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HARDWARE
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HANSEN



122 White Horse Rd. Gap, PA

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America's Finest Highspeed Steel Cutting Tools

Milwaukee

WILLIAMS

BONDHUS
LIFETIME WARRANTY

MAYHEW
The Free Kisser

GP

DRILL
AMERICA

Hougen

2025 - 2026 TOOL CATALOG

Dear Customer,

Welcome to the 2025-2026 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

Welcome



Gift Cards Available!



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

Phone: 717-768-8313 Ext. 1
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Email: whmhardware@abcmailbox.net
122 White Horse Road
Gap, PA 17527

Hours:

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.

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**Build Your Own
Customized Tool Kit!**



1

Visit Our Retail
Store or Order from
this Catalog

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We Help You
Navigate Tool and
Brand Options

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Build Your Own Kit.
Customize it
to Work for You.

4

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Workplace.
Build Your Skill Set.

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wiha

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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.



SCAN ME!

Get Your
Homak

Full Line
Catalog!



WHITE HORSE
HARDWARE
 & SUPPLY STORE

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



Call for Freight Price



Homak



Call for Freight Price



3 Slide Top Service Cart 35" Pro Series Four Drawer

Part# HK BK06043500 = \$798.00

- 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

Industrial Tool Box

Part# HK BW00200200 (20") = \$116.00

Part# HK BW00200240 (24") = \$130.00

Part# HK BW00200320 (32") = \$138.00

- 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.



Call for Freight Price



36" RS Pro Top Chest

Part# HK RD02036040 = \$794.00

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.



Call for Freight Price



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



36" RS Pro Roller Cabinet

Part# HK RD04036070 = \$1,221.00

- 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



Homak



Call for Freight Price

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



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

41" RS Pro Top Chest

Part# HK RD02004173 (Red) = \$999.00

Part# HK BL02004173 (Blue) = \$999.00

Part# HK BK02004173 (Black) = \$999.00

Part# HK OG02004173 (Orange) = \$999.00

- 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



Call for Freight Price



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

41" RS Pro Roller Cabinet

Part# HK RD04004193 (Red) = \$1,386.00

Part# HK BL04004193 (Blue) = \$1,386.00

Part# HK BK04004193 (Black) = \$1,386.00

Part# HK OG04004193 (Orange) = \$1,386.00

- 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



Homak



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# HK HX02060101 = \$2,890.00

- 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

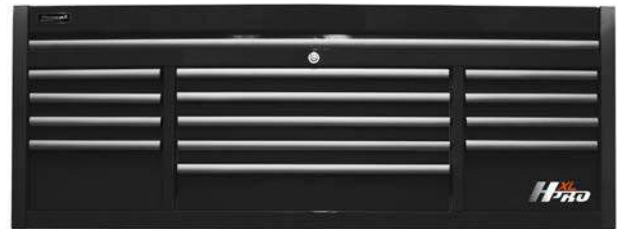
Available in Black or Blue.
Stocked in Black



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# HK HX02072151 = \$3,483.00

- 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

Homak

Tool Chests

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# HK HX04060111 = \$4,637.00

- 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# HK HX04072171 = \$5,651.00

- 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



Homak

60" HXL Pro Hutch with Power Strip

Part# HK HX02060001 (Black) = \$1,572.00

- 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.



Call for Freight Price



72" HXL Pro Hutch with Power Strip

Part# HK HX02072001 (Black) = \$1,719.00

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



Call for Freight Price



Open Closed



Tool Chest & Cabinet with Tool Assortment Kits

*Fully Equipped
and Ready
to Perform!*

Item#	Brand	Description	Page	Price
HK RD02004173	Homak	41" RS Pro Top Chest - Red	8	\$999.00
HK RD04004193		41" RS Pro Roller Cabinet - Red	8	\$1,386.00
WI JHWWSM-11HRC	Williams	11 Pc, 1/4" Drive, 6 Point, Shallow Fractional Socket Set	13	\$63.00
WI JHWWSMD10HRC		10 Pc, 1/4" Drive, 6 Point, Deep Fractional Socket Set	13	\$84.00
WI JHWWSM-12HRC		12 Pc, 1/4" Drive, 6 Point, Shallow Metric Socket Set	13	\$69.00
WI JHWWSMD12HRC		12 Pc, 1/4" Drive, 6 Point Deep Metric Socket Set	13	\$106.00
WI JHWM-52EHA		1/4" Drive - 5-1/4" Enclosed Head Ratchet	14	\$33.45
WI JHWM-140A		1/4 Drive - Universal Joint	14	\$20.88
WI JHWM-102		1/4" Drive - 2" Extension	14	\$8.78
WI JHWM-115		1/4" Drive - 6" Extension	14	\$11.68
WI JHWM-106A		1/4" Drive - 6" Handle	14	\$15.39
WI JHWWSB-23HF		23 Pc, 3/8" Drive, 6 Point Fractional Socket & Drive Tool Set in Keep Safe Foam	15	\$247.00
WI JHWWSB-12HRC		12 Pc, 3/8" Drive, 6 Point Shallow Metric Socket Set	16	\$78.00
WI JHWWSD12HRC		12 Pc, 3/8" Drive, 6 Point Deep Metric Socket Set	16	\$105.00
WI JHWWSS-30F		30 Pc, 3/8" Drive, 12 Point Fractional Socket & Drive Tool Set in Keep Safe Foam	19	\$463.00
WI JHWMSS-15RC		15 Pc, 1/2" Drive, 12 Point Shallow Metric Socket Set (10mm to 24mm)	20	\$133.00
WI JHWMSSD-12RC		12 Pc, 1/2" Drive, 12 Point Deep Metric Socket Set	20	\$180.00
WI JHWWS-2-8		8 Pc, 3/8" Drive, 6 Point Shallow Fractional Impact Socket Set	16	\$46.34
WI JHWWS-12-8		8 Pc, 3/8" Drive, 6 Point Deep Fractional Impact Socket Set	16	\$57.00
WI JHWMS-2-13H		13 Pc, 3/8" Drive, 6 Point Metric Shallow Impact Socket Set - Clip & Rails	16	\$86.00
WI JHWMS-12-13H		13 Pc, 3/8" Drive, 6 Point Metric Deep Impact Socket Set	16	\$109.00
WI JHWWS-4-14		14 Pc, 1/2" Drive, 6 Point Fractional Standard Impact Socket Set	20	\$137.00
WI JHWWS1414RC		14 Pc, 1/2" Drive, 6 Point Deep Impact Socket Set	20	\$196.00
WI JHWMS-4-16RC		16 Pc, 1/2" Drive, 6 Point Metric Impact Socket Set	21	\$137.00
WI JHWMS-1416RC		16 Pc, 1/2" Drive, 6 Point Deep Metric Impact Socket Set	21	\$214.00
WI JHWWSB-6ADPA		6 Pc, 3/8" Drive Adapter Set	27	\$92.00
WI BAH9033RUS		10" Black - Wide Opening Jaw Adjustable Wrench with Rubber Handle	27	\$71.00
WI JHWWS-1168RC		8 Pc, Ratcheting Combination Wrench Set	31	\$155.00
WI JHWMWS-12RC		12 Pc, Ratcheting Combination Wrench Set	32	\$225.00
WI 2503MFRPHW		1/2" Torque Wrench	36	\$308.00
WI JHWF100P-8MD		8 Pc, Endurogrip Combination Screwdriver Set in 1/3 Foam Drawer Insert	37	\$139.00
WI JHW20545		15" Ball Pein Hammer - Fiberglass handle	39	\$22.40
WI JHWJHW-24		12-3/4" Deadblow Hammer	39	\$41.99
WI JHWJHW-48		15" Deadblow Hammer	39	\$65.00
WT 915	Wright	15 Pc, 12 Point Fractional Wrench Set	67	\$406.00
WT 958		18 Pc, 12 Point Metric Wrench Set	67	\$384.00
KX 00 20 06 US3	Knipex	3 Pc, Black Pliers Wrench Set	75	\$177.00
KX 00 20 06 US1		3 Pc, Cobra® Pliers Set	73	\$131.00
KX 00 20 01 V16		4 Pc, Automotive Pliers Set in Foam Tray	76	\$151.00
KX 26 11 200		Snipe Nose Side Cutting Pliers	77	\$33.99
KX 00 20 04 SB		Precision Circlip Pliers Set	79	\$215.00
NM 66820	Norseman	SPM-29P 175-AG Set 29 Pc Black Ultra Dex	211	\$135.00
MH 60150	Mayhew	Pro 3 Pc Ladyfoot Pry Bar Set	89	\$113.00
MH 61355		3 Pc Dominator Curved Screwdriver Pry Bar Set	89	\$80.00
MH 61044		14 Pc Punch & Chisel Set	92	\$92.00
MH 62252		9 Pc Pilot Punch Set	93	\$72.00
MH 60003		Hook & Pick Set	96	\$19.52
BH 69600	Bondhus	22 Pc, Metric & Inch Hex Wrench Set	98	\$49.57
BH 13138		10 Pc, Fractional Hex Wrench Set	99	\$48.52
BH 13187		8 Pc, Metric Hex Wrench Set	99	\$39.76
HG 9301	Hansen	3 Pc, Reg & Deep Fractional Socket Trays	105	\$42.84
HG 9302		3 Pc, Reg & Deep Metric Socket Trays	105	\$42.84
HG 1201		1/2" Drive Reg & Deep Fractional Socket Tray	105	\$19.44
HG 1202		1/2" Drive Reg & Deep Metric Socket Tray	105	\$19.44
HG 3801		3/8" Drive Reg & Deep Fractional Socket Tray	105	\$18.14
HG 3802		3/8" Drive Reg & Deep Metric Socket Tray	105	\$18.14
EM 5064	Ernst	19 Tool - Black Wrench Tray	106	\$12.26
EM 5160		16 Tool - Red - Reversed Wrench Tray	106	\$10.02
EM 5500		10 Tool Red/Black Plier Pro Storage Unit	107	\$17.84
GRAND TOTAL				\$8,453.23

Customized Kits for Your Specific Needs!



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



SCAN ME!

Get Your
WILLIAMS

Full Line Catalog!

WILLIAMS®

WORK TOOLS



WILLIAMS

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



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

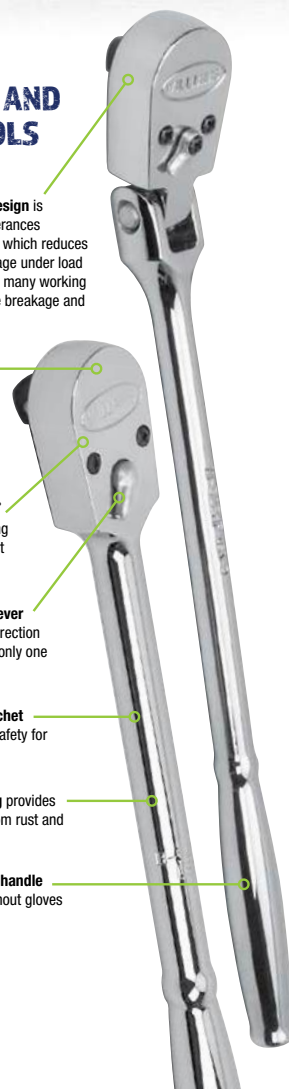
36-tooth gear with 10° of engagement allowing easier ratcheting in tight conditions

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



WHITE HORSE
HARDWARE
& SUPPLY STORE

WHITE HORSE
HARDWARE
& SUPPLY STORE

1/4" Sockets & Accessories



- 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

Part# WI JHWWSM-11HRC = \$63.00 (Set Includes entire listing below)

- 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 Pt, Deep Fractional Socket Set

Part# WI JHWWSMD10HRC = \$84.00 (Set Includes entire listing below)

- 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 Pt, Shallow Metric Socket Set

Part# WI JHWMSM-12HRC = \$69.00 (Set Includes entire listing below)

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



MM

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

Part# WI JHWMSMD12HRC = \$106.00 (Set Includes entire listing below)

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



MM

27 Pc, 1/4" Drive 6 Point SAE Standard Socket and Drive Tool Set in 1/3 Foam Drawer Insert

Part# WI JHWFWSM-26HF = \$262.00

(Set Includes entire listing below)

- Fractional Shallow Length Sizes:
5/32", 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"
- Accessories: 2" Extension, 6" Extension,
6" Spinner Handle, 1-7/16" Drive Adapter, 5-1/4" Enclosed Head Ratchet



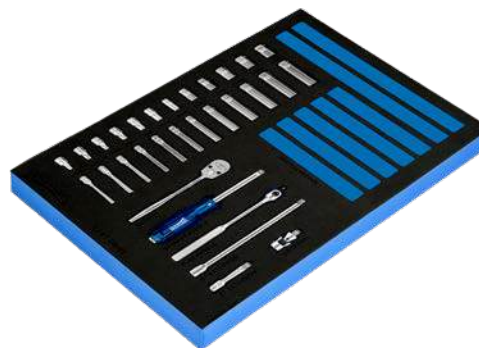
SAE

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

Part# WI JHWFMSM-30HF = \$305.00

(Set Includes entire listing below)

- 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
WI JHWM-605	5/32	\$6.24
WI JHWM-606	3/16	\$6.38
WI JHWM-607	7/32	\$6.38
WI JHWM-608	1/4	\$6.38
WI JHWM-609	9/32	\$6.38
WI JHWM-610	5/16	\$6.54

Part#	Size	Price
WI JHWM-611	11/32	\$6.54
WI JHWM-612	3/8	\$6.54
WI JHWM-614	7/16	\$6.54
WI JHWM-616	1/2	\$6.58
WI JHWM-618	9/16	\$6.61



SAE

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

Part#	Size	Price
WI JHWM-606	3/16	\$9.09
WI JHWM-607	7/32	\$9.09
WI JHWM-608	1/4	\$9.18
WI JHWM-609	9/32	\$9.18
WI JHWM-610	5/16	\$9.33

Part#	Size	Price
WI JHWM-611	11/32	\$9.39
WI JHWM-612	3/8	\$9.42
WI JHWM-614	7/16	\$9.46
WI JHWM-616	1/2	\$9.49
WI JHWM-618	9/16	\$9.60



SAE

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

Part#	Size	Price
WI JHWM-604	4mm	\$6.18
WI JHWM-605	5mm	\$6.18
WI JHWM-605.5	5.5mm	\$6.34
WI JHWM-606	6mm	\$6.34
WI JHWM-607	7mm	\$6.34
WI JHWM-608	8mm	\$6.34

Part#	Size	Price
WI JHWM-609	9mm	\$6.34
WI JHWM-610	10mm	\$6.48
WI JHWM-611	11mm	\$6.48
WI JHWM-612	12mm	\$6.48
WI JHWM-613	13mm	\$6.61
WI JHWM-614	14mm	\$6.69



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

Part#	Size	Price
WI JHWM-604	4mm	\$9.63
WI JHWM-605	5mm	\$9.63
WI JHWM-605.5	5.5mm	\$9.70
WI JHWM-606	6mm	\$9.73
WI JHWM-607	7mm	\$9.73
WI JHWM-608	8mm	\$9.78

Part#	Size	Price
WI JHWM-609	9mm	\$9.81
WI JHWM-610	10mm	\$9.90
WI JHWM-611	11mm	\$9.90
WI JHWM-612	12mm	\$9.94
WI JHWM-613	13mm	\$9.97
WI JHWM-614	14mm	\$10.00



Enclosed Head Ratchet



Part#	Size	Price
WI JHWM-52EHA	5.25"	\$33.45

Drive Extensions



Part#	Size	Price
WI JHWM-102	2"	\$8.78
WI JHWM-115	6"	\$11.68

Spinner Handle



Part#	Size	Price
WI JHWM-106A	6"	\$15.39

Enclosed Head FLEX HEAD Ratchet



Part#	Size	Price
WI JHWM-52EHFA	7"	\$39.47

Universal Joint



Part#	Price
WI JHWM-140A	\$20.88



Adapters
See Page 27

3/8" Sockets & Accessories



SAE

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

(Set Includes entire listing below)

Part# WI JHWWSB23HFTB = \$277.00

(Packaged in Keep Safe Foam inside Metal Tool Box)

Part# WI JHWWSB-23HF = \$247.00

(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



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

(Set Includes entire listing below)

Part# WI JHWMBS29HFTB = \$313.00

(Packaged in Keep Safe Foam inside Metal Tool Box)

Part# WI JHWMBSB-29HF = \$302.00

(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

Part# WI JHWWSS-8HRC = \$55.00 (Set Includes entire listing)

- 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

Part# WI JHWWSB-13HRC = \$95.00 (Set Includes entire listing)

- 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, 12 Point Shallow Fractional Socket Set

Part# WI JHWWSB-13RC = \$91.00

- 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

Part# WI JHWWSD13HRC = \$88.00

(Set Includes entire listing below)

- 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

3/8" Sockets & Accessories



13 Pc, 3/8" Drive, 12 Point Deep Fractional Socket Set

Part# WI JHWWSD-13RC = \$140.00 (Set Includes entire listing below)

• 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

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

Part# WI JHWMSB-12HRC = \$78.00 (Set Includes entire listing below)

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



MM

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

Part# WI JHWMSB-12RC = \$78.00 (Set Includes entire listing below)

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



MM

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

Part# WI JHWMSBD12HRC = \$105.00 (Set Includes entire listing below)

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



MM

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

Part# WI JHWW-2-8 = \$46.34 (Set Includes entire listing below)

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



SAE

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

Part# WI JHWW-12-8 = \$57.00 (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"



SAE

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

Part# WI JHWMS-2-13H = \$86.00 (Set Includes entire listing below)

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



MM

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

Part# WI JHWMS-12-13H = \$109.00 (Set Includes entire listing below)

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



MM

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

Part# WI JHWTSFS3807 = \$155.00 (Set Includes entire listing below)

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



SAE

3/8" Sockets & Accessories



Sockets

3/8" Drive, 6 Point Shallow Fractional Sockets

Part#	Size	Price
WI JHWB-608	1/4	\$6.64
WI JHWB-610	5/16	\$6.64
WI JHWB-612	3/8	\$6.64
WI JHWB-614	7/16	\$6.75
WI JHWB-616	1/2	\$6.75

Part#	Size	Price
WI JHWB-618	9/16	\$7.02
WI JHWB-620	5/8	\$7.23
WI JHWB-622	11/16	\$7.23
WI JHWB-624	3/4	\$7.50

Part#	Size	Price
WI JHWB-626	13/16	\$8.13
WI JHWB-628	7/8	\$8.40
WI JHWB-630	15/16	\$9.60
WI JHWB-632	1	\$9.90



SAE

3/8" Drive, 12 Point Shallow Fractional Sockets

Part#	Size	Price
WI JHWB-1208	1/4	\$6.69
WI JHWB-1210	5/16	\$6.69
WI JHWB-1212	3/8	\$6.69
WI JHWB-1214	7/16	\$6.78

Part#	Size	Price
WI JHWB-1216	1/2	\$6.78
WI JHWB-1218	9/16	\$7.23
WI JHWB-1220	5/8	\$7.23
WI JHWB-1222	11/16	\$7.23

Part#	Size	Price
WI JHWB-1224	3/4	\$7.50
WI JHWB-1226	13/16	\$8.16
WI JHWB-1228	7/8	\$8.40
WI JHWB-1230	15/16	\$9.46
WI JHWB-1232	1	\$9.73



SAE

3/8" Drive, 6 Point Deep Fractional Sockets

Part#	Size	Price
WI JHWBD-608	1/4	\$8.40
WI JHWBD-610	5/16	\$8.53
WI JHWBD-612	3/8	\$8.78
WI JHWBD-614	7/16	\$8.78
WI JHWBD-616	1/2	\$8.78

Part#	Size	Price
WI JHWBD-618	9/16	\$9.25
WI JHWBD-620	5/8	\$9.49
WI JHWBD-622	11/16	\$10.56
WI JHWBD-624	3/4	\$11.94

Part#	Size	Price
WI JHWBD-626	13/16	\$12.64
WI JHWBD-628	7/8	\$14.16
WI JHWBD-630	15/16	\$15.62
WI JHWBD-632	1	\$17.19



SAE

3/8" Drive, 12 Point Deep Fractional Sockets

Part#	Size	Price
WI JHWBD-1208	1/4	\$8.46
WI JHWBD-1210	5/16	\$8.70
WI JHWBD-1212	3/8	\$8.70
WI JHWBD-1214	7/16	\$8.82

Part#	Size	Price
WI JHWBD-1216	1/2	\$8.82
WI JHWBD-1218	9/16	\$9.33
WI JHWBD-1220	5/8	\$9.73
WI JHWBD-1222	11/16	\$10.62

Part#	Size	Price
WI JHWBD-1224	3/4	\$12.24
WI JHWBD-1226	13/16	\$12.90
WI JHWBD-1228	7/8	\$14.37
WI JHWBD-1230	15/16	\$16.07
WI JHWBD-1232	1	\$17.61



SAE

3/8" Drive, 6 Point Shallow Metric Sockets

Part#	Size	Price
WI JHWBM-608	8	\$6.78
WI JHWBM-609	9	\$6.90
WI JHWBM-610	10	\$6.90
WI JHWBM-611	11	\$6.96

Part#	Size	Price
WI JHWBM-612	12	\$6.96
WI JHWBM-613	13	\$6.96
WI JHWBM-614	14	\$7.38
WI JHWBM-615	15	\$7.38

Part#	Size	Price
WI JHWBM-616	16	\$7.38
WI JHWBM-617	17	\$7.38
WI JHWBM-618	18	\$7.38
WI JHWBM-619	19	\$7.71



MM

3/8" Drive, 12 Point Shallow Metric Sockets

Part#	Size	Price
WI JHWBM-1208	8	\$6.78
WI JHWBM-1209	9	\$6.90
WI JHWBM-1210	10	\$6.90
WI JHWBM-1211	11	\$6.96

Part#	Size	Price
WI JHWBM-1212	12	\$6.96
WI JHWBM-1213	13	\$6.96
WI JHWBM-1214	14	\$7.38
WI JHWBM-1215	15	\$7.38

Part#	Size	Price
WI JHWBM-1216	16	\$7.38
WI JHWBM-1217	17	\$7.38
WI JHWBM-1218	18	\$7.38
WI JHWBM-1219	19	\$7.71



MM

3/8" Drive, 6 Point Deep Metric Sockets

Part#	Size	Price
WI JHWBMD-608	8	\$9.01
WI JHWBMD-609	9	\$9.12
WI JHWBMD-610	10	\$9.12
WI JHWBMD-611	11	\$9.12

Part#	Size	Price
WI JHWBMD-612	12	\$9.12
WI JHWBMD-613	13	\$9.12
WI JHWBMD-614	14	\$9.73
WI JHWBMD-615	15	\$9.73

Part#	Size	Price
WI JHWBMD-616	16	\$9.78
WI JHWBMD-617	17	\$9.90
WI JHWBMD-618	18	\$10.62
WI JHWBMD-619	19	\$11.14



MM

3/8" Sockets & Accessories



3/8" Drive, Shallow Length Fractional Impact Sockets

Part#	Size	Price	Part#	Size	Price	Part#	Size	Price
WI JHW2-610	5/16	\$5.92	WI JHW2-616	1/2	\$6.30	WI JHW2-622	11/16	\$6.90
WI JHW2-612	3/8	\$6.10	WI JHW2-618	9/16	\$6.45	WI JHW2-624	3/4	\$7.10
WI JHW2-614	7/16	\$6.10	WI JHW2-620	5/8	\$6.61			



SAE

3/8" Drive, Deep Length Fractional Impact Sockets

Part#	Size	Price	Part#	Size	Price	Part#	Size	Price
WI JHW12-	5/16	\$7.33	WI JHW12-616	1/2	\$7.74	WI JHW12-622	11/16	\$8.53
WI JHW12-	3/8	\$7.41	WI JHW12-618	9/16	\$7.95	WI JHW12-624	3/4	\$8.78
WI JHW12-	7/16	\$7.50	WI JHW12-620	5/8	\$8.19			



SAE

3/8" Drive, Shallow Length Metric Impact Sockets

Part#	Size	Price	Part#	Size	Price	Part#	Size	Price
WI JHW2M-607	7	\$6.90	WI JHW2M-611	11	\$7.06	WI JHW2M-615	15	\$7.17
WI JHW2M-608	8	\$6.90	WI JHW2M-612	12	\$6.96	WI JHW2M-616	16	\$7.33
WI JHW2M-609	9	\$6.96	WI JHW2M-613	13	\$6.96	WI JHW2M-617	17	\$7.95
WI JHW2M-610	10	\$6.96	WI JHW2M-614	14	\$7.06	WI JHW2M-618	18	\$7.95
						WI JHW2M-619	19	\$7.95



3/8" Drive, Deep Length Metric Impact Sockets

Part#	Size	Price	Part#	Size	Price	Part#	Size	Price
WI JHW12M-607	7	\$8.06	WI JHW12M-612	12	\$8.67	WI JHW12M-617	17	\$9.28
WI JHW12M-608	8	\$8.46	WI JHW12M-613	13	\$8.67	WI JHW12M-618	18	\$9.28
WI JHW12M-609	9	\$8.53	WI JHW12M-614	14	\$8.70	WI JHW12M-619	19	\$9.60
WI JHW12M-610	10	\$8.58	WI JHW12M-615	15	\$8.70			
WI JHW12M-611	11	\$8.64	WI JHW12M-616	16	\$9.01			



3/8" Drive, TURBOSOCKET® Fractional Salvage Sockets

Part#	Size	Price	Part#	Size	Price	Part#	Size	Price
WI JHWTS38375	3/8	\$25.61	WI JHWTS38500	1/2	\$26.90	WI JHWTS38625	5/8	\$29.54
WI JHWTS38437	7/16	\$26.15	WI JHWTS38562	9/16	\$28.22	WI JHWTS38687	11/16	\$29.45
						WI JHWTS38750	3/4	\$30.71



SAE



SAE

3/8" Drive, Spark Plug Socket, 6 Pt

Part#	Size	Price
WI JHW31301	5/8	\$7.95
WI JHW31303	13/16	\$9.39



Enclosed Head Ratchet

Part#	Size	Price
WI JHWB-52EHA	8"	\$44.88
WI JHWB-52EHLA	10-1/4"	\$53.00



Flex Handle

Part#	Size	Price
WI JHWB-40B	8-9/16"	\$29.88



Universal Joint

Part#	Price
WI JHWB-140A	\$23.79



Enclosed Head FLEX HEAD Ratchet

Part#	Size	Price
WI JHWB-52EHFB	9-11/16" Flex	\$71.00



Drive Extensions

Part#	Size	Price
WI JHWB-108	3"	\$11.34
WI JHWB-110	6"	\$14.50
WI JHWB-115	11"	\$17.19
WI JHWB-118	18"	\$29.91



Impact Extensions

Part#	Size	Price
WI JHW2-103A	3"	\$13.95
WI JHW2-106A	6"	\$16.49



Adapters

See Page 27

1/2" Sockets & Accessories

WILLIAMS



Sockets

WILLIAMS

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

(Set Includes entire listing below)

Part# WI JHWWSS-38FTB = \$677.00

(Packaged in Keep Safe Foam inside Metal Tool Box)

Part# WI JHWWSS-38F = \$649.00

(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



SAE

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

(Set Includes entire listing below)

Part# WI JHWWSS-30FTB = \$518.00

(Packaged in Keep Safe Foam inside Metal Tool Box)

Part# WI JHWWSS-30F = \$463.00

(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



SAE

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

(Set Includes entire listing below)

Part# WI JHWWSS18HFTB = \$316.00

(Packaged in Keep Safe Foam inside Metal Tool Box)

Part# WI JHWWSS-18HF = \$302.00

(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



SAE

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

(Set Includes entire listing below)

Part# WI JHWMSS-33FTB = \$545.00

(Packaged in Keep Safe Foam inside Metal Tool Box)

Part# WI JHWMSS-33F = \$487.00 (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



MM

1/2" Sockets & Accessories



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

(Set Includes entire listing below) Part# WI JHWWSS-14HRC = \$139.00

- 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"



SAE

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

(Set Includes entire listing below) Part# WI JHWWSS-15RC = \$144.00

- 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"



SAE

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

(Set Includes entire listing below) Part# WI JHWWSSD11HRC = \$160.00

- 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"



SAE

11 Pc, 1/2" Drive, 12 Point Deep Fractional Socket Set

(Set Includes entire listing below) Part# WI JHWWSSD-11RC = \$160.00

- 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"



SAE

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

(Set Includes entire listing below) Part# WI JHWMSS-15RC = \$133.00

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



MM

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

(Set Includes entire listing below) Part# WI JHWMSSD-12RC = \$180.00

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



MM

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

(Set Includes entire listing below) Part# WI JHWWSS-4-14 = \$137.00

- 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"



SAE

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

(Set Includes entire listing below) Part# WI JHWWSS1414RC = \$196.00

- 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"



SAE

1/2" Sockets & Accessories



Sockets

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

(Set Includes entire listing below) Part# WI JHWWWS-1419RC = \$336.00

- 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"



SAE

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

(Set Includes entire listing below) Part# WI JHWMS-4-16RC = \$137.00

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



MM

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

(Set Includes entire listing below) Part# WI JHWMS-1416RC = \$214.00

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



MM

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

(Set Includes entire listing below) Part# WI JHWTSFS5005 = \$138.00

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



SAE

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

(Set Includes entire listing below) Part# WI JHWTSMS5107 = \$187.00

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



MM

1/2" Drive, 6 Point Shallow Fractional Sockets

Part#	Size	Price	Part#	Size	Price	Part#	Size	Price
WI JHWST-612	3/8	\$8.43	WI JHWST-622	11/16	\$9.60	WI JHWST-632	1	\$12.58
WI JHWST-614	7/16	\$8.40	WI JHWST-624	3/4	\$9.63	WI JHWST-634	1-1/16	\$13.20
WI JHWST-616	1/2	\$8.46	WI JHWST-626	13/16	\$11.04	WI JHWST-636	1-1/8	\$15.76
WI JHWST-618	9/16	\$8.53	WI JHWST-628	7/8	\$11.04	WI JHWST-640	1-1/4	\$16.77
WI JHWST-620	5/8	\$8.67	WI JHWST-630	15/16	\$11.14			



SAE

1/2" Drive, 12 Point Shallow Fractional Sockets

Part#	Size	Price	Part#	Size	Price	Part#	Size	Price
WI JHWST-1212	3/8	\$8.40	WI JHWST-1222	11/16	\$9.60	WI JHWST-1232	1	\$12.61
WI JHWST-1214	7/16	\$8.40	WI JHWST-1224	3/4	\$9.63	WI JHWST-1234	1-1/16	\$13.20
WI JHWST-1216	1/2	\$8.46	WI JHWST-1226	13/16	\$11.04	WI JHWST-1236	1-1/8	\$15.76
WI JHWST-1218	9/16	\$8.50	WI JHWST-1228	7/8	\$11.04	WI JHWST-1240	1-1/4	\$16.77
WI JHWST-1220	5/8	\$8.67	WI JHWST-1230	15/16	\$11.14			



SAE

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

Part#	Size	Price	Part#	Size	Price	Part#	Size	Price
WI JHWSD-616	1/2	\$14.94	WI JHWSD-624	3/4	\$15.00	WI JHWSD-632	1	\$18.51
WI JHWSD-618	9/16	\$15.04	WI JHWSD-626	13/16	\$15.11	WI JHWSD-634	1-1/16	\$19.38
WI JHWSD-620	5/8	\$15.22	WI JHWSD-628	7/8	\$16.38	WI JHWSD-636	1-1/8	\$20.15
WI JHWSD-622	11/16	\$15.25	WI JHWSD-630	15/16	\$17.06			



SAE

1/2" Sockets & Accessories



1/2" Drive, 12 Point Deep Fractional Sockets

Part#	Size	Price	Part#	Size	Price	Part#	Size	Price
WI JHWSMD-1216	1/2	\$14.80	WI JHWSMD-1224	3/4	\$15.00	WI JHWSMD-1232	1	\$18.51
WI JHWSMD-1218	9/16	\$15.04	WI JHWSMD-1226	13/16	\$15.11	WI JHWSMD-1234	1-1/16	\$19.38
WI JHWSMD-1220	5/8	\$15.22	WI JHWSMD-1228	7/8	\$16.38	WI JHWSMD-1236	1-1/8	\$20.15
WI JHWSMD-1222	11/16	\$15.25	WI JHWSMD-1230	15/16	\$17.06			



SAE

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

Part#	Size	Price	Part#	Size	Price	Part#	Size	Price
WI JHWSTM-1210	10	\$8.50	WI JHWSTM-1215	15	\$8.70	WI JHWSTM-1220	20	\$10.96
WI JHWSTM-1211	11	\$8.53	WI JHWSTM-1216	16	\$8.78	WI JHWSTM-1221	21	\$11.41
WI JHWSTM-1212	12	\$8.53	WI JHWSTM-1217	17	\$9.33	WI JHWSTM-1222	22	\$11.41
WI JHWSTM-1213	13	\$8.53	WI JHWSTM-1218	18	\$9.78	WI JHWSTM-1223	23	\$11.44
WI JHWSTM-1214	14	\$8.70	WI JHWSTM-1219	19	\$9.78	WI JHWSTM-1224	24	\$11.41



MM

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

Part#	Size	Price	Part#	Size	Price	Part#	Size	Price
WI JHWSMD-1213	13	\$15.49	WI JHWSMD-1217	17	\$15.11	WI JHWSMD-1222	22	\$17.81
WI JHWSMD-1214	14	\$15.55	WI JHWSMD-1218	18	\$15.11	WI JHWSMD-1224	24	\$19.02
WI JHWSMD-1215	15	\$15.76	WI JHWSMD-1219	19	\$15.11	WI JHWSMD-1227	27	\$20.15
WI JHWSMD-1216	16	\$15.11	WI JHWSMD-1221	21	\$16.91	WI JHWSMD-1230	30	\$21.66



MM

1/2" Drive, Shallow Length Fractional Impact Sockets

Part#	Size	Price	Part#	Size	Price	Part#	Size	Price
WI JHW4-612	3/8	\$7.10	WI JHW4-622	11/16	\$8.82	WI JHW4-632	1	\$12.78
WI JHW4-614	7/16	\$7.23	WI JHW4-624	3/4	\$8.82	WI JHW4-634	1-1/16	\$15.94
WI JHW4-616	1/2	\$7.33	WI JHW4-626	13/16	\$10.69	WI JHW4-636	1-1/8	\$15.00
WI JHW4-618	9/16	\$7.33	WI JHW4-628	7/8	\$10.90	WI JHW4-640	1-1/4	\$17.73
WI JHW4-620	5/8	\$7.81	WI JHW4-630	15/16	\$12.18			



SAE

1/2" Drive, Deep Length Fractional Impact Sockets

Part#	Size	Price	Part#	Size	Price	Part#	Size	Price
WI JHW14-612	3/8	\$12.58	WI JHW14-624	3/4	\$14.02	WI JHW14-636	1-1/8	\$24.48
WI JHW14-614	7/16	\$12.58	WI JHW14-626	13/16	\$14.02	WI JHW14-640	1-1/4	\$26.73
WI JHW14-616	1/2	\$12.58	WI JHW14-628	7/8	\$15.62	WI JHW14-642	1-5/16	\$29.54
WI JHW14-618	9/16	\$12.93	WI JHW14-630	15/16	\$15.62	WI JHW14-644	1-3/8	\$31.47
WI JHW14-620	5/8	\$12.93	WI JHW14-632	1	\$17.81	WI JHW14-646	1-7/16	\$31.80
WI JHW14-622	11/16	\$12.93	WI JHW14-634	1-1/16	\$20.34	WI JHW14-648	1-1/2	\$33.64



SAE

1/2" Drive, Shallow Length Metric Impact Sockets

Part#	Size	Price	Part#	Size	Price	Part#	Size	Price
WI JHW4M-610	10	\$7.81	WI JHW4M-616	16	\$8.50	WI JHW4M-623	23	\$12.90
WI JHW4M-611	11	\$7.92	WI JHW4M-618	18	\$8.70	WI JHW4M-624	24	\$13.50
WI JHW4M-612	12	\$7.98	WI JHW4M-619	19	\$10.03	WI JHW4M-625	25	\$15.92
WI JHW4M-613	13	\$8.06	WI JHW4M-620	20	\$10.62	WI JHW4M-626	26	\$15.92
WI JHW4M-614	14	\$8.16	WI JHW4M-621	21	\$11.17	WI JHW4M-627	27	\$16.52
WI JHW4M-615	15	\$8.32	WI JHW4M-622	22	\$12.54			



MM

1/2" Sockets & Accessories



Sockets



1/2" Drive, Deep Length Metric Impact Sockets

Part#	Size	Price	Part#	Size	Price	Part#	Size	Price
WI JHW14M-610	10	\$13.54	WI JHW14M-616	16	\$14.16	WI JHW14M-621	21	\$16.71
WI JHW14M-611	11	\$13.54	WI JHW14M-617	17	\$14.74	WI JHW14M-622	22	\$16.88
WI JHW14M-612	12	\$13.62	WI JHW14M-618	18	\$14.94	WI JHW14M-623	23	\$17.70
WI JHW14M-613	13	\$13.62	WI JHW14M-619	19	\$15.22	WI JHW14M-624	24	\$18.38
WI JHW14M-614	14	\$13.95	WI JHW14M-620	20	\$15.76	WI JHW14M-627	27	\$20.88
WI JHW14M-615	15	\$14.16						



1/2" Drive, TURBOSOCKET® Fractional Salvage Sockets

Part#	Size	Price	Part#	Size	Price
WI JHWTS50750	3/4	\$30.91	WI JHWTS50937	15/16	\$33.26
WI JHWTS50812	13/16	\$31.80	WI JHWTS50100	1	\$33.97
WI JHWTS50875	7/8	\$32.55			



1/2" Drive, TURBOSOCKET® Metric Salvage Sockets

Part#	Size	Price	Part#	Size	Price	Part#	Size	Price
WI JHWTS51551	14	\$29.45	WI JHWTS51669	17	\$31.47	WI JHWTS51750	19 (3/4")	\$32.55
WI JHWTS51591	15	\$30.19	WI JHWTS51709	18	\$32.36	WI JHWTS51827	21	\$33.64
WI JHWTS51625	16 (5/8")	\$30.91						



Enclosed Head Ratchets

Part#	Size	Price
WI JHWS-52EHA	10-1/4"	\$67.00
WI JHWS-52EHLA	15"	\$74.00



Universal Joint

Part#	Price
WI JHWS-140A	\$29.34



Drive Extensions

Part#	Size	Price
WI JHWS-102P	2"	\$13.26
WI JHWS-110P	5-1/2"	\$16.23
WI JHWS-115P	10"	\$20.88



Flex Head Ratchets

Part#	Size	Price
WI JHWS-52EHFA	14.25"	\$91.00



Flex Handles

Part#	Size	Price
WI JHWS-40AA	12"	\$48.17
WI JHWS-41AA	17"	\$55.00



Impact Extensions

Part#	Size	Price
WI JHW4-102	3-1/2"	\$14.61
WI JHW4-105A	5"	\$16.83
WI JHW4-110A	10"	\$19.92



Adapters See Page 27

3/4" Sockets & Accessories



SAE

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

(Set Includes entire listing below)

Part# WI JHWWSH-29TB = \$1,277.00

- 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# WI JHWWS-6-18TB = \$612.00

- 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
WI JHWH-1228	7/8	\$20.15	WI JHWH-1240	1-1/4	\$22.40	WI JHWH-1252	1-5/8	\$36.34	WI JHWH-1268	2-1/8	\$62.00
WI JHWH-1230	15/16	\$20.15	WI JHWH-1242	1-5/16	\$25.38	WI JHWH-1254	1-11/16	\$39.63	WI JHWH-1270	2-3/16	\$66.00
WI JHWH-1232	1	\$19.92	WI JHWH-1244	1-3/8	\$28.76	WI JHWH-1256	1-3/4	\$42.33	WI JHWH-1272	2-1/4	\$80.00
WI JHWH-1234	1-1/16	\$20.15	WI JHWH-1246	1-7/16	\$29.29	WI JHWH-1258	1-13/16	\$44.88	WI JHWH-1276	2-3/8	\$90.00
WI JHWH-1236	1-1/8	\$20.51	WI JHWH-1248	1-1/2	\$30.91	WI JHWH-1260	1-7/8	\$47.95			
WI JHWH-1238	1-3/16	\$20.69	WI JHWH-1250	1-9/16	\$35.63	WI JHWH-1264	2	\$52.00			

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



SAE

Part#	Size	Price	Part#	Size	Price	Part#	Size	Price	Part#	Size	Price
WI JHW6-628A	7/8	\$19.77	WI JHW6-636	1-1/8	\$23.13	WI JHW6-644	1-3/8	\$27.29	WI JHW6-656	1-3/4	\$35.47
WI JHW6-630A	15/16	\$19.77	WI JHW6-638	1-3/16	\$24.26	WI JHW6-646	1-7/16	\$28.59	WI JHW6-658	1-13/16	\$36.00
WI JHW6-632A	1	\$20.15	WI JHW6-640	1-1/4	\$24.26	WI JHW6-648	1-1/2	\$28.59	WI JHW6-660	1-7/8	\$36.71
WI JHW6-634A	1-1/16	\$22.23	WI JHW6-642	1-5/16	\$26.51	WI JHW6-652	1-5/8	\$34.16	WI JHW6-664	2	\$40.15

3/4" Sockets & Accessories

WILLIAMS



USA
Made in U.S.A.



