for the life of the disc

Part#	Diameter	Grit	Max RPM
55605	4.5" x 0.875"	40+	13,300
55606	4.5" x 0.875"	60+	13,300
55607	4.5" x 0.875"	80+	13,300

3M Science. Applied to Life.™

Grinding Discs

Tap & Die Sets

NORSEMAN DRILL & TOOL America's Finest High-Speed Cutting Tools

**DURHAM MFG®**  
Est. 1922

**Large Selection of Storage Solutions!**  
Move it • Store it • Work on it • Keep it Safe



Call for Freight Price

33-13/16"  
x  
11-15/16"  
x  
24"



**40 Opening Steel Bin, 12" Deep**

Part#	Bin Dimensions
359-95	4"x 11-15/16" x 4-1/2"



Call for Freight Price

33-13/16"  
x  
11-15/16"  
x  
42"



**72 Opening Steel Bin, 12" Deep**

Part#	Bin Dimensions
363-95	4" x 11-15/16" x 4-1/2"



Call for Freight Price



**17" Revolving Rotabin - 6 Shelves - Steel**

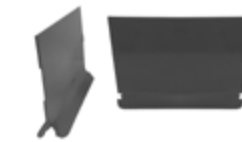
Part#	Size
1106-95	17" w x 25-7/8" h



**Steel Divider for 17" Rotabin®**

Part#	Overall Dimensions
1141-95-IND	7-3/8" x 9/16" x 3-1/16"

**DURHAM MFG®**  
Est. 1922



Part#
120-95

**Divider for 119-95**

18-5/16"  
x  
12-7/16"  
x  
3-1/16"



These Compartment Boxes fit inside both Slide Racks at Left.

**Large Steel Compartment Box**

Part#	Compartments	Compartment Dimensions
115-95	12	2-15/16" x 5-13/16"
113-95	16	2-15/16" x 4-5/16"
111-95	20	2-15/16" x 3-7/16"



Call for Freight Price

**Large Slide Rack  
4 Compartments - Steel**

Part#	Size
303-95	20" x 15-7/8" x 15"



Call for Freight Price

**Large Ball Bearing Slide Rack  
4 Compartments - Steel**

Part#	Size
303B-15.75-95	20-5/16" x 15" x 15-7/8"

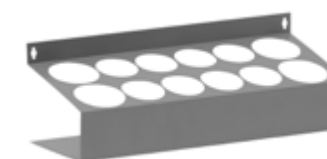
18-5/16"  
x  
12-7/16"  
x  
3-1/16"



These Compartment Boxes fit inside both Slide Racks at Left.

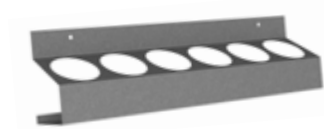
**Adjustable Large Steel Compartment Box**

Part#	Compartments	Compartment Dimensions
119-95	Adjustable	11-7/16" x 4-5/16"



**Aerosol Can Caddy - 12 Can**

Part#	Size
386-95	20" x 6-5/8" x 7-3/16"



**Aerosol Can Caddy - 6 Can**

Part#	Size
385-95	21-1/2" x 3-1/8" x 5-5/16"



## LED Pocket Lights



### MicroStream® LED Pocket Light IPX4 Water Resistant

Part#	Light Output	Run Time	Price
66318 (Black)	45 Lumens	2.25 Hrs	\$19.90
66323 (Red)	45 Lumens	2.25 Hrs	\$19.90



### Stylus® Pro LED Pen Light IPX4 Water Resistant

Part#	Light Output	Battery Life	Price
66118 (Black)	100 Lumens	8 Hrs	\$23.22
66120 (Red)	100 Lumens	8 Hrs	\$23.22
66121 (Silver)	100 Lumens	8 Hrs	\$23.22
66122 (Blue)	100 Lumens	8 Hrs	\$23.22



### MicroStream® LED USB Rechargeable Pocket Light IPX4 Water Resistant

Part#	Light Output	Battery Life	Price
66601 (Black)	250 Lumens	High:	\$32.55
66602 (Red)	250 Lumens	1.5 Hrs	\$32.55
66603 (Blue)	250 Lumens	Low:	\$32.55
66608 (Coyote)	250 Lumens	3.5 Hrs	\$32.55



### Stylus® Pro USB Rechargeable Penlight IPX4 Water Resistant

Part#	Light Output	Run Time	Price
66134	350 Lumens	High: 1.5 Hrs Low 3.5 Hrs	\$54.00