Flex Handle

Part#	Size	Price
WI JHWH-41AA	22"	\$124.00



Reversible Ratchet

Part#	Size	Price
WI JHWH-51B	20"	\$155.00



Drive Extensions

Part#	Size	Price
WI JHWH-104	3"	\$31.28
WI JHWH-110	8"	\$56.00
WI JHWH-115	16"	\$73.00



Universal Joint

Part#	Price
WI JHWH-140A	\$81.00



Impact Extension

Part#	Size	Price
WI JHW6-107	7"	\$71.00



Impact Universal Joint

Part#	Price
WI JHW6-140B	\$97.00



Adapters See Page 27

1" Sockets & Accessories

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

SAE

(Set Includes entire listing below)

Part# WI JHWSX-21TB = \$2,142.00

- 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

SAE

(Set Includes entire listing below)

Part# WI JHWS-7-19TB = \$2,061.00

- 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

1"

Sockets & Accessories



1" Drive, 12 Point Shallow Length Fractional Chrome Sockets

Part#	Size	Price
WI JHWX-1248	1-1/2	\$42.33
WI JHWX-1252	1-5/8	\$44.88
WI JHWX-1258	1-13/16	\$56.00
WI JHWX-1260	1-7/8	\$65.00
WI JHWX-1264	2	\$72.00
WI JHWX-1270	2-3/16	\$92.00
WI JHWX-1272	2-1/4	\$99.00

Part#	Size	Price
WI JHWX-1276	2-3/8	\$114.00
WI JHWX-1280	2-1/2	\$128.00
WI JHWX-1282	2-9/16	\$142.00
WI JHWX-1284	2-5/8	\$144.00
WI JHWX-1288	2-3/4	\$159.00
WI JHWX-1294	2-15/16	\$182.00
WI JHWX-1296	3	\$200.00



SAE

1" Drive, 6 Point Shallow Length Fractional Impact Sockets

Part#	Size	Price
WI JHW7-648	1-1/2	\$61.00
WI JHW7-652	1-5/8	\$61.00
WI JHW7-656	1-3/4	\$62.00
WI JHW7-660	1-7/8	\$62.00
WI JHW7-664	2	\$62.00
WI JHW7-668	2-1/8	\$69.00
WI JHW7-672	2-1/4	\$72.00
WI JHW7-676	2-3/8	\$94.00
WI JHW7-680	2-1/2	\$113.00

Part#	Size	Price
WI JHW7-682	2-9/16	\$118.00
WI JHW7-684	2-5/8	\$126.00
WI JHW7-688	2-3/4	\$134.00
WI JHW7-692	2-7/8	\$142.00
WI JHW7-696	3	\$171.00
WI JHW7-6100	3-1/8	\$181.00
WI JHW7-6104	3-1/4	\$186.00
WI JHW7-6112	3-1/2	\$229.00



SAE



Flex Handle

Part#	Size	Price
WI JHWX-41C	34"	\$204.00



Reversible Ratchet

Part#	Size	Price
WI JHWX-51B	20"	\$248.00



Drive Extensions

Part#	Size	Price
WI JHWX-110	9"	\$67.00
WI JHWX-115	17"	\$115.00



Impact Extension

Part#	Size	Price
WI JHW7-107	7"	\$118.00



Impact Universal Joint

Part#	Price
WI JHW7-140B	\$143.00



Adapters See Page 27

Hand and Impact Drive Adapters



6 Pc, 3/8" Drive Fractional Adapter Set

(Set Includes entire listing below)

Part# WI JHWWSB-6ADPA = \$92.00

- 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
WI JHWMB-130	1/4" Drive 1/4" Female x 3/8" Male	\$8.58
WI JHWMB-131BA	1/4" Drive 1/4" Male x 3/8" Female	\$9.81
WI JHWBS-130	3/8" Drive 1/2" Male x 3/8" Female	\$8.16

Part#	Size	Price
WI JHWSH-130	1/2" Drive 1/2" Female x 3/4" Male	\$13.81
WI JHWSH-131BF	1/2" Drive 3/4" Female x 1/2" Male	\$19.22
WI JHWHNX-130	3/4" Drive 3/4" Female x 1" Male	\$30.38
WI JHWHNX-131	3/4" Drive 3/4" Male x 1" Female	\$44.36



Impact Drive Adapters

Part#	Size	Price
WI JHW2-4A	3/8" Drive 3/8" Female x 1/2" Male	\$10.29
WI JHW4-2F	1/2" Drive 1/2" Female x 3/8" Male	\$13.50
WI JHW4-6	1/2" Drive 1/2" Female x 3/4" Male	\$20.51
WI JHW6-4A	3/4" Drive 3/4" Female x 1/2" Male	\$29.18

Part#	Size	Price
WI JHW7-6	1" Drive 1" Female x 3/4" Male	\$46.68
WI JHW7-8	1" Drive 1-1/2" Male x 1" Female	\$79.00
WI JHW8-7	1-1/2" Drive 1" Male x 1-1/2" Female	\$148.00

Adjustable Wrenches



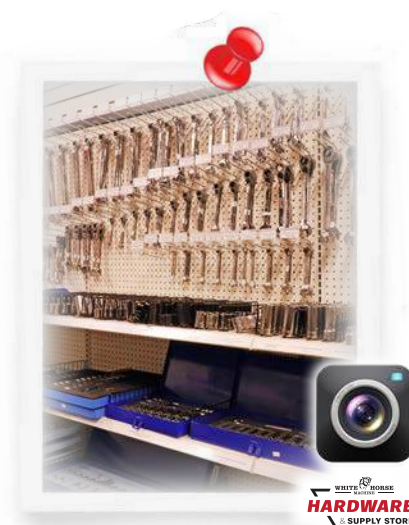
Made in Spain



Big Mouth Adjustable Wrenches

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

Part#	Size	Max Jaw Opening	Price
WI BAH9029RUS	6"	1-1/4"	\$32.02
WI BAH9031RUS	8"	1-1/2"	\$30.78
WI BAH9033RUS	10"	1-3/4"	\$71.00
WI BAH9035RUS	12"	2-3/16"	\$83.00





Crowfoot Wrenches

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

(Set Includes entire listing below)

Part# WI JHWWSBCE-10 = \$249.00

• 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# WI JHWWSBCEM-10 = \$235.00

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



MM

3/8" Drive, Open End Fractional Crowfoot Wrenches

Part#	Size	Price
WI JHWBCO12	3/8	\$25.04
WI JHWBCO14	7/16	\$25.04
WI JHWBCO16	1/2	\$25.38
WI JHWBCO18	9/16	\$25.38
WI JHWBCO20	5/8	\$26.15

Part#	Size	Price
WI JHWBCO22	11/16	\$27.86
WI JHWBCO24	3/4	\$28.02
WI JHWBCO26	13/16	\$28.40
WI JHWBCO28	7/8	\$28.59
WI JHWBCO32	1	\$30.00



SAE

3/8" Drive, Open End Metric Crowfoot Wrenches

Part#	Size	Price
WI JHWBCOM10	10	\$25.04
WI JHWBCOM11	11	\$25.19
WI JHWBCOM12	12	\$25.38
WI JHWBCOM13	13	\$25.61
WI JHWBCOM14	14	\$25.77

Part#	Size	Price
WI JHWBCOM15	15	\$26.15
WI JHWBCOM16	16	\$26.15
WI JHWBCOM17	17	\$26.31
WI JHWBCOM18	18	\$27.86
WI JHWBCOM19	19	\$27.86



MM

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

(Set Includes entire listing below)

Part# WI JHWWSSCOE-7 = \$296.00

• 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
WI JHWSOE30	15/16	\$33.64
WI JHWSOE32	1	\$35.06
WI JHWSOE34	1-1/16	\$39.25
WI JHWSOE36	1-1/8"	\$42.89

Part#	Size	Price
WI JHWSOE40	1-1/4	\$45.63
WI JHWSOE46	1-7/16	\$60.00
WI JHWSOE48	1-1/2	\$61.00



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# WI JHWWS-1171SCA = \$254.00

- 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# WI JHWWS-1172SCA = \$423.00

- 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# WI JHWWS-1174TA = \$1,059.00

- 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"



SAE

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

(Set Includes entire listing below)

Part# WI JHWWS-1175 = \$1,353.00

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



SAE



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

(Set Includes entire listing below)

Part# WI JHWMWS-18A = \$426.00

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



MM

27 Pc Set - 12 Point Metric SUPERCOMBO® (Chrome)

(Set Includes entire listing below)

Part# WI JHWMWS-27TA = \$860.00

- 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





Standard Wrenches

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

(Set Includes entire listing below)

Part# WI JHWFWS1190SCA1 = \$224.00

- 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# WI JHWFWS1190SCA2 = \$612.00

- 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"



Call for Freight Price

SAE

7 Pc Set - 12 Point Stubby Fractional (Chrome)

(Set Includes entire listing below)

Part# WI JHW11030 = \$38.73

- 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# WI JHWMWS-MS10 = \$173.00

- 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# WI JHWF3782 = \$332.00

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



SAE

Ratcheting Wrenches



8 Pc Set 12 Point Fractional Reversible Ratcheting Wrench

(Set Includes entire listing below)

Part# WI JHWWS-1168RC = \$155.00

- 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# WI JHWWS-1164RC = \$133.00

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



SAE

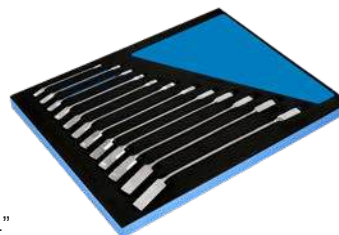
Made in Taiwan

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

(Set Includes entire listing below)

Part# WI JHWFWS-1152RC = \$348.00

- 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# WI JHWWS1168RCF = \$180.00

- 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# WI JHWFWS1168RCF = \$230.00

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



SAE

Made in Taiwan

Wrenches

WILLIAMS



Ratcheting Wrenches

12 Pc Set - 12 Point Metric Reversible Ratcheting Wrench Set

(Set Includes entire listing below)

Part# WI JHWMWS-12RC = \$225.00

• 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

(Set Includes entire listing below)

Part# WI JHWMWS-4RC = \$142.00 • Metric Sizes: 21, 22, 24, 25mm



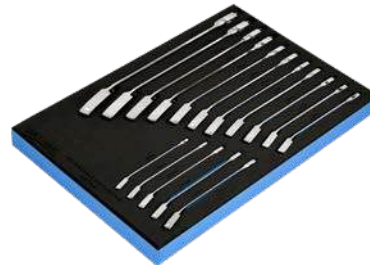
Made in Taiwan

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

(Set Includes entire listing below)

Part# WI JHWMWS-16RC = \$425.00

• 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

(Set Includes entire listing below)

Part# WI JHWMWS-12RCF = \$267.00

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



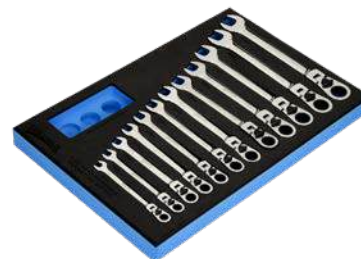
Made in Taiwan

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

(Set Includes entire listing below)

Part# WI JHWMWS-12RCF = \$316.00

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



Made in Taiwan



Ratcheting Wrenches

8 Pc Set - 12 Point Fractional Stubby Reversible Ratcheting Combo Wrench Set

(Set Includes entire listing below)

Part# WI JHWWS-1168RCS = \$142.00

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



12 Pc Set - 12 Point Metric Stubby Reversible Ratcheting Combo Wrench Set

(Set Includes entire listing below)

Part# WI JHWMWS-12RCS = \$186.00

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



12 Pt Fractional Reversible Ratcheting Wrenches



Part#	Size	Price	Part#	Size	Price
WI JHW1210RC	5/16"	\$19.38	WI JHW1222RC	11/16"	\$26.51
WI JHW1212RC	3/8"	\$20.82	WI JHW1224RC	3/4"	\$28.59
WI JHW1214RC	7/16"	\$20.34	WI JHW1226RC	13/16"	\$33.26
WI JHW1216RC	1/2"	\$23.19	WI JHW1228RC	7/8"	\$36.84
WI JHW1218RC	9/16"	\$24.77	WI JHW1230RC	15/16"	\$41.04
WI JHW1220RC	5/8"	\$25.61	WI JHW1232RC	1"	\$43.11

12 Pt Metric Reversible Ratcheting Wrenches



Part#	Size	Price	Part#	Size	Price
WI JHW1208MRC	8	\$20.24	WI JHW1216MRC	16	\$26.73
WI JHW1209MRC	9	\$20.24	WI JHW1217MRC	17	\$27.72
WI JHW1210MRC	10	\$19.92	WI JHW1218MRC	18	\$28.70
WI JHW1211MRC	11	\$20.34	WI JHW1219MRC	19	\$28.59
WI JHW1212MRC	12	\$21.81	WI JHW1221MRC	21	\$34.76
WI JHW1213MRC	13	\$23.19	WI JHW1222MRC	22	\$36.84
WI JHW1214MRC	14	\$24.77	WI JHW1224MRC	24	\$41.04
WI JHW1215MRC	15	\$24.06	WI JHW1225MRC	25	\$41.25

Made in Taiwan



12 Pt Fractional Flex Head Reversible Ratcheting Wrenches



Part#	Size	Price	Part#	Size	Price
WI JHW1210RCF	5/16"	\$20.34	WI JHW1218RCF	9/16"	\$27.51
WI JHW1212RCF	3/8"	\$20.34	WI JHW1220RCF	5/8"	\$28.40
WI JHW1214RCF	7/16"	\$21.62	WI JHW1222RCF	11/16"	\$29.29
WI JHW1216RCF	1/2"	\$25.77	WI JHW1224RCF	3/4"	\$31.80

Made in Taiwan



12 Pt Metric Flex Head Reversible Ratcheting Wrenches

Part#	Size	Price	Part#	Size	Price
WI JHW1208MRCF	8	\$20.34	WI JHW1214MRCF	14	\$26.31
WI JHW1209MRCF	9	\$20.34	WI JHW1215MRCF	15	\$26.73
WI JHW1210MRCF	10	\$20.34	WI JHW1216MRCF	16	\$28.40
WI JHW1211MRCF	11	\$20.69	WI JHW1217MRCF	17	\$29.29
WI JHW1212MRCF	12	\$22.23	WI JHW1218MRCF	18	\$31.09
WI JHW1213MRCF	13	\$24.65	WI JHW1219MRCF	19	\$31.80



4-Pc Ratcheting Adapter Set

Part# WI JHWWS4RWA = \$61.00

- 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



Ratcheting Wrenches

12 Pt Fractional Stubby Reversible Ratcheting Combination Wrenches (High Polish)



SAE

Part#	Size	Price	Part#	Size	Price
WI JHW1210RCS	5/16"	\$15.52	WI JHW1218RCS	9/16"	\$19.86
WI JHW1212RCS	3/8"	\$15.52	WI JHW1220RCS	5/8"	\$20.51
WI JHW1214RCS	7/16"	\$15.81	WI JHW1222RCS	11/16"	\$21.47
WI JHW1216RCS	1/2"	\$18.66	WI JHW1224RCS	3/4"	\$23.90

12 Pt Metric Stubby Reversible Ratcheting Combination Wrenches (High Polish)



Part#	Size	Price	Part#	Size	Price
WI JHW1208MRCS	8	\$15.52	WI JHW1214MRCS	14	\$19.02
WI JHW1209MRCS	9	\$15.52	WI JHW1215MRCS	15	\$20.24
WI JHW1210MRCS	10	\$15.20	WI JHW1216MRCS	16	\$21.44
WI JHW1211MRCS	11	\$15.14	WI JHW1217MRCS	17	\$22.43
WI JHW1212MRCS	12	\$16.23	WI JHW1218MRCS	18	\$24.36
WI JHW1213MRCS	13	\$18.66	WI JHW1219MRCS	19	\$24.96

Standard Wrenches



12 Pt Fractional Wrenches (Satin)

SAE

Part#	Size	Price
WI JHW1208SC	1/4"	\$14.61
WI JHW1210SC	5/16"	\$14.61
WI JHW1212SC	3/8"	\$15.52
WI JHW1214SC	7/16"	\$15.14
WI JHW1216SC	1/2"	\$16.01
WI JHW1218SC	9/16"	\$17.73
WI JHW1220SC	5/8"	\$19.92
WI JHW1222SC	11/16"	\$21.47
WI JHW1224SC	3/4"	\$23.90
WI JHW1226SC	13/16"	\$25.61
WI JHW1228SC	7/8"	\$29.29
WI JHW1230SC	15/16"	\$32.18
WI JHW1232SC	1"	\$38.73
WI JHW1234SC	1-1/16"	\$45.99
WI JHW1236SC	1-1/8"	\$54.00
WI JHW1240SC	1-1/4"	\$63.00
WI JHW1242	1-5/16"	\$70.00
WI JHW1244	1-3/8"	\$77.00
WI JHW1246	1-7/16"	\$85.00
WI JHW1248	1-1/2"	\$99.00
WI JHW1180	1-5/8"	\$111.00
WI JHW1182	1-11/16"	\$123.00
WI JHW1184	1-3/4"	\$134.00
WI JHW1186	1-13/16"	\$141.00
WI JHW1188	1-7/8"	\$152.00
WI JHW1190	2"	\$169.00
WI JHW1191	2-1/16"	\$189.00
WI JHW1192	2-1/8"	\$214.00
WI JHW1193	2-3/16"	\$227.00
WI JHW1194	2-1/4"	\$231.00
WI JHW1195	2-3/8"	\$292.00
WI JHW1197	2-1/2"	\$306.00



12 Pt Metric Wrenches (Chrome)



Part#	Size	Price
WI JHW1206MSC	6	\$17.28
WI JHW1207MSC	7	\$17.48
WI JHW1208MSC	8	\$16.77
WI JHW1209MSC	9	\$16.32
WI JHW1210MSC	10	\$16.26
WI JHW1211MSC	11	\$16.55
WI JHW1212MSC	12	\$17.25
WI JHW1213MSC	13	\$18.15
WI JHW1214MSC	14	\$19.02
WI JHW1215MSC	15	\$20.51
WI JHW1216MSC	16	\$21.66
WI JHW1217MSC	17	\$23.90
WI JHW1218MSC	18	\$24.84
WI JHW1219MSC	19	\$25.97
WI JHW1220MSC	20	\$28.02
WI JHW1221MSC	21	\$31.80
WI JHW1222MSC	22	\$33.64
WI JHW1223MSC	23	\$35.47
WI JHW1224MSC	24	\$39.08
WI JHW1225MSC	25	\$42.89
WI JHW1226MSC	26	\$44.69
WI JHW1227MSC	27	\$52.00
WI JHW1229MSC	29	\$57.00
WI JHW1230MSC	30	\$59.00
WI JHW1232MSC	32	\$68.00
WI JHW1234MSC	34	\$71.00
WI JHW1236MSC	36	\$89.00



12 Pt Stubby Metric Wrenches (Chrome)



Part#	Size	Price
WI JHW1208M	8	\$15.68
WI JHW1209M	9	\$15.84
WI JHW1210M	10	\$15.84
WI JHW1211M	11	\$16.71
WI JHW1212M	12	\$16.71
WI JHW1213M	13	\$16.71
WI JHW1214M	14	\$18.71
WI JHW1215M	15	\$18.71
WI JHW1217M	17	\$23.13
WI JHW1219M	19	\$28.76



Made in Taiwan



12 Pt Stubby Fractional Wrenches (Chrome)

Part#	Size	Price
WI JHW11312	3/8"	\$5.58
WI JHW11314	7/16"	\$5.82
WI JHW11316	1/2"	\$6.30
WI JHW11318	9/16"	\$6.90
WI JHW11320	5/8"	\$7.71
WI JHW11322	11/16"	\$8.22
WI JHW11324	3/4"	\$10.11

Williams® wrenches are available in sizes up to 3-1/2", in many different set configurations. Please ask a store associate for details.



Spanner Wrenches

6 Pc Set



Adjustable Pin Spanner Wrench

(Set Includes entire listing below)

Part# WI JHWWS-476 = \$289.00

- 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# WI JHWFWS-476 = \$322.00

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



Adjustable Pin Spanner Wrenches

Part#	Span Dia.	Pin Dia.	Price
WI JHW0-471	3/4" x 2"	1/8"	\$40.15
WI JHW0-471A	3/4" x 2"	3/16"	\$40.15
WI JHW0-472	1-1/4" x 3"	3/16"	\$45.44

Part#	Span Dia.	Pin Dia.	Price
WI JHW0-472A	1-1/4" x 3"	1/4"	\$45.44
WI JHW0-474	2" x 4-3/4"	1/4"	\$63.00
WI JHW0-474A	4-1/2" x 6-1/4"	3/8"	\$67.00



4 Pc Set



Adjustable Hook Spanner Wrench

(Set Includes entire listing below)

Part# WI JHWWS-474 = \$204.00

- 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# WI JHWFWS-475 = \$305.00

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



Adjustable Hook Spanner Wrenches

Part#	Span Diameter	Price
WI JHW471	3/4" x 2"	\$38.18
WI JHW472	1-1/4" x 3"	\$43.27
WI JHW474	2" x 4-3/4"	\$60.00

Part#	Span Diameter	Price
WI JHW474A	4-1/2" x 6-1/4"	\$64.00
WI JHW474B	6-1/8" x 8-3/4"	\$77.00



3 Pc Set



Adjustable Face Spanner Wrench

(Set Includes entire listing below)

Part# WI JHWWS-483 = \$150.00

- Includes Part# JHW482, JHW483, JHW484

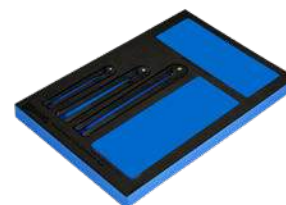


3 Pc, Adjustable Face Spanner Wrench Set in 1/3 Foam Drawer Insert

(Set Includes entire listing below)

Part# WI JHWFWS-483 = \$193.00

- Includes Part# JHW482, JHW483, JHW484



Adjustable Face Spanner Wrenches

Part#	Span Diameter	Pin Diameter	Price
WI JHW482	2"	3/16"	\$34.16
WI JHW483	3"	1/4"	\$49.98

Part#	Span Diameter	Pin Diameter	Price
WI JHW484	4"	5/16"	\$71.00

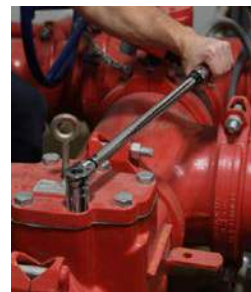




Micrometer Adjustable Torque Wrenches - Dual Scale

- Dual scale, calibrated clockwise only
- Positive lock with spring loaded pull down lock ring
- Fast, accurate and easy to set
- Easy-to-read laser marked scale
- 1/4", 3/8", 1/2" drive feature quick release buttons which provide good socket retention as well as easy socket retention
- Individually serialized with matching certificate of calibration traceable to N.I.S.T

Part#	Drive Size	Length	Torque Range	Price
WI 1501MRPHW	1/4"	15.8"	20-150 in. lb.	\$229.00
WI 2502MRPHW	3/8"	15.8"	350-250 in. lb.	\$238.00



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	Length	Torque Range	Price
WI 1002MFRPH	3/8"	15.75"	10-100 ft. lb.	\$250.00
WI 2503MFRPHW	1/2"	24.5"	30-250 ft. lb.	\$308.00
WI 6004MFRPHW	3/4"	41"	100-600 ft. lb.	\$874.00



Call for Freight Price

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
WI JHW140	8.5"	1.1875"	3/4"	\$59.00
WI JHW141	11"	1.375"	1"	\$66.00
WI JHW142	14.5"	2.0625"	1.5"	\$87.00
WI JHW143	21.5"	3.0625"	2.5"	\$161.00
WI JHW144	28.375"	4.375"	3.5"	\$226.00



Chisels & Punches

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

Part# WI JHWFPCRS-23 = \$390.00 (Set Includes entire listing below)

- 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



Screwdrivers

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

(Set Includes entire listing below)

Part# WI JHWF100P-8MD = \$139.00

- 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# WI JHW100P-19MD = \$190.00

- 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



8 Pc, Endurogrip™ Mixed Screwdriver Set

Part# WI JHW100P-8MD = \$80.00 (Set Includes entire listing below)

- 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"





6 Pc, Supertorque™ Torx® Screwdriver Set

Part# WI JHWSPRS-6T = \$77.00

(Set Includes entire listing below)

- 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



Endurogrip™ Cabinet Slotted Screwdrivers

Part#	Size	Tip	Price
WI JHWSDE-43	3"	Cabinet Slotted 3/16"	\$9.63
WI JHWSDE-46	6"	Cabinet Slotted 3/16"	\$10.11



Supertorque™ Cabinet Slotted Screwdrivers

Part#	Size	Tip	Price
WI JHWSPR-C-18-3	3"	Cabinet Slotted 1/8"	\$10.46
WI JHWSPR-C-18-4	4"	Cabinet Slotted 1/8"	\$11.25
WI JHWSPR-C-52-6	6"	Cabinet Slotted 5/32"	\$10.93



Endurogrip™ Keystone Slotted Screwdrivers

Part#	Size	Tip	Price
WI JHWSDS-62	Stubby - 1-3/4"	Keystone Slotted 1/4"	\$8.67
WI JHWSDR-22	3"	Keystone Slotted 3/16"	\$9.42
WI JHWSDR-24	4"	Keystone Slotted 1/4"	\$10.29
WI JHWSDR-26	6"	Keystone Slotted 3/16"	\$12.21
WI JHWSDR-28	8"	Keystone Slotted 3/8"	\$14.40
WI JHWSDS-33	12"	Keystone Slotted 3/8"	\$21.27



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

Part#	Size	Price
WI JHWSPR-P-0-3	#0 - 6-1/2"	\$9.18
WI JHWSPR-P-1-8	#1 - 5-11/16"	\$15.30



Endurogrip™ Phillips Screwdrivers with Round Blades

Part#	Size	Price	Part#	Size	Price
WI JHWSDP-2-ST	2 Pt - 1-1/2"	\$9.25	WI JHWSDP-2-8	2 Pt - 8"	\$15.63
WI JHWSDP-1-3	1 Pt - 3"	\$9.25	WI JHWSDP-3-6	3 Pt - 6"	\$15.49
WI JHWSDP-2-4	2 Pt - 4"	\$12.21	WI JHWSDP-4-6	4 Pt - 6"	\$17.28



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

Part#	Size	Price	Part#	Size	Price
WI JHWSPR-T-10-3	T10 x 3"	\$10.69	WI JHWSPR-T-25-5	T25 x 5"	\$13.78
WI JHWSPR-T-15-4	T15 x 4"	\$13.78	WI JHWSPR-T-27-5	T27 x 5"	\$13.78
WI JHWSPR-T-20-4	T20 x 4"	\$13.78	WI JHWSPR-T-30-6	T30 x 6"	\$15.78

**SuperTorque™ Robertson® Screwdrivers**

Part#	Overall Length	Blade Length	Tip	Price
WI JHWSPR-R-1-4	8"	4"	Robertson® #1 (5, 6, 7)	\$12.24
WI JHWSPR-R-2-5	8"	5"	Robertson® #2 (8, 9, 10)	\$12.24
WI JHWSPR-R-3-6	8-3/4"	6"	Robertson® #3 (12, 14)	\$12.99

Magnetic Ratcheting Screwdriver

• Includes 5 bits: (2) slotted, #1 Philips, #2 Philips and T-15 TORX

Part#	Overall Length	Blade Length	Price
WI JHWWRS-1	9"	4"	\$50.00

**Hammers****Fiberglass Handle Ball Pein**

Part#	Size	Price
WI JHW20543	12 oz.	\$17.13
WI JHW20544	16 oz.	\$20.15
WI JHW20545	24 oz.	\$22.40
WI JHW20546	32 oz.	\$25.19

Fiberglass Handle Drilling

Part#	Size	Price
WI JHW20678	32 oz.	\$23.52

**Hickory Handle Ball Pein**

Part#	Size	Price
WI JHWHBP-0A	16 oz.	\$32.70
WI JHWHBP-2A	24 oz.	\$40.15
WI JHWHBP-4A	32 oz.	\$45.25

Deadblow Hammers

Part#	Size	Price
WI JHWJHW-16	16 oz.	\$36.34
WI JHWJHW-24	24 oz.	\$41.99
WI JHWJHW-32	32 oz.	\$48.88
WI JHWJHW-48	48 oz.	\$65.00
WI JHWJHW-56	56 oz.	\$88.00



Locking Pliers

Curved Locking Pliers Cutter



Part#	Size	Price
WI JHW23301	5"	\$7.57
WI JHW23303	10"	\$11.44



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
WI JHWPL-529	\$211.00

Telescoping Magnetic Pick Up Tools



Part#	Capacity	Price
WI JHW40152	5 lbs.	\$20.15
WI JHW40153	10 lbs.	\$26.73

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



Locking C-Clamp with Swivel Pad



Part#	Size	Price
WI JHW23222	6"	\$12.27
WI JHW23223	9"	\$19.02
WI JHW23224	11"	\$23.13

Inspection Mirror



Part#	Size	Price
WI JHW40253	2-1/4"	\$16.29

Strap Wrench



Part#	Size	Price
WI JHW40221	Size: 12" Max Diameter: 8" Strap Size: 1-1/8" x 30"	\$18.12



Adjustable Pipe Chain Wrench



Part#	Size	Price
WI JHWCW-4	15"	\$52.00

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
WI JHW4M04T	\$869.00



Socket Sets

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

(Set Includes entire listing below) Part# WI JHW50663 = \$51.00

- (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



Made in Taiwan

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

(Set Includes entire listing below) Part# WI JHW50665 = \$48.36

- (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



Made in Taiwan

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

(Set Includes entire listing below)

Part# WI JHW50668 = \$139.00

- (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



Made in Taiwan

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

Part# WI JHW50617B = \$325.00

- (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



Made in Taiwan



GP is EVERYTHING IMPACT®

Made in Taiwan



GP "High Torque"
drive offers many
benefits.

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.



GP Tools carry a
Lifetime Warranty.



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

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.



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3/8" Sockets & Accessories



3/8" Drive 9 Pc. Magnetic Impact Socket Set

Part# GP 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# GP 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



Molded Storage Case

SAE



Sockets



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

Part# GP 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



Molded Storage Case

MM

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

Part# GP 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



Molded Storage Case

SAE



3/8" Sockets & Accessories



SAE

MM

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

Part# GP 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



Molded Storage Case

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

Part# GP 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



Molded Storage Case

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

Part# GP 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"



Molded Storage Case

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

Part# GP 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"



Molded Storage Case

3/8" Sockets & Accessories



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



Part#	Size	Price
GP 010D	5/16	\$4.82
GP 012D	3/8	\$4.82
GP 014D	7/16	\$4.82
GP 016D	1/2	\$4.82
GP 018D	9/16	\$4.77
GP 020D	5/8	\$5.84
GP 022D	11/16	\$5.97
GP 024D	3/4	\$6.42
GP 026D	13/16	\$7.11
GP 028D	7/8	\$7.56
GP 030D	15/16	\$9.72
GP 032D	1"	\$10.11
GP 1007MD	7mm	\$4.82
GP 1008MD	8mm	\$4.82
GP 1009MD	9mm	\$4.82
GP 1010MD	10mm	\$4.82
GP 1011MD	11mm	\$4.82
GP 1012MD	12mm	\$4.82
GP 1013MD	13mm	\$4.77
GP 1014MD	14mm	\$4.77
GP 1015MD	15mm	\$5.05
GP 1016MD	16mm	\$5.84
GP 1017MD	17mm	\$5.97
GP 1018MD	18mm	\$6.35
GP 1019MD	19mm	\$6.42
GP 1020MD	20mm	\$7.11
GP 1021MD	21mm	\$7.49
GP 1022MD	22mm	\$7.61



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



Part#	Size	Price
GP 1010R	5/16	\$3.07
GP 1012R	3/8	\$3.07
GP 1014R	7/16	\$3.07
GP 1016R	1/2	\$3.07
GP 1018R	9/16	\$3.22
GP 1020R	5/8	\$3.75
GP 1022R	11/16	\$3.75
GP 1024R	3/4	\$3.94
GP 1026R	13/16	\$4.79
GP 1028R	7/8	\$4.87
GP 1030R	15/16	\$8.28
GP 1032R	1"	\$8.28
GP 1007M	7mm	\$3.07
GP 1008M	8mm	\$3.07
GP 1009M	9mm	\$3.07
GP 1010M	10mm	\$3.07
GP 1011M	11mm	\$3.07
GP 1012M	12mm	\$3.07
GP 1013M	13mm	\$3.07
GP 1014M	14mm	\$3.22
GP 1015M	15mm	\$3.48
GP 1016M	16mm	\$3.75
GP 1017M	17mm	\$3.75
GP 1018M	18mm	\$3.75
GP 1019M	19mm	\$3.94
GP 1020M	20mm	\$4.79
GP 1021M	21mm	\$4.79
GP 1022M	22mm	\$4.87



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



Part#	Size	Price
GP 1010U	5/16	\$16.69
GP 1012U	3/8	\$16.69
GP 1014U	7/16	\$16.69
GP 1016U	1/2	\$16.69
GP 1018U	9/16	\$17.38
GP 1020U	5/8	\$17.38
GP 1022U	11/16	\$17.38
GP 1024U	3/4	\$17.92
GP 1026U	13/16	\$17.81
GP 1028U	7/8	\$18.46
GP 1030U	15/16	\$20.31
GP 1032U	1"	\$22.13
GP 1010UM	10mm	\$16.69
GP 1011UM	11mm	\$16.69
GP 1012UM	12mm	\$16.69
GP 1013UM	13mm	\$16.69
GP 1014UM	14mm	\$17.31
GP 1015UM	15mm	\$17.38
GP 1016UM	16mm	\$17.38
GP 1017UM	17mm	\$17.38
GP 1018UM	18mm	\$17.38
GP 1019UM	19mm	\$17.92

Sockets



SAE

Molded Storage Case

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

Part# GP 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

SAE



3/8" Drive Accessories

Part#	Size	Description	Price
GP 1129UJ	3/8" Universal Joint w/ Friction Ball	Universal Joint	\$17.62
GP 1140E	1-3/4" Extension w/ Friction Ball	Extension	\$7.56
GP 1143E	3" Extension w/ Friction Ball	Extension	\$7.56
GP 1146E	6" Extension w/ Friction Ball	Extension	\$11.52

1/2" Sockets & Accessories



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

Part# GP 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"



SAE

Molded Storage Case

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

Part# GP 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"



SAE

Molded Storage Case

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

Part# GP 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"



SAE

Molded Storage Case

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

Part# GP 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



SAE

Molded Storage Case

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

Part# GP 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



SAE

Molded Storage Case

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

Part# GP 1313XD = \$269.00 (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"



SAE

Molded Storage Case

1/2" Sockets & Accessories



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

Part# GP 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



Molded Storage Case

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

Part# GP 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



Molded Storage Case

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

Part# GP 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, 27 mm



Molded Storage Case

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

Part# GP 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



Molded Storage Case

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

Part# GP 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



SAE
Molded Storage Case

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

Part# GP 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



SAE
Molded Storage Case

Sockets



1/2" Sockets & Accessories



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

Part# GP 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"



SAE

Molded Storage Case

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

Part# GP 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



MM

Molded Storage Case

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

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

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



MM

Molded Storage Case



SAE



SAE



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

Part#	Size	Price	Part#	Size	Price
GP 2010D	5/16	\$8.60	GP 2010MD	10mm	\$8.60
GP 2012D	3/8	\$8.60	GP 2011MD	11mm	\$8.60
GP 2014D	7/16	\$8.60	GP 2012MD	12mm	\$8.60
GP 2016D	1/2	\$8.60	GP 2013MD	13mm	\$8.93
GP 2018D	9/16	\$8.93	GP 2014MD	14mm	\$8.93
GP 2020D	5/8	\$8.89	GP 2015MD	15mm	\$10.33
GP 2022D	11/16	\$10.31	GP 2016MD	16mm	\$10.44
GP 2024D	3/4	\$10.33	GP 2017MD	17mm	\$10.33
GP 2026D	13/16	\$11.48	GP 2018MD	18mm	\$10.44
GP 2028D	7/8	\$12.09	GP 2019MD	19mm	\$10.33
GP 2030D	15/16	\$14.54	GP 2020MD	20mm	\$11.48
GP 2032D	1"	\$15.69	GP 2021MD	21mm	\$11.48
GP 2034D	1-1/16	\$16.37	GP 2022MD	22mm	\$12.09
GP 2036D	1-1/8	\$16.43	GP 2023MD	23mm	\$12.09
GP 2038D	1-3/16	\$17.55	GP 2024MD	24mm	\$14.54
GP 2040D	1-1/4	\$19.08	GP 2025MD	25mm	\$15.56
GP 2042D	1-5/16	\$19.14	GP 2026MD	26mm	\$16.29
GP 2044D	1-3/8	\$20.31	GP 2027MD	27mm	\$16.37
GP 2046D	1-7/16	\$20.29	GP 2028MD	28mm	\$16.43
GP 2048D	1-1/2	\$21.37	GP 2029MD	29mm	\$16.43
GP 2050D	1-9/16"	\$31.42	GP 2030MD	30mm	\$17.55
GP 2052D	1-5/8"	\$34.34	GP 2032MD	32mm	\$19.08
GP 2054D	1-11/16"	\$36.22	GP 2033MD	33mm	\$19.14
GP 2056D	1-3/4"	\$39.08	GP 2034MD	34mm	\$19.73
GP 2058D	1-13/16"	\$42.59	GP 2035MD	35mm	\$20.31
GP 2060D	1-7/8"	\$43.22	GP 2036MD	36mm	\$20.29
GP 2062D	1-15/16"	\$43.20			
GP 2064D	2"	\$46.09			

1/2" Drive, Standard Fractional & Metric Impact Sockets

Part#	Size	Price	Part#	Size	Price
GP 2014R	7/16	\$4.95	GP 2010M	10mm	\$4.95
GP 2016R	1/2	\$4.95	GP 2011M	11mm	\$4.95
GP 2018R	9/16	\$4.95	GP 2012M	12mm	\$4.95
GP 2020R	5/8	\$6.48	GP 2013M	13mm	\$4.95
GP 2022R	11/16	\$6.70	GP 2014M	14mm	\$4.95
GP 2024R	3/4	\$6.48	GP 2015M	15mm	\$6.40
GP 2026R	13/16	\$6.57	GP 2016M	16mm	\$6.50
GP 2028R	7/8	\$6.72	GP 2017M	17mm	\$6.50
GP 2030R	15/16	\$8.73	GP 2018M	18mm	\$6.50
GP 2032R	1"	\$8.81	GP 2019M	19mm	\$6.48
GP 2034R	1-1/16	\$9.92	GP 2020M	20mm	\$6.57
GP 2036R	1-1/8	\$10.48	GP 2021M	21mm	\$6.57
GP 2040R	1-1/4	\$10.77	GP 2022M	22mm	\$6.72
			GP 2023M	23mm	\$6.68
			GP 2024M	24mm	\$8.73
			GP 2025M	25mm	\$8.81
			GP 2026M	26mm	\$9.92
			GP 2027M	27mm	\$9.93
			GP 2028M	28mm	\$10.21
			GP 2029M	29mm	\$10.48
			GP 2030M	30mm	\$10.77
			GP 2032M	32mm	\$11.07
			GP 2033M	33mm	\$11.40
			GP 2034M	34mm	\$11.70
			GP 2035M	35mm	\$11.72
			GP 2036M	36mm	\$13.65

1/2" Sockets & Accessories



1/2" Drive Extra-Deep Fractional Impact Sockets

SAE

Part#	Size	Price
GP 2016XD	1/2"	\$19.03
GP 2018XD	9/16"	\$18.97
GP 2020XD	5/8"	\$18.97
GP 2022XD	11/16"	\$20.12

Part#	Size	Price
GP 2024XD	3/4"	\$21.20
GP 2026XD	13/16"	\$22.80
GP 2028XD	7/8"	\$24.37
GP 2030XD	15/16"	\$26.07

Part#	Size	Price
GP 2032XD	1"	\$29.85
GP 2034XD	1-1/16"	\$31.19
GP 2036XD	1-1/8"	\$32.76
GP 2038XD	1-3/16"	\$35.95
GP 2040XD	1-1/4"	\$36.51
GP 2042XD	1-5/16"	\$40.24



Sockets

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

Part# GP 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# GP 2204E = \$63.00

(Set Includes entire listing below)

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



Molded Storage Case



1/2" Drive Accessories

Part#	Size	Socket	Price
GP 2243E	3"	Extension	1/2 \$9.49
GP 2245E	5"	Extension	1/2 \$13.71
GP 2247E	7"	Extension	1/2 \$21.13
GP 2210E	10"	Extension	1/2 \$26.95

Part#	Size	Socket	Price
GP 2229UJ	1/2 Universal Joint	Universal Joint	1/2 \$25.08
GP 2146DT	3/4" & 13/16" Extra-Thin Wall Flip	Flip Socket	1/2 \$11.52
GP 2192DT	19mm & 21mm	Flip Socket	1/2 \$11.52

5 Pc 1/2" Drive Torque Limiting Extension Set

Part# GP 2805TK = \$154.00

(Set Includes entire listing below)