### MacroStream® USB Everyday Carry Flashlight IPX4 Water Resistant

Part#	Light Output	Run Time	Price
66320	500 Lumens	High: 2 Hrs, Low 8 Hrs	\$56.00



## LED Rechargeable Headlamps



INCLUDES:



### Model 555 Double Power - 2nd Gen.

- Military-Grade Aluminum
- Sleek / Slim / Lightweight
- Smooth Dimming (5 - 100%)
- Built-In Fuel Gauge
- High Capacity Millertech Li-ion Battery
- 5 Year Warranty

Part#	Light Output	Max Runtime	Price
555-2ND	1800 Lumens	High = 2.5 Hrs Low = 100 Hrs	\$56.00

INCLUDES:



### Model 569 Sportster

Loaded with all the same features as the 556-2nd. In addition, the Sportster can use red and green lens with beam distance that reaches up to 50% further!

- Military-Grade Aluminum
- Sleek / Slim / Lightweight
- Smooth Dimming (5-100%)
- (Smart) Mode Memory
- Built-In Fuel Gauge
- High Capacity Millertech Li-ion Battery

Part#	Light Output	Max Runtime	Price
569	750 Lumens	High = 4.5 Hrs Low = 100 Hrs	\$56.00

INCLUDES:



### Model 564 THE QUAD

- 4X CREE XP-G3 Leds
- Turbo Mode (2200 Lumens for 30 Sec)
- Smooth Dimming (0 - 100%)
- Smart Mode Memory
- Built-In Fuel Gauge
- Military-Grade Aluminum
- Sleek / Slim / Lightweight
- High Capacity Millertech Li-ion Battery
- High Speed Type C Charger Port

Part#	Light Output	Max Runtime	Price
564	1500 Lumens (High) 100 Lumens (Low)	High = 2.5 Hrs Low = 100 Hrs	\$60.00



INCLUDES:



### Model 556 High Power - 2nd Gen.

- Military-Grade Aluminum
- Sleek / Slim / Lightweight
- Smooth Dimming (5 - 100%)
- Built-In Fuel Gauge
- High Capacity Millertech Li-ion Battery
- 5 Year Warranty

Part#	Light Output	Max Runtime	Price
556-2ND	750 Lumens	High = 5 Hrs Low = 120 Hrs	\$50.00

INCLUDES:



### Model 568-LT Dutch Bully

Brand New "True-View Technology" by Millertech! The Dutch Bully features a special 4000K LED chip making the objects that you are lighting up look true to their original color!

- Simple 1 Press ON and 1 Press OFF
- Remaining Battery Life Indicator
- Built Extra Heavy-Duty for Maximum User Life

Part#	Light Output	Max Runtime	Price
568-LT	500 Lumens (on High)	High = 6 Hrs Low = 120 Hrs	\$50.00

## LED Rechargeable Flashlights



INCLUDES:



### Model 553 Tactical - 2nd Gen.

- Military-Grade Aluminum
- USB-C Charging Port
- Compact / Lightweight
- Millertech Li-ion Battery
- Smooth Dimming 5-100%
- Smart Mode Memory
- Fuel Gauge
- Magnet Tail Cap
- 5 Year Warranty

Part#	Light Output	Max Runtime	Price
553-2ND	7500 Lumens	High = 5 Hrs Low = 100 Hrs	\$38.00



We Stock Your Favorite Brands!

We Stock Your Favorite Brands!

<p><b>A</b></p>      <p><b>B</b></p>      <p><b>C</b></p>  	<p><b>Cedar Ridge</b></p>       <p><b>D</b></p>        	<p><b>E</b></p>      <p><b>F</b></p>       <p><b>G</b></p>  	<p><b>GATOR</b></p>       <p><b>H</b></p>      	<p><b>INTERSTATE BATTERIES</b> Ultrastrongly Dependable</p>  <p><b>J</b></p>   <p><b>K</b></p>      <p><b>L</b></p>  	<p><b>M</b></p>          <p><b>N</b></p>   	<p><b>P</b></p>           <p><b>R</b></p>   	<p><b>REESE</b> Torquepower</p>                 	<p><b>S</b></p>       <p><b>T</b></p>     	<p><b>W</b></p>       <p><b>Y</b></p>  
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## Suggested Tightening Torques for METRIC BOLTS, SCREWS & NUTS