- (1) 65 ft lbs, (1) 80 ft lbs, (1) 100 ft lbs, (1) 120 ft lbs, (1) 140 ft lbs



3/4" Sockets & Accessories



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

Part# GP 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# GP 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# GP 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# GP 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# GP 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# GP 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

SAE

MM



Part#	Size	Price
GP 3024D	3/4	\$18.06
GP 3026D	13/16	\$18.06
GP 3028D	7/8	\$18.06
GP 3030D	15/16	\$18.06
GP 3032D	1"	\$18.18
GP 3034D	1-1/16	\$19.31
GP 3036D	1-1/8	\$19.31
GP 3038D	1-3/16	\$19.31
GP 3040D	1-1/4	\$20.31
GP 3042D	1-5/16	\$24.04
GP 3044D	1-3/8	\$24.21
GP 3046D	1-7/16	\$24.60
GP 3048D	1-1/2	\$27.99
GP 3050D	1-9/16	\$28.99
GP 3052D	1-5/8	\$29.99
GP 3054D	1-11/16	\$32.42
GP 3056D	1-3/4	\$33.80
GP 3058D	1-13/16	\$35.84
GP 3060D	1-7/8	\$35.78
GP 3062D	1-15/16	\$38.68
GP 3064D	2"	\$38.95
GP 3066D	2-1/16	\$55.00
GP 3068D	2-1/8	\$59.00
GP 3070D	2-3/16	\$66.00
GP 3072D	2-1/4	\$67.00
GP 3074D	2-5/16	\$74.00
GP 3076D	2-3/8	\$82.00
GP 3078D	2-7/16	\$83.00
GP 3080D	2-1/2	\$86.00

Part#	Size	Price
GP 3019MD	19mm	\$19.31
GP 3020MD	20mm	\$19.31
GP 3021MD	21mm	\$19.31
GP 3022MD	22mm	\$19.31
GP 3023MD	23mm	\$19.31
GP 3024MD	24mm	\$19.31
GP 3025MD	25mm	\$19.31
GP 3026MD	26mm	\$20.03
GP 3027MD	27mm	\$20.51
GP 3028MD	28mm	\$20.72
GP 3029MD	29mm	\$21.37
GP 3030MD	30mm	\$21.37
GP 3031MD	31mm	\$21.37
GP 3032MD	32mm	\$24.78
GP 3033MD	33mm	\$25.37
GP 3034MD	34mm	\$25.37
GP 3035MD	35mm	\$25.82
GP 3036MD	36mm	\$26.40
GP 3038MD	38mm	\$26.97
GP 3040MD	40mm	\$30.73
GP 3041MD	41mm	\$31.18
GP 3042MD	42mm	\$33.55
GP 3043MD	43mm	\$37.34
GP 3044MD	44mm	\$37.91
GP 3046MD	46mm	\$39.51
GP 3050MD	50mm	\$48.77

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

SAE

MM



Part#	Size	Price
GP 3024R	3/4	\$13.61
GP 3026R	13/16	\$13.61
GP 3028R	7/8	\$13.61
GP 3030R	15/16	\$13.61
GP 3032R	1"	\$13.61
GP 3034R	1-1/16	\$13.61
GP 3036R	1-1/8	\$13.61
GP 3038R	1-3/16	\$13.61
GP 3040R	1-1/4	\$14.57
GP 3042R	1-5/16	\$16.15
GP 3044R	1-3/8	\$15.79
GP 3046R	1-7/16	\$16.60
GP 3048R	1-1/2	\$16.94
GP 3050R	1-9/16	\$22.91
GP 3052R	1-5/8	\$24.35
GP 3054R	1-11/16	\$28.12
GP 3056R	1-3/4	\$29.05
GP 3058R	1-13/16	\$30.81
GP 3060R	1-7/8	\$31.10
GP 3062R	1-15/16	\$32.23
GP 3064R	2"	\$34.80
GP 3066R	2-1/16	\$39.43
GP 3068R	2-1/8	\$41.25
GP 3070R	2-3/16	\$44.28
GP 3072R	2-1/4	\$46.03
GP 3074R	2-5/16	\$48.39
GP 3076R	2-3/8	\$53.00
GP 3078R	2-7/16	\$53.00
GP 3080R	2-1/2	\$54.00

Part#	Size	Price
GP 3019M	19mm	\$12.95
GP 3020M	20mm	\$12.95
GP 3021M	21mm	\$12.95
GP 3022M	22mm	\$12.95
GP 3023M	23mm	\$12.95
GP 3024M	24mm	\$12.95
GP 3025M	25mm	\$12.95
GP 3026M	26mm	\$12.95
GP 3027M	27mm	\$12.95
GP 3028M	28mm	\$12.95
GP 3029M	29mm	\$14.40
GP 3030M	30mm	\$14.42
GP 3031M	31mm	\$14.42
GP 3032M	32mm	\$14.88
GP 3033M	33mm	\$15.68
GP 3034M	34mm	\$15.77
GP 3035M	35mm	\$15.56
GP 3036M	36mm	\$15.61
GP 3038M	38mm	\$15.81
GP 3040M	40mm	\$21.37
GP 3041M	41mm	\$24.20
GP 3042M	42mm	\$25.76
GP 3043M	43mm	\$27.20
GP 3044M	44mm	\$29.82
GP 3046M	46mm	\$32.71
GP 3050M	50mm	\$33.97

Sockets



4-Pc 3/4" Drive Impact Extension Set



Molded Storage Case

Part# GP 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
GP 3003EB	3"	Extension	3/4	\$22.80
GP 3007EB	7"	Extension	3/4	\$27.99
GP 3010EB	10"	Extension	3/4	\$38.68
GP 3013EB	13"	Extension	3/4	\$46.61
GP 3006UJ	3/4" Drive x 3/4" Pin Hole	U-Joint	3/4	\$64.00

3/4" Drive Standard Length Budd Impacts

Part#	Size	Price
GP 3313S	13/16" Square - 4 Point	\$17.33
GP 3315S	15/16" Square - 4 Point	\$17.90
GP 3317S	17mm Square - 4 Point	\$17.98



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

Part# GP 3223C = \$39.09



1"

Sockets & Accessories



21 Pc - 1" Drive Standard Length Fractional Impact Set

Part# GP 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"



SAE

Metal Case

16 Pc - 1" Drive Standard Length Fractional Impact Set

Part# GP 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"



SAE

Metal Case

11 Pc - 1" Drive Standard Length Fractional Impact Set

Part# GP 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"



SAE

Metal Case

21 Pc - 1" Drive Deep Length Fractional Impact Set

Part# GP 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"



SAE

Metal Case

16 Pc - 1" Drive Deep Length Fractional Impact Set

Part# GP 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"



SAE

Metal Case

11 Pc - 1" Drive Deep Length Fractional Impact Set

Part# GP 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"



SAE

Metal Case

26 Pc - 1" Drive Standard Length Metric Impact Set

Part# GP 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



MM

Metal Case

20 Pc - 1" Drive Standard Length Metric Impact Set

Part# GP 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



MM

Metal Case



1"

Sockets & Accessories



11 Pc - 1" Drive Standard Length Metric Impact Set

Part# GP 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# GP 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# GP 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# GP 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

Sockets

10 Pc - 1" Drive Truck Wheel Set

Part# GP 9153 = \$281.00 (Set Includes entire listing below)

1" Drive Retaining Pins

Part# GP 4520 = \$2.71 - Use w/ sockets 3/4 - 1 11/16 (19mm - 44mm)
 Part# GP 4521 = \$2.33 - Use w/ sockets 1 3/4 - 2 13/16 (45mm - 70mm)
 Part# GP 4523 = \$4.77 - Use w/ sockets 2 7/8 - 4" (75mm - 110mm)
 Part# GP 4524 = \$4.77 - Use w/ sockets 4 1/8 - 4 1/2 (115mm)



1" Drive O-Rings

Part# GP 4510 = \$2.33 - Use w/ sockets 3/4 - 1 11/16 (19mm - 44mm)
 Part# GP 4511 = \$2.61 - Use w/ sockets 1 3/4 - 2 1/8 (45mm - 54mm)
 Part# GP 4512 = \$3.27 - Use w/ sockets 2 3/16 - 2 13/16 (55mm - 70mm)
 Part# GP 4513 = \$4.77 - Use w/ sockets 2 7/8 - 4 (75mm - 100mm)
 Part# GP 4514 = \$5.08 - Use w/ sockets 4 1/8 - 4 1/2 (105mm - 115mm)



1" Drive Retaining Rings

Part# GP 4110 = \$10.63 - Use w/ sockets 3/4 - 1 11/16 (19mm - 44mm)
 Part# GP 4111 = \$10.63 - Use w/ sockets 1 3/4 - 2 1/8 (45mm - 54mm)
 Part# GP 4112 = \$10.63 - Use w/ sockets 2 3/16 - 2 13/16 (55mm - 70mm)



1" Drive Accessories



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

1" Drive Deep Length Budd Impacts

SAE

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



1" Drive Standard Length Budd Impacts

SAE

Part#	Size	Price
GP 4315S	15/16" Square - 4 Point	\$25.95
GP 4317S	17mm Square - 4 Point	\$25.68
GP 4319S	19mm Square - 4 Point	\$25.68



1" Drive Pin Hole Extension



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

1"

Sockets & Accessories



1" Drive, Standard Fractional & Metric Impact Sockets



SAE

MM

1" Drive, Deep Fractional & Metric Impact Sockets



SAE

MM

Sockets



Part#	Size	Price	Part#	Size	Price	Part#	Size	Price	Part#	Size	Price	Part#	Size	Price
GP 4024R	3/4"	\$22.88	GP 4019M	19mm	\$26.23	GP 4048M	48mm	\$39.92	GP 4024D	3/4"	\$30.88	GP 4019MD	19mm	\$32.33
GP 4026R	13/16"	\$22.88	GP 4020M	20mm	\$26.23	GP 4050M	50mm	\$43.68	GP 4026D	13/16"	\$30.88	GP 4020MD	20mm	\$32.54
GP 4028R	7/8"	\$22.88	GP 4021M	21mm	\$26.23	GP 4051M	51mm	\$44.12	GP 4028D	7/8"	\$30.88	GP 4021MD	21mm	\$32.85
GP 4030R	15/16"	\$23.25	GP 4022M	22mm	\$26.49	GP 4052M	52mm	\$45.87	GP 4030D	15/16"	\$30.88	GP 4022MD	22mm	\$33.48
GP 4032R	1"	\$23.25	GP 4023M	23mm	\$26.49	GP 4053M	53mm	\$46.33	GP 4032D	1"	\$31.68	GP 4023MD	23mm	\$34.12
GP 4034R	1-1/16"	\$23.67	GP 4024M	24mm	\$26.99	GP 4054M	54mm	\$47.27	GP 4034D	1-1/16"	\$32.30	GP 4024MD	24mm	\$34.80
GP 4036R	1-1/8"	\$23.67	GP 4025M	25mm	\$26.99	GP 4055M	55mm	\$52.00	GP 4036D	1-1/8"	\$32.85	GP 4025MD	25mm	\$34.80
GP 4038R	1-3/16"	\$24.10	GP 4026M	26mm	\$26.99	GP 4056M	56mm	\$56.00	GP 4038D	1-3/16"	\$34.12	GP 4026MD	26mm	\$34.92
GP 4040R	1-1/4"	\$24.51	GP 4027M	27mm	\$26.99	GP 4057M	57mm	\$57.00	GP 4040D	1-1/4"	\$34.95	GP 4027MD	27mm	\$34.92
GP 4042R	1-5/16"	\$24.52	GP 4028M	28mm	\$27.53	GP 4058M	58mm	\$59.00	GP 4042D	1-5/16"	\$35.33	GP 4028MD	28mm	\$35.00
GP 4044R	1-3/8"	\$24.52	GP 4029M	29mm	\$27.53	GP 4060M	60mm	\$65.00	GP 4044D	1-3/8"	\$37.48	GP 4029MD	29mm	\$35.00
GP 4046R	1-7/16"	\$24.91	GP 4030M	30mm	\$27.53	GP 4062M	62mm	\$69.00	GP 4046D	1-7/16"	\$37.85	GP 4030MD	30mm	\$35.00
GP 4048R	1-1/2"	\$24.91	GP 4031M	31mm	\$27.53	GP 4063M	63mm	\$69.00	GP 4048D	1-1/2"	\$37.85	GP 4031MD	31mm	\$35.00
GP 4050R	1-9/16"	\$25.34	GP 4032M	32mm	\$27.53	GP 4065M	65mm	\$73.00	GP 4050D	1-9/16"	\$39.80	GP 4032MD	32mm	\$35.00
GP 4052R	1-5/8"	\$26.06	GP 4033M	33mm	\$27.53	GP 4067M	67mm	\$79.00	GP 4052D	1-5/8"	\$39.77	GP 4033MD	33mm	\$35.33
GP 4054R	1-11/16"	\$27.08	GP 4034M	34mm	\$28.55	GP 4070M	70mm	\$91.00	GP 4054D	1-11/16"	\$39.78	GP 4034MD	34mm	\$37.20
GP 4056R	1-3/4"	\$30.38	GP 4035M	35mm	\$28.55	GP 4075M	75mm	\$133.00	GP 4056D	1-3/4"	\$42.82	GP 035MD	35mm	\$37.57
GP 4058R	1-13/16"	\$31.27	GP 4036M	36mm	\$29.30	GP 4076M	76mm	\$154.00	GP 4058D	1-13/16"	\$44.69	GP 4036MD	36mm	\$37.62
GP 4060R	1-7/8"	\$34.18	GP 4037M	37mm	\$29.43	GP 4077M	77mm	\$159.00	GP 4060D	1-7/8"	\$48.37	GP 4037MD	37mm	\$37.65
GP 4062R	1-15/16"	\$38.57	GP 4038M	38mm	\$29.59	GP 4078M	78mm	\$160.00	GP 4062D	1-15/16"	\$51.00	GP 4038MD	38mm	\$37.77
GP 4064R	2"	\$39.34	GP 4039M	39mm	\$29.59	GP 4080M	80mm	\$161.00	GP 4064D	2"	\$61.00	GP 4039MD	39mm	\$39.28
GP 4066R	2-1/16"	\$43.02	GP 4040M	40mm	\$29.79	GP 4085M	85mm	\$165.00	GP 4066D	2-1/16"	\$62.00	GP 4040MD	40mm	\$39.35
GP 4068R	2-1/8"	\$45.20	GP 4041M	41mm	\$29.79	GP 4090M	90mm	\$290.00	GP 4068D	2-1/8"	\$71.00	GP 4041MD	41mm	\$39.35
GP 4070R	2-3/16"	\$50.00	GP 4042M	42mm	\$32.30	GP 4095M	95mm	\$362.00	GP 4070D	2-3/16"	\$71.00	GP 4042MD	42mm	\$45.21
GP 4072R	2-1/4"	\$51.00	GP 4043M	43mm	\$32.30	GP 40100M	100mm	\$396.00	GP 4072D	2-1/4"	\$73.00	GP 4043MD	43mm	\$49.86
GP 4074R	2-5/16"	\$57.00	GP 4044M	44mm	\$33.05	GP 40105M	105mm	\$426.00	GP 4074D	2-5/16"	\$80.00	GP 4044MD	44mm	\$49.86
GP 4076R	2-3/8"	\$60.00	GP 4045M	45mm	\$35.58	GP 40110M	110mm	\$432.00	GP 4076D	2-3/8"	\$88.00	GP 4045MD	45mm	\$49.86
GP 4078R	2-7/16"	\$65.00	GP 4046M	46mm	\$36.71	GP 40115M	115mm	\$439.00	GP 4078D	2-7/16"	\$96.00	GP 4046MD	46mm	\$49.86
GP 4080R	2-1/2"	\$70.00	GP 4047M	47mm	\$37.24				GP 4080D	2-1/2"	\$97.00	GP 4047MD	47mm	\$51.00
GP 4082R	2-9/16"	\$73.00							GP 4082D	2-9/16"	\$106.00			
GP 4084R	2-5/8"	\$85.00							GP 4084D	2-5/8"	\$115.00			
GP 4086R	2-11/16"	\$85.00							GP 4086D	2-11/16"	\$121.00			
GP 4088R	2-3/4"	\$90.00							GP 4088D	2-3/4"	\$123.00			
GP 4090R	2-13/16"	\$97.00							GP 4090D	2-13/16"	\$144.00			
GP 4092R	2-7/8"	\$108.00							GP 4092D	2-7/8"	\$148.00			
GP 4094R	2-15/16"	\$108.00							GP 4094D	2-15/16"	\$166.00			
GP 4096R	3"	\$112.00							GP 4096D	3"	\$176.00			
GP 4100R	3-1/8"	\$117.00							GP 4100D	3-1/8"	\$179.00			
GP 4104R	3-1/4"	\$124.00							GP 4104D	3-1/4"	\$182.00			
GP 4108R	3-3/8"	\$128.00							GP 4108D	3-3/8"	\$207.00			
GP 4112R	3-1/2"	\$224.00							GP 4112D	3-1/2"	\$308.00			
GP 4116R	3-5/8"	\$256.00							GP 4116D	3-5/8"	\$344.00			
GP 4120R	3-3/4"	\$256.00							GP 4120D	3-3/4"	\$374.00			
GP 4124R	3-7/8"	\$279.00							GP 4124D	3-7/8"	\$414.00			
GP 4128R	4"	\$281.00							GP 4128D	4"	\$418.00			
GP 4132R	4-1/8"	\$301.00							GP 4132D	4-1/8"	\$443.00			
GP 4136R	4-1/4"	\$306.00							GP 4136D	4-1/4"	\$449.00			
GP 4144R	4-1/2"	\$311.00							GP 4144D	4-1/2"	\$454.00			



Adapters for Pages 43-54



Impact Drive Adapters

Part#	Size	Price
GP 1128A*	3/8" Drive 3/8" Female x 1/4" Male*	\$7.52
GP 1138A	3/8" Drive 3/8" Female x 1/2" Male	\$8.04
GP 2228A*	1/2" Drive 1/2" Female x 3/8" Male*	\$9.65
GP 3008A*	3/4" Drive 3/4" Female x 1/2" Male*	\$18.97

Part#	Size	Price
GP 2238A	1/2" Drive 1/2" Female x 3/4" Male	\$13.33
GP 3009AB	3/4" Drive 3/4" Female x 1" Male	\$21.99
GP 4009A	1" Drive 1" Female x 1-1/2" Male Adapter with Pin Hole	\$56.00
GP 4008AB	1" Drive 1" Female x 3/4" Male	\$29.34

*Not Covered Under Warranty

Friction Ball Adapters



Part#	Size	Length	Price
GP 1414HA	1/4" Hex x 1/4" SQ		\$8.45
GP 1438HA	1/4" Hex x 3/8" SQ	2"	\$9.78
GP 1412HA	1/4" Hex x 1/2" SQ		\$12.09
GP 14386HA	1/4" Hex x 3/8" SQ	6"	\$10.82
GP 14126HA	1/4" Hex x 1/2" SQ		\$14.73



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

Part# GP 103RA = \$29.06

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.

Reducing Sleeve Adapters



Part#	Size	Price
GP 1138RA	3/8" Drive x 1/2"	\$8.43
GP 2238RA	1/2" Drive x 3/4"	\$15.69
GP 3009RA	3/4" Drive x 1"	\$22.15
GP 4009RA	1" Drive x 1-1/2"	\$26.35



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# GP 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# GP 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# GP 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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3/8"

Duo Sockets & Accessories



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

Part#	Size	Price
GP 81010R	5/16	\$7.46
GP 81012R	3/8	\$7.46
GP 81014R	7/16	\$7.46
GP 81016R	1/2	\$7.46
GP 81018R	9/16	\$7.79
GP 81020R	5/8	\$8.99
GP 81022R	11/16	\$8.99
GP 81024R	3/4	\$9.49
GP 81026R	13/16	\$11.35
GP 81028R	7/8	\$11.80
GP 81030R	15/16	\$18.65
GP 81032R	1"	\$18.65

Part#	Size	Price
GP 81007M	7mm	\$7.46
GP 81008M	8mm	\$7.46
GP 81009M	9mm	\$7.46
GP 81010M	10mm	\$7.46
GP 81011M	11mm	\$7.46
GP 81012M	12mm	\$7.46
GP 81013M	13mm	\$7.46
GP 81014M	14mm	\$7.79
GP 81015M	15mm	\$8.35
GP 81016M	16mm	\$8.99
GP 81017M	17mm	\$8.99
GP 81018M	18mm	\$8.99
GP 81019M	19mm	\$9.49
GP 81020M	20mm	\$11.35
GP 81021M	21mm	\$11.35
GP 81022M	22mm	\$11.80



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

Part#	Size	Price
GP 81010D	5/16	\$11.63
GP 81012D	3/8	\$11.63
GP 81014D	7/16	\$11.63
GP 81016D	1/2	\$11.63
GP 81018D	9/16	\$11.63
GP 81020D	5/8	\$13.93
GP 81022D	11/16	\$14.21
GP 81024D	3/4	\$15.48
GP 81026D	13/16	\$16.23
GP 81028D	7/8	\$16.99
GP 81030D	15/16	\$21.99
GP 81032D	1"	\$22.89

Part#	Size	Price
GP 81007MD	7mm	\$11.63
GP 81008MD	8mm	\$11.63
GP 81009MD	9mm	\$11.63
GP 81010MD	10mm	\$11.63
GP 81011MD	11mm	\$11.63
GP 81012MD	12mm	\$11.63
GP 81013MD	13mm	\$11.63
GP 81014MD	14mm	\$11.63
GP 81015MD	15mm	\$12.31
GP 81016MD	16mm	\$13.93
GP 81017MD	17mm	\$14.21
GP 81018MD	18mm	\$15.31
GP 81019MD	19mm	\$15.48
GP 81020MD	20mm	\$16.23
GP 81021MD	21mm	\$16.99
GP 81022MD	22mm	\$17.10



3/8" Drive Duo Accessories

Part#	Size	Socket	Price
GP 1872BRQ	8"	72-Tooth Duo Ratchet	\$49.51
GP 81143E	3"	Duo Extension	\$21.47
GP 81146E	6"	Duo Extension	\$22.03

Sockets



1/2" Duo Sockets & Accessories

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

Part# GP 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



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Storage
Case

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

Part# GP 82622D = \$260.00

(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"
- Accessories: 1/2" Drive Quick Release Ratchet, 3" L Duo-Socket Extension, 6" L Duo-Socket Extension



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Case

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

Part# GP 82629M = \$247.00

(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, 36 mm
- Accessories: 1/2" Drive Quick Release Ratchet, 3" L Duo-Socket Extension, 6" L Duo-Socket Extension



MM

Molded
Storage
Case

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

Part# GP 82629MD = \$308.00

(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, 36 mm
- Accessories: 1/2" Drive Quick Release Ratchet, 3" L Duo-Socket Extension, 6" L Duo-Socket Extension



MM

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Storage
Case



1/2" Duo Sockets & Accessories

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



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Part#	Size	Price
GP 82012R	3/8	\$12.06
GP 82014R	7/16	\$12.06
GP 82016R	1/2	\$12.06
GP 82018R	9/16	\$12.06
GP 82020R	5/8	\$16.05
GP 82022R	11/16	\$16.05
GP 82024R	3/4	\$16.05
GP 82026R	13/16	\$16.05
GP 82028R	7/8	\$16.42
GP 82030R	15/16	\$20.31
GP 82032R	1"	\$20.31
GP 82034R	1-1/16	\$22.97
GP 82036R	1-1/8	\$24.10
GP 82038R	1-3/16	\$24.89
GP 82040R	1-1/4	\$25.62
GP 82042R	1-5/16	\$26.40
GP 82044R	1-3/8	\$27.14
GP 82046R	1-7/16	\$31.30
GP 82048R	1-1/2	\$37.25

Part#	Size	Price
GP 82010M	10mm	\$12.06
GP 82011M	11mm	\$12.06
GP 82012M	12mm	\$12.06
GP 82013M	13mm	\$12.06
GP 82014M	14mm	\$12.06
GP 82015M	15mm	\$16.05
GP 82016M	16mm	\$16.05
GP 82017M	17mm	\$16.05
GP 82018M	18mm	\$16.05
GP 82019M	19mm	\$16.05
GP 82020M	20mm	\$16.05
GP 82021M	21mm	\$16.05
GP 82022M	22mm	\$16.42
GP 82023M	23mm	\$16.42
GP 82024M	24mm	\$20.31
GP 82025M	25mm	\$20.31
GP 82026M	26mm	\$22.97
GP 82027M	27mm	\$22.97
GP 82028M	28mm	\$23.73
GP 82029M	29mm	\$24.10
GP 82030M	30mm	\$24.89
GP 82032M	32mm	\$25.62
GP 82033M	33mm	\$26.40
GP 82034M	34mm	\$27.14
GP 82035M	35mm	\$27.14
GP 82036M	36mm	\$31.30

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



SAE



Part#	Size	Price
GP 82012D	3/8	\$16.57
GP 82014D	7/16	\$16.57
GP 82016D	1/2	\$16.57
GP 82018D	9/16	\$17.25
GP 82020D	5/8	\$18.97
GP 82022D	11/16	\$20.06
GP 82024D	3/4	\$20.96
GP 82026D	13/16	\$22.15
GP 82028D	7/8	\$24.80
GP 82030D	15/16	\$26.97
GP 82032D	1"	\$27.71
GP 82034D	1-1/16	\$31.18
GP 82036D	1-1/8	\$32.95
GP 82038D	1-3/16	\$34.11
GP 82040D	1-1/4	\$35.93
GP 82042D	1-5/16	\$40.26
GP 82044D	1-3/8	\$44.74
GP 82046D	1-7/16	\$46.21
GP 82048D	1-1/2	\$47.68

Part#	Size	Price
GP 82010MD	10mm	\$16.57
GP 82011MD	11mm	\$16.57
GP 82012MD	12mm	\$16.57
GP 82013MD	13mm	\$17.25
GP 82014MD	14mm	\$17.25
GP 82015MD	15mm	\$17.33
GP 82016MD	16mm	\$18.97
GP 82017MD	17mm	\$20.06
GP 82018MD	18mm	\$20.06
GP 82019MD	19mm	\$20.96
GP 82020MD	20mm	\$22.15
GP 82021MD	21mm	\$22.15
GP 82022MD	22mm	\$24.80
GP 82023MD	23mm	\$24.80
GP 82024MD	24mm	\$26.97
GP 82025MD	25mm	\$27.71
GP 82026MD	26mm	\$27.71
GP 82027MD	27mm	\$31.18
GP 82028MD	28mm	\$32.95
GP 82029MD	29mm	\$32.95
GP 82030MD	30mm	\$34.11
GP 82032MD	32mm	\$35.93
GP 82033MD	33mm	\$40.26
GP 82034MD	34mm	\$44.74
GP 82035MD	35mm	\$44.74
GP 82036MD	36mm	\$46.21

1/2" Drive Duo Accessories

Part#	Size	Socket	Price
GP 21024BRQ	8"	72-Tooth Duo Ratchet	\$57.00
GP 82243E	3"	Duo Extension	\$24.41
GP 82246E	6"	Duo Extension	\$30.44




3/8"

Hex Driver Impact Sockets



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

Part# GP 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


SAE


Molded
Storage
Case

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

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

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


SAE

Molded
Storage
Case

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

Part# GP 1267H = \$129.00

(Set Includes entire listing below)

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


SAE

On a
Metal
Clip Rail

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

Part# GP 1267MH = \$125.00

(Set Includes entire listing below)

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


MM

On a
Metal
Clip Rail


SAE


3/8" Drive, Standard Length Hex Drivers

Part#	Size	Price
GP 1906F	3/16"	\$11.55
GP 1907F	7/32"	\$11.55
GP 1908F	1/4"	\$11.55
GP 1910F	5/16" / 8mm	\$11.55
GP 1912F	3/8"	\$11.55
GP 1914F	7/16"	\$11.55
GP 1916F	1/2"	\$11.55

Part#	Size	Price
GP 1904M	4mm	\$11.55
GP 1905M	5mm	\$11.55
GP 1906M	6mm	\$11.55
GP 1907M	7mm	\$11.55
GP 1910M	10mm	\$11.55
GP 1912M	12mm	\$11.55


SAE


3/8" Drive, 6" Length Hex Drivers

Part#	Size	Price
GP 19066F	3/16"	\$19.13
GP 19076F	7/32"	\$19.13
GP 19086F	1/4"	\$19.13
GP 19106F	5/16"	\$19.13
GP 19126F	3/8"	\$19.13
GP 19146F	7/16"	\$22.75
GP 19166F	1/2"	\$22.75

Part#	Size	Price
GP 19046M	4mm	\$19.13
GP 19056M	5mm	\$19.13
GP 19066M	6mm	\$19.13
GP 19076M	7mm	\$19.13
GP 19086M	8mm	\$19.13
GP 19106M	10mm	\$22.75
GP 19126M	12mm	\$22.75



1/2"

Hex Driver Impact Sockets



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

Part# GP 1598HC = \$157.00 (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



SAE

Molded Storage Case

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

Part# GP 1398H = \$87.00 (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"



SAE

Molded Storage Case

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

Part# GP 1498MH = \$87.00

(Set Includes entire listing below)

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



Molded Storage Case

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

Part# GP 1360H = \$209.00

(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"



SAE

On a Metal Clip Rail



SAE



1/2" Drive, Standard Length Hex Drivers

Part#	Size	Price
GP 2908F	1/4	\$14.98
GP 2909F	9/32	\$14.98
GP 2910F	5/16 / 8mm	\$14.98
GP 2912F	3/8	\$14.98
GP 2914F	7/16	\$14.98
GP 2916F	1/2	\$14.98
GP 2918F	9/16	\$14.98
GP 2920F	5/8 / 16mm	\$14.98
GP 2922F	11/16	\$16.35
GP 2924F	3/4 / 19mm	\$17.30

Part#	Size	Price
GP 2906M	6mm	\$14.98
GP 2907M	7mm	\$14.98
GP 2908M	8mm	\$14.98
GP 2910M	10mm	\$14.98
GP 2912M	12mm	\$14.98
GP 2914M	14mm	\$14.98
GP 2915M	15mm	\$14.98
GP 2917M	17mm	\$16.35
GP 2918M	18mm	\$16.01
GP 2919M	19mm	\$17.30



SAE

1/2" Drive, 6" Length Hex Drivers

Part#	Size	Price
GP 29086F	1/4	\$20.96
GP 29096F	9/32	\$20.96
GP 29106F	5/16	\$20.96
GP 29126F	3/8	\$20.96
GP 29146F	7/16	\$22.10
GP 29166F	1/2	\$22.75
GP 29186F	9/16	\$28.74
GP 29206F	5/8	\$28.74
GP 29226F	11/16	\$28.74
GP 29246F	3/4	\$28.74





3/4" Hex Driver Impact Sockets



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

Part# GP 8096H = \$225.00 (Set Includes entire listing below)

• 1/2", 9/16", 5/8", 3/4", 7/8", 1"



SAE

Molded Storage Case

3/4" Drive, Standard Length Fractional Hex Drivers

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



SAE

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

Part# GP 8196MH = \$225.00 (Set Includes entire listing below)

• 12, 14, 17, 19, 22, 24



MM

Molded Storage Case

3/4" Drive, Standard Length Metric Hex Drivers

Part#	Size	Price	Part#	Size	Price
GP 3912M	12mm	\$43.69	GP 3919M	19mm	\$43.69
GP 3914M	14mm	\$43.69	GP 3922M	22mm	\$43.69
GP 3917M	17mm	\$43.69	GP 3924M	24mm	\$46.23



MM

1" Hex Driver Impact Sockets



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

Part# GP 9096H = \$302.00 (Set Includes entire listing below)

• 3/4", 7/8", 1", 1-1/8", 1-1/4", 1-3/8"



SAE

Molded Storage Case

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

Part# GP 9196MH = \$264.00 (Set Includes entire listing below)

• 14, 17, 19, 22, 24, 27



MM

Molded Storage Case

1" Drive, Standard Length Hex Drivers



SAE

Part#	Size	Price	Part#	Size	Price
GP 4924F	3/4	\$52.00	GP 4936F	1-1/8	\$52.00
GP 4928F	7/8	\$52.00	GP 4940F	1-1/4	\$68.00
GP 4932F	1	\$52.00	GP 4944F	1-3/8	\$84.00

1" Drive, Standard Length Hex Drivers



MM

Part#	Size	Price	Part#	Size	Price
GP 4914M	14	\$52.00	GP 4922M	22	\$52.00
GP 4917M	17	\$52.00	GP 4924M	24	\$52.00
GP 4919M	19	\$52.00	GP 4927M	27	\$52.00





Internal Star Impact Sockets



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

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

Part# GP 1200T = \$80.00 (Set Includes entire listing below)

Part#	Size	Price
GP 1120T	T20	\$12.94
GP 1125T	T25	\$12.94
GP 1127T	T27	\$12.94
GP 1130T	T30	\$12.94
GP 1140T	T40	\$12.94

Part#	Size	Price
GP 1145T	T45	\$12.94
GP 1147T	T47	\$12.94
GP 1150T	T50	\$12.94
GP 1155T	T55	\$12.94



Molded Storage Case

12 Pc - Standard Length Tamper Proof Set

Part# GP 1235TT = \$91.00 (Set Includes entire listing below)

Part#	Size	Drive	Price
GP 910TT	TT10	1/4"	\$16.43
GP 915TT	TT15	1/4"	\$13.08
GP 920TT	TT20	1/4"	\$13.08
GP 925TT	TT25	1/4"	\$13.08
GP 927TT	TT27	1/4"	\$13.08
GP 930TT	TT30	1/4"	\$13.08

Part#	Size	Drive	Price
GP 1140TT	TT40	3/8"	\$15.13
GP 1145TT	TT45	3/8"	\$15.13
GP 1147TT	TT47	3/8"	\$15.13
GP 1150TT	TT50	3/8"	\$15.13
GP 1155TT	TT55	3/8"	\$15.13
GP 2160TT	TT60	1/2"	\$19.41



Molded Storage Case

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

Part# GP 1300T = \$97.00 (Set Includes entire listing below)

Part#	Size	Drive	Price
GP 2130T	T30	1/2"	\$16.14
GP 2140T	T40	1/2"	\$16.14
GP 2145T	T45	1/2"	\$16.14
GP 2147T	T47	1/2"	\$16.14

Part#	Size	Drive	Price
GP 2150T	T50	1/2"	\$16.14
GP 2155T	T55	1/2"	\$16.14
GP 2160T	T60	1/2"	\$17.42
GP 2170T	T70	1/2"	\$17.42



Molded Storage Case

Assorted Drive 12 Piece Internal Star Impact Driver Set

Part# GP 1234T = \$76.00

- (6) 1/4" Drive Star Sizes: T10, T15, T20, T25, T27, T30
- (5) 3/8" Drive Star Sizes: T40, T45, T47, T50, T55
- (1) 1/2" Drive Star Sizes: T60



Molded Storage Case

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

Part# GP 1206T = \$169.00 (Set Includes entire listing below)

Part#	Size	Price
GP 11206T	T20	\$21.92
GP 11256T	T25	\$21.92
GP 11276T	T27	\$21.92
GP 11306T	T30	\$21.92
GP 11406T	T40	\$21.92

Part#	Size	Price
GP 11456T	T45	\$21.92
GP 11476T	T47	\$21.92
GP 11506T	T50	\$21.92
GP 11556T	T55	\$21.92





Triple Star Impact Sockets



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

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

Part#	Size	Drive	Price	Part#	Size	Drive	Price
GP 1105ST	M5	3/8"	\$21.92	GP 1112ST	M12	3/8"	\$21.92
GP 1106ST	M6	3/8"	\$21.92	GP 1114ST	M14	3/8"	\$21.92
GP 1108ST	M8	3/8"	\$21.92	GP 1116ST	M15	3/8"	\$21.92
GP 1110ST	M10	3/8"	\$21.92				



On a Metal Clip Rail

External Star Impact Sockets

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

Part# GP 1219ET = \$42.96 (Set Includes entire listing below)

Part#	Size	Drive	Price	Part#	Size	Drive	Price
GP 1105ET	E5	3/8"	\$5.74	GP 1111ET	E11	3/8"	\$5.74
GP 1106ET	E6	3/8"	\$5.74	GP 1112ET	E12	3/8"	\$5.74
GP 1107ET	E7	3/8"	\$5.74	GP 1114ET	E14	3/8"	\$5.74
GP 1108ET	E8	3/8"	\$5.74	GP 1116ET	E16	3/8"	\$5.74
GP 1110ET	E10	3/8"	\$5.74				



Molded Storage Case

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

Part# GP 1319ET = \$57.00 (Set Includes entire listing below)

Part#	Size	Drive	Price	Part#	Size	Drive	Price
GP 2110ET	E10	1/2"	\$7.00	GP 2118ET	E18	1/2"	\$7.19
GP 2111ET	E11	1/2"	\$7.00	GP 2120ET	E20	1/2"	\$8.25
GP 2112ET	E12	1/2"	\$7.00	GP 2122ET	E22	1/2"	\$8.81
GP 2114ET	E14	1/2"	\$7.00	GP 2124ET	E24	1/2"	\$8.81
GP 2116ET	E16	1/2"	\$7.19				



Molded Storage Case

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

Part# GP 1314U = \$252.00

Part#	Size	Price	Part#	Size	Price
GP 2014U	7/16"	\$18.46	GP 2028U	7/8"	\$21.75
GP 2016U	1/2"	\$18.74	GP 2030U	15/16"	\$22.61
GP 2018U	9/16"	\$18.97	GP 2032U	1"	\$25.08
GP 2020U	5/8"	\$18.97	GP 2034U	1-1/16"	\$26.32
GP 2022U	11/16"	\$20.85	GP 2036U	1-1/8"	\$28.10
GP 2024U	3/4"	\$21.17	GP 2038U	1-3/16"	\$28.72
GP 2026U	13/16"	\$21.65	GP 2040U	1-1/4"	\$29.93

SAE



Molded Storage Case



Universal Impact Sockets

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

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

Part#	Size	Price	Part#	Size	Price
GP 2012UM	12	\$18.45	GP 2019UM	19	\$21.17
GP 2013UM	13	\$18.45	GP 2020UM	20	\$21.65
GP 2014UM	14	\$18.97	GP 2021UM	21	\$21.65
GP 2015UM	15	\$18.97	GP 2022UM	22	\$21.75
GP 2016UM	16	\$18.97	GP 2023UM	23	\$21.99
GP 2017UM	17	\$20.85	GP 2024UM	24	\$22.61
GP 2018UM	18	\$20.85			



Sockets

Pipe Plug Impact Sockets

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

Part# GP 1308P = \$54.00

(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# GP 1311S = \$117.00

(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"



Molded Storage Case

SAE

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

SAE



Part#	Size	Price	Part#	Size	Price
GP 2516S	1/2"	\$6.42	GP 2528S	7/8"	\$10.82
GP 2518S	9/16"	\$7.01	GP 2530S	15/16"	\$14.67
GP 2520S	5/8"	\$7.62	GP 2532S	1"	\$15.91
GP 2522S	11/16"	\$8.28	GP 2534S	1-1/16"	\$16.77
GP 2524S	3/4"	\$9.52	GP 2536S	1-1/8"	\$19.73
GP 2526S	13/16"	\$10.23			

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



Part#	Size	Price	Part#	Size	Price
GP 2008PP	1/4"	\$7.85	GP 2014PP	7/16"	\$9.82
GP 2009PP	9/32"	\$7.85	GP 2016PP	1/2"	\$9.82
GP 2010PP	5/16"	\$7.85	GP 2018PP	9/16"	\$9.82
GP 2012PP	3/8"	\$7.85	GP 2020PP	5/8"	\$11.85



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



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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.