NOMINAL DIAMETER - COURSE THREAD								
PROPERTY CLASS	5.6		8.8		10.9		12.9	
	NM	ft. lb.	NM	ft. lb.	NM	ft. lb.	NM	ft. lb.
Ma								
M3	0.56	0.41	1.28	0.94	1.80	1.33	2.16	1.59
M4	1.28	0.94	2.90	2.14	4.10	3.02	4.95	3.65
M5	2.50	1.84	5.75	4.24	8.10	5.97	9.70	7.15
M6	4.3	3.1	9.9	7.3	14	10.3	16.5	12.1
M7	7.1	5.2	16.5	12.1	23	16.9	27	19.9
M8	10.5	7.7	24	17.7	34	25	40	29
M10	21	15	48	35	67	49	81	59
M12	36	26	83	61	117	86.2	140	103
M14	58	42	132	97	185	136	220	162
M16	88	64	200	147	285	210	340	250
M18	121	89	275	202	390	287	470	346
M20	171	126	390	287	550	405	660	486
M22	230	169	530	390	745	549	890	656
M24	295	217	675	497	960	708	1,140	840
M27	435	320	995	733	1,400	1,032	1,680	1,239
M30	590	435	1,350	995	1,900	1,401	2,280	1,681
M33	800	590	1,830	1,349	2,580	1,902	3,090	2,278
M36	1,030	759	2,360	1,740	3,310	2,441	3,980	2,935
M39	1,340	988	3,050	2,249	4,290	3,163	5,150	3,798

Users of this chart assume full responsibility of application.

NOMINAL DIAMETER - FINE THREAD						
PROPERTY CLASS	8.8		10.9		12.9	
	NM	ft. lb.	NM	ft. lb.	NM	ft. lb.
Ma						
M 8 x 1	25	18	35	25	42	30
M10 x 1.25	49	36	68	50	82	60
M12 x 1.25	88	64	125	92	150	110
M14 x 1.5	140	103	195	143	235	173
M16 x 1.5	210	154	295	217	350	258
M18 x 1.5	305	224	425	313	510	376
M20 x 1.5	425	313	600	442	720	531
M22 x 1.5	570	420	800	590	960	708
M24 x 2	720	531	1000	737	1200	885

Users of this chart assume full responsibility of application.

Please Note Conversion Factor:  
One NM = .7375 Foot Pound, One Foot Pound = 1.355818 NM

## 1960 SERIES SOCKET HEAD CAP SCREWS

NOMINAL SIZE OR BASIC SCREW DIAMETER	HEXAGON SOCKET SIZE		TIGHTENING TORQUE	
	Nominal		UNRC*	UNRF*
0 0.0600		0.050	----	2.6 (in-lb)
1 0.0730	1/16	0.062	4.5	4.8
2 0.0860	5/64	0.078	7.5	8
3 0.0990	5/64	0.078	11	12
4 0.1120	3/32	0.094	16	18
5 0.1250	3/32	0.094	24	24
6 0.1380	7/64	0.109	30	34
8 0.1640	9/64	0.141	55	58
10 0.190	3/32	0.156	79	90
1/4 0.2500	3/16	0.188	17	19 (ft-lb)
5/16 0.3125	1/4	0.250	35	38
3/8 0.3750	5/16	0.312	62	70
7/16 0.4375	3/8	0.375	100	109
1/2 0.5000	3/8	0.375	150	172
5/8 0.6250	1/2	0.500	283	317
3/4 0.7500	5/8	0.625	500	562
7/8 0.8750	3/4	0.750	688	767
1 1.000	3/4	0.750	1040	1080
1 1/4 1.2500	7/8	0.875	2080	2310
1 1/2 1.5000	1	1.000	3625	4080

Users of this chart assume full responsibility of application.

\*UNRC = Unified National Coarse thread series with external thread controlled root radius

\*UNRF = Unified National Fine thread series with external thread controlled root radius

## How do I determine the Wrench size or Hex Key size for Hex Head Bolts and Socket Heads

INCH - Tools for Hex Head Bolts and Socket Heads			
BOLT SIZE	WRENCH SIZE	HEX KEY SIZE	HEAVY HEX WRENCH SIZE
1/4	7/16	3/16	1/2
5/16	1/2	1/4	9/16
3/8	9/16	5/16	11/16
7/16	5/8	3/8	3/4
1/2	3/4	3/8	7/8
9/16	13/16	7/16	15/16
5/8	15/16	1/2	1-1/16
3/4	1-1/8	5/8	1-1/4
7/8	1-5/16	3/4	1-7/16
1	1-1/2	3/4	1-5/8
1-1/8	1-11/16	7/8	1-13/16
1-1/4	1-7/8	7/8	2
1-3/8	2-1/16	1	2-3/16
1-1/2	2-1/4	1	2-3/8
1-5/8	2-7/16	-	2-9/16
1 3/4	2-5/8	1-1/4	2-3/4
1-7/8	2-13/16	-	2-15/16
2	3	1-1/2	3-1/8
2-1/4	3-3/8	-	3-1/2
2-1/2	3-3/4	-	3-7/8
2-3/4	4-1/8	-	4-1/4
3	4-1/2	-	4-5/8
Bolt Size *1.5 = Socket Size			
Heavy Hex Bolt over 3/8", Bolt Size *1.5 + 1/8 = Socket Size.			

METRIC - Tools for Hex Head Bolts and Socket Heads		
BOLT SIZE	WRENCH SIZE	HEX KEY SIZE
M4	7mm	3mm
M5	8mm	4mm
M6	10mm	5mm
M8	13mm	6mm
M10	17mm	8mm
M12	19mm	10mm
M14	22mm	12mm
M16	24mm	14mm
M18	27mm	14mm
M20	30mm	17mm
M22	32mm	17mm
M24	36mm	19mm
M30	46mm	22mm
M36	55mm	-
M42	65mm	-
M48	75mm	-
M56	85mm	-
M64	95mm	-
M72	105mm	-
M80	115mm	-
M90	130mm	-
M100	145mm	-

# THREAD PITCHES

METRIC			
BOLT SIZE	COURSE THREAD	FINE THREAD	EXTRA FINE THREAD
M1	0.25	0.2	-
M2	0.4	0.25	-
M3	0.5	0.35	-
M4	0.7	0.5	-
M5	0.8	0.5	-
M6	1	0.75	-
M7	1	0.75	-
M8	1.25	1	0.75
M9	1.25	1	0.75
M10	1.5	1.25	1
M11	1.5	1	0.75
M12	1.75	1.5	1.25
M14	2	1.5	1.25
M16	2	1.5	1
M18	2.5	2	1.5
M20	2.5	2	1.5
M22	2.5	2	1.5
M24	3	2	1.5
M27	3	2	1.5
M30	3.5	3	2
M33	3.5	3	2
M36	4	3	2
M39	4	3	2
M42	4.5	4	3
M45	4.5	4	3
M48	5	4	3
M52	5	4	3
M56	5.5	4	3

INCH		
BOLT SIZE	COURSE THREAD	FINE THREAD
1/4	20	28
5/16	18	24
3/8	16	24
7/16	14	20
1/2	13	20
9/16	12	18
5/8	11	18
3/4	10	16
7/8	9	14
1	8	14
1-1/8	7	12
1-1/4	7	12
1-3/8	6	12
1-1/2	6	12
1-3/4	5	-
2	4-1/2	-
2-1/2	4	-
3	4	-

CONVERSION FACTORS				
QUANTITY	Metric Units	Imperial Units	From Metric to Imperial	From Imperial to Metric
LENGTH	Millimeters (CM)	Inches (IN)	MM x .03937 = IN	IN x 25.4 = MM
	Centimeters (CM)	Inches (IN)	CM x 3.937 = IN	IN x 2.540 = CM
	Meters (MT)	Feet (FT)	MT x 3.281 = FT	FT x .3048 = MT
WEIGHT	Kilograms (KG)	Pounds (LBS)	KG x 2.2046 = LBS	LBS x .4535 = KG
PRESSURE	Bar (BAR)	Pounds/Sq.in. (PSI)	BAR x 14.50 = PSI	PSI x .0689 = BAR
	Pascal (PA)	Pounds/Sq.in. (PSI)	PA x .145 = PSI	PSI x 6.8948 = PA
	Atmospheres	Pounds/Sq.in.	ATM x 14.70 = PSI	PSI x .0680 = ATM
TEMPERATURE	Degrees Celsius (°C)	Degrees Fahrenheit (°F)	°C = °F - 32 1.8	°F = °C x 1.8 + 32
VOLUME	Cubic Centimeters (CM³)	Cubic Feet (Cu.Ft.)	CM³ x .061 = Cu.Ft.	Cu.Ft. x 16.29 = CM³
	Litres (LT)	Gallons U.S. Gallons IMP (Gal. US) (Gal. Imp)	LT x .2642 = Gal/US LT x .2200 = Gal/Imp	Gal/US x 3.785 = LT Gal/Imp x 4.546 = LT
POWER	Kilowatts (KWH)	Horsepower (HP)	KWH x .7457 = HP	HP x 1.3410 = KWH
LOAD	Meter Kilograms (KGM)	Foot-Pounds (LBF)	KGM x 7.233 = LBF	LBF x .1383 KGM
DENSITY	Gram/Cubic Centimeters (GR/CM³)	Pounds/Cu. Inches (PCI)	GR/CM³ x .03613 = PCI	PCI x 27.68 GR/CM³

1 Inch-pound (in-lbs) is equal to 0.0833334 foot-pound (ft-lb).  
To convert inch-pounds to foot-pounds, multiply the inch-pound value by 0.0833334 or divide by 12.