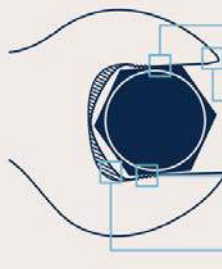
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Fractional Wrenches

SAE

11 Pc Set Fractional/12 Point

Part# WT 911 = \$243.00

(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# WT 915 = \$406.00

(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



11 Pc Set Metric / 12 Point

Part# WT 950 = \$192.00

(Set Includes entire listing below)

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



18 Pc Set Metric / 12 Point

Part# WT 958 = \$384.00

(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

Part#	Size	Price	Part#	Size	Price
WT 1210	5/16"	\$12.39	WT 1226	13/16"	\$23.31
WT 1212	3/8"	\$12.39	WT 1228	7/8"	\$27.86
WT 1214	7/16"	\$13.65	WT 1230	15/16"	\$33.68
WT 1216	1/2"	\$15.07	WT 1232	1"	\$38.24
WT 1218	9/16"	\$15.07	WT 1234	1-1/16"	\$45.24
WT 1220	5/8"	\$17.44	WT 1236	1-1/8"	\$51.00
WT 1222	11/16"	\$18.63	WT 1238	1-3/16"	\$55.00
WT 1224	3/4"	\$20.96	WT 1240	1-1/4"	\$61.00

Metric / 12 Point



Part#	Size	Price	Part#	Size	Price	Part#	Size	Price
WT 12-07 mm	7	\$12.98	WT 12-16 mm	16	\$19.64	WT 11-25 mm	25	\$38.16
WT 12-08 mm	8	\$12.98	WT 12-17 mm	17	\$22.09	WT 11-26 mm	26	\$41.54
WT 12-09 mm	9	\$14.40	WT 12-18 mm	18	\$22.09	WT 11-27 mm	27	\$44.94
WT 12-10 mm	10	\$14.40	WT 12-19 mm	19	\$24.56	WT 11-28 mm	28	\$49.38
WT 12-11 mm	11	\$14.40	WT 12-20 mm	20	\$24.56	WT 11-29 mm	29	\$54.00
WT 12-12 mm	12	\$14.79	WT 12-21 mm	21	\$27.08	WT 11-30 mm	30	\$57.00
WT 12-13 mm	13	\$15.91	WT 12-22 mm	22	\$28.45	WT 11-32 mm	32	\$59.00
WT 12-14 mm	14	\$15.91	WT 12-23 mm	23	\$35.50			
WT 12-15 mm	15	\$18.43	WT 12-24 mm	24	\$37.37			

Specialty Wrenches



Construction Structural Spud Wrenches

Black Industrial Finish

Part#	Size	Price
WT 1740	1-1/4"	\$60.00
WT 1746	1-7/16"	\$80.00
WT 1752	1-5/8"	\$105.00

Broad Head Bull Pins



Part#	Top Diameter	Point Diameter	Length	Price
WT 9A649	1-1/16"	1/4"	10-3/8"	\$29.47
WT 9A650	1-1/4"	5/16"	13-3/4"	\$31.89

Barrel Pins



Part#	Size	Overall Length	Length of Taper	Point Size	Price
WT 9A613	11/16"	6"	2"	5/16"	\$8.39
WT 9A634	13/16"	8"	2-1/2"	3/8"	\$9.38

Chrome Socket Sets

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

Part# WT 223-MC = \$287.00

(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# WT 339-MC = \$417.00

(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# WT 423-MC = \$364.00

- 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 - 1/2" Drive 6 Pt Standard & Deep Length Fractional Socket Set

SAE

Part# WT 40715-MC = \$412.00

(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"



Molded Storage Case

25 Pc - 1/2" Drive 6 Pt Deep Length Metric & Fractional Socket Set

MM

SAE

Part# WT 40767-MC = \$525.00

(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



Molded Storage Case

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

Part# WT 610-MC = \$341.00

(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# WT 305 = \$104.00 (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# WT 311 = \$170.00 (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# WT 316 = \$105.00 (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# WT 353 = \$120.00 (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# WT 360 = \$166.00 (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# WT 453 = \$138.00 (Set Includes entire listing below)

• 6, 8, 10, 12, 14, 17mm

**MM**

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

Part# WT 362 = \$138.00 (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# WT 363 = \$164.00 (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# WT 403 = \$142.00 (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
WT 3204	1/8"	\$13.72	WT 3208	1/4"	\$15.21
WT 3205	5/32"	\$13.72	WT 3210	5/16"	\$15.66
WT 3206	3/16"	\$14.32	WT 3212	3/8"	\$15.66
WT 3207	7/32"	\$15.25			



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

SAE

Part#	Size	Price	Part#	Size	Price
WT 32L04	1/8"	\$13.87	WT 32L08	1/4"	\$15.33
WT 32L05	5/32"	\$13.87	WT 32L10	5/16"	\$15.69
WT 32L06	3/16"	\$14.55	WT 32L12	3/8"	\$15.69
WT 32L07	7/32"	\$15.25			

1/2" Drive, Fractional Hex Bit Sockets

**SAE**

Part#	Size	Price	Part#	Size	Price
WT 4216	1/2"	\$24.56	WT 4220	5/8"	\$28.29
WT 4218	9/16"	\$25.59			

3/8" Drive, Fractional Impact Hex Bit Sockets

**SAE**

Part#	Size	Price	Part#	Size	Price
WT 32B04	1/8"	\$19.30	WT 32B08	1/4"	\$19.30
WT 32B05	5/32"	\$19.30	WT 32B10	5/16"	\$19.30
WT 32B06	3/16"	\$19.30	WT 32B12	3/8"	\$19.30
WT 32B07	7/32"	\$19.30			

1/2" Drive, Fractional Impact Hex Bit Sockets

**SAE**

Part#	Size	Price	Part#	Size	Price
WT 42B08	1/4"	\$21.45	WT 42B16	1/2"	\$21.45
WT 42B10	5/16"	\$21.45	WT 42B18	9/16"	\$21.45
WT 42B12	3/8"	\$21.45	WT 42B20	5/8"	\$21.45
WT 42B14	7/16"	\$21.45			

3/8" Drive, Metric Hex Bit Sockets

**MM**

Part#	Size	Price	Part#	Size	Price
WT 32-02MM	2	\$13.72	WT 32-05MM	5	\$15.21
WT 32-02.5MM	2.5	\$13.72	WT 32-06MM	6	\$15.66
WT 32-03MM	3	\$14.32	WT 32-07MM	7	\$15.66
WT 32-04MM	4	\$15.25	WT 32-08MM	8	\$15.66
			WT 32-10MM	10	\$15.66

1/2" Drive, Metric Hex Bit Sockets

**MM**

Part#	Size	Price	Part#	Size	Price
WT 42-06MM	6	\$19.95	WT 42-12MM	12	\$25.09
WT 42-08MM	8	\$20.66	WT 42-14MM	14	\$26.77
WT 42-10MM	10	\$22.32	WT 42-17MM	17	\$30.66

3/8" Drive, Metric Impact Hex Bit Sockets

**MM**

Part#	Size	Price	Part#	Size	Price
WT 32B-02MM	2	\$19.30	WT 32B-06MM	6	\$19.30
WT 32B-02.5MM	2.5	\$19.30	WT 32B-07MM	7	\$19.30
WT 32B-03MM	3	\$19.30	WT 32B-08MM	8	\$19.30
WT 32B-04MM	4	\$19.30	WT 32B-10MM	10	\$19.30
WT 32B-05MM	5	\$19.30			

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

Sockets

WRIGHT

KNIPEX

MADE IN GERMANY SINCE 1882



SCAN ME!

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KNIPEX

Full Line Catalog!



CoBot® XL



Cobra®



Electrical Installation Pliers



X-Cut®



Pliers Wrench



TwisForce®



KX 87 00 100 SBA



KX 87 01 125 SBA



KX 87 01 180 SBA



KX 87 02 180 SBA



KX 87 02 250 SBA



KX 87 01 250 SBA



KX 87 01 300 SBA



KX 87 02 300 SBA



87 01 400 US



87 01 560 US

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
				
KX 87 00 100 SBA	4"	1"	1"	\$35.41
KX 87 01 125 SBA	5"	1-1/16"	1-1/16"	\$37.03
KX 87 01 150 SBA	6"	1-1/4"	1-3/16"	\$38.04
KX 87 01 180 SBA	7.25"	1-1/2"	1-27/64"	\$40.10
KX 87 02 180 SBA	7.25"	1-1/2"	1-27/64"	\$43.93
KX 87 02 250 SBA	10"	2"	1-3/4"	\$42.49

Part#	Size	Grip Capacity		Price
				
KX 87 01 250 SBA	10"	2"	1-3/4"	\$46.65
KX 87 01 300 SBA	12"	2-3/4"	2-3/64"	\$59.00
KX 87 02 300 SBA	12"	2-3/4"	2-3/64"	\$65.00
KX 87 01 400 US	16"	3-1/2"	3-3/4"	\$100.00
KX 87 01 560 US	22"	4-1/2"	4-3/4"	\$139.00

Pliers

KNIPEX



Cobra® Extra-Slim Water Pump Pliers

• 19 fine adjustments with comfortable gripping position

Part#	Size	Grip Capacity	Price
KX 87 51 250 SBA	10"	1-1/4" 1-3/8"	\$45.19

Cobra® QuickSet Water Pump Pliers

• 25 adjustment positions



Part#	Size	Grip Capacity	Price
KX 87 22 250 SBA	10"	2" 1-3/4"	\$49.17

2 Pc Cobra® Water Pump Pliers Set

Part# KX 00 31 20 V01 US = \$76.00

(Set Includes entire listing below)



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

5 Pc Cobra® Set in Tool Roll

Part# KX 00 19 55 S5 = \$186.00 (Set Includes entire listing below)



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

Cobra® High-Tech Water Pump Pliers Set

Part# KX 00 20 06 US1

\$131.00

(Set Includes entire listing below)



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

3 Pc Comfort Grip Cobra® Set

Part# KX 9K 00 80 05 US = \$135.00

(Set Includes entire listing below)



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

Pliers





Pliers Wrenches S-Type

- Jaws with offset teeth in opposite direction
- Teeth additionally induction-hardened
- Three-point contact on pipes, self-locking

Part#	Size	Grip Capacity		Price
	↔			
KX 83 30 005	10.5"	1-3/8"	1/2"	\$61.00
KX 83 30 010	12.5"	1-21/32"	1"	\$64.00
KX 83 30 015	16.5"	3-3/64"	1-1/2"	\$84.00
KX 83 30 020	21.25"	2-3/4"	2"	\$132.00
KX 83 30 030	26.75"	4-3/4"	3"	\$229.00



83 30 015



Pliers Wrenches S-Type with Rapid Adjustment

- Features jaws with offset teeth in opposite direction for a strong grip
- Teeth are induction hardened for greater durability and longer life

Part#	Size	Grip Capacity		Price
	↔			
KX 83 61 015	16.5"	2-3/64"	1-1/2"	\$122.00
KX 83 61 020	22"	2-3/4"	2"	\$171.00



83 61 010



Jaw Protectors for Pliers Wrench

- Sold as a pack of (3) pairs
- Easy to install - just snap the upper & lower jaws onto pliers wrench jaws
- Non-marring - offers an extra layer of protection for the pliers wrench

Part#	Size	Price
KX 86 09 250 V01	For 10" Pliers Wrench	\$11.04
KX 86 09 300 V01	For 12" Pliers Wrench	\$12.96





KX 86 04 100 SBA



KX 86 03 125 SBA



KX 86 01 180 SBA



KX 86 02 180



KX 86 01 250 SBA



KX 86 02 250 SBA



KX 86 01 300 SBA



KX 86 03 400 US

Pliers Wrenches

Part#	Size	Grip Capacity	Price
	↔		
KX 86 04 100 SBA	4"	3/4"	\$50.00
KX 86 03 125 SBA	5"	7/8"	\$56.00
KX 86 01 150 SBA	6"	1"	\$62.00
KX 86 01 180 SBA	7.25"	1-1/2"	\$55.00
KX 86 02 180	7.25"	1-1/2"	\$58.00

Part#	Size	Grip Capacity	Price
	↔		
KX 86 01 250 SBA	10"	2"	\$65.00
KX 86 02 250 SBA	10"	2"	\$66.00
KX 86 01 300 SBA	12"	2-1/2"	\$84.00
KX 86 03 400 US	16"	3-3/8"	\$157.00

5 Pc Pliers Wrench Set in Tool Roll

Part# KX 00 19 55 S4

\$292.00

(Set Includes entire listing below)



3 Pc Black Pliers Wrench Set

Part# KX 00 20 06 US3

\$177.00

(Set Includes entire listing below)



Part#	Size	Grip Capacity	Adjustment Positions
	↔		
KX 86 03 125	5"	7/8"	11
KX 86 03 150	6"	1"	14
KX 86 03 180	7.25"	1-1/2"	15
KX 86 03 250	10"	2"	19
KX 86 03 300	12"	2-1/2"	24

Part#	Size	Grip Capacity	Adjustment Positions
	↔		
KX 86 01 180	7"	1-1/2"	15
KX 86 01 250	10"	2"	19
KX 86 01 300	12"	2-1/2"	24

Pliers Wrenches





Combination Cutting Pliers

Part#	Size	Price
KX 03 02 200	8"	\$32.93



3-Pc Universal Pliers Set with Cobra®

Part# KX 00 20 08 US2 = \$109.00

(Set Includes entire listing below)

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



3-Pc Top Selling Pliers Set

Part# KX 9K 00 80 156 US = \$123.00

(Set Includes entire listing below)

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

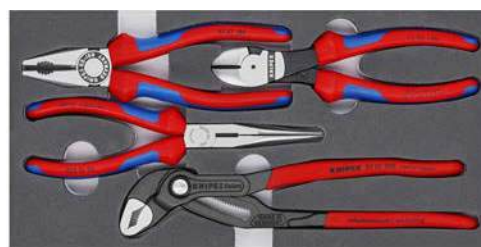


4 Pc Automotive Pliers Set in Foam Tray

Part# KX 00 20 01 V16 = \$151.00

(Set Includes entire listing below)

Part#	Description
KX 08 21 145	Needle-Nose Combination Pliers
KX 74 01 180	High Leverage Diagonal Cutter
KX 28 71 280	Long Reach Needle Nose Pliers, with transverse profiles
KX 28 81 280	Long Reach Needle Nose Pliers, with transverse profiles



Pliers Set "Basic" 4 Pliers in Foam Tray

Part# KX 00 20 01 V15 = \$146.00

(Set Includes entire listing below)

Part#	Description
KX 03 02 180	Combination Pliers
KX 26 12 200	Snipe Nose Side Cutting Pliers
KX 74 02 180	High Leverage Diagonal Cutter
KX 87 01 250	KNIPEX Cobra, High-Tech Water Pump 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
KX 13 72 8 SBA	\$62.00



Extra Long Needle Nose Pliers - Straight Jaws

Part#	Size	Price
KX 28 71 280 SBA	11"	\$48.72



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 mm² and 2.5 mm²)
- Crimp die for end sleeves (ferrules) 12 to 20 AWG (0.5 – 2.5 mm²)
- Cable shears with induction hardened precision cutting edges for copper and aluminum cables up to 19/32" dia. (5 x 2.5 mm² / 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
KX 13 82 8 SBA	8.25"	\$80.00

Extra Long Needle Nose 45° Angled Pliers

Part#	Size	Price
KX 28 81 280 SBA	11"	\$51.00



Needle-Nose Pliers

- Extra long jaws; length of 2 11/64" (55 mm) for hard to reach areas

Part#	Size	Price
KX 31 11 160	6.25"	\$44.17



Snipe Nose Side Cutting Pliers with Cutters

Part#	Size	Price
KX 26 11 200 SBA	8"	\$33.99
KX 26 12 200 SBA	8"	\$42.28



Long Nose 40° Angled Pliers with Cutter

Part#	Size	Price
KX 26 22 200 SBA	8"	\$46.82

Long Nose Pliers without Cutter

Part#	Size	Price
KX 38 11 200	8"	\$36.04





Long Nose Angled Pliers without Cutter

Part#	Size	Description	Price
KX 38 21 200	8"	40° Angled	\$43.46
KX 38 71 200	8	70° Angled	\$47.92



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
- Replaceable 90° tips made of tempered steel

Part#	Size	Price
KX 44 20 J61	23.5"	\$195.00



Internal Snap Ring Pliers - Large

- For assembling snap rings into bores within the range of 9 59/64" - 16" (252-400 mm) diameter
- Replaceable tip part number 44 19 J6

Part#	Size	Price
KX 44 10 J6	22.75"	\$196.00



External Snap Ring Pliers - Large

- For assembling snap rings on shafts, ranging from 9 59/64" - 16" (252-400 mm)
- Replaceable tip part number 46 19 A6

Part#	Size	Price
KX 46 10 A6	22.75"	\$196.00



External 90° Angled Snap Ring Pliers - Large

- For assembling snap rings on shafts, ranging from 9 59/64" - 16" (252-400 mm)
- Replaceable tip part number 46 29 A61

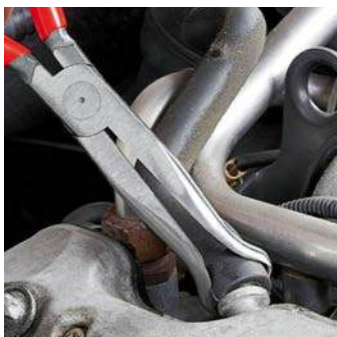
Part#	Size	Price
KX 46 20 A61	22.75"	\$195.00



Mechanics Pliers for Spark Plug Boots

- The 45° angled, half-round jaws make this the perfect tool for gripping spark plugs and round components

Part#	Size	Price
KX 38 91 200	8"	\$45.16





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"

Part#	Size	Price
KX 45 10 170	6.75"	\$60.00



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
KX 45 21 200	8"	\$66.00



4 Pc Snap Ring Pliers Set

Part# KX 00 20 03 SB = \$110.00

(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# KX 00 20 01 V02 = \$160.00

(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# KX 00 20 04 SB = \$215.00

(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





Internal Precision Snap Ring Pliers



Part#	Size	Size of Bore (Internal)	Tips	Price
KX 48 11 J1	5-1/2"	15/32" - 1"	3/64" (Straight)	\$28.94
KX 48 11 J2	7-1/4"	3/4" - 2 3/64"	5/64" (Straight)	\$28.01
KX 48 11 J3	9"	1 37/64" - 3 15/16"	3/32" (Straight)	\$31.57
KX 48 11 J4	12-1/2"	3 11/32" - 5 1/2"	1/8" (Straight)	\$54.00
KX 48 21 J11	5-1/8"	15/32" - 1"	3/64" (90°)	\$30.37
KX 48 21 J21	6-1/2"	3/4" - 2 3/64"	5/64" (90°)	\$31.33



External Precision Snap Ring Pliers



Part#	Size	Size of Shaft (External)	Tips	Price
KX 49 11 A1	5-1/2"	25/64" - 1"	3/64" (Straight)	\$29.40
KX 49 11 A2	7-1/4"	3/4" - 2 3/64"	5/64" (Straight)	\$31.19
KX 49 11 A3	9"	1 37/64" - 3 15/16"	3/32" (Straight)	\$34.82
KX 49 11 A4	12-5/8"	3 11/32" - 5 1/2"	1/8" (Straight)	\$61.00
KX 49 21 A11	5 1/8"	25/64" - 1"	3/64" (90°)	\$31.93
KX 49 21 A21	6 1/2"	3/4" - 2 3/64"	5/64" (90°)	\$34.08





KX 71 31 160 SBA



KX 71 01 200 SBA



KX 71 31 200 SBA



KX 71 02 200 SBA



KX 71 12 200 SBA



KX 71 41 200 SBA

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
KX 71 31 160 SBA	6.25"	\$55.00
KX 71 01 200 SBA	8"	\$64.00
KX 71 31 200 SBA	8" (Notched Blade)	\$68.00
KX 71 02 200 SBA	8"	\$68.00
KX 71 12 200 SBA	8" Spring Loaded	\$74.00
KX 71 41 200 SBA	8" (20° Angled - Notched Blade)	\$84.00
KX 71 22 200 SBA	8" (20° Angled) Spring Loaded	\$81.00
KX 71 31 250 SBA	10" (XL Compact - Notched Blade)	\$84.00



KX 71 22 200 SBA



KX 71 31 250 SBA

Large Bolt Cutters

- Cutting capacity of steel up to 48 HRC
- Robust cutting edges with a hardness of (approx. 62 HRC)

Part#	Size	Price
KX 71 72 460	18.25"	\$126.00
KX 71 72 610	24"	\$137.00
KX 71 72 760	30"	\$179.00
KX 71 72 910	35.75"	\$243.00



Cutters





Diagonal Cutters

- 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



Part#	Size	Price
KX 76 01 125	5"	\$36.39



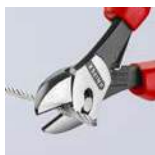
KX 74 01 160

KX 74 21 200 SBA

KX 74 21 250 SBA

High Leverage 12° Angled Diagonal Cutters

Part#	Size	Price
KX 74 01 160	6.25"	\$35.84
KX 74 21 200 SBA	8"	\$41.89
KX 74 21 250 SBA	10"	\$54.00



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
- 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

Part#	Size	Price
KX 73 72 180 BK	7.25"	\$92.00



End Cutting Nippers

- Head shape provides optimized movement when tightening steel mesh knots during reinforced concrete work
- Cut capacity - up to 5/32" / soft, up to 1/8" / medium, up to 3/32" / hard wire
- High-grade special tool steel; forged, multi stage oil-hardened

Part#	Size	Price
KX 68 01 180	7.25"	\$29.39



KX 00 61 10 01 SBA



KX 00 61 10 02 SBA

10 Pc KNIPEXTEND ColorCoded Clips

- Insert a ColorCoded clip into any of the 150+ KNIPEXTEND ready tools
- ColorCoded clips allow you to customize your tools and easily identify them on the jobsite: Your Tool. Your Color. Your way

Part#	Size	Price
KX 00 61 10 01 SBA	(2) of each: Red, Blue, Yellow, Light Gray & Magenta	\$5.22
KX 00 61 10 02 SBA	(2) of each: Green, Dark Gray, Orange, White and Violet	\$5.22



KX 82 01 150 SBA



KX 82 01 200 SBA



KX 82 02 200 SBA



KX 82 01 250 SBA

TwinGrip Pliers

- Unique combination of front and side gripping
- Optimized side jaw with opposing teeth for maximum force
- Front jaw design grips stripped screws
- Side gripping jaws for round, square and hex materials
- The only 5 adjustment push-button slip joint pliers in the market
- Gripcapacity for diameters & widths across flats from 5/32" to 7/8" (4 to 22 mm)
- Reliable gripping of flat workpieces due to the three-point system
- Slim head design for working in confined spaces
- Grip surfaces with special hardened teeth, teeth hardness (approx. 61 HRC)
- Pinch guard prevents operators' fingers being pinched

Part#	Size	Price
KX 82 01 150 SBA	6"	\$31.57
KX 82 01 200 SBA	8"	\$37.27
KX 82 02 200 SBA	8"	\$42.01
KX 82 01 250 SBA	10"	\$46.52



"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
KX 87 41 250 SBA	10"	\$47.36



CutiX Universal Snap Knife

Part#	Size	Price
KX 90 10 165 BKA	6-1/2"	\$28.71



WHITE HORSE
HARDWARE
& SUPPLY STORE



TubiX® Pipe Cutter

- Cuts copper, brass, and high-grade steel quickly and easily with diameters from 1/4" to 1 3/8"
- Spare cutting wheel stored in the handle for quick replacement
- Precision ground deburring tool slides out of the way when not in use

Part#	Size	Price
KX 90 31 02 SBA	7"	\$79.00



Cable Shears

- For cutting copper and aluminum cables, single & multi-stranded wire
- Not suitable for steel wire and hard drawn copper conductors

Part#	Size	Price
KX 95 21 165	6.5"	\$59.00

Cable Shears Twin Cutting Edges



- For cutting copper and aluminum cables
- Not suitable for steel wire and hard drawn copper conductors
- 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

Part#	Size	Price
KX 95 11 200 SBA	8"	\$67.00



Wire Rope Shears

- For cutting wire rope up to 13/64"



Part#	Size	Price
KX 95 61 190 SBA	7.5"	\$68.00

Cable Shears - Twin Cutting Edges 1000V Insulated



- For cutting copper and aluminum cables
- Not suitable for steel wire and hard drawn copper conductors
- 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

Part#	Size	Price
KX 95 18 200 SBA	8"	\$71.00

High Leverage Diagonal Cutters 1000V Insulated



- 20% less effort required compared to conventional diagonal cutters of the same length
- Forged-on axle for heavy-duty work
- High cutting performance with minimum effort due to optimum coordination of the cutting edge angle and transmission ratio

Part#	Size	Price
KX 74 08 200 SBA	8"	\$56.00

Long Nose Pliers with Cutter 1000V Insulated



- Elastic tips; stable even when twisted
- Snipe nose side cutting pliers also known as stork beak pliers
- Half-round, long, pointed jaws

Part#	Size	Price
KX 26 18 200 SBA	8"	\$45.53

High Leverage Lineman's Pliers New England Head-1000V Insulated



- High leverage design requires 50% less effort compared to conventional combination pliers due to an optimized transmission ratio
- Effective cross-hatched knurled gripping zone in the jaws for strong gripping and pulling
- Cutting edges for soft and hard wire, nails and piano wire

Part#	Size	Price
KX 09 08 240 SBA	9-1/2"	\$66.00



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	Max Jaw Opening	Price
CL 806 W	6"	15/16"	\$19.11
CL 808 W	8"	1-1/8"	\$21.09
CL 810 W	10"	1-3/8"	\$25.66
CL 812 W	12"	1-1/2"	\$35.60

Part#	Size	Max Jaw Opening	Price
CL 815	15"	1-5/8"	\$59.00
CL 818	18"	2-1/8"	\$112.00
CL 824	24"	2-7/16"	\$210.00



Made in Spain

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

WIDEAZZ® Slim Jaw

WIDEAZZ®

Part#	Size	Max Jaw Opening	Price
CL 8SWCB	8"	1-1/2"	\$35.66

Part#	Size	Max Jaw Opening	Price
CL 8WCB	8"	1-1/2"	\$31.64



Tongue and Groove Pliers

- **Undercut Channels** - Undercut tongue & groove design won't slip
- **PermaLock®** - PermaLock® fastener eliminates nut and bolt failure
- **Reinforcing Edge** - Patented reinforcing edge minimizes stress breakage
- **Heat-Treated Teeth** - Right angle, laser heat-treated teeth grip better and last longer

Straight Jaw Tongue and Groove Pliers

Part#	Size	Price
CL 426®	6.5"	\$15.08
CL 430®	10"	\$17.75

Part#	Size	Price
CL 440®	12"	\$20.13



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 enduit antirouille idéal.

CHANNELLOCK® usa acero de alto contenido de carbono que produce un rendimiento superior en el trabajo, con un recubrimiento de prevención superior contra la oxidación.

Right angle, laser heat-treated teeth grip better and last longer.

Des dents bisautées en angle droit et thermotraitées au laser assurent une meilleure prise et une bien plus grande durabilité.

Dientes en ángulo recto y termotratados 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.

Los encaches profundos de la zona de articulación evitan cualquier deslizamiento accidental.

Perfil de ranura y lengüeta permite un agarre perfecto sin riesgo de que se cae.

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 fallas de los pernos y las tuercas.

CHANNELLOCK BLUE® comfort grips

Poignées de confort CHANNELLOCK BLUE®

Empuñaduras cómodas CHANNELLOCK BLUE®



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Tongue and Groove Pliers

GripLock® Tongue and Groove Pliers

Part#	Size	Price
CL GL6	6.5"	\$12.96

Part#	Size	Price
CL GL10	9.5"	\$14.22



Oil Filter/PVC Pliers

Part#	Size	Price
CL 209	9"	\$18.42

Part#	Size	Price
CL 212	12"	\$25.49
CL 215	15-1/2"	\$29.56



Cutting Pliers

- **XLT™** - XLT™ 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

XLT™ Diagonal Lap Joint Cutting Pliers

Part#	Size	Price
CL 336	6"	\$22.73

Part#	Size	Price
CL 337	7"	\$21.34



End Cutting Pliers

Part#	Size	Price
CL 357	7.5"	\$24.69



Cable Cutting Pliers

Part#	Size	Price
CL 911	9.5"	\$29.87



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



XLT™ Round Nose Lineman's Pliers

Part#	Size	Price
CL 367	7.49"	\$29.70

Part#	Size	Price
CL 369	9.50"	\$29.91





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
CL 317	8"	\$23.72



Side Cutting Long Nose Pliers with Cutter

Part#	Size	Price
CL 326	6.10"	\$23.11



Slip Joint Pliers

- High Carbon Steel - CHANNELLOCK® uses high carbon steel for superior performance and specially coated for ultimate rust prevention
- PermaLock® fastener eliminates nut and bolt failure
- Serrated Jaw for a firm grip
- Wire cutting shear

Part#	Size	Price	Part#	Size	Price
CL 524	4.78"	\$14.06	CL 528	8.00"	\$12.64
CL 526	6.50"	\$12.27			



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

Part#	Size	Price
CL 908	8.25"	\$20.56



Fence Tool

- Multi-Function - Wire stretcher, splicers and 2 cutters
- Staple Starter and Puller
- Able to hammer

Part#	Size	Price
CL 85	10.38"	\$33.15





Mayhew Tools forges the best tools from the finest materials and during our more than 160-year history have expanded beyond punch and chisel sets to provide a myriad of products for the do-it-yourselfers to the industry professional with the same dedication to upholding true American craftsmanship that Mayhew Tools is known for industry-wide



Mayhew Tools:

Each Mayhew hand tool is warranted to be free from defects in material and workmanship for the life of the tool under normal wear and tear, except for damage caused by misuse or alteration. Return the tool to place of purchase for replacement if warranty applies. This warranty gives you specific legal rights, which vary from state to state.



MayhewSelect & CatsPaw:

FOR TWO YEARS from the date of purchase, this Mayhew hand tool is warranted to be free from defects in material, workmanship, and normal wear and tear, except for damage caused by misuse or alteration. Return the tool to place of purchase for replacement if warranty applies. This warranty gives you specific legal rights, which vary from state to state.

Exclusions:

Warranties do not cover cables and cable assemblies, brass, hollow punches, lights, or batteries which are expendable parts that can wear out from normal use within the warranty period.



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Dominator[®] PRO



Pry Bars



- Used for lifting and prying applications
- 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
- Black oxide finish helps rust prevention • Made in USA



Call for Freight Price

Part#	Description	Overall Length	Price
MH 14117	36-C Dominator 36" Curved Screwdriver Pry Bar	36"	\$72.00
MH 14118	42-C Dominator 42" Curved Screwdriver Pry Bar	42"	\$74.00
MH 14119	48-C Dominator 48" Curved Screwdriver Pry Bar	48"	\$107.00
MH 14120	58-C Dominator 58" Curved Screwdriver Pry Bar	58"	\$117.00



Pry Bars

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
MH 40003	24" Line-Up Pry Bar	24"	\$29.90

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
MH 60150	Includes: 40150 - 1/2" x 12" Ladyfoot Prybar	12"	\$113.00
	40152 - 5/8" x 16" Ladyfoot Prybar	16"	
	40154 - 3/4" x 21" Ladyfoot Prybar	21"	

Screwdriver Pry Bar Sets

- Ergonomically designed handle with a capped end that is forged through the handle for unparalleled strength and durability
- Available in both curved and straight blade styles
- 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
MH 61355	Set Includes: 60140 - 7-C Dominator	12"	\$80.00
	60144 - 12-C Dominator	17"	
	60146 - 18-C Dominator	25"	



Chisels

Black Oxide 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
MH 10102	1/4"	4-1/2"	\$6.18
MH 10202	5/16"	5"	\$6.74
MH 10302	3/8"	5"	\$6.66
MH 10402	1/2"	6"	\$8.18
MH 10502	5/8"	6-1/2"	\$9.20
MH 10602	3/4"	7-1/2"	\$10.26

Part#	Description	Overall Length	Price
MH 10702	7/8"	7-1/2"	\$12.69
MH 10802	1"	8"	\$15.08
MH 12002	1/2"	12"	\$12.48
MH 12102	5/8"	12"	\$12.85
MH 12202	3/4"	12"	\$13.97
MH 12402	1"	12"	\$19.61



Punches

Regular 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
MH 41202	5/16"	4-1/2"	\$5.57
MH 41602	3/8"	5"	\$6.51
MH 41702	1/2"	6"	\$9.15



Regular 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
MH 43902	1/8"	8"	\$7.58
MH 43952	5/32"	9"	\$8.78
MH 44002	3/16"	9"	\$12.72
MH 44102	1/4"	12"	\$15.71
MH 44202	5/16"	12"	\$15.70

Punch & Chisel Holder

- Great for use in tight spaces
- Non-marring nylon contact point up to 1-inch
- Reduces impact shock and vibrations that travel through tools
- Made in the USA

Part#	Price
MH 50301	\$29.89



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
MH 25000	1/16" #1	2-3/4"	\$5.90
MH 25001	5/64" #2	3-1/4"	\$6.19
MH 25002	3/32" #3	3-1/2"	\$6.62
MH 25003	1/8" #4	4"	\$6.80
MH 25004	5/32" #5	4-1/2"	\$7.70
MH 25005	3/16" #6	4-1/2"	\$7.86

Part#	Description	Overall Length	Price
MH 25006	7/32" #7	5"	\$9.06
MH 25007	1/4" #8	5-1/2"	\$10.16
MH 25008	5/16" #9	6"	\$11.17
MH 25009	3/8" #10	6"	\$12.16
MH 25010	7/16" #11	6"	\$13.82
MH 25011	1/2" #12	6"	\$15.54

Black Oxide 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
MH 42002	3/32"	4-1/2"	\$6.46
MH 42102	1/8"	4-1/2"	\$5.39
MH 42202	1/8"	6"	\$6.64

Part#	Description	Overall Length	Price
MH 42302	5/32"	6"	\$6.08
MH 42402	3/16"	6"	\$6.32
MH 42702	1/4"	6"	\$7.86

Black Oxide 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
MH 70122	1/8"	5"	\$6.34
MH 70152	3/16"	5"	\$6.59

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 Punch Set

Part#	Description	Price
MH 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	\$46.65





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
MH 61005	10205 - 1/2" x 6" Black Oxide Cold Chisel	\$40.56
	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
MH 61044	10200 - 1/4" x 5" Black Oxide Cold Chisel	\$92.00
	10202MAY - 3/8" x 5" Black Oxide Cold Chisel	
	10205 - 1/2" x 6" Black Oxide Cold Chisel	
	10209 - 5/8" x 6.5" Black Oxide Cold Chisel	
	10212 - 3/4" x 7.5" Black Oxide Cold Chisel	
	20001 - 1/8" x 5" Black Oxide Solid Punch	
	20002 - 3/16" x 5" Black Oxide Solid Punch	
	21001 - 3/32" x 4.5" Black Oxide Pin Punch	
	21002 - 1/8" x 4.75" Black Oxide Pin Punch	
	21003 - 5/32" x 5" Black Oxide Pin Punch	
	21004 - 3/16" x 5.25" Black Oxide Pin Punch	
	21005 - 1/4" x 5-3/4" Black Oxide Pin Punch	
	22010 - 1/8" x 7-7/8" Black Oxide Line-Up Punch	
	24002 - 3/8" x 5" Black Oxide Center Punch	



24 Pc Punch & Chisel Set

Part#	Description	Price
MH 61050	10402MAY - 1/4" Cape Chisel	\$158.00
	24002 - 3/16-5 mm x 5" Center Punch	
	24003 - 5/16-8 mm x 6" Center Punch	
	10200 - 1/4-6 mm x 5" Cold Chisel	
	10201 - 5/16-8 mm x 5" Cold Chisel	
	10205 - 1/2-13 mm x 6" Cold Chisel	
	10209 - 5/8-22 mm x 6-1/2" Cold Chisel	
	10212 - 3/4-19 mm x 7" Cold Chisel	
	10202MAY - 3/8-10 mm x 5-1/2" Cold Chisel	
	10602MAY - 1/4" Diamond Point Chisel	
	10502MAY - 1/4" Half Round Nose Chisel	
	21001 - 3/32" x 4-1/2" Pin Punch	
	21002 - 1/8" x 4-3/4" Pin Punch	
	21003 - 5/32" x 5" Pin Punch	
	21004 - 3/16" x 5-1/4" Pin Punch	
	21005 - 1/4" x 5-3/4" Pin Punch	
	21019 - 5/16" x 6" Pin Punch	
	23001 - 3/16-5mm x 4 1/2" Prick Punch	
	20000 - 3/32-2.5mm x 5" Solid Punch	
	20001 - 1/8" x 5" Solid Punch	
	20005 - 5/32-4mm" x 5" Solid Punch	
	20002 - 3/16" x 5" Solid Punch	
	20003 - 1/4" x 5" Solid 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
MH 90002	10402 - 1/2" x 6" Cold Chisel	\$35.49
	10502 - 5/8" x 6-1/2" Cold Chisel	
	70202 - 3/8" Cold Chisel	
	70212 - 3/4" 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
MH 89032	42002 - 3/32" x 4-1/2" Pin Punch	\$13.52
	42102 - 1/8" x 4-1/2" Pin Punch	
	71000 - 1/6" Pin Punch	

5 Pc Punch & Chisel Set

Part#	Description	Price
MH 90402	- 1/8" Solid Punch	\$29.83
	74001 - 5/16" Center Punch, 5/32" Point	
	10402 - 1/2" x 6" Cold Chisel, Carded	
	70212 - 3/4" Cold Chisel	



Punch Sets

6 Pc Pilot Punch Set

Part#	Description	Price
MH 62250	25003 - 1/8" #4 x 4" Pilot Punch	\$53.00
	25004 - 5/32" #5 x 4-1/2" Pilot Punch	
	25005 - 3/16" #6 x 4-1/2" Pilot Punch	
	25006 - 7/32" #7 x 5" Pilot Punch	
	25007 - 1/4" #8 x 5-1/2" Pilot Punch	



9 Pc Pilot Punch Set

Part#	Description	Price
MH 62252	25000 - 1/16" #1 x 2-3/4" Pilot Punch	\$72.00
	25001 - 5/64" #2 x 3-1/4" Pilot Punch	
	25002 - 3/32" #3 x 3-1/2" Pilot Punch	
	25003 - 1/8" #4 x 4" Pilot Punch	
	25004 - 5/32" #5 x 4-1/2" Pilot Punch	
	25005 - 3/16" #6 x 4-1/2" Pilot Punch	
	25006 - 7/32" #7 x 5" Pilot Punch	
	25007 - 1/4" #8 x 5-1/2" Pilot Punch	
	25008 - 5/16" #9 x 6" Pilot Punch	





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
MH 47502	1/32", 2/32", and 3/32" Sizes	\$14.34

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
MH 17353	\$13.66

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
MH 17360	\$12.96

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
MH 35002	3" x 7"	\$16.85	MH 35602	1-3/4" x 7-1/2"	\$13.30
MH 35102	3-1/2" x 7-1/4"	\$17.28	MH 35702	2-1/4" x 7-3/4"	\$15.95
MH 35202	4" x 7"	\$20.39	MH 35802	2-3/4 x 7-1/2	\$16.52





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
MH 34502	1-1/8" x 12"	\$14.96



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
MH 98602	7.5" Length	\$8.66



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
MH 41012	11/16" x 24" - Powdercoated Finish	\$18.15
MH 41013	11/16" x 30" - Powdercoated Finish	\$20.64



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
MH 46502	1/4" Scratch Awl with 5-1/2" Blade	\$10.02





4-Pc Mini 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#	Price
MH 60003	\$19.52

4-Pc O-Ring Removal Tool Set

Mayhew's inspection Hooks & Picks mark metal, install & removes cotter pins, O-rings, snap rings, washers, scrape gaskets & remove hoses. Made in Taiwan.



Part#	Price
MH 60028	\$24.32

4-Pc 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#	Price
MH 13096	\$65.00

Extractor Sets

5-Pc Spiral Screw Extractor Kit



Part#	Price
MH 65085	\$18.35

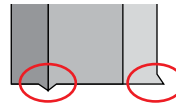
5-Pc Screw Extractor Set



Part#	Description	Price
MH 37332	36961 - Screw Extractor D1/8" S1/4-5/16"	\$27.90
	36962 - Screw Extractor D3/16" S3/8"	
	36963 - Screw Extractor D15/64" S7/16"	
	36964 - Screw Extractor D5/16" S1/2-9/16"	
	36965 - Screw Extractor D3/8" S5/8"	



BONDHUS TIP:
Clean corners and
smooth end



COMPETITOR:
Burr and other
imperfections



SCAN ME!