Volts x Amps = Watts  
Watts ÷ Volts = Amps

INCH / METRIC CONVERSION	
Fractional to Decimal	Divide top # by bottom #
Decimal to Millimeter	Multiply Decimal by 25.4
Millimeter to Decimal	Multiply mm by .03937

MATERIAL GRADE COMPARISONS		
Inch	-	Metric
Grade 2	-	Class 4.8
Grade 5	-	Class 8.8
Grade 8	-	Class 10.9
Alloy Steel (Set Screw)/ Grade L9	-	Class 12.9

Technical Data

Technical Data



# STEEL SHEET GAUGES

Gauge Number	Steel Weight lbs. per sq. foot	Thickness inches		Weight lbs/sq. ft.	
		US Standard Gauge	Manufacturers Standard	Galvanized Sheet	Stainless Steel
10	5.62	0.1406	0.1345	5.7812	5.7937
11	5.00	0.1250	0.1196	5.1562	5.1500
12	4.37	0.1094	0.1046	4.5312	4.5063
13	3.75	0.0937	0.0897	3.9062	3.8825
14	3.12	0.0781	0.0747	3.2812	3.2187
15	2.81	0.0703	0.0673	2.9687	2.8968
16	2.50	0.0625	0.0598	2.6562	2.5750
17	2.25	0.0562	0.0538	2.4062	2.3175
18	2.00	0.0500	0.0478	2.1562	2.0600
19	1.75	0.0437	0.0418	1.9062	1.8025

Gauge Number	Steel Weight lbs. per sq. foot	Thickness inches		Weight lbs/sq. ft.	
		US Standard Gauge	Manufacturers Standard	Galvanized Sheet	Stainless Steel
20	1.50	0.0375	0.0359	1.6562	1.5450
21	1.37	0.0344	0.0329	1.5312	1.4160
22	1.25	0.0312	0.0299	1.4062	1.2875
23	1.12	0.0281	0.0269	1.2812	1.1587
24	1.00	0.0250	0.0239	1.1582	1.0300
25	0.875	0.0219	0.0209	1.0312	0.9013
26	0.750	0.0187	0.0179	0.9062	0.7725
27	0.687	0.0172	0.0164	0.8437	0.7081
28	0.625	0.0156	0.0149	0.7812	0.6438
29	0.562	0.0141	0.0135	0.7187	0.5794
30	0.500	0.0125	0.0120	0.6562	0.5150

# TAP DRILL SIZES

Highlighted Cells Indicate Metric Sizes

Tap Size	Thread	Tapping Drill		Clearance Hole	
		inch	mm	inch	mm
M 1.6	0.35	#55	1.25	#50	1.80
1 - 64	#53	1.55	#46	2.10	
1 - 72	#53	1.50	#46	2.10	
M 2	0.40	#52	1.60	#42	2.40
2 - 56	#51	1.85	#41	2.50	
2 - 64	#50	1.80	#41	2.50	
3 - 48	#47	2.10	#35	2.80	
M 2.5	0.45	#46	2.05	#33	2.90
3 - 56	#45	2.10	#35	2.80	
4 - 40	#43	2.35	#30	3.30	
4 - 48	#42	2.40	#30	3.30	
M 3	0.50	#40	2.50	#29	3.40
5 - 40	#38	2.65	#29	3.50	
5 - 44	#37	2.70	#29	3.50	
6 - 32	#36	2.85	#25	3.80	
6 - 40	#33	2.90	#25	3.80	
M 3.5	0.60	#33	2.90	#23	3.90
M 4	0.70	#30	3.30	#16	4.50
8 - 32	#29	3.50	#16	4.50	
8 - 36	#29	3.50	#16	4.50	
10 - 24	#25	3.90	#7	5.10	
10 - 32	#21	4.10	#7	5.10	
M 5	0.80	#19	4.20	#3	5.50
12 - 24	#16	4.50	#1	5.80	
12 - 28	#14	4.70	#1	5.80	
M 6	1.00	#9	5.00	F	6.60
1/4 - 20	#7	5.10	17/64	6.80	
1/4 - 28	#3	5.50	17/64	6.80	
5/16 - 18	F	6.60	21/64	8.50	
M 8	1.25	H	6.80	T	9.00
5/16 - 24	I	6.90	21/64	8.50	
MF 8	1.00	J	7.00	T	9.00
3/8 - 16	5/16	8.00	25/64	10.00	
3/8 - 24	Q	8.50	25/64	10.00	
M 10	1.50	Q	8.50	7/16	11.00
MF 10	1.25	S	8.80	7/16	11.00
MEF 10	1.00	23/64	9.00	7/16	11.00
7/16 - 14	U	9.40	15/32	12.00	
7/16 - 20	25/64	9.90	15/32	12.00	
M 12	1.75	13/32	10.30	17/32	13.50
1/2 - 13	27/64	10.80	17/32	13.50	
MF 12	1.25	27/64	10.80	17/32	13.50
MEF 12	1.50	Z	10.50	17/32	13.50
1/2 - 20	29/64	11.50	17/32	13.50	