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Wrenches



- 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

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

SAE

Part#	Size	Price
BH 15702	0.50 x 2.8	\$0.99
BH 15703	1/16 x 3.0	\$0.99
BH 15704	5/64 x 3.2	\$0.99
BH 15705	3/32 x 3.4	\$1.03
BH 15706	7/64 x 3.6	\$1.16
BH 15707	1/8 x 3.8	\$1.20

Part#	Size	Price
BH 15708	9/64 x 4.0	\$1.20
BH 15709	5/32 x 4.2	\$1.27
BH 15710	3/16 x 4.5	\$1.44
BH 15711	7/32 x 4.9	\$1.75
BH 15712	1/4 x 5.6	\$2.02
BH 15713	5/16 x 6.0	\$3.20

Part#	Size	Price
BH 15714	3/8 x 6.8	\$4.49
BH 15715	7/16 x 7.5	\$9.25
BH 15716	1/2 x 7.8	\$11.85
BH 15717	9/16 x 9.0	\$14.50
BH 15718	5/8 x 9.8	\$15.19
BH 15719	3/4 x 11.3	\$25.10

Metric Singles

MM

Part#	Size	Price
BH 15750	1.5 x 3	\$0.99
BH 15752	2.0 x 3.2	\$0.99
BH 15754	2.5 x 3.5	\$1.05
BH 15756	3.0 x 3.9	\$1.18
BH 15760	4.0 x 4.3	\$1.27
BH 15764	5.0 x 4.7	\$1.59

Part#	Size	Price
BH 15768	6 x 5.5	\$2.13
BH 15770	7 x 5.5	\$2.89
BH 15772	8 x 6.0	\$3.42
BH 15774	9 x 6.2	\$4.09
BH 15776	10 x 6.7	\$4.98
BH 15778	11 x 7.9	\$9.16

Part#	Size	Price
BH 15780	12 x 8.7	\$10.99
BH 15782	13 x 9.4	\$13.75
BH 15784	14 x 10.2	\$13.75

BLX13 13-Pc Long - Inch

SAE



Part#	Set Includes	Price
BH 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"	\$16.51

BLX15M 15-Pc Long - Metric

MM



Part#	Set Includes	Price
BH 10999	1.27, 1.5, 2, 2.5, 3, 3.5, 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10mm	\$14.31



Ball End L-Wrenches



BLX22 22-Pc Metric & Inch Combo - Ball End

Part#	Set Includes	Price
BH 20199	10937 (.050-3/8") + 10999 (1.5-10mm)	\$28.17



BLX9MXLCG 9-Pc Extra Long - Metric

Part#	Set Includes	Price
BH 69699	1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm	\$25.04



BLX13XLCG 13-Pc Extra Long - Inch

- Color-coded tools can be distinguished at a glance
- Sizes are stamped on the tool
- Ball End inserts into screw at a 25° angle



BLX22XLCG 22-Pc Metric & Inch Set

Part#	Set Includes	Price
BH 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"	\$28.84

Part#	Set Includes	Price
BH 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"	\$49.57



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
BH 31710	T10 x 2.2	\$1.33	BH 31725	T25 x 2.8	\$1.55	BH 31740	T40 x 3.9	\$1.92
BH 31715	T15 x 2.3	\$1.39	BH 31727	T27 x 3.2	\$1.60	BH 31750	T50 x 3.8	\$2.68
BH 31720	T20 x 2.6	\$1.50	BH 31730	T30 x 3.6	\$1.71	BH 31760	T60 x 3.7	\$6.41

TLX18 8-Pc Long - Torx®

Part#	Set Includes	Price
BH 31834	T9, T10, T15, T20, T25, T27, T30, T40	\$15.07





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
BH 53205 Hex*	3/32 x 6.1	\$4.29
BH 53206 Hex*	7/64 x 6.8	\$4.56
BH 53207 Hex*	1/8 x 7.6	\$4.89

Part#	Size	Price
BH 53208 Hex*	9/64 x 8.3	\$5.15
BH 53109	5/32 x 9.1	\$5.67
BH 53110	3/16 x 9.8	\$5.93

Part#	Size	Price
BH 53111	7/32 x 10.3	\$6.96
BH 53112	1/4 x 10.8	\$7.11
BH 53113	5/16 x 11.4	\$10.54
BH 53114	3/8 x 11.8	\$11.54

Metric Singles



Part#	Size	Price
BH 53252 Hex*	2.0 x 5.9	\$4.80
BH 53254 Hex*	2.5 x 6.8	\$4.80
BH 53256 Hex*	3.0 x 7.7	\$5.15

Part#	Size	Price
BH 53160	4.0 x 8.7	\$5.92
BH 53164	5.0 x 9.7	\$6.69
BH 53168	6.0 x 10.5	\$7.33

Part#	Size	Price
BH 53172	8 x 11.2	\$10.71
BH 53176	10 x 12.1	\$11.63

*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

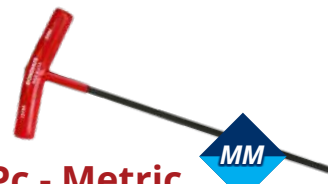
SAE



Part#	Set Includes	Price
BH 13138*	3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8"	\$48.52

BTX80M 8-Pc - Metric

MM



Part#	Set Includes	Price
BH 13187*	2, 2.5, 3, 4, 5, 6, 8, 10mm	\$39.76

*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

- Extremely durable
- Used free standing or wall mounted
- Sizes are clearly marked on stand

Part#	Description	Price
BH 17936	Inch Stand	\$3.16

Part#	Description	Price
BH 17935	Metric Stand	\$3.16



TORX® T-Handles

ProGuard™ Finish

TTHX8 8-Pc - Torx®

- Fits all TORX® and Star screws
- Solid steel handles
- Ergonomic handle design
- Flywheel effect saves time
- Smooth, non-porous handle coating

Part#	Size	Price
BH 33034	T9, T10, T15, T20, T25, T27, T30, T40	\$44.15

*Comes with stand 17934





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
BH 12634	T9, T10, T15, T20, T25, T27, T30, T40	\$14.02

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
BH 12589	5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4"	\$7.08	BH 12522	12589 (5/64-1/4") + 12587 (2-8mm)	\$13.79

HF5 5-Pc Inch



HF7M 7-Pc Metric



Part#	Set Includes	Price	Part#	Set Includes	Price
BH 12585	3/16, 7/32, 1/4", 5/16", 3/8"	\$10.01	BH 12587	2, 2.5, 3, 4, 5, 6, 8mm	\$7.60

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
BH 14585	3/16, 7/32, 1/4", 5/16", 3/8"	\$8.93	BH 14587	2, 2.5, 3, 4, 5, 6, 8mm	\$6.80

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
BH 00009	3/16, 7/32, 1/4, 5/16, 3/8	\$45.53	BH 00010	4, 5, 6, 8, 10mm	\$48.05	BH 00078	T20, T25, T30, T40, T45	\$42.00



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



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T-Handle
Wrenches



Soft Grip Ball End Hex Inch Dual Drive T-Handle

(Set Includes entire listing below)

Part# WA 33498 = \$66.00

Part#	Size	Price
WA 33424	1/8" x 5.9"	\$6.43
WA 33426	9/64" x 5.9"	\$6.43
WA 33428	5/32" x 5.9"	\$6.43

Part#	Size	Price
WA 33430	3/16" x 5.9"	\$7.21
WA 33432	7/32" x 5.9"	\$8.19
WA 33433	1/4" x 5.9"	\$9.47



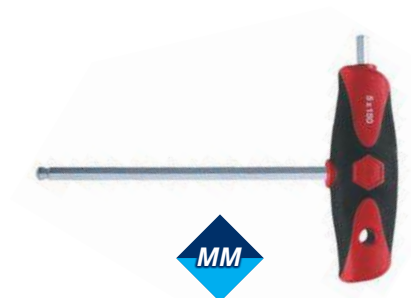
Soft Grip Ball End Hex Metric Dual Drive T-Handle

(Set Includes entire listing below)

Part# WA 33496 = \$70.00

Part#	Size	Price
WA 33442	2.0 x 150	\$6.19
WA 33444	2.5 x 150	\$6.10
WA 33446	3.0 x 150	\$6.75

Part#	Size	Price
WA 33448	4.0 x 150	\$7.38
WA 33450	5.0 x 150	\$8.91
WA 33452	6.0 x 150	\$9.49





Simply better.



Innovation with Tradition

In 1889 Max Bessey founded BESSEY & Sohn as a bright steel drawing plant. Since then, BESSEY has continuously expanded the range of products it offers – beginning with the production of manual clamping tools in the mid 1930s. The strength of BESSEY's innovation is underlined by numerous patents. In 1979, with the takeover of Diener shears factory, BESSEY established its cutting technology unit with the already popular Erdi snips.

In 2004 BESSEY & Sohn was spun off into BESSEY Tool GmbH & Co. KG, handling clamping and cutting technology, and BESSEY Präzisionsstahl GmbH, a leading German supplier of high-quality bright and stainless steels. This unique positioning of BESSEY as a producer of tools and precision steels ensures significant advantages in terms of quality. It allows BESSEY to procure its rails and spindles directly from the in-house drawing plant, giving it precise knowledge of the steel quality that is going into particular components which are subjected to particular high stresses. This is because bright steels are produced and tested at BESSEY Precision Steel with consistently high quality and the utmost precision in cutting-edge facilities.

"To stop improving is to stop being good." The motto of company founder Max Bessey remains true today, as it will in the future, and is the guiding principle to everything that the company does.



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Vices/Clamps

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
BY BV-HD40	4"	4"	2"	13 lbs.	\$80.00
BY BV-HD60	6"	6"	2.375"	27 lbs.	\$129.00



Heavy Duty Industrial Bench Vice

- Guaranteed unbreakable in normal use
- 90,000 PSI drop forged alloy steel construction. 360 degree rotation on swivel base

Part#	Jaw Width	Clamping Capacity	Throat Depth	Weight (approx.)	Price
BY BV-DF8SB	8"	10-1/2"	4-1/8"	74 lbs.	\$658.00



ClassiX® All-Steel Bar Clamps

Designed for heavier applications

Part#	Clamping Capacity	Throat Depth	Clamping Force	Weight (approx.)	Price
BY GSM20	7.5"	4.75"	2660 lbs.	5.20 lbs.	\$78.00
BY GSM25	9"	5.5"	2660 lbs.	5.75 lbs.	\$81.00
BY GSM30	12"	5.5"	2660 lbs.	6.35 lbs.	\$85.00
BY GSM40	16"	5.5"	2660 lbs.	6.70 lbs.	\$96.00
BY GSM50	20"	5.5"	2660 lbs.	7.40 lbs.	\$110.00
BY GSM60	24"	5.5"	2660 lbs.	8.10 lbs.	\$124.00





Simply better.



Deep Reach Pipe Clamps

- Cast jaws for durability, smooth action spindle

Pipe Not Included

Part#	Black Pipe Diameter	Throat Depth	Weight (approx.)	Price
BY PC-34DR	0.75"	2.5"	2.15 lbs.	\$24.34



WHITE HORSE
HARDWARE
& SUPPLY STORE

Traditional Pipe Clamps

- Stable foot assembly
- Pads included on fixture
- Large clamping surface
- Higher (finger-saving) base compared to standard pipe clamps
- Hex head on spindle to facilitate clamping (not to augment clamping force)



Part#	Black Pipe Diameter	Throat Depth	Weight (approx.)	Price
BY PC12-2	0.5"	2.125"	2.02 lbs.	\$18.91



Vices/Clamps

All-Steel Double Force Variable Clamps



Call for Freight Price

Part#	Rail Profile	Clamping Capacity	Throat Depth	Clamping Force	Weight (approx.)	Price
BY SLV100M	1.1875" x 0.5"	39.5"	4.75"	1,450 lbs.	10.5 lbs.	\$138.00
BY SLV150M	1.1875" x 0.5"	60"	4.75"	1,450 lbs.	13.13 lbs.	\$173.00

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
BY WSM-9	7"	1.375"	3.5"	8 lbs.	\$140.00
BY WSM-12	9.5"	2.375"	4.75"	16.10 lbs.	\$185.00

WHITE HORSE
HARDWARE
& SUPPLY STORE



Simply better.



Telescopic Drywall Supports



Part#	Clamping Capacity	Clamping Force at Min.Extension	Clamping Force at Max Extension	Weight (approx.)	Price
BY STE98	58-98"	770 lbs.	350 lbs.	7.46 lbs.	\$62.00
BY STE118	67-118"	770 lbs.	240 lbs.	8.14 lbs.	\$67.00

Steel Spring Clamps

Part#	Clamping Capacity	Throat Depth	Weight (approx.)	Price
BY XM3	1"	1.25"	0.16 lbs.	\$2.40
BY XM5	2"	2.25"	0.36 lbs.	\$3.28
BY XM7	3"	3.3125"	0.80 lbs.	\$6.08
BY XM10	4"	5"	1.15 lbs.	\$12.72



Lever Clamps

- Large tilting pressure plate
- Patented rail profile offers more clamp force
- Trigger protection means fewer pinched fingers
- Secure ratchet mechanism

Part#	Clamping Capacity	Throat Depth	Clamping Force	Weight (approx.)	Price
BY LC8	8"	4"	660 lbs.	2.45 lbs.	\$86.00
BY LC12	12"	5.5"	1200 lbs.	4.95 lbs.	\$106.00
BY LC20	20"	4.75"	1200 lbs.	5.80 lbs.	\$122.00
BY LC31	31"	4.75"	1200 lbs.	6.95 lbs.	\$139.00



GSCC+K, Clutch Style

- Ergonomic 2K handle
- Powder coated, ductile cast iron jaws
- Nickel plated, drawn serrated rail
- Non-marring pads on the top and bottom jaws

Part#	Clamping Capacity	Throat Depth	Load Limit	Weight (approx.)	Price
BY GSCC3.506+2K	6"	3.5"	1100 lbs.	2.34 lbs.	\$18.60
BY GSCC3.512+2K	12"	3.5"	1100 lbs.	2.82 lbs.	\$19.45
BY GSCC3.518+2K	18"	3.5"	1100 lbs.	3.37 lbs.	\$21.16
BY GSCC3.524+2K	24"	3.5"	1100 lbs.	3.73 lbs.	\$22.09
BY GSCC3.536+2K	36"	3.5"	1100 lbs.	4.50 lbs.	\$26.51



EZS Clamps

Part#	Clamping Capacity	Throat Depth	Clamping Force	Spread Capacity	Weight (approx.)	Price
BY EZS15-8	6"	3.5"	445 lbs.	6.5"-14"	1.53 lbs.	\$24.72
BY EZS30-8	12"	3.5"	445 lbs.	6.5"-20"	1.79 lbs.	\$27.05
BY EZS45-8	18"	3.5"	445 lbs.	6.5"-25.75"	2.00 lbs.	\$29.92
BY EZS60-8	24"	3.5"	445 lbs.	6.5"-31.75"	2.28 lbs.	\$30.16
BY EZS90-8	36"	3.5"	445 lbs.	6.5"-43.5"	2.80 lbs.	\$34.22



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
BY WMS-7	41 lbs.	4.75" x 3.25" x 0.5625"	0.69 lbs.	\$9.44





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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

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
HG 1201	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
HG 1202	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
HG 3801	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
HG 3802	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
HG 1401	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
HG 1402	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
HG 9301	\$42.84

3 Pc Regular & Deep Metric Socket Trays



No Sockets Included

Includes Trays:
Item #1202, #1402, #3802

Part#	Price
HG 9302	\$42.84



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Wrench Tray

- Spot missing tools
- Fuel and solvent resistant
- Holds large wrenches up to 1-3/8" or 35mm

Part#	Color	Price
EM 5066	15-Tool (Red)	\$10.02
EM 5068HV	15-Tool (HI-VIZ)	\$10.02
EM 5060	16-Tool (Red)	\$10.02
EM 5063	19 Tool (Red)	\$12.26
EM 5064	19 Tool - Black	\$12.26
EM 5065HV	19 Tool - HI-VIZ	\$12.26



GRIPPER Wrench Organizers

- Durable, flexible teeth
- Easy wrench removal
- Folding space saver handle
- Soft, non-marring material
- Fuel and solvent resistant

Part#	Size	Price
EM 5080	7-Tool (Red)	\$10.63
EM 5084	9-Tool (Red)	\$10.63
EM 5086	11-Tool (Red)	\$11.75
EM 5015	12-Tool (Red)	\$11.75
EM 5013	13-Tool (Red)	\$12.26
EM 5088	15-Tool (Red)	\$12.26
EM 5082HV	15-Tool HI-VIZ	\$12.26

Reversed Wrench Tray

- Space saving reverse design
- Spot missing tools
- Fuel and solvent resistant
- Designed for a standard set of 16 wrenches



Part#	Color	Price
EM 5160	16 Tool - Red	\$10.02
EM 5161	16 Tool - Black	\$14.32

Forward/Reverse Gripper Wrench Pk

- Durable, flexible teeth
- Easy wrench removal
- Space saving design
- Soft, non-marring material
- Fuel and solvent resistant



Part#	Color	Price
EM 8540	Red/Black	\$20.95

15 Tool GRIPPER Reverse Wrench Organizer

- Easy wrench removal - Secure fit
- Folding space saver handle
- Soft, non-marring material
- Fuel and solvent resistant



Part#	Color	Price
EM 5189	Black	\$12.26

20 Tool Magnetic Wrench Pro

- Modular design fits any number of wrenches in a set
- Fits size range 6mm to 38mm or 1/4" to 1 1/2"
- Compact design works well with all wrench types including offset, combination, open end, stubby, and ratcheting



Part#	Size	Price
EM 5403M	20-Tool (Red)	\$24.10
EM 5401M	20-Tool (Black)	\$24.10

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
EM 5072	7-Tool (Red)	\$10.40
EM 5074	10-Tool (Red)	\$10.58

13 Tool Magnetic Modular Screwdriver Pro

- Modular design fits any number of screwdrivers in a set
- Fits broad range of screwdriver types
- ID labels to see screwdriver type & size
- Integrates with the Ernst Wrench Pro
- Base has a no-slip feature
- Magnetic base available



Part#	Size	Price
EM 5603M	13-Tool (Black)	\$20.95
EM 5601M	13-Tool (Red)	\$20.95



10-Tool Plier Pro®

- No-slip plier storage for toolbox drawers
- Holds up to 10 tools in place
- Rubber base on rack grips tools
- Accommodates a wide variety of tools

Part#	Color	Price
EM 5500	Red	\$17.84
EM 5501	Green	\$17.84
EM 5502	Orange	\$17.84
EM 5503	Blue	\$17.84
EM 5505HV	Hi-Viz	\$17.84

8" Magnetic Socket Organizer with (9) Socket Clips - 3/8"

- Magnetic Mount
- 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
EM 8411M	Red	\$18.85
EM 8427M	Black	\$18.85

18" 2-Rail Twist Lock Socket Boss 1/2"

- Secure sockets – even when turned upside down!
- Sockets are loaded with the drive end down
- Push button release to remove any rail
- Unlimited configuration options
- Instantly recognize sockets
- Transportable



Part#	Color	Price
EM 8454	Red	\$26.20

3/8 Ratchet & Extension Tray

Part#	Price
EM 8371	\$20.95

13" Magnetic Socket Organizer with Twist Lock Clips - 1/2"

- Magnetic Mount
- 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
EM 8416M	Red	\$19.90
EM 8425M	Black	\$28.43

Side Mount Ratchet and Extension Holder

- Easy to add-on and reposition
- Visual identification of missing tools
- Hold ratchets and extensions with socket sets



Part#	Color	Price
EM 8353	Black	\$6.15

30 Tool Magnetic Bit Budd - Red/Black

Part#	Color	Price
EM 5750	Red/Black	\$17.80



11 x 16" 10 Compartment Organizer Tray

Part#	Color	Price
EM 5010	Red	\$23.93
EM 5011	Black	\$23.93



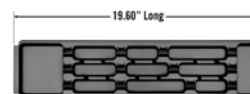
8 Tool V-Slot Screwdriver Organizer

Part#	Color	Price
EM 5350	Gray	\$5.59



3/8" Ratchet and Extension Tray

Part#	Color	Price
EM 8371	Black	\$20.95



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100+ TOOLS

2-Tool Combo Kit

Part#
ML 3497-22
\$258.00



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

1/2" Drill/Driver

Part# ML 3404-22 = \$207.00
Part# ML 3404-20
(Tool Only) = \$154.00



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 Pk, (1) M12™ REDLITHIUM™ XC 4.0 Extended Capacity Battery Pack, (1) Charger, (1) Belt Clip, (1) Carrying Case

Installation Drill/Driver Kit

Part# ML 2505-22 = \$200.00
Part# ML 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

3/8" Right Angle Drill/Driver

Part# ML 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.



5/8" SDS Plus Rotary Hammer

Part# ML 2508-20
(Tool Only) = \$235.00

RPM	0 - 900
BPM	0 - 6,200
2-Mode Operation	Rotary Hammer and Rotation Only
Length/Weight	10.0" / 3.9 lbs.



1/4" Hex Impact Driver Kit

Part# ML 3453-22 = \$196.00
Part# ML 3453-20 (Tool Only) = \$145.00

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# ML 2551-22 = \$207.00
Part# ML 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# ML 2467-20 (Tool Only) = \$118.00

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# ML 2402-20 (Tool Only) = \$148.00

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

Part# ML 2552-20 (Tool Only) = \$188.00

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# ML 2562-22 = \$380.00
Part# ML 2562-20 (Tool Only) = \$188.00

Peak Torque	550 ft-lbs
IPM, RPM	0-3500 IPM
Anvil Type	3/8" Friction Ring
Length/Weight	4.8" / 2.2lb

Kit Includes: 3/8" Stubby Impact Wrench, (1) M12™ REDLITHIUM™ HIGH OUTPUTXC5.0 Battery Pack, (1) M12™ REDLITHIUM™ HIGH OUTPUT CP2.5 Battery Pack, Belt Clip, Charger, Contractor Bag



1/2" Stubby Impact Wrench Kit

Part# ML 2563-22 = \$380.00

Part# ML 2563-20 (Tool Only) = \$216.00

Peak Torque	550 ft-lbs
IPM, RPM	0-3300 IPM
Anvil Type	1/2" Friction Ring
Length/Weight	4.9" / 2.2lb

Kit Includes: 1/2" Stubby Impact Wrench, (1) M12™ REDLITHIUM™ HIGH OUTPUTXC5.0 Battery Pack,(1) M12™ REDLITHIUM™ HIGH OUTPUT CP2.5 Battery Pack , Belt Clip, Charger, Contractor Bag

3/8" Right Angle Impact Wrench with Friction Ring Kit

Part# ML 2564-22 = \$380.00

Part# ML 2564-20 (Tool Only) = \$238.00

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, Bag

1/2" Right Angle Impact Wrench with Friction Ring Kit

Part# ML 2565-22 = \$380.00

Part# ML 2565-20 (Tool Only) = \$238.00

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, Bag

1/4" High Speed Ratchet

Part# ML 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.



M12 FUEL

3/8" Ratchet

Part# ML 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 Kit

Part# ML 2567-22 = \$300.00

Part# ML 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.



Power Tools

3/8" Extended Reach Ratchet

Part# ML 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# ML 2558-22 = \$301.00

Part# ML 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 with ONE-KEY™

Part# ML 2465-20 (Tool Only) = \$754.00

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.

1/2" Digital Torque Wrench with ONE-KEY

Part# ML 2466-20 (Tool Only) = \$754.00

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# ML 2550-20 (Tool Only) = \$270.00

Pull Force	2,000 lbs.
1/8" Rivets per Charge	450
Stroke Length	0.8"
Length/Weight	6.5" / 4.5 lbs.





INSIDER™ Extended Reach Box Ratchet

Part# ML 3050-21 = \$407.00

Part# ML 3050-20 (Tool Only) = \$287.00

Fastening Torque	60 ft.-lbs.
RPM	0 - 350
Anvil Type	Interchangeable 1/4, 3/8, 1/2, 1/4 Hex

Bare Tool Includes: 1/4" & 3/8" Anvil Adapter 8-19mm, 21mm Sockets

Kit Includes: 1/4" & 3/8" Anvil Adapter, 8-19mm, 21mm Sockets, (1) M12™ REDLITHIUM™ HO2.5 Battery Pack, Charger, Contractor Bag



INSIDER™ Box Ratchet 1/2" Anvil Adapter

Part# ML 49-16-1666 = \$15.47



8-Pc INSIDER™ Box Ratchet Socket SAE Set

Part# ML 49-16-1640 = \$50.00

1/4" Straight Die Grinder Kit

Part# ML 2486-22 = \$350.00

Part# ML 2486-20 (Tool Only) = \$216.00

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# ML 3485-22 = \$380.00

Part# ML 3485-20 (Tool Only) = \$216.00

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# ML 48-66-2486 = \$20.38

RPM	0 - 24,500
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Changing wrenches sold separately



See Page 149 for Replacement Couplers

Grease Gun Kit

Part# ML 2446-21XC = \$290.00

Part# ML 2446-20 (Tool Only) \$166.00

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# ML 2429-21XC = \$290.00

Part# ML 2429-20
(Tool Only) = \$228.00

SFPM	280
Blade Size	27"
Cut Capacity	1-5/8" x 1-5/8"
Length/Weight	11.0" / 6.7 lbs.



Kit Inc: (1) M12™ XC3.0 Battery Pk, 18 TPI Sub-Compact Portable Band Saw Blade, Charger, Carrying Case

3-Pk Deep Cut Extreme Thick Band Saw Blade

Part# ML 48-39-0711 = \$21.32



Compact Band Saw

Part# ML 2529-20 (Tool Only) = \$254.00

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# ML 48-39-0630 = \$21.48

12/14 TPI Compact Extreme Thick Metal Band Saw Blade - 3 Pk.

Part# ML 48-39-0631 = \$21.48

Rotary Tool

Part# ML 2525-20 (Tool Only) = \$144.00

Speed Settings	12
RPM	5,000-27,500
Collet	1/8", Universal
Length/Weight	9.1" / .8 lbs



1/2" x 18" Bandfile

Part# ML 2482-20 (Tool Only) = \$254.00

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# ML 2483-20 (Tool Only) = \$254.00

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# ML 2522-21XC = \$250.00

Part# ML 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



Brushless 2" Planer

Part# ML 2524-20 (Tool Only) = \$217.00

RPM	14,500
Blade	2 Carbide
Depth	0 - 5/64" / 21 Settings
Length / Weight	10.9" / 3.38 lbs.

Oscillating Multi-Tool

Part# ML 2526-20
(Tool Only) = \$150.00

Kit Inc: (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# ML 2520-20 (Tool Only) = \$154.00

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# ML 2545-20
(Tool Only) = \$188.00

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# ML 2521-20
(Tool Only) = \$150.00

RPM	3,850
Bevel Capacity	50°
Cut Capacity	1.92" at 90, 1.3" at 45
Blade Guards	Composite
Weight	4.5 lbs



Palm Nailer

Part# ML 2458-20 (Tool Only) = \$158.00

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# ML 2531-20 (Tool Only) = \$150.00

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# ML 48-80-5405 = \$10.01



3" Assorted 80, 120, 180 Grit Mesh Sanding Discs with POWERGRID™ Tear Resistant Mesh 12 pk + Pad Saver

Part# ML 48-80-6405 = \$10.01



3" Random Orbital Detail Sander

Part# ML 2535-20 (Tool Only) = \$188.00

Speed (RPM)	10,000
Pad Size	3.0"
Orbit Diameter	3/32"
Length/Weight	8.4" / 1.9 lbs





6" Random Orbital Sander (3/32")

Part# ML 2584-20 (Tool Only) = \$311.00



Variable Speed	3,200 - 12,000
Pad Size	6"
Orbit Diameter	3/32
Weight	2.1lbs



6" Random Orbital Sander (3/16")

Part# ML 2585-20 (Tool Only) = \$311.00



Variable Speed	3,200 - 12,000
Pad Size	6"
Orbit Diameter	3/16
Weight	2.1lbs

23 Gauge Pin Nailer

Part# ML 2540-21 = \$280.00

Part# ML 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



3/8" Crown Stapler

Part# ML 2447-20 (Tool Only) = \$134.00

Staple Crown Size	3/8" Flat Crown
Staple Length	1/4" - 9/16"
Staple Type	T-50
Length / Weight	7.3" / 3.0 lbs



18 Gauge Compact Brad Nailer

Part# ML 2541-20 = \$280.00

Nail Diameter	18 Gauge
Nail Size	5/8 - 1-1/2
Magazine Loading	Side
Firing Modes	Sequential or Contact Actuation



Cable Stapler

Part# ML 2448-22 = \$300.00

Part# ML 2448-20 (Tool Only) = \$235.00

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, Charger, Carry Case

1" Insulated Cable Staples

Part# ML MNM1-600 = \$16.87





16 Ga. Variable Speed Nibbler

Part# ML 2476-20 (Tool Only) = \$235.00

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

16 Ga Nibbler Replacement Punch & Die Set

Part# ML 48-44-0272 = \$48.91



10 oz. Caulk and Adhesive Gun

Part# ML 2441-20 (Tool Only) = \$174.00

Force	400 lbs.
Inches Per Minute	0 - 29
Speed Settings	6
Auto-Reverse Anti-Drip	Yes
Weight	4.1 lbs.

Spot Polisher

Part# ML 2438-20 (Tool Only) = \$192.00

Polishing RPM	0 - 2,800
Sanding RPM	0 - 8,300
Length/Weight	5.1" / 2.4 lbs.



Soldering Iron

Part# ML 2488-20 (Tool Only) = \$127.00

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



Power Tools

12:1 Infrared Temp-Gun™

Part# ML 2278-20 (Tool Only) = \$101.00

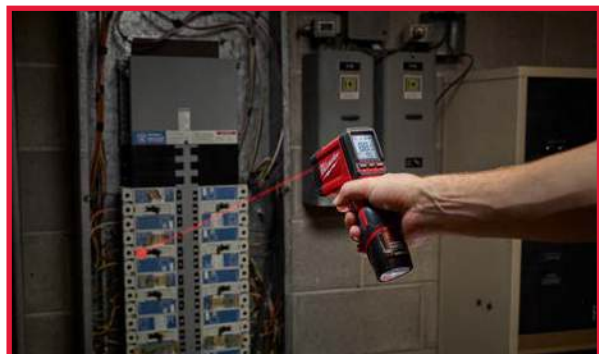
Temp Range	-22°F to 1022°F
MIN MAX AVG DIF	Yes
Alarm Hi - Lo	Yes



9V 12:1 Infrared Temp-Gun™

Part# ML 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# ML 2527-21 = \$260.00

Part# ML 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, (1) M12™ Charger, (1) Oregon 6" Bar & Chain, (1) Scabbard, (1) Srench



6" Chainsaw Bar

Part# ML 49-16-2733 = \$24.36



6" Chainsaw Chain

Part# ML 49-16-2732 = \$25.03



Brushless Pruning Shears

Part# ML 2534-21 = \$241.00

Part# ML 2534-20 (Tool Only) = \$192.00

Cut Capacity	1-1/4"
Trigger	Variable Speed
Length/Weight	14.5" / 3.3 lbs.



Brushless Pruning Shears Holster

Part# ML 49-17-2765 = \$24.60



Brushless Pruning Shears Butting Blade

Part# ML 48-44-2769 = \$27.06



8" Hedge Trimmer

Part# ML 2533-21 = \$241.00

Part# ML 2533-20 = \$192.00

Cut Capacity	1/2
SPM	2,700
Length/Weight	23" / 3.6 lbs



1 Gallon Handheld Sprayer

Part# ML 2528-21G1 = \$183.00



2 Gallon Handheld Sprayer

Part# ML 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 Gal. Handheld Sprayer Tank

Part# ML 49-16-2761 = \$38.40



2 Gal. Handheld Sprayer Tank

Part# ML 49-16-2762 = \$48.00



Compact Spot Blower

Part ML 0852-20 (Tool Only) = \$97.00

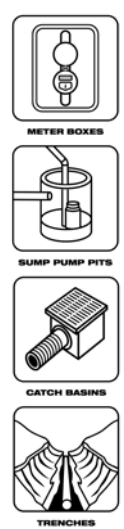
Modes	2 & Variable Speed Trigger
Max Air Speed	110 MPH
Max Air Volume	175 CFM



PLUMBING & MECHANICAL SOLUTIONS



Power Tools



Stick Transfer Pump

Part# ML 2579-20 (Tool Only) = \$198.00

Gallons Per Minute	9
Pump Capacity	15'
Hose Outlet	3/4
Submersible Length	36"
Length / Weight	48.8" / 4.2 lbs.



Force Logic Press Tool Kit

Part# ML 2473-22 = \$2,208.00

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.

Kit Includes: (2) M12™ REDLITHIUM™ CP1.5 Battery Packs, Jaws (1/2", 3/4", 1", Charger, Carrying Case





Plastic Pipe Shear

Part# ML 2470-21 = \$250.00

Part# ML 2470-20 (Tool Only) = \$216.00

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.

Kit Includes: (1) M12™ Lithium-ion Battery Charger, (1) M12™ REDLITHIUM™ CP1.5 Battery Pack, (1) Carry Case



Copper Tubing Cutter

Part# ML 2471-21 = \$243.00

Part# ML 2471-20 (Tool Only) = \$159.00

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.

Kit Includes: (1) M12™ Lithium-ion Battery Charger, (1) M12™ REDLITHIUM™ CP1.5 Battery, (1) Carry Case



Brushless 1-1/4" - 2" Copper Tubing Cutter

Part# ML 2479-20 (Tool Only) = \$426.00

Cut Capacity	1-1/4" - 2" (1-3/8" - 2-1/8" O.D.)
Tubing Type	M, L and K Copper
Length/Weight	12.7" / 5.9 lbs.



ProPEX® Expander with 1/2"-1" RAPID SEAL™ ProPEX® Expander Heads

Part# ML 2532-22 = \$565.00

Part# ML 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



ELECTRICAL SOLUTIONS



Power Tools



Cable Stripper Kit

Part# ML 2435CU-21S
\$519.00

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 THHN / XHHW Bushings

Kit Includes: (1) M12™ REDLITHIUM™ CP2.0 Battery Pack, Multi-Voltage Charger, Carrying Case



TOOL CAPACITY



600 MCM Cable Cutter

Part# ML 2472-21XC = \$565.00

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 \$76.00

Cable Stripper Kit

Part# ML 2435AL-21S
\$472.00

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 Al THHN / XHHW Bushings

Kit Includes: (1) M12™ REDLITHIUM™ CP2.0 Battery Pack, Multi-Voltage Charger, Carrying Case

PACKOUT™ Flood Light with USB Charging

Part# ML 2356-20 = \$122.00



M12™ ROVER™ Multi-Directional Flood Light w/ PACKOUT™ Compatibility

Part# ML 2350-20 = \$95.00



Lumans	High 1,200, Med 600, Low 300
Run Time:	4-16 hours
Device Charging	Yes, USB-C
Mountable	Hang, Magnet Base, Keyhole, Packout
Length / Weight	6.35, 1.54 lbs

Mounting Fan

Part# ML 0820-20
(Tool Only) = \$95.00

Max Air Flow	400 CFM
Speed Settings	High, Medium, Low
Runtime	16 hours on a M12 XC6.0 Battery



1.6 Gallon Wet/Dry Vacuum

Part# ML 0960-20 (Tool Only) = \$125.00

CFM	45
Capacity	1.6 Gallon



Work Light

Part# ML 49-24-0146 (Tool Only) = \$49.21

Lumens	100
Hands Free	Integrated Magnet
Head Rotation	90°



Compact Inflator Kit

Part# ML 2475-21XC = \$225.00

Part# ML 2475-20 (Tool Only) = \$125.00

PSI Rating	0 - 120 PSI 26" Hose
Duty Cycle	50% at 10 Minutes on, 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# ML 2323-21 (Kit) = \$258.00

Screen Size	4.3" LCD Screen
Camera Head Dia.	10mm
Cable Length	4 ft.



Stick Light

Part# ML 2351-20 (Tool Only) = \$54.00

Lumens	220
Length/Weight	9.3" / 0.6 lbs



Trouble Light w/ USB Charging

Part# ML 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
Length / Weight	10.5" / 1.0 lb
USB Charger	2.1A USB Charging Port for External Devices



Charges
USB



Underhood Light

Part# ML 2125-20 (Tool Only) = \$208.00

Lumens	1,350
Modes	High, Low
Mounting	Hooks

Kit Includes: (1) M12™ XC4.0 Battery Pack and Charger

Underbody Light

Part# ML 2126-20 (Tool Only) = \$208.00

Lumens	1,200 / 800 / 600
Modes	High, Medium, Low
Water & Dust Rating	IP54
Mounting	Magnetic Base



ROVER™ Light w/ USB Charging

Part# ML 2367-20 = \$76.00

Lumens	700
Runtime	Up to 24 Hours
Height	5.26"



ROVER™ Flood Light

Part# ML 2364-20
(Tool Only) = \$86.00

Lumens	1,000 / 400 / 200
Modes	High, Medium, Low
Length/Weight	7.5" / 2.2 lbs



Spot Light

Part# ML 2353-20
(Tool Only) = \$76.00

Lumens	750 / 400 / 750
Modes	High, Low, Strobe
Beam Distance	700 yd / 640 m
Length/Weight	6.1" / 1.4 lbs



Penlight

Part# ML 2105 = \$18.20

Lumens	100
Height	5.4"

Includes: (2) AAA Batteries



Rechargeable 250L Penlight with Laser

Part# ML 2010R = \$43.50

Lumens:	250 High, 50 Low
Run Time	2 hours on High 8 hours on Low



REDLITHIUM™ USB 3.0 Battery

Part# ML 48-11-2131 = \$23.00

Amp Hours	3
Voltage	4v



REDLITHIUM™ USB Portable Power Source and Charger Kit

Part# ML 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# ML 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# ML 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# ML 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# ML 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# ML 2128-21

(Tool Only) = \$86.00

Lumens:	550
Vertical Rotation	220°
Run Time	2 hours on High



USB Rechargeable BEACON™ Hard Hat Light Kit

Part# ML 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



Includes: (1) REDLITHIUM™ USB Rechargeable Battery, 2 ft HD USB Cord, Hard Hat Clips

REDLITHIUM™ USB 400L Neck Light

Part# ML 2117-21 = \$87.00

Lumens:	400
Vertical Rotation	130°
Run Time	8 hours



Rechargeable Low-Profile Magnetic Task Light

Part# ML 2013R = \$57.00

Lumens:	500
Modes:	High, Medium, Low
Run Time	4 hrs on High



**RECHARGEABLE
BUILT-IN BATTERY**





Green Cross & Plumb Points Line Laser

Part# ML 3622-21 = \$469.00

Part# ML 3622-20 (Tool Only) = \$374.00

- 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# ML 3624-21 = \$534.00

Part# ML 3624-20 (Tool Only) = \$486.00

- All Day Runtime - 9+ Hours
- Micro Control - Pivots on Point
- 125 ft. Working Range
- Accuracy: +/- 1/8" @ 33 ft
- 210° Horizontal Fan Angle, 165° 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# ML 3632-21 = \$570.00

- 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



M12™ Green 360° 3-Plane Laser w/Automatic Alignment & Receiver

- Automatic Alignment Up-To 125'
- 10+ Hours of Runtime
- Micro Control - Pivots on Point
- 165 ft. Range with Detector
- Automatic Alignment Accuracy: +/- 1/8" @ 125 ft
- Self Leveling: +/- 4° Tilt
- 1m Impact Resistance
- 1/4-20 & 5/8-11 Thread Mount
- Remote Brightness Adjustment - Standard, Boost & Off
- 125 ft. Working Range
- Accuracy: +/- 1/8" @ 33 ft
- Amplified Rare Earth Magnets - Will Not Slide on Steel Studs
- IP54 Rated: Water and Dust Resistant
- ONE-KEY™ Tracking and Tool Management



REDLITHIUM USB Rechargeable Green Cross Line & Plumb Points Laser

Part# ML 3522-21 = \$357.00

- 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 and Plumb Points Laser

Part# ML 48-35-1111
\$15.60

Green Cross Line Laser

Part# ML 3421 = \$224.00

- 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# ML 48-35-1211
\$157.00



12 Ft. Telescoping Laser Pole

Part# ML 48-35-1511
\$146.00

USB-C Travel Charger

Part# ML 48-59-1211 = \$68.00



REDLITHIUM™
3.0 COMPACT
ML 48-11-2430
\$65.00



REDLITHIUM HIGH
OUTPUT XC5.0 Battery
ML 48-11-2450
\$119.00



REDLITHIUM
CP1.5 Battery 2-Pk #
ML 48-11-2411
\$84.00



REDLITHIUM
XC3.0 Battery Pk
ML 48-11-2402
\$74.00



REDLITHIUM
XC6.0 Battery Pk
ML 48-11-2460
\$119.00



REDLITHIUM
CP2.0 Battery Pk
ML 48-11-2420
\$62.00



REDLITHIUM
XC3.0 Battery 2-Pk
ML 48-11-2412
\$120.00



REDLITHIUM HIGH
OUTPUT CP2.5 Battery
ML 48-11-2425
\$73.00



REDLITHIUM
XC4.0 Battery Pk
ML 48-11-2440
\$83.00





M18

**PERFORMANCE DRIVEN
TRADE FOCUSED
SYSTEM WIDE**

**ALL M18[™] TOOLS FIT
M18[™] BATTERIES
200+ TOOLS**



Call for Freight Price



M18 FUEL

1-1/2" Lineman Magnetic Drill Kit

Part# ML 2788-22HD = \$2,974.00

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



Call for Freight Price



M18 FUEL

1-5/8" Electromagnetic Drill Kit

Part# ML 4272-21 = \$1,223.00

Capacity	1-5/8" Annular Cutter; 1/2" Twist Bit
RPM	475 / 730
Magnet	Operates with Electricity
Dimensions (L x W x H)	13" x 7.5" x 15.5"
Weight	30.5 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

PERFORMANCE

M18

COMPACT



M18

**COMPACT
BRUSHLESS**



M18

BRUSHLESS



M18 FUEL
DRIVEN TO OUTPERFORM.



2-Pc Combo Kit

Part# ML 3697-22 = \$414.00

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# ML 3697-27 = \$1,249.00

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# ML 3697-25 = \$901.00

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# ML 2904-22 = \$349.00

Part# ML 2904-20 (Tool Only) = \$225.00

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



3/8" Right Angle Drill/Driver Kit

Part# ML 2615-20 (Tool Only) = \$173.00

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



Mud Mixer with 180° Handle

Part# ML 2810-20
(Tool Only) = \$239.00

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



HOLE HAWG™ 1/2" Right Angle Drill

Part# ML 2807-20 (Tool Only) = \$287.00

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



HOLE HAWG™ Right Angle Drill with QUIK-LOK

Part# ML 2808-20 (Tool Only) = \$287.00

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



SUPERHAWG™ Right Angle Drill with QUIK-LOK™

Part# ML 2809-20 (Tool Only) = \$412.00

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



SUPERHAWG™ 1/2" Right Angle Drill with QUIK-LOK™

Part# ML 2811-20 (Tool Only) = \$412.00

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





1" SDS Plus Rotary Hammer

Part# ML 2912-22 = \$611.00

Part# ML 2912-20 (Tool Only) = \$335.00

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, (1) M18™ & M12™ Multi Voltage Rapid Charger, (1) Side Handle, (1) Depth Rod, (1) Case



1-1/4" SDS Plus D-Handle Rotary Hammer with ONE-KEY™

Part# ML 2916-20 (Tool Only) = \$479.00

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™ HAMMERVAC™ Universal Dust Extractor



1-1/8" SDS Plus Rotary Hammer

Part# ML 2915-20 (Tool Only) = \$431.00

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, (1) M18™ & M12™ Multi Voltage Rapid Charger, (1) Side Handle, (1) Depth Rod, (1) Case



Call for Freight Price

1-9/16" SDS Max Hammer Drill Kit

Part# ML 2717-22HD = \$968.00

Part# ML 2717-20 = (Tool Only) = \$639.00

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



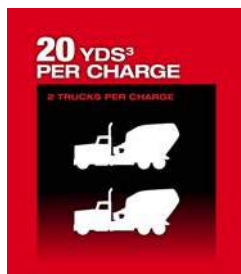


1-3/4" SDS MAX Rotary Hammer with ONE KEY™ Kit

Part# ML 2718-22HD = \$1,223.00

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, Side Handle, Grease Tube, Rapid Charger, Carrying Case



8' Concrete Pencil Vibrator

Part# ML 2911-20 (Tool Only) = \$479.00

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

Part# ML 2866-20 (Tool Only) = \$172.00

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# ML 2953-22 = \$338.00

Part# ML 2953-20 (Tool Only) = \$176.00

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





SURGE™ 1/4" Hex Hydraulic Driver

Part# ML 2761-22 = \$350.00

Part# ML 2761-20 (Tool Only) = \$188.00

Sustained Max Torque	1,000 in-lbs
IPM, RPM	0-3,200, 0-6,200
DRIVE CONTROL™	3 Speeds
Length/Weight	4.3" / 2.4 lbs



Kit Includes: (2) M18™ REDLITHIUM™ XC5.0 Extended Capacity Batteries, (1) M18 & M12 Multi-Voltage Charger, Carry Case, Belt Clip

SURGE™ 1/4" Hex Hydraulic Driver Kit

Part# ML 2760-22 = \$356.00

Part# ML 2760-20 (Tool Only) = \$180.00

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 Batteries, Belt Clip, Bit Holder, Multi-Voltage Charger, Carry Case



3/8" Compact Impact Wrench with Friction Ring Kit

Part# ML 2854-22R = \$474.00

Part# ML 2854-20 (Tool Only) = \$245.00

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 Batteries, Multi-Voltage Charger, Carry Case



3/8" Mid-Torque Impact Wrench w/ Friction Ring Kit

Part# ML 2960-22R = \$488.00

Part# ML 2960-20 (Tool Only) = \$268.00

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



3/8" Replacement O-Ring

Part# ML 34-40-1885 = \$7.00



3/8" Replacement Friction Ring

Part# ML 44-90-1050 = \$7.00



3/8" Controlled Torque Impact Wrench with TORQUE-SENSE™

Part# ML 3060-20 (Tool Only) = \$1,343.00

Fastening Torque	250 ft-lbs
Nut-Busting Torque	250 ft-lbs
IPM, RPM	0 - 3,100, 0 - 2,325
DRIVE CONTROL™	4-Mode
CONTROLLED TORQUE RANGE	50-150 ft.lb
Length/Weight	5.5" / 2.9 lbs



1/2" Compact Impact Wrench w/ Friction Ring

Part# ML 2855-22R = \$474.00

Part# ML 2855-20 (Tool Only) = \$245.00

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 with Friction Ring Kit

Part# ML 2962-22R = \$488.00

Part# ML 2962-20 (Tool Only) = \$268.00

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" Extended Anvil Controlled Torque Impact Wrench with ONE-KEY™

Part# ML 2769-20 (Tool Only) = \$412.00

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



1/2" High Torque Impact Wrench w/ Friction Ring Kit

Part# ML 2967-21F = \$509.00

Part# ML 2967-22 = \$509.00

Part# ML 2967-20 (Tool Only) = \$287.00



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" O-Ring

Part# ML 34-40-0900 = \$7.00



1/2" Friction Ring

Part# ML 44-90-4530 = \$7.00



1/2" Controlled Torque Impact Wrench with TORQUE-SENSE™

Part# ML 3062-20 (Tool Only) = \$1,439.00

Fastening Torque	600 ft-lbs
IPM, RPM	0 - 3,100, 0 - 2,400
DRIVE CONTROL™	4-Mode
CONTROLLED TORQUE RANGE	50-250 ft.lb
Length/Weight	6.6" / 4 lbs



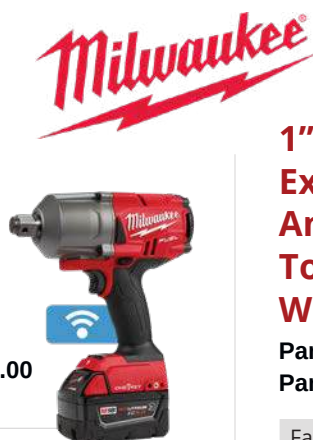
3/4" High Torque Impact Wrench with Friction Ring with ONE-KEY™ Kit

Part# ML 2864-22R = \$692.00

Part# ML 2864-20 (Tool Only) = \$412.00

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" D-Handle Extended Anvil High Torque Impact Wrench w/ONE-KEY™ Kit

Part# ML 2869-22 = \$1,529.00

Part# ML 2869-20 (Tool Only) = \$959.00

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" High Torque Impact Wrench with ONE-KEY™ Kit

Part# ML 2867-20

(Tool Only) = \$863.00

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



1/4" Blind Rivet Tool with ONE-KEY™ Kit

Part# ML 2660-20 (Tool Only) = \$1,055.00

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# ML 2661-20 (Tool Only) = \$1,439.00

Huck Styles	Bobtail, MagnaGrip, CGL, Lockbolt Fasteners
Pull Force	4,500 lbs
Length / Weight	12.1" / 4.68 lbs



1" D-Handle High Torque Impact Wrench with ONE-KEY™ Kit

Part# ML 2868-22 = \$1,529.00

Part# ML 2868-20 (Tool Only) = \$959.00

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



1/4" Lockbolt to Blind Rivet Tool Conversion Kit

Part# ML 49-16-2661R = \$105.00



1/4" Lockbolt Tool w/ ONE-KEY™ Hucktainer® Fastener Adapter

Part# ML 49-16-2661HT = \$39.95





HACKZALL® One-Handed Reciprocating Saw Kit

Part# ML 2719-21 = \$336.00

Part# ML 2719-20 (Tool Only) = \$191.00

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



12-Pc SAWZALL® Demolition Blade Set

Part# ML 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



Power Tools



SAWZALL® Reciprocating Saw - Generation 2

Part# ML 2821-21 = \$356.00

Part# ML 2821-20 (Tool Only) = \$220.00

SPM	0 - 3,000
Stroke Length	1-1/4"
Blade Clamp	Lever-Action QUIK-LOK™ (Accepts all SAWZALL® Blades)
Weight	6.8 lbs

Kit Includes: (1) M18™ REDLITHIUM™ XC5.0 Battery Pack, Multi-Voltage Charger

5-Pc SAWZALL® Carbide Demolition Wood and Metal Cutting Reciprocating Saw Blade Set

Part# ML 49-22-5505 = \$35.03



SUPER SAWZALL® Recip Saw

Part# ML 2722-20 (Tool Only) = \$268.00

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



6-1/2" Circular Saw

Part# ML 2833-20 (Tool Only) = \$220.00

RPM	6,000
Bevel Capacity	50°
Cut Capacity	2-1/4" at 90°; 1-3/4" at 45°
Arbor	5/8"
Blade Guards	Magnesium
Weight	6.3 lbs



7-1/4" Circular Saw

Part# ML 2834-21HD = \$509.00

Part# ML 2834-20 (Tool Only) = \$258.00

RPM	6,000
Bevel Capacity	57°
Cut Capacity	2-5/8" at 90°; 2-1/16" at 45°
Arbor	5/8"
Blade Guards	Magnesium
Weight	7.9 lbs

Kit Includes: (1) M18™ REDLITHIUM FORGE™ HD12.0 Battery Pack, Rapid Charger

Rear Handle Circular Saw

Part# ML 2830-20

(Tool Only) = \$287.00



RPM	5,800
Bevel Capacity	53°
Cut Capacity	2-1/2" at 90°; 1-7/8" at 45°
Arbor	5/8"
Blade Guards	Magnesium
Weight	10.0 lbs

7-1/4" Aluminum Cutting Circular Saw Blade

Part# ML 48-40-4335 = \$46.48



7-1/4" Metal Cutting Circular Saw Blade, 5/8" Arbor

Part# ML 48-40-4235 = \$44.50



Random Orbit Sander

Part# ML 2648-20 (Tool Only) = \$137.00

OPM	12,000
Variable Speed	7,000 - 12,000 OPM
Pad Size	5.0"
Orbit Diameter	3/32"
Weight	2.7 lbs



5" Random Orbital Sander

Part# ML 2837-20

(Tool Only) = \$220.00

OPM	12,000
Variable Speed	4,000 - 12,000 OPM
Pad Size	5.0"
Orbit Diameter	3/32"



Orbital Quarter Sheet Sander

Part# ML 2649-20

(Tool Only) = \$147.00

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# ML 2832-20 (Tool Only) = \$268.00

Trigger Style	Lock on Button
Dust Collection	Bag or Vac Port
Belt Change/Adjustment	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# ML 2623-20 (Tool Only) = \$241.00

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# ML 2723-20 (Tool Only) = \$191.00

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# ML 2838-21 = \$662.00

Part# ML 2838-20 (Tool Only) = \$354.00

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



Kit Includes: (2) M18™ HIGH OUTPUT XC6.0 Battery Pack, Plunge Base, 1/2" & 1/4" Collet, Rapid Charger, Carry Case

1/2" Router Plunge Base

Part# ML 48-10-2838 = \$152.00



D-Handle Jig Saw

Part# ML 2737-20
(Tool Only) = \$220.00

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# ML 2737B-20
(Tool Only) = \$220.00

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# ML 2626-20 (Tool Only) = \$134.00

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# ML 2836-20 (Tool Only) = \$239.00

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# ML 49-10-9112 = \$40.32



Cut Out Tool

Part# ML 2627-20 (Tool Only) = \$133.00

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# ML 2641-20 (Tool Only) = \$295.00



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# ML 48-08-1095 = \$45.18



Call for Freight Price

8-1/4" Table Saw with ONE-KEY™

Part# ML 2736-21HD = \$685.00

Part# ML 2736-20 (Tool Only) = \$508.00

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.

Kit Includes: (1) M18™ REDLITHIUM™ HIGH OUTPUT™ HD12.0 Battery Pack, (1) M18™ & M12™ Rapid Charger, (1) Anti Kick Back Pawls, (1) Blade, (1) Blade Wrench, (1) Guard, (1) Miter Gauge, (1) Riving Knife



Table Saw Stand

Part# ML 48-08-0561 = \$151.00



7-1/4" Dual Bevel Sliding Compound Miter Saw

Part# ML 2733-21 = \$580.00

Part# ML 2733-20 (Tool Only) = \$457.00

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°		

Kit Includes: (1) M18 FUEL™ 7-1/4" Dual Bevel Sliding Compound Miter Saw, (1) M18™ REDLITHIUM™ XC5.0 Extended Capacity Battery Pack, (1) M18™ & M12™ Multi-Voltage Charger, (1) Clamp, (1) Carbide Tipped Blade, (1) Blade Wrench



Call for Freight Price



10" Dual Bevel Sliding Compound Miter Saw

Part# ML 2734-21 = \$662.00

Part# ML 2734-20 (Tool Only) = \$527.00

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°		

Kit Includes: (1) M18 FUEL™ 10" Dual Bevel Sliding Compound Miter Saw, (1) M18™ REDLITHIUM™ HIGH OUTPUT™ XC8.0 Battery, (1) M18™ & M12™ Rapid Charger, (1) Clamp, (1) Carbide Tipped Blade, (1) Blade Wrench, (1) Dust Bag



Call for Freight Price



12" Dual Bevel Sliding Compound Miter Saw with ONE-KEY™

Part# ML 2739-21HD = \$949.00

Part# ML 2739-20 (Tool Only) = \$764.00

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°		

Kit Includes: (1) M18 FUEL™ 12" Dual Bevel Sliding Compound Miter Saw, (1) 12" Miter Saw Blade, (1) M18™ REDLITHIUM™ HIGH OUTPUT™ HD12.0 Battery Pack, (1) M18™ & M12™ Multi-Voltage Charger, (1) Clamp, (1) Handle



Call for Freight Price



Folding Miter Saw Stand

Part# ML 48-08-0551
\$247.00



Call for Freight Price



10" Metal Cutting Circular Saw Blade

Part# ML 48-40-4260
\$63.00





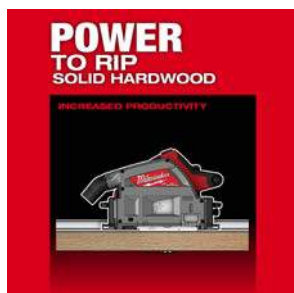
6 1/2" Plunge Track Saw Kit

Part# ML 2831-21 = \$703.00

Part# ML 2831-20 (Tool Only) = \$412.00

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



6-1/2" 24T GP Track Saw Blade

Part# ML 48-40-0624 = \$21.16



6-1/2" 48T Fine Finish Track Saw Blade

Part# ML 48-40-0627 = \$27.10



6-1/2" 52T Laminate Track Saw Blade

Part# ML 48-40-0643 = \$32.14



Call for Freight Price

Guide Rails

Part# ML 48-08-0570
(31") = \$89.00

Part# ML 48-08-0571
(55") = \$134.00

Part# ML 48-08-0572
(106") = \$240.00



Guide Rail Connector

Part# ML 48-08-0574
\$34.69

These connectors allow you to join guide rails to extend their length and make a wider range of cuts. Compatible with Milwaukee® 31", 55", and 106" guide rails.



Track Anti Slip Strip

Part# ML 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# ML 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# ML 48-08-0576 = \$71.00

For use with Milwaukee® 31" and 55" guide rails.
Durable outer material handle.



Guide Rail Clamps

Part# ML 48-08-0573 = \$34.80

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# ML 2746-20 (Tool Only) = \$305.00

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



15 Gauge Finish Nailer

Part ML 2839-20 (Tool Only) = \$348.00

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



18 Gauge 1/4" Narrow Crown Stapler Kit

Part# ML 2749-20 (Tool Only) = \$335.00

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



16 Gauge Finish Nailer Kit

Part# ML 2841-20
(Tool Only) = \$348.00

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# ML 3020-20
(Tool Only) = \$356.00

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



Coil Roofing Nailer

Part# ML 2909-20
(Tool Only) = \$438.00

Max Fire Rate	6 Nails per Second
Firing Modes	Sequential or Contact Actuation



30° Framing Nailer Kit

Part# ML 2745-20 (Tool Only) = \$438.00

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 Extended Magazine

Part# ML 48-08-2745 = \$123.00



21° Framing Nailer

Part# ML 2744-20 (Tool Only) = \$438.00

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



Duplex Nailer

Part# ML 2844-20 (Tool Only) = \$560.00

Nail Size	2-1/4" - 3"
Nail Collation	20° - 22°
Magazine Capacity	45 Nails
Max Fire Rate	4 Nails per Second
Firing Modes	Sequential or Contact Actuation

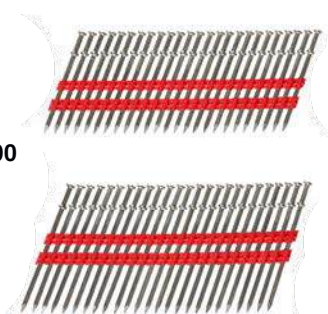


8D 2-1/4" x .131" Collated Duplex Nails - 2000 PK

Part# ML MDP8D-2000 = \$68.00

16D 3" x .131" Collated Duplex Nails - 2000 PK

Part# ML MDP16D-2000 = \$76.00



Utility Fencing Stapler

Part# ML 2843-20
(Tool Only) = \$662.00

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. Galv. Staples (960 Pk)

Part# ML MPU134-960 = \$98.00

2" - 9 Ga. Galv. Staples (960 Pk)

Part# ML MPU2-960 = \$100.00





2 Gallon Compact Quiet Compressor

Part# ML 2840-20 (Tool Only) = \$356.00

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# ML 2786-22HD = \$1,019.00

Part# ML 2786-20 (Tool Only) = \$575.00

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



UP TO 50% LIGHTER THAN GAS

GREATER PORTABILITY

LEADING GAS COMPETITOR 26.2 lbs

MILWAUKEE CORDLESS 11.9 lbs

POWER TO CUT REINFORCED CONCRETE

INCREASED PRODUCTIVITY

HEAVY

REINFORCED CONCRETE

DUCTILE

CAST IRON

REBAR

BLOCK

SCORING CONCRETE

PAVER/STONE

PVC

LIGHT



Compact Band Saw

Part# ML 2829-22 = \$591.00

Part# ML 2829-20 (Tool Only) = \$335.00

SFPM	0 - 540	LED Light	Yes
Cut Capacity	3-1/4" x 3-1/4"	Weight	7.7 lbs
Shoe	Tool-Free Locking		

Kit Includes: (1) M18™ REDLITHIUM™ HIGH OUTPUT CP3.0 Battery Pack, Blades, Multi-Voltage Charger



Deep Cut Extreme Thick Band Saw Blade - 3 pk

Part# ML 48-39-0609 = \$21.78

Compact Extreme Thin Band Saw Blade - 3 pk

Part# ML 48-39-0619 = \$21.78



Deep Cut Band Saw Kit

Part# ML 2929-22 = \$743.00

Part# ML 2929-20 (Tool Only) = \$383.00

SFPM	0 - 380	LED Light	Yes
Cut Capacity	5" x 5"	Weight	10.5 lbs
Shoe	Tool-Free		

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# ML 48-39-0601 = \$22.22

Thin Metal Deep Cut Band Saw Blade - 3 pk

Part# ML 48-39-0611 = \$22.22

Metal Cutting Circular Saw

Part# ML 2782-20 (Tool Only) = \$268.00

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# ML 48-40-4070 = \$26.82



8" Metal Cutting Circular Saw

Part# ML 2982-20

(Tool Only) = \$479.00

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# ML 48-40-4515 = \$49.56

8" Aluminum Cutting Circular Saw Blade

Part# ML 48-40-4345 = \$51.00





14" Abrasive Chop Saw



Part# ML 2990-20
(Tool Only) = \$442.00

- 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



4-1/2" / 5" Grinder, Paddle Switch No-Lock

Part# ML 2880-20 (Tool Only) = \$220.00

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" Grinder, Slide Switch Lock-On

Part# ML 2881-20 (Tool Only) = \$220.00

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" Braking Grinder with ONE-KEY™, Paddle Switch No-Lock

Part# ML 2882-20 (Tool Only) = \$268.00

Switch Type	Paddle, No-Lock
No Load RPM	8,500
Spindle	5/8" - 11
E-Clutch / Kickback Protection	Yes
Overload Protection	Yes
Tool-Free Guard Change	Yes
Tool-Free Accessory Change	Yes
Length / Weight	13.2" / 3.15 lbs





A Fabrication Shop Favorite!



4-1/2" / 5" Flathead Braking Grinder, Paddle Switch No-Lock

Part# ML 2886-20 (Tool Only) = \$316.00

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" Flathead Braking Grinder, Slide Switch Lock-On

Part# ML 2887-20 (Tool Only) = \$316.00

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" Variable Speed Braking Grinder, Paddle Switch No-Lock

Part# ML 2888-20 (Tool Only) = \$268.00

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	13.18" / 3.16 lbs



4-1/2" / 5" Variable Speed Braking Grinder, Slide Switch Lock-On BT

Part# ML 2889-20 (Tool Only) = \$268.00

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

4-1/2"/5" Dual-Trigger Braking Grinder

Part# ML 2986-20 = \$364.00

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"-7" Variable Speed Braking Grinder, Paddle Switch with ONE-KEY™

Part# ML 3674-20 = \$358.00

Wheel Diameter	4-1/2" - 7"
Switch Type	Paddle Switch
No Load RPM	5,000 - 8,400
Spindle	5/8" - 11
E-Clutch / Kickback Protection	Yes
Overload Protection	Yes
Tool-Free Guard Change	Yes
Anti-Vibration Handle	Yes
Weight	5.5 lbs



4-1/2"-6" Braking Grinder Kit Paddle Switch



Part# ML 3670-22 = \$651.00

Part# ML 3670-20 (Tool Only) = \$263.00

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

Kit Includes: (2) M18™ REDLITHIUM™ HIGH OUTPUT™ XC6.0 Battery Packs, T27 Guard, Side Handle, Back Flange, FIXTEC™ Nut, Wrench, Rapid Charger, Contractor Bag

7" / 9" Large Angle Grinder



Part# ML 2785-20

(Tool Only) = \$335.00

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

5/8"-11 Fixtec Nut for Grinders



Part# ML 05-59-0016 = \$15.99

1/4" Braking Die Grinder



Part# ML 2939-20 (Tool Only) = \$268.00

Collet Size	1/4"
RPM	20,000
Switch Type	Slide, Lock-On
Length/Weight	18.0" / 4.6 lbs

15mm Random Orbital Polisher



Part# ML 2684-20

(Tool Only) = \$316.00

Trigger	Variable Speed
Speed Settings	8-position
RPM	2,650 - 5,100
Length/Weight	17.26" / 5.16lbs

21mm Random Orbital Polisher



Part# ML 2685-20

(Tool Only) = \$335.00

Trigger	Variable Speed
Speed Settings	8-position
RPM	2,400 - 4,500
Length/Weight	17.28" / 5.61lbs

Compact Heat Gun



Part# ML 2688-20 (Tool Only) = \$152.00

Temperature	750° F
Guarded Nozzle	Yes
Ladder Hook	Yes
Length / Weight	6.4" / 3.3 lbs

Heat Gun Tip Set

Part# ML 49-80-0300 = \$39.02



1/4" Variable Speed, Braking Die Grinder, Paddle Switch w/ ONE-KEY™



Part# ML 2984-20 (Tool Only) = \$316.00

Collet Size	1/4"
RPM	20,000
Switch Type	Paddle Switch
Length/Weight	12.3" / 3.1lbs





10 Gauge Nibbler

Part# ML 3476-20 (Tool Only) = \$660.00

Capacity	10g Mild Steel, 12g Stainless Steel
Radius	2"
Variable Speed	Yes
Feet Per Minute	5'
Length / Weight	16.3, 7.6lbs



10 Ga. Nibbler Punch & Die Set

Part# ML 48-44-0274 = \$71.00



1/2" - 1" Steel Pipe Cutter

Part# ML 3469-20 (Tool Only) = \$406.00

Blade Guard	Yes
Capacity	1/2" - 1" Pipe (1-5/16" OD)
Length / Weight	10.5, 6.6 lb



#10 (1-1/4") Rebar Cutter

Part# ML 3675-20 (Tool Only) = \$754.00

Rapidstop Brake	Yes
Speed	2 seconds #5
Length / Weight	17.25, 6.9lb

1/2" - 1" Steel Pipe Cutting Blade

Part# ML 48-44-4062 = \$39.80



#10 (1-1/4") Rebar Cutting Blade

Part# ML 48-40-4064 = \$63.00





FOR USE WITH

**STAINLESS
STEEL**



Stainless Capacity:
16 Gauge

**MILD
STEEL**



Mild Steel Capacity:
14 Gauge

14 Ga. Double Cut Shear - Brushed

Part# ML 2636-20 (Tool Only) = \$344.00

Head	14 Ga Double Cut
360° Tool-Free Rotating Head	Yes
Variable Speed	Yes
Length / Weight	17.3" / 6.2 lbs



FOR USE WITH

**STAINLESS
STEEL**



Stainless Capacity:
16 Gauge

**MILD
STEEL**



Mild Steel Capacity:
14 Gauge

18 Ga. Single Cut Shear - Brushed

Part# ML 2637-20 (Tool Only) = \$344.00

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# ML 2646-21CT = \$330.00

Part# ML 2646-20 (Tool Only) = \$275.00

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, Carry Case

Replacement Grease Gun Hose with High Pressure Coupler

Part# ML 49-16-2647 = \$27.62



High Pressure Grease Coupler - 2 Pack

Part# ML 49-16-2649 = \$13.69



Right Angle Grease Coupler

Part# ML 49-16-2648 = \$18.16





Brushless Threaded Rod Cutter

Part# ML 2872-20 (Tool Only) = \$376.00

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# ML 48-44-2872 = \$63.00



Compact 1-Ton Chain Hoist with ONE-KEY

Part# ML 2983-22HD = \$4,589.00

Lifting Capacity	1 Metric Ton (2,204 lbs)
Pendent	Wireless Remote with Hoist Battery Indicator
Chain Length	20'
Weight	46 lbs

Kit Includes: (2) M18 REDLITHIUM HIGH OUTPUT HD12.0 Batteries, Wireless Remote, Rapid Charger, Rolling Tool Box



Call for Freight Price



ELECTRICAL SOLUTIONS



Power Tools

FORCE LOGIC™ 6 Ton Knockout Tool Kit - 1/2" - 2"

Part# ML 2677-21 = \$1,215.00

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



Call for Freight Price



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# ML 2677-23 = \$1,575.00

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



Call for Freight Price



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# ML 2676-22 = \$1,800.00

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# ML 2676-23 = \$2,070.00

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 & Dies; **Kits Include:** (3) Draw Studs, Quick-Connect Alignment System, Multi-Voltage Charger, Carry Case

FORCELOGIC™ Cable Cutter Kit w/ 750 MCM Cubic Jaws

Part# ML 2672-21 = \$1,800.00

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, Carry Case

FORCE LOGIC™ 600 MCM Crimper Kit

Part# ML 2679-22 = \$2,699.00

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# ML 2935AL-21 = \$509.00

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, Carry Case



Cable Stripper Kit with 17 Cu. THHN / XHHW Bushings

Part# ML 2935CU-21S = \$557.00

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# ML 49-16-BKITC
\$431.00



1/0 AWG 750 MCM Al THHN / XHHW Bushing Kit

Part# ML 49-16-BKITA
\$384.00





PLUMBING & MECHANICAL SOLUTIONS

Short Throw Press Tool Kit with PEX Crimp Jaws

Part# ML 2674-22C = \$767.00

Capacity	Up to 1"
Cycle Time	3 Seconds
Auto Cycle	Yes
Length / Weight	13.5" / 4.8 lbs.

Kit Includes: (2) M18™ REDLITHIUM™ CP2.0 Battery Packs, Jaws 1/2", 3/4" 1", Blades, Multi-Voltage Charger, Carry Case



FORCE LOGIC™ Press Tool with One-Key™

Part# ML 2922-22 = \$4,031.00

Capacity	Up to 2"
Cycle Time	4 Seconds
Auto Cycle	Yes
Length / Weight	19.2" / 5.6 lbs.

Kit Includes: 2922-22 (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")





FORCE LOGIC™ Long Throw Press Tool Kit

Part# ML 2773-22L = \$3,936.00

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# ML 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# ML 2870-22 = \$2,303.00

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"





Pipe Threader with ONE-KEY™ Kit

Part# ML 2874-22HD = \$1,980.00

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# ML 48-36-1060 = \$1,399.00



HEAD & LIFT HEIGHTS

75'
MAXIMUM
HEAD HEIGHT

18'
MAXIMUM
LIFT HEIGHT



Transfer Pump (Brushed)

Part# ML 2771-20 (Tool Only) = \$239.00

Gallons Per Hour	480	Self-Priming	Yes
Gal. Per Battery (XC3.0)	144	Fittings	3/4" Brass Inlet and Outlet
Maximum Lift	18'	Weight	7.5 lbs
Max Head Height	75'		



Brushless Stick Transfer Pump

Part# ML 2940-20 (Tool Only) = \$412.00

Gallons Per Minute	25
Outlet	1-1/4" NPT or (2) 3/4" Garden Hose
Submersible Reach	48"
Length / Weight	63in, 11.4lb



Milwaukee®

OUTDOOR POWER EQUIPMENT



HATCHET™ 8" Pruning Saw

Part# ML 3004-20 (Tool Only) = \$275.00

Bar Length	8"
Chain Gauge	.43
Chain Pitch	3/8
RPM	2600
Length/Weight	19.8" / 4.9 lbs



12" Top Handle Chainsaw

Part# ML 2826-20C (Tool Only) = \$343.00

Bar Length	12"	RPM	7,700
Chain Gauge	.43	Length/Weight	22.6" / 8.2 lbs
Chain Pitch	3/8		



8" Pruning Guide Bar

Part# ML 49-16-2751 = \$27.04



12" Top Handle Chainsaw Guide Bar

Part# ML 49-16-2743 = \$39.60

8" Pruning Saw Chain

Part# ML 49-16-2750 = \$23.73



12" Top Handle Chainsaw Chain

Part# ML 49-16-2742 = \$26.00



TOOL OPTIMIZED FOR

M18 REDLITHIUM FORGE™

**MOST POWER
FASTEST CHARGING
LONGEST LIFE**

M18 REDLITHIUM FORGE HD12.0 BATTERY 48-11-MH3
BATTERY NOT INCLUDED

M18 REDLITHIUM FORGE XC8.0 BATTERY 48-11-MH3
(1) BATTERY INCLUDED

ALL M18™ BATTERIES FIT M18™ TOOLS



Call for Freight Price

14" Top Handle Chainsaw Kit

Part# ML 2826-21T = \$491.00

Part# ML 2826-20T (Tool Only) = \$343.00

Bar Length	14"	RPM	7,700
Chain Gauge	.43	Length/Weight	25.12" / 8.4 lbs
Chain Pitch	3/8		

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# ML 49-16-2745
\$43.20

14" Top Handle Saw Chain

Part# ML 49-16-2744
\$26.00



Top Handle Chainsaw Case

Part# ML 49-16-2746 = \$85.00



Call for Freight Price

14" Chainsaw

Part# ML 2727-20C (Tool Only) = \$314.00

Bar Length	14"	RPM	6600
Chain Gauge	.043"	Length/Weight	33" / 13.9 lbs
Chain Pitch	3/8" Low Profile		



14" Replacement Chainsaw Bar

Part# ML 49-16-2756 = \$28.42



14" Saw Chain

Part# ML 49-16-2749
\$22.49



Call for Freight Price

16" Chainsaw Kit

Part# ML 2727-21HD = \$509.00

Part# ML 2727-20 (Tool Only) = \$324.00

Bar Length	16"	RPM	6,600
Chain Gauge	.043"	Length /Weight	33.0" / 13.9 lbs
Chain Pitch	3/8" Low Profile		

Kit Includes: (1) M18™ HIGH OUTPUT™ HD12.0 Battery Pack, 16" Oregon® Bar and Chain, Srench, Scabbard, Rapid Charger

Chainsaw Case

Part# ML 49-16-2747
\$85.00



16" Replacement Chainsaw Bar

Part# ML 48-09-3001
\$29.58



16" Saw Chain

Part# ML 49-16-2715
\$23.23



Call for Freight Price

20" Dual Battery Chainsaw

Part# ML 2827-22 = \$884.00

Bar Length	20"
Chain Gauge	.05"
Chain Pitch	.325" Low Profile
Power	70cc
RPM	6,600
Length/Weight	33.0" / 13.9 lbs

Kit Includes: (2) REDLITHIUM™ FORGE™ XC8.0 Batteries, M18™ Simultaneous Dual Bay Rapid Charger, Scabbard, and Scrench



Call for Freight Price

21" Self-Propelled Dual Battery Mower Kit

Part# ML 2823-22HD = \$1,201.00

Part# ML 2823-20 (Tool Only) = \$800.00

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 w/ 2 HD12.0 Batteries
Weight with Batteries	85 lbs.

Kit Includes: (2) M18™ REDLITHIUM™ HIGH OUTPUT™ HD12.0 Battery Pack, (1) M18™ Dual Bay Simultaneous Rapid Charger, (1) Grass Bag, (1) Mulch Plug, (1) Rear Side Discharge Chute



20" .325" Pitch, .050" Gauge Saw Chain

Part# ML 49-15-2752 = \$28.80



20" .325" Pitch, .050" Gauge Guide Bar

Part# ML 49-16-2755 = \$47.52



21" Mower Blade

Part# ML 49-16-2734 = \$32.05



21" High Lift Mower Blade

Part# ML 49-16-2735 = \$38.26



21" Mower Cover

Part# ML 49-16-2736
\$28.80



Power Tools



17" Dual Battery String Trimmer

Part# ML 3006-22 = \$688.00

Part# ML 3006-20 (Tool Only) = \$392.00

Cutting Swath	17"
Line Diameter	.080" / .095" / 0.105"
RPM	0 - 4,900 / 0 - 6,200
Trigger	Variable Speed
Feed System	Bump Feed
Weight	16.4 lbs

Kit Includes: (2) M18™ REDLITHIUM™ HIGH OUTPUT™ XC8.0 Battery, (1) M18™ Dual Bay Simultaneous Rapid Charger, (1) Easy Load Trimmer Head, (1) Shoulder Harness

M18 FUEL VS. GAS		
	MILWAUKEE® 3006	LEADING 31cc GAS COMPETITOR
PEAK TORQUE	2.5 Nm	1.5 Nm
PEAK POWER	2.4 HP	1.4 HP
THROTTLE RESPONSE	Instant	Gas pull start
VIBRATION	1.5 m/s²	4.6 m/s²
LOWER NOISE	80 dB(A)	97 dB(A)




String Trimmer Kit with QUIK-LOK™

Part# ML 3016-21ST = \$343.00

Part# ML 3016-20ST (Tool Only) = \$245.00

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™ XC8.0 FORGE Battery Pack, Rapid Charger



String Trimmer & Blower Combo Kit

Part# ML 3031-21HD = \$491.00

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



Power Head with QUIK-LOK™

Part# ML 3016-20 = \$196.00

10" Pole Saw Guide Bar



Part# ML 48-09-5001 = \$24.57

10" Chainsaw Chain

Part# ML 49-16-2723 = \$21.84



String Trimmer Attachment
Part# ML 49-16-2717 = \$147.00



Edger Attachment
Part# ML 49-16-2718 = \$127.00



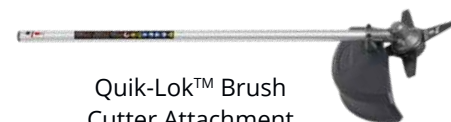
Articulating Hedge Trimmer Attachment
Part# ML 49-16-2719 = \$196.00



10" Pole Saw Attachment
Part# ML 49-16-2720 = \$176.00



3' Attachment Extension
Part# ML 49-16-2721 = \$78.00



Quik-Lok™ Brush
Cutter Attachment
Part# ML 49-16-2738
\$166.00



QUIK-LOK™ Reciprocator Attachment
Part# ML 49-16-2794 = \$383.00



QUIK-LOK™ Blower Attachment
Part# ML 49-16-2793 = \$162.00



QUIK-LOK™ Hedge Trimmer Attachment
Part# ML 49-16-2796 = \$172.00



QUIK-LOK™ Bed Redefiner Attachment
Part# ML 49-16-2795 = \$287.00



QUIK-LOK™ Cultivator Attachment
Part# ML 49-16-2739 = \$239.00



Quik-Lok™
Bristle Brush Attachment
Part# ML 49-16-2741 = \$294.00



Quik-Lok™
Rubber Broom Attachment
Part# ML 49-16-2740 = \$294.00



Shoulder Strap For M18 FUEL™ Power Head w/ QUIK-LOK™
Part# ML 49-16-2722 = \$26.00



Brushless Telescoping Pole Pruning Shears

Part# ML 3008-21 = \$688.00

Part# ML 3008-20 (Tool Only) = \$491.00

Total Length	7' - 10'
Cutting capacity	1-3/4"
Weight	12 lbs



Call for Freight Price

Kit Includes: (1) M18™ REDLITHIUM™ HIGH OUTPUT™ XC6.0 Battery Pack, (1) M18™ & M12™ Multi-Voltage Charger





Telescoping Pole Saw Kit

Part# ML 3013-21 = \$786.00

Part# ML 3013-20 (Tool Only) = \$589.00

Total Length	9' - 13'
Bar Length	10"
Weight	16 lbs

Kit Includes: (1) M18™ REDLITHIUM™ HIGH OUTPUT™ HD12.0 Battery Pack, (1) M18™ & M12™ Rapid Charger

10" Telescoping Pole Saw Chain

Part# ML 49-16-2759
\$24.05



10" Telescoping Pole Saw Guide Bar

Part# ML 49-16-2760 = \$39.60

QUIK-LOK™ Attachment Hanger

Part# ML 49-16-2784 = \$11.20



QUIK-LOK™ Attachment Hanger 3-Pk

Part# ML 49-16-2785 = \$20.80



FOR USE WITH



ALL M18 FUEL™ QUIK-LOK ATTACHMENTS



Easy Load Trimmer Head

Part# ML 49-16-2748 = \$32.92



Brush Cutter/String Trimmer

Part# ML 3015-20 (Tool Only) = \$392.00

RPM	6,200
Harness	Yes
2-Speed	Yes
Variable Speed	Yes
Weight	11.2 lbs



18" Hedge Trimmer

Part# ML 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# ML 3033-21 = \$472.00

Part# ML 3033-20 (Tool Only) = \$275.00

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# ML 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



Blower Kit

Part# ML 3017-21HD = \$392.00

Part# ML 3017-20 (Tool Only) = \$195.00

Max Air Volume	500 CFM
Max Air Speed	120 MPH
Noise Rating (db)	54 dB
Lock On Button	Yes
Length/Weight	34" / 5.1LBS



Call for Freight Price



Dual Battery Blower Kit

Part# ML 2824-20 (Tool Only) = \$294.00

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 lbs



Call for Freight Price

Dual Battery Backpack Blower

Part# ML 3009-24HD = \$1,475.00

Part# ML 3009-20 (Tool Only) = \$491.00

Max Air Volume	650 CFM
Max Air Speed	155 MPH
Noise Rating (db)	63 (ANSI B175)
Lock On Button	Yes
Weight	26.4 lbs

Kit Includes: (4) M18™ REDLITHIUM™ HIGH OUTPUT™ HD12.0 Battery Pack, (2) M18™ Dual Bay Simultaneous Rapid Charger



Blower Angled Flare Attachment

Part# ML 49-16-2791 = \$15.47



Blower Tapered and Flat Nozzle Attachment Kit

Part# ML 49-16-2797 = \$25.48



Blower Gutter Attachment

Part# ML 49-16-2790 = \$76.00





Includes: (1) M18™ REDLITHIUM™ FORGE™ HD12.0 Battery Pack, (1) M18™ Dual Bay Simultaneous Rapid Charger

M18 FUEL VS. GAS		
	MILWAUKEE® 3036	LEADING 252cc GAS COMPETITOR
MORE POWER	7.5 HP	6.8 HP
THROTTLE RESPONSE	Instant	Pull Start
LOWER NOISE	92 dB	102 dB
HEADLIGHTS	Yes	No
LESS VIBRATION	1.6 m/s²	7.5 m/s²



21" Auger Propelled Dual Battery Single Stage Snow Blower Kit

Part# ML 3036-22HD = \$1,440.00

- POWERSTATE™ Brushless Motor delivers 7.5HP peak power
- Startup under 1 second boosts productivity in cold weather conditions and allows faster work start to finish
- Part of the M18 System, featuring over 300+ tools
- Delivers lower noise than gas and headlights located on the handlebar for better visibility around the tool and working area
- Rubber auger drives the tool through the snow, reducing the need for manual pushing
- Up to 40% wider chute diameter
- Chute rotation control on the handle bar is gear driven
- Dual coated frame allows for better rust prevention
- Designed to rest in vertical position, saving storage space

Work Light

Part# ML 2735-20 (Tool Only) = \$66.00

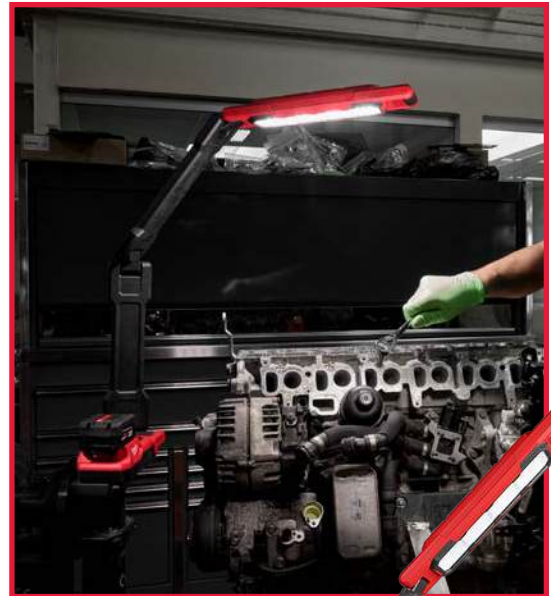
Lumens	100
Hands Free	Integrated Hook
Head Rotation	90°



Stick Light

Part# ML 2352-20 (Tool Only) = \$57.00

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



Magnetic Extendable Boom Light

Part# ML 2129-20 (Tool Only) = \$282.00

Lumens	2,500, 1,500, 1,000
Beam Distance	100 yd
Head Rotation	890°
Length/Weight	11.5" / 3.1 lbs





Search Light

Part# ML 2354-20 (Tool Only) = \$97.00

Lumens	1,250 / 1,200 / 600 / 1,200
Modes	Spot/Flood, Flood, Spot, Strobe
Beam Distance	730 yd / 668 m
Head Rotation	198°
Length/Weight	11.5" / 3.1 lbs

Trouble Light w/ USB Charging

Part# ML 2363-20
(Tool Only) = \$84.00



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™ Compact Folding Flood Light with USB Charging

Part# ML 2359-20
(Tool Only) = \$95.00



Lumens	1,000 / 500 / 250 / 85
Charging Ports	USB-A (12W) & USB-C
Head Rotation	300°



ROVER™ Dual Power Triple-Panel Flood & Area Light

Part# ML 2368-20 (Tool Only) = \$188.00

Lumens	4,500 on High
Power Source	Battery / AC



ROVER™ Dual Power Flood Light

Part# ML 2366-20 (Tool Only) = \$173.00

Lumens	4,000 / 2,000 / 1,200
Modes	High, Medium, Low
Hands-Free	Keyholes for Hanging
Length/Weight	9.7" / 5.8 lbs



ROVER™ Clamping Flood Light

Part# ML 2358-20
(Tool Only) = \$125.00



Lumens	2,000 / 1,000 / 500
Mounting	Magnetic / 3" Clamp
Weight	5 lbs

RADIUS™ Compact Site Light with Flood Mode

Part# ML 2144-20 (Tool Only) = \$150.00

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# ML 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# ML 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# ML 2131-20
(Tool Only) = \$241.00



Call for Freight Price



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# ML 2136-20
(Tool Only) = \$471.00



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





Milwaukee

Brushless Precision Blower

Part# ML 0887-20 (Tool Only) = \$169.00

Air Speed	570 MPH	Run-Time (with M18™ XC5.0 Battery)	30 minutes
	39 CFM		
Weight	2 lbs		

Inlet Filter

Part# ML 49-90-1949 = \$15.59

Fits Part# ML 0887-20



Compact Vacuum

Part# ML 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# ML 0880-20 (Tool Only) = \$144.00

Material	Wet/Dry
Capacity	2 Gallon
Air Volume	45 CFM
Suction (H ₂ O)	32"
Filter	HEPA



Includes: HEPA Filter, 6' Flex Hose, Crevice Tool, Utility Nozzle

2-Gal. Wet Dry Vac HEPA Filter

Part# ML 49-90-1900 = \$25.38

Fits Part# ML 0960, ML 0880, ML 0970



Compact Vacuum

Part# ML 0940-20 = \$191.00

Air Volume	32 CFM	Capacity	2.5 Gal.
Sealed Suction	80" H ₂ O	Inlet Diameter	1-1/4"
Run-Time (w/ M18 XC5.0 Battery)	Up to 28 Min	Weight	4.4 lbs.