Tap Size	Thread	Tapping Drill		Clearance Hole	
		inch	mm	inch	mm
M 14	2.00	15/32	12.00	39/64	15.50
9/16 - 12	31/64	12.20	39/64	15.50	
MF 14	1.50	31/64	12.50	39/64	15.50
9/16 - 18	33/64	12.90	39/64	15.50	
M 16	2.00	35/64	14.00	11/16	17.50
5/8 - 11	17/32	13.50	11/16	17.50	
MF 16	1.50	9/16	14.50	11/16	17.50
5/8 - 18	37/64	14.50	11/16	17.50	
M 18	2.50	39/64	15.50	25/32	20.00
MF 18	1.50	21/32	16.50	25/32	20.00
3/4 - 10	21/32	16.50	13/16	20.50	
3/4 - 16	11/16	17.50	13/16	20.50	
M 20	2.50	11/16	17.50	7/8	22.00
MF 20	1.50	47/64	18.50	7/8	22.00
7/8 - 9	49/64	19.50	15/16	23.50	
M 22	2.50	49/64	19.50	15/16	24.00
MF 22	1.50	13/16	20.50	15/16	24.00
7/8 - 14	13/16	20.50	15/16	23.50	
M 24	3.00	53/64	21.00	1-1/32	26.00
MF 24	2.00	7/8	22.00	1-1/32	26.00
1 - 8	7/8	22.25	1-3/32	27.50	
1 - 12	59/64	23.25	1-3/32	27.50	
1 - 14	15/16	23.50	1-3/32	27.50	
M 27	3.00	61/64	24.00	1-3/16	30.00
1-1/8 - 7	63/64	25.00	1-7/32	31.00	
1-1/8 - 12	1-3/64	26.50	1-7/32	31.00	
M 30	3.50	1-3/64	26.50	1-5/16	33.00
1-1/4 - 7	1-7/64	28.00	1-11/32	34.00	
M 33	3.50	1-5/32	29.50	1-13/32	36.00
1-1/4 - 12	1-11/64	29.50	1-11/32	34.00	
1-3/8 - 6	1-7/32	30.50	1-1/2	38.00	
M 36	4.00	1-17/64	32.00	1-17/32	39.00
1-3/8 - 12	1-19/64	32.75	1-1/2	38.00	
1-1/2 - 6	1-11/32	34.00	1-5/8	41.00	
1-1/2 - 12	1-27/64	36.00	1-5/8	41.00	
M 42	4.50	1-15/32	37.50	1-25/32	45.00
1-3/4 - 5	1-9/16	39.50	1-7/8	48.00	
M 48	5.00	1-45/64	43.00	2-1/16	52.00
2 - 4.5	1-25/32	45.00	2-1/8	54.00	
M 52	5.00	1-55/64	47.00	2-7/32	56.00
M 56	5.50	2	50.50	2-7/16	62.00

Users of this chart assume full responsibility of application.  
For Metric Bolts subtract the bolt size minus the thread pitch to find your drill size.



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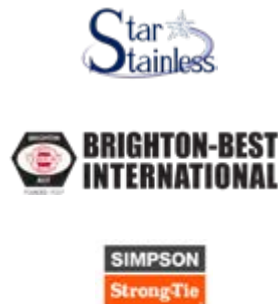


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- Grade 2
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