Includes: Powered Floor Tool, Floor Tool, HEPA Filter, Foam Pre-Filter, Extension Wand, 6' Flexible Hose, Accessory Holder, Brush Tool, Utility Tool, Crevice Tool



3-In-1 Backpack Vacuum Generation II

Part# ML 0895-20 (Tool Only) = \$282.00

Material	Dry-Only	Inlet Diameter	1-7/8"
Air Volume	70 CFM	Weight	16 lb
Filter	HEPA		

HEPA Filter

Part# 49-90-1961 = \$29.29

Fits Part# ML 0895-20





Wireless Dust Control Adapter & Remote Kit

Part# ML 0950-20 (Tool Only) = \$119.00



6-Gallon Wet/Dry Vacuum

Part# ML 0910-20 (Tool Only) = \$226.00

Material	Wet/Dry	Air Volume	87 CFM
Capacity	6 Gallon	Filter	High Efficiency

Includes: (1) Wet/Dry Vac Cart, (1) HE Filter, (1) 9' Flex Hose, (1) Crevice Tool, (1) Floor Utility Nozzle, (2) Extension Wands



9-Gallon Dual Battery Wet/Dry Vac

Part# ML 0920-22HD = \$802.00

Part# ML 0920-20 (Tool Only) = \$295.00

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



12-Gallon Dual Battery Wet/Dry Vacuum

Part# ML 0930-22HD = \$892.00

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

Large Wet/Dry Vacuum HEPA Filter

Part# ML 49-90-1977 = \$27.98

Fits Part# ML 0910, ML 0920, ML 0930



9 Gallon Dual Battery Dust Extractor with PACKOUT™ Compatibility and VACLINK™

Part# ML 0888-20 (Tool Only) = \$870.00

Material	Dry-Only	Filter	HEPA
Air Volume	On Battery 125 CFM, Plugged in 175 CFM	Inlet Diameter:	36mm
		VACLINK	Yes

PACKOUT™ Compact Debris Separator

Part# ML 49-90-2200
(Tool Only) = \$96.00



Material	Dry
Capacity	2.5 Gallon
Compatible Hose Sizes	1-1/4", 1-7/8", 2-1/2"
Included Hose	(1) 1-7/8" x 6'
On-board Storage	Yes

Brushless PACKOUT™ 7" Fan

Part# ML 0818-20 (Tool Only) = \$141.00

Max Air Flow	850 CFM (20.5 MPH)
Speed	Variable
Power Supply	Battery / AC
Weight	6.4 lbs



Includes: AC Adapter

Brushless 18" Fan

Part# ML 0821-20
(Tool Only) \$242.00

Weight	17 lbs
Power Supply	Battery / AC
Speed	High, Medium, Low
Max Air	3,400 CFM (13.5 MPH)



On-Board Accessory Holder

Cordless Tire Inflator

Part# ML 2848-20
(Tool Only) = \$190.00



PSI Rating	150 PSI
True-Fill Technology	Automatic Shut-Off
Length/Weight	13.8" / 7 lbs



TOP-OFF™ Charger & Power Supply

Part# ML 2847-20 = \$96.00



Power Ports	115W Continuous power or recharge devices with (1) 100W PD Port, (1) 15W Port
Powered By	All M18™ Batteries (sold separately)

TOP-OFF™ 175W Power Supply

Part# ML 2846-20 = \$97.00



Power Ports	Continuous power or recharge devices with (1) AC 120V outlet, (1) USB-C PD port, & (1) USB-A port.
Powered By	All M18™ Batteries (sold separately)



HOTSHOT™ Jump Starter

Part# ML 3841-20 = \$282.00

Peak Amps	2000A	Digital Voltage Readout	Yes
Personal Charging Device:	USB-C	Capacity	8.1L Gas, 3.0L Diesel
On Board Light:	500 Lumens	Length / Weight	11.5in, 6.9lb

CARRY-ON™ 3600W/1800W Power Supply

Part# ML 2845-20 = \$737.00

Power Ports	2 AC Ports, USB-A, & USB-C (60W)
Powered By	4 M18 Batteries (Any Mix)
Weight	2.8 lbs

Batteries Sold Separately





Call for Freight Price



Red Exterior Dual Slope Rotary Laser Level Kit w/ Receiver, Remote, Grade Rod & Tripod

Part# ML 3704-21T = \$2,070.00

- Withstands 1.5m Drops - Reinforced Housing
- Simplified Menu Navigation
- Remote Slope Adjustment - Duplicated Display
- 1/16 In. Horizontal Accuracy @ 100 Ft. / 1/8 In. Vertical Accuracy @ 100 Ft.
- 4000 Ft. (Diameter) Working Range w/Receiver
- Laser Receiver: Reduces Interference - Strobe Light Protection
- Receiver Features Automatic Grade Match
- 600, 900, 1200 RPM Modes
- Low/High Bump Sensitivity Modes
- IP 66 Rated Protection
- 5/8" - 11 Threaded Insert
- Grade Rod - 8 Ft. w/ Ft. & In. Graduations
- ONE-KEY™ Compatible - Track and Manage Tool's Location
- Fits All M18™ Batteries
- 5 Year Tool Warranty, 3 Year Battery Warranty, 2 Year Receiver Warranty, 3-Year Tripod Warranty



Call for Freight Price



Green Interior Rotary Laser Level Kit w/ Remote/Receiver & Wall Mount Bracket

Part# ML 3702-21 = \$1,805.00

- Withstands 1.5m Drops - Reinforced Housing
- Automatic Alignment: Center Find
- Simplified Menu Navigation
- 1/16" Horizontal Accuracy 1/8" Vertical Accuracy
- 1,000 Ft. (Diameter) Working Range w/Receiver
- 300, 600, 1,200 RPM
- Sweep Mode - Variable Scan Angles
- Vertical Plumb Dot
- Laser Remote/Receiver Reduces Interference - Strobe Light Protection
- Laser Remote/Receiver Features Easy Read Backlit Display
- IP 66 Rated Protection
- Low/High Bump Sensitivity Mode
- ONE-KEY™ Tracking and Tool Management
- Fits All M18™ Batteries
- 5 Year Tool Warranty, 3 Year Battery Warranty, 2 Year Remote/Receiver Warranty, and 3 Year Wall Mount Warranty



Power Tools



Rotary Laser Tripod

Part# ML 48-35-3700 = \$100.00



Rotary Laser Wall Mount

Part# ML 48-35-3702 = \$150.00



							
48-11-1820	48-11-1835	48-11-1850	48-11-1850R	48-11-1865	48-11-1861	48-11-1881	48-11-1813

CHARGE DURATIONS (MINUTES)

SUPERCHARGER	27	35	60	60	35	25	45	45
RAPIDCHARGER	27	35	60	60	65	62	83	130
STANDARD CHARGER	42	65	105	105	123	115	162	231

*Estimated charge durations based on testing conducted by Milwaukee Tool at room temperature. Actual results may vary.


**REDLITHIUM™
XC5.0 System Starter Kit**

Part# ML 48-59-1850 = \$215.00

Includes: (1) M18™ REDLITHIUM™ XC5.0 Battery Pack, Multi-Voltage Charger

**M18™ & M12™
Vehicle Charger**

Part# ML 48-59-1810 = \$147.00



Compatibility	All M18™ & M12™ Batteries
Charge Sequence	Sequential (First In, First Charged)
On-Board Indicator Light	Yes
Cell Voltage Monitoring	Yes

Batteries Sold Separately


**REDLITHIUM™ FORGE™
XC8.0 Starter Kit**

Part# ML 48-59-1881 = \$278.00

Includes: (1) M18™ REDLITHIUM™ FORGE™ XC8.0 Battery Pack, (1) M18™ & M12™ Rapid Charger

**M18™ & M12™
Multi-Voltage Charger**

Part# ML 48-59-1812 = \$76.00



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


**REDLITHIUM™ FORGE™
HD12.0 Starter Kit**

Part# ML 48-59-1300 = \$328.00

Includes: (1) M18™ REDLITHIUM™ FORGE™ HD12.0 Battery Pack, Rapid Charger

**M18™ & M12™
Rapid Charger**

Part# ML 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™ Dual Bay Simultaneous Super Charger with 4 Point Mounting

Part# ML 48-59-1816 = \$249.00

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# ML 48-59-1802 = \$147.00

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# ML 48-59-1807 = \$245.00



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

Power Tools

M18™ Six Pack Sequential Charger

Part# ML 48-59-1806
\$127.00



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# ML 48-59-1809 = \$245.00



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



**M18™ REDLITHIUM™
FORGE™ HD12.0 Battery Pack**
Part# ML 48-11-1813 = \$267.00



**M18™ M18™ REDLITHIUM™
FORGE™ XC8.0 Battery Pack**
Part# ML 48-11-1881 = \$219.00



**M18™ REDLITHIUM™ HIGH OUTPUT™
XC6.0 Battery Pack**
Part# ML 48-11-1862 (2-Pk) = \$286.00
Part# ML 48-11-1865 = \$191.00



**M18™ REDLITHIUM™
XC5.0 Resistant Battery Pack**
Part# ML 48-11-1850R = \$200.00



**M18™ REDLITHIUM™
XC5.0 Battery Pack**
Part# ML 48-11-1852 (2-Pk) = \$248.00
Part# ML 48-11-1850 = \$162.00



**M18™ REDLITHIUM™ HIGH OUTPUT™
CP3.0 Battery Pk**
Part# ML 48-11-1837 (2-Pk) = \$190.00
Part# ML 48-11-1835 = \$125.00



**M18™ REDLITHIUM™
CP2.0 Battery Pack**
Part# ML 48-11-1820 = \$103.00





**EQUIPMENT REDEFINED
TRADE FOCUSED
SYSTEM WIDE**



Call for Freight Price

14" Cut-Off Saw w/ RAPIDSTOP™ Brake

Part# ML MXF315-2XC = \$2,951.00

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



Call for Freight Price

MX FUEL™ CARRY-ON™ 3,600W/1,800W Power Supply Kit

Part# ML MXF002-2XC = \$2,459.00

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

RUN-TIME w/ (2) XC406 Battery Packs



40 HOT MEALS
1000W MICROWAVE



270 CUTS
12" MITER SAW



(6) M18™ 5.0AH BATTERIES
RAPID CHARGER



1,210 CUTS
7-1/4" CIRCULAR CUTS



55-3/4" THREADS
STATIONARY PIPE THREADER



1,200 3" NAILS
AIR COMPRESSOR

CANNOT EXCEED 3600W STARTING, 1800W CONTINUOUS
INTENDED FOR ONE 15 AMP TOOL





Handheld Core Drill Kit

Part# ML 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,



Handheld Core Drill Kit w/Stand

Part# ML 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,





Call for Freight Price



Breaker

Part# ML 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/s2
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™ REDLITHIUM™ CP203 Battery

Part# ML MXFCP203 = \$354.00

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# ML MXFXC406 = \$607.00

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

TIME AND COST-CUTTING. EASILY CUSTOMIZED.

PACKOUT™ MODULAR STORAGE SYSTEM



PACKOUT™ Modular Storage System

revolutionizes tool
transportation,
organization, and
storage for the trades
on the jobsite, in
transit, and in shops.

Call or Stop By Soon!



*We'll Help You
Get Set Up!*



Call for Freight Price



PACKOUT™ Rolling Tool Box

Part# ML 48-22-8427 = \$147.00



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MODULAR STORAGE SYSTEM



Call for Freight Price



PACKOUT™ Rolling Tool Chest

Part# ML 48-22-8428 = \$218.00



Call for Freight Price



PACKOUT™ 2-Wheel Cart

Part# ML 48-22-8415 = \$206.00



Low-Profile Handle for PACKOUT™ Rolling Tool Box

Part# ML 48-22-8027 = \$58.00



PACKOUT™ Dolly

Part# ML 48-22-8410 = \$95.00



Call for Freight Price



PACKOUT™ Rolling Drawer Tool Box

Part# ML 48-22-8420 = \$224.00





Call for Freight Price



PACKOUT™ XL Tool Box

Part# ML 48-22-8429 = \$117.00



PACKOUT™ Large Tool Box

Part# ML 48-22-8425 = \$83.00



PACKOUT™ Tool Box

Part# ML 48-22-8424 = \$74.00



PACKOUT Modular Storage System: Foam Insert

Part# ML 48-22-8450 = \$74.00

PACKOUT™ MODULAR STORAGE SYSTEM



PACKOUT™ Compact Low-Profile Organizer

Part# ML 48-22-8436 = \$28.50



PACKOUT™ Compact Organizer

Part# ML 48-22-8435 = \$33.00



PACKOUT™ Low Profile Organizer

Part# ML 48-22-8431 = \$42.00



PACKOUT™ Organizer

Part# ML 48-22-8430 = \$47.40



PACKOUT™ Deep Organizer

Part# ML 48-22-8432 = \$63.00



PACKOUT™ Tilt Bin Organizer

Part# ML 48-22-8433 = \$90.00



Large Bin for PACKOUT™ Tilt Bin Organizer

Part# ML 48-22-8434 = \$13.30



PACKOUT™ Compact Tool Box

Part# ML 48-22-8422 = \$66.00



PACKOUT™ 2-Drawer Tool Box

Part# ML 48-22-8442 = \$140.00



Call for Freight Price

Drawer Dimensions
5" High,
16.3" Wide
12.5" Deep



PACKOUT™



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MODULAR STORAGE SYSTEM



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PACKOUT™ 3-Drawer Tool Box

Part# ML 48-22-8443 = \$167.00

Drawer Dimensions

3" High, 16.3" Wide, 12.5" Deep



Call for Freight Price



PACKOUT™ 4-Drawer Tool Box

Drawer Dimensions:

2.3" High x 16.3" Wide x 12.5" Deep

Item# ML 48-22-8444 = \$177.00



PACKOUT™ Crate

Part# ML 48-22-8440 = \$47.70



Divider for PACKOUT Crate

Item# ML 48-22-8040 \$16.90



Customizable Foam Insert for PACKOUT™ Drawer Tool Boxes

Compatible with
Item# 48-22-8442
and # 48-22-8443

Part# ML 48-22-8452 = \$24.84



Call for Freight Price



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# ML 48-22-8447 = \$167.00



Drawer Dividers for PACKOUT™ 3-Drawer Tool Box

Compatible with Item# 48-22-8443

Part# ML 48-22-8473 = \$9.80



PACKOUT™ Low-Profile Customizable Foam Insert

Compatible with Item # 48-22-8444
and # 48-22-8447

Part# ML 48-22-8453 = \$24.84



PACKOUT™





PACKOUT™ Customizable Work Top

Part# ML 48-22-8488 = \$52.00



PACKOUT™ Kneeling Pad

Part# ML 48-73-6110 = \$58.00



PACKOUT™ Cabinet

Item# ML 48-22-8445 = \$133.00



PACKOUT Tool Tray

Item# ML 48-22-8045 = \$37.80



Tool Box Attachment Mount

Part# ML 48-22-8601 = \$13.65



Caddy Attachment

Part# ML 48-22-8602 = \$29.40



M18™ Battery Rack Attachment

Part# ML 48-22-8603 = \$25.20



M12™ Battery Rack Attachment

Part# ML 48-22-8604 = \$25.20



Tray Attachment

Part# ML 48-22-8605 = \$25.20

PACKOUT™
MODULAR STORAGE SYSTEM



3 Hook Attachment

Part# ML 48-22-8606 = \$27.72



Long Tool Holder Attachment

Part# ML 48-22-8607 = \$37.80



Tool Box Compact Plate

Part# ML 48-22-8608
\$25.20



PACKOUT™



PACKOUT™
MODULAR STORAGE SYSTEM

M18 FUEL



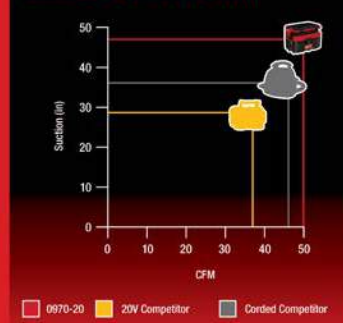
PACKOUT™ 2.5 Gallon Wet/Dry Vacuum

Part# ML 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

UP TO
**60%
MORE
SUCTION**

CLEAN-UP DEBRIS FASTER



M12™ PACKOUT™ Flood Light with USB Charging

Part# ML 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# ML 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# ML 48-22-8460 = \$103.00



PACKOUT™ 40 Qt XL Cooler

Part# ML 48-22-8462 = \$231.00

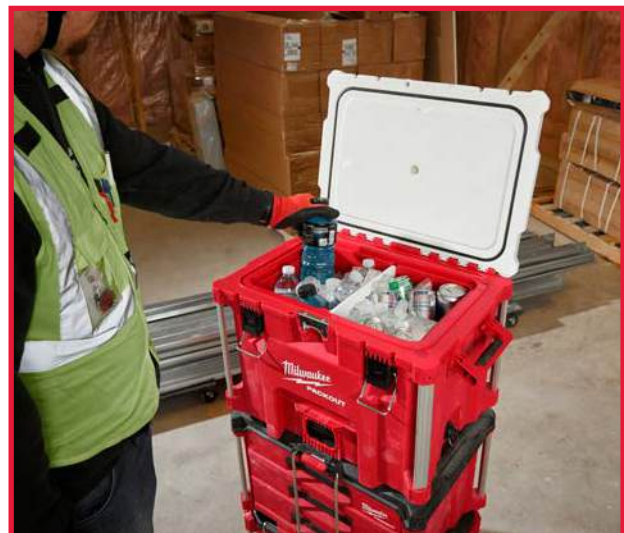


Call for Freight Price

RUN-TIME

	M18 XC5.0	
	Run Time	Lumens
ALL LIGHTS	4hr	3000
	5.5hr	2000
	10hr	1000
MAIN LIGHT	8hr	1500
	12hr	1000
	21.5hr	450
BACK/FRONT LIGHTS	12hr	1000
	19hr	700
	31hr	325

LIGHT COMPATIBLE WITH ALL M18™ REDLITHIUM™ BATTERY PACKS





PACKOUT™
MODULAR STORAGE SYSTEM



PACKOUT™



**PACKOUT™ 2-Pc
Vertical E-Track
for Racking Shelves**

Part# ML 48-22-8482 = \$47.40



PACKOUT™ Racking Shelf

Part# ML 48-22-8481 = \$46.80



**PACKOUT™
Rack**

Part# ML 48-21-8000
\$673.00



PACKOUT™ Racking Kit

Part# ML 48-22-8480 = \$127.00



**PACKOUT™
Rack Drawer**

Part# ML 48-21-8040
\$177.00



PACKOUT™ Rack Kit

Part# ML 48-21-8070
\$1,783.00



PACKOUT™ Rack Frame

Part# ML 48-21-8010
\$496.00



**PACKOUT™
Structured
Backpack**

Part# ML 48-22-8303
\$276.00



**PACKOUT™
15" Structured
Tote**

Part# ML 48-22-8317
\$217.00

PACKOUT™
MODULAR STORAGE SYSTEM



**PACKOUT™ 10"
Structural Tote**

Part# ML 48-22-8311
\$182.00



**PACKOUT™
Modular Storage
20" Tote**

Part# ML 48-22-8320
\$117.00



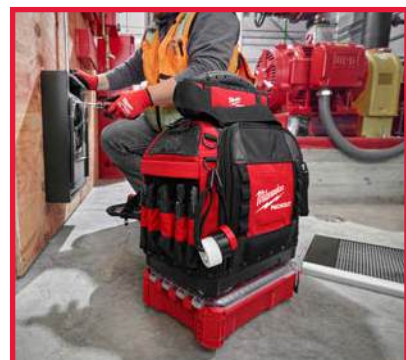
**PACKOUT™
15" Structural
Tool Bag**

Part# ML 48-22-8316
\$222.00



**PACKOUT™
15"
Tool Bag**

Part# ML 48-22-8321
\$61.00



PACKOUT™



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MODULAR STORAGE SYSTEM



FOR USE IN



**10-Pc HOLE DOZER™ Bi-Metal Hole Saw Kit
with PACKOUT™ Compact Organizer**

Part# ML 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



Call for Freight Price

**85-Pc Hand Tool Set
w/ PACKOUT Tool Case**

Part# ML 48-22-9495
\$3,312.00

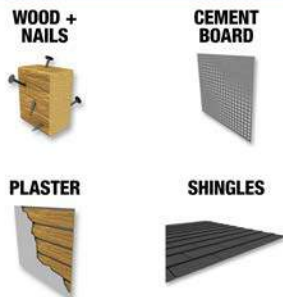


**9-Pc
BIG HAWG™
with Carbide
Teeth
PACKOUT™
Kit**

Part# ML 49-56-9295 = \$164.00

• 2-1/8", 2-9/16", 3", 3-5/8", 4-5/8"

FOR USE IN



Call for Freight Price

**242 Pc. 1/4", 3/8", &
1/2" Drive Metric & SAE
Ratchet & Socket Set
with PACKOUT™
4-Drawer Tool Box**

Part# ML 48-22-9491 = \$1,288.00



Call for Freight Price

**60 pc. Metric & SAE
Combination Wrench Set
with PACKOUT™
4-Drawer Tool Box**

Part# ML 48-22-9492 = \$1,034.00



Call for Freight Price

**64 pc. Hand Tool Set
with PACKOUT™
4-Drawer Tool Box**

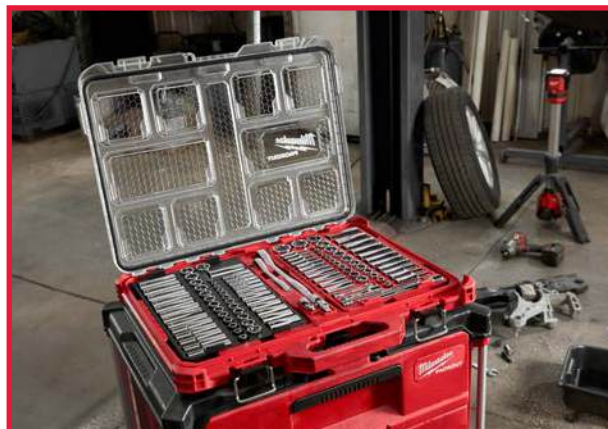
Part# ML 48-22-9493 = \$989.00



85 pc Hand Tool Set with PACKOUT Tool Case

Part# ML 48-22-9494 = COMING SOON

PACKOUT™
MODULAR STORAGE SYSTEM



Milwaukee

Packout™

79 PC Class A Type III PACKOUT™ First Aid Kit

Item# ML 48-73-8435 = \$77.00



100 Pc. Shockwave PACKOUT™ Kit

Part# ML 48-32-4082 = \$81.00

- | | | | |
|---------------------------------|--------------------------|--------------------------|--------------------------------|
| (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

ML 48-22-9486 = \$292.00

(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

SAE

MM





PACKOUT™
MODULAR STORAGE SYSTEM



PACKOUT™

28 Pc - 3/8" SAE Ratchet and Socket Set with PACKOUT™ Low-Profile Compact Organizer

ML 48-22-9481 = \$118.00

- 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

SAE



32 Pc - 3/8" Metric Ratchet and Socket Set with PACKOUT™ Low-Profile Compact Organizer

ML 48-22-9482 = \$118.00

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

MM



47 Pc - 1/2" Drive 47 Pc Ratchet and Socket Set with Low-Profile PACKOUT Organizer

Part# ML 48-22-9487 = \$309.00

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

SAE

MM



30 Pc - Metric & SAE Combination Wrench Set with PACKOUT™ Organizer

Part# ML 48-22-9485 = \$286.00

Includes:

- Fractional 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", 1"
- Metric Sizes:
8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22mm

SAE

MM



15 Pc - SAE Combination Wrench Set with PACKOUT™ Compact Organizer

Part# ML 48-22-9484 = \$155.00

Includes:

- Fractional 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", 1"



SAE

15 Pc - Metric Combination Wrench Set with PACKOUT™ Compact Organizer

Part# ML 48-22-9483 = \$155.00

Includes:

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



MM

17 Pc - 3/8" DR SAE SHOCKWAVE Impact Duty™ Socket PACKOUT Set

Part# ML 48-66-6800 = \$98.00

Includes:

- Fractional 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", 1/4" hex to 3/8" square Socket Adapter, 3" extension, 3/8" Universal Joint



SAE

19 Pc - 3/8" DR Metric SHOCKWAVE Packout Impact Socket Set

Part# ML 49-66-6801 = \$98.00

- Includes:** Metric Deep Length Sizes: 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24mm



MM

36 Pc - 3/8" DR SHOCKWAVE Packout Impact Duty Socket Set

Part# ML 49-66-6805 = \$191.00

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



SAE



27 Pc - 1/2" Drive Fractional and Metric SHOCKWAVE Packout Impact Socket Set

Part# ML 49-66-6804 = \$139.00

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"



SAE





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31 Pc SHOCKWAVE 1/2" SAE & Metric Packout Deep Impact Socket Set

Item# ML 49-66-6806 = \$248.00

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



15 Pc SHOCKWAVE 1/2" SAE Packout Deep Impact Socket Set

Item# ML 49-66-6802 = \$139.00

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"



16 Pc 1/2" DR Metric SHOCKWAVE Packout Impact Socket Set

Part# ML 49-66-6803 = \$139.00

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



38 Pc Metric Tap & Die PACKOUT™ Set with Hex-LOK™ 2-in-1 Handle

Item# ML 49-22-5603 = \$159.00

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



38 Pc SAE Tap & Die PACKOUT™ Set with Hex-LOK™ 2-in-1 Handle

Item# ML 49-22-5604 = \$159.00

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



PACKOUT™
Compact Wall Plate

Item# ML 48-22-8496 = \$23.32



PACKOUT™
Large Wall Plate

Item# ML 48-22-8497 = \$43.68



Call for Freight Price



PACKOUT™ Mounting Plate

Item# ML 48-22-8485 = \$28.80



PACKOUT™
MODULAR STORAGE SYSTEM



STORES



PACKOUT™ 9" Straight Hook

Item# ML 48-22-8330 = \$18.20



PACKOUT™ 4" Straight Hook

Item# ML 48-22-8334 = \$12.74



PACKOUT™ 4" Single Straight Hook

Part# ML 48-22-8328
\$11.90



PACKOUT™ 7" Curved Hook

Item# ML 48-22-8331 = \$18.20



PACKOUT™ 3" Curved Hook

Item# ML 48-22-8335 = \$12.74



PACKOUT™ Wide Hook

Item# ML 48-22-8332 = \$19.83



PACKOUT™ Organizer Cup

Item# ML 48-22-8336 = \$12.74



PACKOUT™ 7-Hook Rack

Part# ML 48-22-8329
\$16.38



PACKOUT™ 4" S-Hook

Item# ML 48-22-8333 = \$13.65



PACKOUT™ Roll Holder

Item# ML 48-22-8337 = \$22.75

Packout™



PACKOUT™ M12™ Battery Rack

Item# ML 48-22-8338 = \$16.90



PACKOUT™ M18™ Battery Rack

Item# ML 48-22-8339 = \$20.80



PACKOUT™ MODULAR STORAGE SYSTEM



PACKOUT™ Tool Rack

Item# ML 48-22-8340 = \$14.30



PACKOUT™ Screwdriver Rack

Item# ML 48-22-8341 = \$14.30



PACKOUT™ Compact Wall Basket

Part# ML 48-22-8342 = \$22.10



PACKOUT™ Tool Station

Item# ML 48-22-8343 = \$34.80



PACKOUT™ Belt Clip Rack

Part# ML 48-22-8344
\$16.67



PACKOUT™ Magnetic Rack

Part# ML 48-22-8346
\$27.00



PACKOUT™ Compact Shelf

Item# ML 48-22-8347
\$18.85



PACKOUT™ Long Handle Tool Holder

Part# ML 48-22-8348 = \$21.45



PACKOUT™



PACKOUT™
MODULAR STORAGE SYSTEM



**PACKOUT™
Long Handle
Tool Rack**

Item# ML 48-22-8349 \$34.80



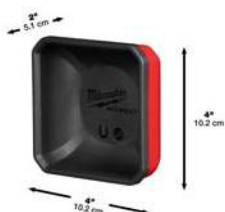
**PACKOUT™ 12 oz
Insulated Bottle
with Sip Lid**

Part# ML 48-22-8391B = \$28.69
Part# ML 48-22-8391R = \$28.69



**PACKOUT™
18 oz Insulated Mug
with Sip Lid**

Part# ML 48-22-8394B = \$33.48
Part# ML 48-22-8394R = \$33.48



**PACKOUT™
Magnetic Bin**

Part# ML 48-22-8070 = \$9.80



**PACKOUT™
20 oz Tumbler**

Part# ML 48-22-8392B = \$26.96
Part# ML 48-22-8392R = \$26.88



**PACKOUT™
18 oz Insulated Bottle
with Sip Lid**

Part# ML 48-22-8395B = \$31.08
Part# ML 48-22-8395R = \$31.08



**PACKOUT™ Large
Magnetic Bin**

Part# ML 48-22-8071 = \$13.65



**PACKOUT™
30 oz Tumbler**

Part# ML 48-22-8393B = \$31.16
Part# ML 48-22-8393R = \$31.08



**PACKOUT™
Twist to Lock Mount**

Part# ML 48-22-8399X = \$9.56





PACKOUT™ 24 oz Insulated Bottle with Chug Lid

Part# ML 48-22-8396B = \$35.28
Part# ML 48-22-8396R = \$35.28



PACKOUT™ 36 oz Insulated Bottle with Chug Lid

Part# ML 48-22-8397B = \$44.52
Part# ML 48-22-8397R = \$44.52



41" High Capacity Steel Storage Chest & Cabinet

Part# ML 48-22-8549 = \$1,622.00



Packout™



Tool Chest & Cabinet with Tool Assortment Kits



Item#	Description	Price
ML 48-22-8549	(1) 41" Milwaukee Heavy Duty Tool Chest Combo	\$1,622.00
ML 48-22-9489	(1) Mechanic's Tool Set - 191 Pc	\$1,066.00
ML 48-22-9004	(1) 50 Pc - 1/4" Drive Ratchet & Socket Set - SAE & Metric*	
ML 48-22-9008	(1) 56 Pc - 3/8" Drive Ratchet & Socket Set - SAE & Metric*	
ML 48-22-9415	(1) 15 Pc - Combination Wrench Set - SAE*	
ML 48-22-9515	(1) 15 Pc - Combination Wrench Set - Metric*	
ML 48-22-9416	(1) 15 Pc - Ratcheting Combination Wrench Set - SAE*	
ML 48-22-9516	(1) 15 Pc - Ratcheting Combination Wrench Set - Metric*	
ML 48-22-3712	(6) Inkzall™ White Liquid Paint Markers*	
ML 48-22-9214	(1) 4 Pc - Pry Bar Set*	
ML 48-22-3695	(1) 5 Pc - TORQUE LOCK™ Locking Pliers Kit *	
ML 48-22-2706	(1) 6 Pc - Screwdriver Kit*	
ML 48-22-9215	(1) 4 Pc - Hook and Pick Set*	
	*Included in above Mechanic's Tool Set (Item# ML 48-22-9489)	
ML 48-22-9010	(1) 47 Pc - 1/2" Drive Metric & SAE Ratchet and Socket Set with 4 Flat™ Sides	\$251.00
ML 49-66-6805	(1) 36 Pc - SHOCKWAVE Impact Duty™ Socket 3/8" Dr PACKOUT Set	\$191.00
ML 49-66-6806	(1) 31 Pc - SHOCKWAVE Impact Duty™ Socket 1/2" Dr PACKOUT Set	\$248.00
ML 49-66-6804	(1) 27 Pc - SHOCKWAVE Impact Duty™ Socket 1/2" Dr MM & SAE PACKOUT Set	\$139.00
ML 48-22-2187	(1) 22 Key - Ball End L-Style Hex Key Set - SAE/Metric	\$44.22
ML 48-22-7400	(1) 2 Pc - 6" & 10" Adjustable Wrench Set	\$28.48
ML 48-22-7318	(1) CHEATER™ Aluminum Adaptable Pipe Wrench	\$115.00
ML 48-22-9131	(1) 24 oz Steel Ball Peen Hammer	\$33.48
ML 48-22-9150	(1) 28 oz Dead Blow Hammer	\$26.46
ML 48-22-9151	(1) 48 oz Dead Blow Hammer	\$35.28
ML 48-22-6540	(1) 13" Long Reach Pliers - Straight Nose	\$33.54
ML 48-22-6107	(1) 7" Comfort Grip Diagonal Cutting Pliers	\$19.15
ML 48-22-6109	(1) 7-1/8" Wire Stripper/Cutter for Solid & Stranded Wire	\$17.81
ML 48-22-6539	(1) 9 Pc - Snap Ring Pliers Set	\$175.00
ML 48-22-9013	(1) 1/2" Drive 24" Breaker Bar	\$51.00
ML 48-22-2447	(1) 7 Pc - SAE HollowCore™ Nut Driver Set	\$45.64
ML 48-22-2448	(1) 7 Pc - MM HollowCore™ Nut Driver Set	\$45.64
ML 48-22-6310	(1) 10" Comfort Grip Straight-Jaw Pliers	\$14.98
ML 48-22-6101	(1) 8" Comfort Grip Long Nose Pliers	\$21.16
ML 48-22-3542	(1) 9" Torque Lock™ Locking Chain Wrench	\$27.42
GRAND TOTAL		\$4,251.26



*Fully Equipped
and Ready to Perform!*



4 Pc Cushion Grip Screwdriver Set

Part# ML 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# ML MT200-6 = \$51.00

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# ML 48-22-2761 = \$13.30



9 pc Folding Hex Key Set - SAE

Part# ML 48-22-2181 = \$14.73

- 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# ML 48-22-2182 = \$14.73

- Includes 8 metric keys: 1.5mm, 2mm, 2.5mm, 3mm, 4mm, 5mm, 6mm, 8mm



8 pc Folding Hex Key Set - Torx

Part# ML 48-22-2184 = \$14.73

- Includes 8 Torx keys: T9, T10, T15, T20, T25, T27, T30, T40

3/8" Drive 28 Pc Ratchet & Socket Set- SAE

Part# ML 48-22-9408 = \$95.00

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





3/8" Drive SAE and Metric 56 Pc Ratchet and Socket Set



Part# ML 48-22-9008 = \$173.00

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# ML 48-22-9010 = \$251.00

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# ML 48-22-9410 = \$162.00

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# ML 48-22-9510 = \$167.00

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





EMT Aluminum Conduit Benders

Part# ML 48-22-4070 (1/2") = \$38.93
 Part# ML 48-22-4071 (3/4") = \$51.00
 Part# ML 48-22-4072 (1") = \$94.00



EMT Iron Conduit Benders

Part# ML 48-22-4080 (1/2") = \$71.00
 Part# ML 48-22-4081 (3/4") = \$90.00
 Part# ML 48-22-4082 (1") = \$111.00

Steel Pipe Wrenches



Call for Freight Price



Part# ML 48-22-7110 (10") \$25.77
 Part# ML 48-22-7112 (12") \$27.17
 Part# ML 48-22-7114 (14") \$33.89
 Part# ML 48-22-7118 (18") \$47.95
 Part# ML 48-22-7124 (24") \$72.00
 Part# ML 48-22-7136 (36") \$166.00
 Part# ML 48-22-7148 (48") \$261.00
 Part# ML 48-22-7160 (60") \$384.00



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# ML 48-22-7314 = \$98.00



MULTI-LENGTH DESIGN

- 11" length for tight access
- 18"-24" length for general purpose - max leverage

CHEATER Aluminum Adaptable Pipe Wrench

Part# ML 48-22-7318 = \$115.00



Aluminum Pipe Wrench w/ POWERLENGTH™ Handle

Part# ML 48-22-7213 (10") = \$44.04
 Part# ML 48-22-7215 (14") = \$69.00

Aluminum Pipe Wrenches



Part# ML 48-22-7210	(10")	= \$37.74
Part# ML 48-22-7212	(12")	= \$46.00
Part# ML 48-22-7214	(14")	= \$42.52
Part# ML 48-22-7218	(18")	= \$62.00
Part# ML 48-22-7224	(24")	= \$101.00
Part# ML 48-22-7236	(36")	= \$197.00
Part# ML 48-22-7248	(48")	= \$385.00

Milwaukee

Wrenches



Aluminum Self-Adjusting Pipe Wrenches

Part# ML 48-22-7414	(14")	\$59.00
Part# ML 48-22-7418	(18")	\$82.00



12" Smooth Jaw Pipe Wrench

Part# ML 48-22-7186 = \$45.55



12" Steel Offset Hex Pipe Wrench

Part# ML 48-22-7171 = \$36.25

2 Pc Adjustable Wrench Set 6" & 10"

Part# ML 48-22-7400 = \$28.48





15 Pc Combination Wrench Set Metric



Part#

ML 48-22-9515 = \$124.00

• Includes 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22 mm Combination Wrenches



15 Pc Combination Wrench Set SAE



Part#

ML 48-22-9415 = \$124.00

• 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



15 Pc Ratcheting Combination Wrench Set Metric



Part#

ML 48-22-9516 = \$230.00

• Includes 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22 mm Ratcheting Combination Wrenches



15 Pc Ratcheting Combination Wrench Set SAE



Part#

ML 48-22-9416 = \$233.00

• 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" Ratcheting Combination Wrenches



Milled Face Framing Hammers

Part# ML 48-22-9016 (17 oz.) = \$33.04

Part# ML 48-22-9022 (22 oz.) = \$28.25



Steel Ball Peen Hammers

Part# ML 48-22-9130 (16 oz.) = \$29.10

Part# ML 48-22-9131 (24 oz.) = \$33.48



Dead Blow Ball Peen Hammers

Part# ML 48-22-9140 (16 oz.) = \$44.10

Part# ML 48-22-9141 (32 oz.) = \$58.00



STILETTO® 14 oz TI Smooth Face 16" Curved Hickory Handle Hammer

Part# ML T114SC = \$112.00

- Best Driving Performance
- Precision Balanced Design
- Shock Absorbing American Hickory
- Magnetic Nail Set
- Axe Style Curved Claw
- Anti-Ring Claw Design
- Limited Lifetime Warranty



TIBONE™ 15oz Milled/Curved Titanium Framing Hammer

Part# ML TIB15MC = \$306.00

- 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



TIBONE™ 15 oz Smooth/Curved Titanium Framing Hammer (Small)

Part# ML TIB15SC = \$306.00

- 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# ML 48-22-9150 (28 oz.) = \$26.46

Part# ML 48-22-9151 (48 oz.) = \$35.28



SAE

7 Pc SAE HollowCore Nut Driver Set

Part# ML 48-22-2447 = \$45.64

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



7 Pc Metric HollowCore Nut Driver Set

Part# ML 48-22-2448 = \$45.64

- 5, 5.5, 6, 7, 8, 10, 13mm

10" Torque Lock™ Curved Jaw Locking Pliers



Part# ML 48-22-3420 = \$14.07

Torque Lock™ Large Jaw Locking Pliers



Part# ML 48-22-3541 = \$21.00

Torque Lock™ Curved Jaw Locking Pliers with Durable Grip



Part#	Size	Price
ML 48-22-3407	7"	\$16.03
ML 48-22-3410	10"	\$16.80

2 Pc - 7" & 10" Torque Lock™ Curved Jaw Locking Pliers Set



Part# ML 48-22-3402 = \$27.70



Torque Lock™ Locking C-Clamp with Regular Jaws

Part#	Size	Price
ML 48-22-3531	11"	\$23.80
ML 48-22-3530	18"	\$28.04



Pliers



Pliers



Torque Lock™ Locking C-Clamp with Swivel Jaws

Part#	Size	Price
ML 48-22-3522	6"	\$15.69
ML 48-22-3523	9"	\$20.33
ML 48-22-3521	11"	\$24.88
ML 48-22-3520	18"	\$29.69

9" Torque Lock™ Locking Chain Wrench

Part# ML 48-22-3542 = \$27.42



9-Pc Snap Ring Pliers Set

Part# ML 48-22-6539 = \$175.00



13" Long Reach Pliers Straight Nose

Part# ML 48-22-6540 = \$33.54



13" Long Reach Pliers - 45° Nose

Part# ML 48-22-6541 = \$33.54



13" Long Reach Hose Grip Pliers 5/16"

Part# ML 48-22-6560 = \$34.32



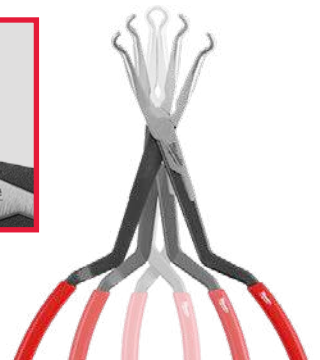
13" Long Reach Hose Grip Pliers 1/2"

Part# ML 48-22-6561 = \$34.32



13" Long Reach Hose Grip Pliers 3/4"

Part# ML 48-22-6562 = \$34.32





**6" Diagonal
Cutting Pliers**

Part# ML 48-22-6106 = \$17.69



**7-1/8" Wire
Stripper/Cutter
for Solid &
Stranded Wire**

Part# ML 48-22-6109 = \$17.81



**Comfort Grip
6-in-1 Pliers**

Part# ML 48-22-3079 = \$19.83



**Comfort Grip
Fencing Pliers**

Part# ML 48-22-6410 = \$29.44



Offset Jobsite Scissors

Part# ML 48-22-4046 = \$18.34



**Compact Folding
Utility Knife**

Part# ML 48-22-1500 = \$9.18



**Side Slide
Utility Knife**

Part# ML 48-22-1515 = \$12.12



Folding Knife

Part# ML 48-22-1520 = \$17.16



**Folding
Utility Knife**

Part# ML 48-22-1501 = \$12.52



**Compact Side Slide
Utility Knife**

Part# ML 48-22-1516 = \$9.66



**Compact
Folding Knife**

Part# ML 48-22-1521 = \$11.70



**Folding Utility Knife
with Blade Storage**

Part# ML 48-22-1502 = \$14.94



**Self-Retracting
Utility Knife**

Part# ML 48-22-1512 = \$10.54



**Spring Assisted
Knife**

Part# ML 48-22-1530 = \$22.57



**FASTBACK™
6 in 1 Folding Utility Knife**

Part# ML 48-22-1505 = \$19.11



Knives



Bolt Cutters

Part# ML 48-22-4018 (18") = \$45.49

Part# ML 48-22-4024 (24") = \$63.00



Pipe Lock Level

Part# ML 48-22-5001 = \$13.52



Pipe Level

Part# ML 48-22-5603 = \$18.38



65' Laser Distance Meter

Part# ML 48-22-9801 = \$55.00



150' Laser Distance Meter

Part# ML 48-22-9802 = \$102.00



Clamp Meter

Part#
ML 2237-20
\$149.00



Auto Voltage /Continuity Tester with Resistance

Part# ML 2212-20
\$44.86



400 Amp Clamp Meter

Part#
ML 2235-20
\$101.00



Digital Multimeter

Part#
ML 2216-20
\$111.00



Digital Angle Gauge

Part#
ML 48-22-5602
\$27.98



Shockwave Right Angle Adapter

Part# ML 48-32-2390
\$21.62



Right Angle Attachment

Part# ML 49-22-8510
\$54.00



Impact Drivers

13 Pc SHOCKWAVE Impact Duty™ Driver Bit Set

Part# ML 48-32-4035 = \$8.40

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# ML 48-32-4010 = \$25.20

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 2" 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# ML 48-32-4094 = \$35.10

Includes:

- | | | |
|----------------------------|---------------------------------|--------------------------------|
| (1) TORX® Bit 1" T10 | (1) Insert 3/8" Nut Driver | (1) Slotted 1" #10 Bit |
| (1) TORX® Bit 1" T15 | (1) Insert 5/16" Nut Driver | (1) Phillips Bit 1" PR2 |
| (3) Square Bit 1" SQ2 | (1) P2/SQ2 Double Ended Bit | (1) Square Bit 2" SQ2 |
| (4) Phillips Bit 1" P2 | (1) P2/T25 Double Ended Bit | (1) Square Bit 2" SQ3 |
| (1) Phillips Bit 1" P1 | (2) Phillips Bit 1" P3 | (1) TORX® Bit 2" T20 |
| (1) Phillips Bit 3-1/2" P2 | (1) Hex3mm 312 Power Groove Bit | (1) TORX® Bit 2" T25 |
| (1) Square Bit 3-1/2" SQ2 | (1) Hex4mm 312 Power Groove Bit | (3) TORX® Bit 1" T20 |
| (1) Hex Bit 1" 1/8" | (1) Square Bit 1" SQ1 | (5) TORX® Bit 1" T25 |
| (1) Hex Bit 1" 3/16" | (1) Hex5mm 312 Power Groove Bit | (1) TORX® Bit 1" T30 |
| (1) Hex Bit 1" 3/32" | (1) Square Bit 1" SQ3 | (1) 1/4" Magnetic Nut Driver |
| (1) Hex Bit 1" 5/32" | (1) TORX® Bit 1" T27 | (1) 3/8" Magnetic Nut Driver |
| (1) Hex Bit 1" 7/64" | (3) Phillips Bit 2" P2 | (1) 05/16" Magnetic Nut Driver |
| (1) Hex Bit 1" 9/64" | (3) Phillips Bit 2" P3 | |
| (1) Insert 1/4" Nut Driver | | |





23-Pc SHOCKWAVE REDHELIX Titanium Drill Bit Set

Part# ML 48-89-4631 = \$34.52



Includes:

(1) 9/64" Drill Bit (48-89-4606)
 (1) 9/32" Drill Bit (48-89-4615)
 (1) 7/64" Drill Bit (48-89-4604)
 (1) 7/32" Drill Bit (48-89-4611)
 (1) 7/16" Drill Bit (48-89-4625)
 (1) 5/64" Drill Bit (48-89-4602)
 (1) 5/32" Drill Bit (48-89-4607)
 (1) 5/16" Drill Bit (48-89-4617)

(1) 3/8" Drill Bit (48-89-4621)
 (1) 3/32" Drill Bit (48-89-4603)
 (1) 3/16" Drill Bit (48-89-4609)
 (1) 27/64" Drill Bit (48-89-4624)
 (1) 25/64" Drill Bit (48-89-4622)
 (1) 23/64" Drill Bit (48-89-4620)
 (1) 21/64" Drill Bit (48-89-4618)
 (1) 19/64" Drill Bit (48-89-4616)
 (1) 17/64" Drill Bit (48-89-4614)

(1) 15/64" Drill Bit (48-89-4612)
 (1) 15/32" Drill Bit (48-89-4627)
 (1) 13/64" Drill Bit (48-89-4610)
 (1) 11/64" Drill Bit (48-89-4608)
 (1) 11/32" Drill Bit (48-89-4619)
 (1) 1/8" Drill Bit (48-89-4605)
 (1) 1/4" Drill Bit (48-89-4613)
 (1) 1/2" Drill Bit (48-89-4629)
 (1) 1/16" Drill Bit (48-89-4601)



Includes:

(2) 1/16" Drill Bit
 (1) 5/64" Drill Bit
 (1) 3/32" Drill Bit
 (1) 7/64" Drill Bit
 (2) 1/8" Drill Bit
 (1) 9/64" Drill Bit
 (1) 5/32" Drill Bit
 (1) 3/16" Drill Bit
 (1) 7/32" Drill Bit
 (2) 1/4" Drill Bit
 (1) 5/16" Drill Bit
 (1) 3/8" Drill Bit

15 Pc. Cobalt RED HELIX™ Kit

Part# 48-89-2370 = \$34.13

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
- QUADEGE TIP™ designed to decrease heat build up and drill faster
- 3-Flat Secure-Grip™ helps keep the bit fixed within the the chuck



Part#	Size	Price	Part#	Size	Price	Part#	Size	Price
ML 48-89-2301	1/16"	\$2.34	ML 48-89-2307	5/32"	\$3.68	ML 48-89-2317	5/16"	\$7.80
ML 48-89-2303	3/32"	\$2.76	ML 48-89-2308	11/64"	\$4.08	ML 48-89-2321	3/8"	\$12.42
ML 48-89-2305	1/8"	\$2.90	ML 48-89-2309	3/16"	\$4.29	ML 48-89-2325	7/16"	\$14.11
ML 48-89-2306	9/64"	\$3.51	ML 48-89-2313	1/4"	\$5.10	ML 48-89-2329	1/2"	\$16.86



Step Drill Bit 3-Pc Set

Part#
ML 48-89-9221
\$82.00

Includes: (1) Carrying Case
 (1) #4, 3/16" - 7/8" by 1/16" (48-89-9204)
 (1) #2, 3/16" - 1/2" by 1/16" (48-89-9202)
 (1) #1, 1/8" - 1/2" by 1/32" (48-89-9201)

Step Drill Bits

- 2X faster-cutting
- Up to 50% more holes per battery charge
- Laser-engraved reference marks: easily stop on any whole size
- 3-flat secure-grip shank: reduces bit slippage in the chuck



Part#	Size	Price	Part#	Size	Price
ML 48-89-9201	#1 - 1/8" - 1/2" by 1/32"	\$21.19	ML 48-89-9208	#8 - 1/2" - 1" by 1/16"	\$40.44
ML 48-89-9202	#2 - 3/16" - 1/2" by 1/16"	\$27.36	ML 48-89-9209	#9 - 7/8" & 1-1/8"	\$49.56
ML 48-89-9204	#4 - 3/16" - 7/8" by 1/16"	\$37.80	ML 48-89-9212	#12 - 7/8" & 1-3/8"	\$63.00
ML 48-89-9206	#6 - 3/8" - 1/2" by 1/16"	\$24.05			



Includes:

(1) Carry Case,
 (1) #1, 1/8" - 1/2"
 (1) #4, 3/16" - 7/8"
 (1) #9, 7/8" - 1-1/8"

SHOCKWAVE Impact Duty Spiral Step Bits

- Titanium Aluminum Nitride coating RAPID STRIKE™ Tip
- Laser engraving for easy size identification
- Most durable shank with an optimized SHOCK ZONE™



Part#	Size	Price	Part#	Size	Price
ML 48-89-9241	#1 - 1/8" - 1/2"	\$25.48	ML 48-89-9244	#4 - 3/16" - 7/8"	\$41.40
			ML 48-89-9249	#9 - 7/8" & 1-1/8"	\$56.00

SHOCKWAVE Impact Duty Electrical Kit (#1, 4, 9)

Part# ML 48-89-9257 = \$119.00

COMING SOON!

Milwaukee

Milwaukee



9-Pc Saw Chain Sharpening Set with PACKOUT Low-Profile Compact Organizer

Part# ML 49-16-2880

Fast sharpening for less downtime. Handles designed for fast, easy file swaps.
Includes: (2) 5/32", (2) 3/16", (1) 7/32" Round Files, (1) Flat File, (1) Round File Handle, (1) Flat File Handle, and (1) Depth Gauge.

- Wide Range at all Positions
- Maximum Capacity- X"
- Fast Ratcheting Action
- Self Tightening Jaws



Part#	Size	Part#	Size
ML 48-22-6906	5"	ML 48-22-6910	10"
ML 48-22-6907	7"	ML 48-22-6912	12"

COMING SOON!

M18™ Brushless Handheld Vacuum

Part# ML 0892-20



- Highest Sustained Airflow for Quick Cleaning Tasks
- Integrated Debris Separator provides highest sustained airflow
- Brushless motor delivers 40 CFM and 63" of suction



2-Pc Pliers Wrench Set (7" & 10")

Part# ML 48-22-6930



M12 FUEL 1/4" Ratchet

Part# ML 3052-20

Anvil Size:	1/4"
Anvil Type:	Ball Detent
Max Torque:	45 ft-lbs
RPM:	550
Size:	12" x 2.2" x 1.6"
Number Speed Settings:	Variable
Weight (without Battery)	1.5 lb



M12 FUEL 3/8" Ratchet

Part# ML 3053-20

Anvil Size:	3/8"
Anvil Type:	Ball Detent
Max Torque:	70 ft-lbs
RPM:	400
Size:	12" x 2.2" x 1.6"
Weight (without Battery)	1.5 lb



M12 FUEL 1/2" Ratchet

Part# ML 3054-20

Anvil Size:	1/2"
Anvil Type:	Ball Detent
Max Torque:	80 ft-lbs
RPM:	400
Size:	12.2" x 2.2" x 1.6"
Weight (without Battery)	1.7 lb



norseman
DRILL & TOOL

America's Finest High-Speed Cutting Tools



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™



SCAN ME!

Get Your

NORSEMAN
DRILL & TOOL
America's Finest High-Speed Steel Cutting Tools™

Full Line Catalog!

- **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.

SAE

Jobber Lengths

Wire Type 190-AG Super Premium 135° Split Point

Part#	Size	Price	Part#	Size	Price	Part#	Size	Price
NM 38940	1	\$3.25	NM 39150	22	\$1.84	NM 88410	42	\$1.67
NM 38950	2	\$3.25	NM 39160	23	\$1.81	NM 88400	43	\$1.67
NM 38960	3	\$2.99	NM 39170	24	\$1.81	NM 88390	44	\$1.67
NM 38970	4	\$2.99	NM 39180	25	\$1.74	NM 88380	45	\$1.67
NM 38980	5	\$2.99	NM 39190	26	\$1.74	NM 88370	46	\$1.67
NM 38990	6	\$2.99	NM 39200	27	\$1.74	NM 88360	47	\$1.67
NM 39000	7	\$2.66	NM 39210	28	\$1.67	NM 88350	48	\$1.67
NM 39010	8	\$2.66	NM 39220	29	\$1.67	NM 88340	49	\$1.67
NM 39020	9	\$2.66	NM 39230	30	\$1.67	NM 88330	50	\$1.67
NM 39030	10	\$2.59	NM 92310	31	\$1.67	NM 88320	51	\$1.67
NM 39040	11	\$2.38	NM 92300	32	\$1.67	NM 88310	52	\$1.67
NM 39050	12	\$2.38	NM 92290	33	\$1.67	NM 88300	53	\$1.67
NM 39060	13	\$2.30	NM 92280	34	\$1.67	NM 88290	54	\$1.67
NM 39070	14	\$2.30	NM 92270	35	\$1.67	NM 88280	55	\$1.67
NM 39080	15	\$2.30	NM 92260	36	\$1.67	NM 88270	56	\$1.67
NM 39090	16	\$2.30	NM 92250	37	\$1.67	NM 88260	57	\$1.67
NM 39100	17	\$2.30	NM 92240	38	\$1.67	NM 88250	58	\$1.67
NM 39110	18	\$2.02	NM 92230	39	\$1.67	NM 88240	59	\$1.67
NM 39120	19	\$2.02	NM 92220	40	\$1.67	NM 88230	60	\$1.67
NM 39130	20	\$2.02	NM 88420	41	\$1.67			
NM 39140	21	\$1.84						



WHITE HORSE
HARDWARE
& SUPPLY STORE

Type 175-AG Black & Gold Super Premium Bits 135° Split Point

SAE

- 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
NM 22860	1/16"	\$1.24	NM 22860-PK	\$13.40	12
NM 22870	5/64"	\$1.31	NM 22870-PK	\$14.14	12
NM 22880	3/32"	\$1.31	NM 22880-PK	\$14.14	12
NM 86950	7/64"	\$1.41	NM 86950-PK	\$15.24	12
NM 86960	1/8"	\$1.68	NM 86960-PK	\$18.18	12
NM 86970	9/64"	\$1.68	NM 86970-PK	\$18.18	12
NM 86980	5/32"	\$1.70	NM 86980-PK	\$18.32	12
NM 86990	11/64"	\$1.78	NM 86990-PK	\$19.18	12
NM 87000	3/16"	\$2.34	NM 87000-PK	\$25.23	12
NM 87010	13/64"	\$2.56	NM 87010-PK	\$27.65	12
NM 87020	7/32"	\$2.64	NM 87020-PK	\$28.51	12
NM 87030	15/64"	\$2.83	NM 87030-PK	\$30.59	12
NM 87040	1/4"	\$3.18	NM 87040-PK	\$34.39	12
NM 87050	17/64"	\$3.71	NM 87050-PK	\$40.09	12

Part#	Size	Price Ea.	Part#	Package Price	Package Qty
NM 87060	9/32"	\$3.94	NM 87060-PK	\$42.51	12
NM 87070	19/64"	\$4.40	NM 87070-PK	\$23.76	6
NM 87080	5/16"	\$4.64	NM 87080-PK	\$25.06	6
NM 87090	21/64"	\$4.94	NM 87090-PK	\$26.70	6
NM 87100	11/32"	\$6.32	NM 87100-PK	\$34.13	6
NM 87110	23/64"	\$7.01	NM 87110-PK	\$37.84	6
NM 87120	3/8"	\$7.22	NM 87120-PK	\$38.97	6
NM 87130	25/64"	\$7.48	NM 87130-PK	\$40.40	6
NM 87140	13/32"	\$7.73	NM 87140-PK	\$41.73	6
NM 87150	27/64"	\$8.57	NM 87150-PK	\$46.28	6
NM 87160	7/16"	\$8.87	NM 87160-PK	\$47.92	6
NM 87170	29/64"	\$9.96	NM 87170-PK	\$53.79	6
NM 87180	15/32"	\$10.59	NM 87180-PK	\$57.16	6
NM 87190	31/64"	\$11.24	NM 87190-PK	\$61.00	6
NM 87200	1/2"	\$11.43	NM 87200-PK	\$62.00	6

SPM-29 175 AG Set 29 pc Mechanical Length Drill Set



Part#	Sizes	Price
NM 66480	1/16" - 1/2" by 64th	\$133.00

SPM-15 175 AG Set 15 pc Mechanical Length Drill Set



Part#	Sizes	Price
NM 66470	1/16 - 1/2" by 32nd	\$76.00

SPM-29P 175 AG Set 29 pc Black Ultra Dex



Part#	Description of Sizes	Price
NM 66820	1/16 - 1/2" by 64th - with Ultra Dex	\$135.00

SPM-13 175 AG Set 13 pc Mechanical Length Drill Set



Part#	Description of Sizes	Price
NM 66460	1/16 - 1/4" by 64th	\$27.78

**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.

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
NM 05580	1/16"	\$1.24	NM 05580-PK	\$13.40	12	NM 05730	19/64"	\$4.03	NM 05730-PK	\$21.77	6
NM 05590	5/64"	\$1.31	NM 05590-PK	\$14.14	12	NM 05740	5/16"	\$4.27	NM 05740-PK	\$23.07	6
NM 05600	3/32"	\$1.31	NM 05600-PK	\$14.14	12	NM 05750	21/64"	\$4.56	NM 05750-PK	\$24.62	6
NM 05610	7/64"	\$1.41	NM 05610-PK	\$15.24	12	NM 05760	11/32"	\$5.39	NM 05760-PK	\$29.12	6
NM 05620	1/8"	\$1.62	NM 05620-PK	\$17.44	12	NM 05770	23/64"	\$5.73	NM 05770-PK	\$30.93	6
NM 05630	9/64"	\$1.68	NM 05630-PK	\$18.18	12	NM 05780	3/8"	\$6.24	NM 05780-PK	\$33.70	6
NM 05640	5/32"	\$1.70	NM 05640-PK	\$18.32	12	NM 05790	25/64"	\$6.83	NM 05790-PK	\$36.89	6
NM 05650	11/64"	\$1.78	NM 05650-PK	\$19.18	12	NM 05800	13/32"	\$7.22	NM 05800-PK	\$38.97	6
NM 05660	3/16"	\$2.13	NM 05660-PK	\$22.98	12	NM 05810	27/64"	\$7.54	NM 05810-PK	\$40.69	6
NM 05670	13/64"	\$2.32	NM 05670-PK	\$25.06	12	NM 05820	7/16"	\$7.69	NM 05820-PK	\$41.50	6
NM 05680	7/32"	\$2.38	NM 05680-PK	\$25.75	12	NM 05830	29/64"	\$8.48	NM 05830-PK	\$45.81	6
NM 05690	15/64"	\$2.56	NM 05690-PK	\$27.65	12	NM 05840	15/32"	\$9.02	NM 05840-PK	\$48.70	6
NM 05700	1/4"	\$2.80	NM 05700-PK	\$30.24	12	NM 05850	31/64"	\$9.28	NM 05850-PK	\$50.00	6
NM 05710	17/64"	\$3.33	NM 05710-PK	\$35.94	12	NM 05860	1/2"	\$9.53	NM 05860-PK	\$51.00	6
NM 05720	9/32"	\$3.57	NM 05720-PK	\$38.53	12						

SP-60 60 Pc Set HD Super Premium Jobber Length Drill Bit Set



Part#	Description of Sizes	Price
NM 88640	Wire Sizes 1 thru 60	\$100.00

SP-29P 29 Pc Ultra Dex Black & Gold Super Premium 135° Split Point Drill Bit Set



Part#	Description of Sizes	Price
NM 44170	1/16 - 1/2 by 64th	\$127.00

SP-115 115 Pc Set Black & Gold Super Premium 135° Split Point Drill Bit Set

Part#	Description of Sizes	Price
NM 93840	1/16" - 1/2" x 64 ths + A-Z & 1-60	\$351.00



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.

Vortex-Point Drill Bits

SAE

Type 175-VT

- 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
NM 22573	1/16"	\$1.24	NM 22573-PK	\$6.70	6
NM 22583	5/64"	\$1.31	NM 22583-PK	\$7.07	6
NM 22593	3/32"	\$1.31	NM 22593-PK	\$7.07	6
NM 22603	7/64"	\$4.13	NM 22603-PK	\$22.29	6
NM 22613	1/8"	\$4.40	NM 22613-PK	\$23.76	6
NM 22623	9/64"	\$4.43	NM 22623-PK	\$23.93	6
NM 22633	5/32"	\$4.53	NM 22633-PK	\$24.45	6
NM 22643	11/64"	\$4.59	NM 22643-PK	\$24.80	6
NM 22653	3/16"	\$5.15	NM 22653-PK	\$27.82	6
NM 22663	13/64"	\$5.39	NM 22663-PK	\$29.12	6
NM 22673	7/32"	\$5.47	NM 22673-PK	\$29.55	6
NM 22683	15/64"	\$5.66	NM 22683-PK	\$30.59	6
NM 22693	1/4"	\$6.02	NM 22693-PK	\$32.49	6
NM 22703	17/64"	\$6.74	NM 22703-PK	\$36.37	6

Part#	Size	Price Ea.	Part#	Package Price	Package Qty
NM 22713	9/32"	\$6.96	NM 22713-PK	\$37.58	6
NM 22723	19/64"	\$7.42	NM 22723-PK	\$20.04	6
NM 22733	5/16"	\$7.66	NM 22733-PK	\$20.69	6
NM 22743	21/64"	\$7.97	NM 22743-PK	\$21.51	6
NM 22753	11/32"	\$8.48	NM 22753-PK	\$22.90	6
NM 22763	23/64"	\$9.11	NM 22763-PK	\$24.59	6
NM 22773	3/8"	\$9.40	NM 22773-PK	\$25.37	3
NM 22783	25/64"	\$10.34	NM 22783-PK	\$27.91	3
NM 22793	13/32"	\$10.59	NM 22793-PK	\$28.58	3
NM 22803	27/64"	\$11.43	NM 22803-PK	\$30.85	3
NM 22813	7/16"	\$11.77	NM 22813-PK	\$31.79	3
NM 22823	29/64"	\$12.88	NM 22823-PK	\$34.77	3
NM 22833	15/32"	\$13.51	NM 22833-PK	\$36.49	3
NM 22843	31/64"	\$14.15	NM 22843-PK	\$38.21	3
NM 22853	1/2"	\$14.41	NM 22853-PK	\$38.92	3



VT-29P 29-Pc Set

Part#	Description of Sizes	Price
NM 22903	1/16" - 1/2" by 64th	\$193.00



VT-15 15-Pc Set

Part#	Description of Sizes	Price
NM 22873	1/16" - 1/2" by 32nd	\$104.00

**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 130-AG 1/2" SHANK SILVER & DEMING Premium Bits

SAE



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.

Part#	Size	Price
NM 29550	33/64"	\$22.48
NM 29560	17/32"	\$21.41
NM 29570	35/64"	\$23.44
NM 29580	9/16"	\$22.09
NM 29590	37/64"	\$25.66
NM 29600	19/32"	\$24.43
NM 29610	39/64"	\$25.89
NM 29620	5/8"	\$24.64
NM 29630	41/64"	\$27.85
NM 29640	21/32"	\$26.53

Part#	Size	Price
NM 29650	43/64"	\$27.90
NM 29660	11/16"	\$27.55
NM 29670	45/64"	\$29.36
NM 29680	23/32"	\$27.95
NM 29690	47/64"	\$30.39
NM 29700	3/4"	\$28.94
NM 29710	49/64"	\$32.94
NM 29720	25/32"	\$31.35
NM 29730	51/64"	\$33.53
NM 29740	13/16"	\$31.95

Part#	Size	Price
NM 29750	53/64"	\$35.46
NM 29760	27/32"	\$33.79
NM 29770	55/64"	\$36.26
NM 29780	7/8"	\$34.55
NM 29790	57/64"	\$38.49
NM 29800	29/32"	\$36.64
NM 29810	59/64"	\$40.50
NM 29820	15/16"	\$38.57
NM 29830	61/64"	\$43.67
NM 29840	31/32"	\$41.61

Part#	Size	Price
NM 29850	63/64"	\$47.16
NM 29860	1"	\$44.91
NM 29870	1-1/32"	\$64.00
NM 29880	1-1/16"	\$59.00
NM 29890	1-3/32"	\$71.00
NM 29900	1-1/8"	\$65.00
NM 29920	1-3/16"	\$69.00
NM 29940	1-1/4"	\$76.00
NM 29960	1-3/8"	\$107.00
NM 29980	1-1/2"	\$123.00
NM 62730	7-1/2" Extension	\$40.04

S & D-4SP 4-Pc Set



Part#	Desc. of Sizes	Price
NM 12250	9/16", 5/8", 3/4" & 1"	\$130.00

S & D-8SP 8-Pc Set



Part#	Desc. of Sizes	Price
NM 92400	9/16" though 1" by 1/16"	\$282.00

SAE



NAS 907C - SCREW MACHINE HD Super Premium (135 AG)

Part#	Size	Price Ea.
NM 87710	1/16	\$1.24
NM 87720	5/64	\$1.31
NM 87730	3/32	\$1.31
NM 87740	7/64	\$1.41
NM 87750	1/8	\$1.50
NM 87760	9/64	\$1.53
NM 87770	5/32	\$1.68
NM 87780	11/64	\$1.76
NM 87790	3/16	\$1.82
NM 87800	13/64	\$1.95
NM 87810	7/32	\$2.30
NM 87820	15/64	\$2.32
NM 87830	1/4	\$2.48
NM 87840	17/64	\$2.88

Part#	Package Price	Package Qty
NM PK-87710	\$13.40	12
NM PK-87720	\$14.14	12
NM PK-87730	\$14.14	12
NM PK-87740	\$15.24	12
NM PK-87750	\$16.16	12
NM PK-87760	\$16.52	12
NM PK-87770	\$18.18	12
NM PK-87780	\$19.01	12
NM PK-87790	\$19.70	12
NM PK-87800	\$21.08	12
NM PK-87810	\$24.88	12
NM PK-87820	\$25.06	12
NM PK-87830	\$26.78	12
NM PK-87840	\$31.10	12

Part#	Size	Price Ea.
NM 87850	9/32	\$3.12
NM 87860	19/64	\$3.31
NM 87870	5/16	\$3.63
NM 87880	21/64	\$3.92
NM 87890	11/32	\$4.43
NM 87900	23/64	\$5.15
NM 87910	3/8	\$5.41
NM 87920	25/64	\$6.08
NM 87930	13/32	\$6.43
NM 87940	27/64	\$6.98
NM 87950	7/16	\$7.15
NM 87960	29/64	\$7.69
NM 87970	15/32	\$8.13
NM 87980	31/64	\$8.38
NM 87990	1/2	\$8.38

Part#	Package Price	Package Qty
NM PK-87850	\$33.70	12
NM PK-87860	\$17.88	6
NM PK-87870	\$19.61	6
NM PK-87880	\$21.17	6
NM PK-87890	\$23.93	6
NM PK-87900	\$27.82	6
NM PK-87910	\$29.20	6
NM PK-87920	\$32.83	6
NM PK-87930	\$34.73	6
NM PK-87940	\$37.67	6
NM PK-87950	\$38.62	6
NM PK-87960	\$41.50	6
NM PK-87970	\$43.93	6
NM PK-87980	\$45.26	6
NM PK-87990	\$45.26	6



MANUFACTURER DEFECT WARRANTY
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NAS 907C - SCREW MACHINE HD Super Premium (135 AG)

Part#	Wire Size	Price Ea.	Part#	Wire Size	Price Ea.	Part#	Wire Size	Price Ea.	Part#	Wire Size	Price Ea.
NM 23550	60	\$1.51	NM 87230	38	\$1.51	NM 87450	16	\$2.05	NM 23651	F	\$3.06
NM 23540	59	\$1.51	NM 87240	37	\$1.51	NM 87460	15	\$2.05	NM 23661	G	\$3.23
NM 23530	58	\$1.51	NM 87250	36	\$1.51	NM 87470	14	\$2.05	NM 23671	H	\$3.23
NM 23520	57	\$1.51	NM 87260	35	\$1.51	NM 87480	13	\$2.05	NM 23681	I	\$3.23
NM 23510	56	\$1.51	NM 87270	34	\$1.53	NM 87490	12	\$2.19	NM 23691	J	\$3.46
NM 23500	55	\$1.51	NM 87280	33	\$1.53	NM 87500	11	\$2.19	NM 23701	K	\$3.73
NM 23490	54	\$1.51	NM 87290	32	\$1.53	NM 87510	10	\$2.19	NM 23711	L	\$3.73
NM 23480	53	\$1.51	NM 87300	31	\$1.53	NM 87520	9	\$2.19	NM 23721	M	\$4.11
NM 23470	52	\$1.51	NM 87310	30	\$1.58	NM 87530	8	\$2.19	NM 23731	N	\$4.11
NM 23460	51	\$1.51	NM 87320	29	\$1.58	NM 87540	7	\$2.19	NM 23741	O	\$4.11
NM 23450	50	\$1.51	NM 87330	28	\$1.58	NM 87550	6	\$2.46	NM 23751	P	\$4.53
NM 23440	49	\$1.51	NM 87340	27	\$1.68	NM 87560	5	\$2.46	NM 23761	Q	\$4.53
NM 23430	48	\$1.51	NM 87350	26	\$1.68	NM 87570	4	\$2.46	NM 23771	R	\$4.53
NM 23420	47	\$1.51	NM 87360	25	\$1.68	NM 87580	3	\$2.46	NM 23781	S	\$5.20
NM 23410	46	\$1.51	NM 87370	24	\$1.76	NM 87590	2	\$2.70	NM 23791	T	\$6.11
NM 23400	45	\$1.51	NM 87380	23	\$1.76	NM 87600	1	\$2.70	NM 23801	U	\$6.11
NM 23390	44	\$1.51	NM 87390	22	\$1.76				NM 23811	V	\$6.54
NM 23380	43	\$1.51	NM 87400	21	\$1.76	NM 23601	A	\$2.78	NM 23821	W	\$6.82
NM 23370	42	\$1.51	NM 87410	20	\$1.84	NM 23611	B	\$2.78	NM 23831	X	\$7.97
NM 23360	41	\$1.51	NM 87420	19	\$1.84	NM 23621	C	\$2.78	NM 23841	Y	\$8.58
NM 87210	40	\$1.51	NM 87430	18	\$1.84	NM 23631	D	\$2.78	NM 23851	Z	\$8.58
NM 87220	39	\$1.51	NM 87440	17	\$2.05	NM 23641	E	\$2.48			

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.



Type 170-AG

Recommended for use in work hardening grades of stainless steel and other hard metal drilling applications.



Part#	Diameter	Price	Part#	Diameter	Price	Part#	Diameter	Price	Part#	Diameter	Price
NM 48820	1 mm	\$1.56	NM 49320	4.5 mm	\$2.00	NM 49620	7.5 mm	\$4.06	NM 49890	10.5 mm	\$7.60
NM 48920	1.5 mm	\$1.56	NM 49370	5.0 mm	\$2.26	NM 49670	8 mm	\$4.66	NM 49910	11 mm	\$8.05
NM 49020	2.0 mm	\$1.38	NM 49420	5.5 mm	\$2.42	NM 49720	8.5 mm	\$5.26	NM 49930	11.5 mm	\$8.70
NM 49120	2.5 mm	\$1.50	NM 49470	6 mm	\$2.70	NM 49770	9 mm	\$5.98	NM 49950	12.0 mm	\$9.14
NM 49170	3.0 mm	\$1.38	NM 49520	6.5 mm	\$3.20	NM 49820	9.5 mm	\$6.32	NM 49970	12.5 mm	\$9.69
NM 49220	3.5 mm	\$1.65	NM 49570	7 mm	\$3.49	NM 49870	10 mm	\$7.23	NM 49980	13 mm	\$11.09

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.



Part#	Diameter	Price	Part#	Diameter	Price	Part#	Diameter	Price	Part#	Diameter	Price
NM 25500	14mm	\$22.33	NM 25511	17.5mm	\$27.27	NM 25520	20mm	\$31.60	NM 25529	22.5mm	\$35.01
NM 25501	14.5mm	\$23.39	NM 25512	18mm	\$27.95	NM 25521	20.5mm	\$32.29	NM 25530	23mm	\$35.76
NM 25502	15mm	\$24.44	NM 25543	18.5mm	\$28.46	NM 25522	21mm	\$32.99	NM 25531	23.5mm	\$38.08
NM 25541	15.5mm	\$26.52	NM 25514	19mm	\$28.94	NM 25523	21.5mm	\$33.63	NM 25532	24mm	\$40.42
NM 25504	16mm	\$27.03	NM 25544	19.5mm	\$30.27	NM 25524	22mm	\$34.22	NM 25549	24.5mm	\$42.51
NM 25542	16.5mm	\$27.57							NM 25534	25mm	\$44.58
NM 25510	17mm	\$26.33									





MANUFACTURER DEFECT WARRANTY
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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
NM 64020	3/4"	3/8"	\$44.29
NM 62070	1"	3/8"	\$35.21
NM 62080	1-1/16"	3/8"	\$36.36
NM 62090	1-1/8"	3/8"	\$39.39
NM 64100	1-1/4"	3/8"	\$57.00
NM 64120	1-3/8"	3/8"	\$57.00
NM 64140	1-1/2"	3/8"	\$60.00
NM 64160	1-5/8"	3/8"	\$67.00
NM 64180	1-3/4"	3/8"	\$67.00
NM 64200	1-7/8"	3/8"	\$67.00
NM 64220	2"	3/8"	\$79.00

Part#	Diameter	Shank Diameter	Price
NM 64250	2-1/8"	3/8"	\$104.00
NM 64270	2-1/4"	3/8"	\$107.00
NM 64290	2-3/8"	3/8"	\$107.00
NM 64340	2-1/2"	3/8"	\$107.00
NM 64360	2-5/8"	3/8"	\$116.00
NM 64380	2-3/4"	3/8"	\$116.00
NM 64400	2-7/8"	3/8"	\$116.00
NM 64420	3"	3/8"	\$132.00
NM 64440	3-1/2"	3/8"	\$133.00
NM 64460	4"	3/8"	\$165.00
NM 64480	4-1/2"	3/8"	\$174.00

Part#	Description	Price
NM 62530	Spring	\$0.36
NM 62490	Screw	\$0.56
NM 64231	Pilot	\$7.40

Jobber Lengths

Letter - HSS Heavy-Duty NAS 907B Jobber Bits

SAE

Part#	Size	Price	Part#	Size	Price	Part#	Size	Price	Part#	Size	Price
NM 39460	A	\$3.49	NM 39530	H	\$4.18	NM 39600	O	\$5.22	NM 39670	V	\$7.78
NM 39470	B	\$3.49	NM 39540	I	\$4.18	NM 39610	P	\$5.86	NM 39680	W	\$7.37
NM 39480	C	\$3.49	NM 39550	J	\$4.40	NM 39620	Q	\$6.00	NM 39690	X	\$8.77
NM 39490	D	\$3.39	NM 39560	K	\$4.91	NM 39630	R	\$6.26	NM 39700	Y	\$10.30
NM 39500	E	\$2.80	NM 39570	L	\$4.78	NM 39640	S	\$6.77	NM 39710	Z	\$10.53
NM 39510	F	\$3.76	NM 39580	M	\$5.22	NM 39650	T	\$7.60			
NM 39520	G	\$4.08	NM 39590	N	\$5.22	NM 39660	U	\$7.60			

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
NM 39240	1/8" x 6"	\$8.13	NM 40780	1/8" x 9"	\$14.24	NM 43050	1/8" x 12"	\$17.11
NM 39300	3/16" x 6"	\$8.90	NM 40800	3/16" x 9"	\$14.99	NM 43070	3/16" x 12"	\$18.62
NM 39360	1/4" x 6"	\$9.96	NM 40820	1/4" x 9"	\$17.21	NM 43090	1/4" x 12"	\$25.44
NM 39390	5/16" x 6"	\$10.37	NM 40840	5/16" x 9"	\$19.01	NM 43110	5/16" x 12"	\$27.38
NM 39410	3/8" x 6"	\$13.85	NM 40860	3/8" x 9"	\$21.49	NM 43130	3/8" x 12"	\$29.16
NM 39440	1/2" x 6"	\$15.64	NM 40880	1/2" x 9"	\$32.28	NM 43150	1/2" x 12"	\$44.86

Type 190-AL Jobber Bits



SAE

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
NM 92430	1/16"	\$5.12
NM 89290	3/32"	\$5.12
NM 92440	1/8"	\$5.12
NM 23170	5/32"	\$5.95

Part#	Size	Price
NM 92450	3/16"	\$7.15
NM 92444	7/32"	\$7.74
NM 92460	1/4"	\$8.96
NM 92453	9/32"	\$11.38

Part#	Size	Price
NM 92470	5/16"	\$13.59
NM 92480	3/8"	\$20.38
NM 92490	7/16"	\$26.68
NM 92500	1/2"	\$32.72

LF-12 12-Pc Type 190-AL Left Hand Drill Set

Part#	Description of Sizes	Price
NM 87651	1/16 - 5/16 by 32nds, 3/8, 7/16 & 1/2	\$146.00



Drywall Bits for Cutouts

Type 180-GP - Black & Gold High-Speed Steel Guide Point Left -Hand Cut

- Cuts material Up to 1" thick
- Left-hand spiral, Right hand cut.
- For use with Rotozip Spiral saws



Gold oxide treated body and clearance for maximum lubricity

Part#	Diameter Inches	Overall Length Inches	Price
NM 68000	1/8"	2-1/4"	\$1.39

Type 180-SA Bright Finish High-Speed Steel Left -Hand Cut



It is recommended for non-ferrous metals, wood and fiberglass

- Cuts material Up to 1" thick
- Left-hand spiral, Right hand cut.
- For use with Rotozip Spiral saws
- Cuts a variety of materials from wood to fiberglass

Part#	Diameter Inches	Overall Length Inches	Price
NM 68030	1/8"	2-1/4"	\$1.31

**MANUFACTURER DEFECT WARRANTY**

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Annular Cutters



SAE

M35 Cobalt Type 14, 1" Cut Depth

Part#	Size	Price
NM 16641	1/2"	\$40.14
NM 16651	9/16"	\$41.93
NM 16661	5/8"	\$45.33
NM 16671	11/16"	\$47.26
NM 16681	3/4"	\$51.00
NM 16691	13/16"	\$53.00
NM 16701	7/8"	\$56.00

Part#	Size	Price
NM 16711	15/16"	\$60.00
NM 16721	1"	\$64.00
NM 16731	1-1/16"	\$67.00
NM 16741	1-1/8"	\$73.00
NM 16751	1-3/16"	\$75.00
NM 16761	1-1/4"	\$86.00

M35 Cobalt Type 14, 2" Cut Depth

Part#	Size	Price
NM 16642	1/2"	\$56.00
NM 16652	9/16"	\$67.00
NM 16662	5/8"	\$67.00
NM 16672	11/16"	\$71.00
NM 16682	3/4"	\$74.00
NM 16692	13/16"	\$79.00
NM 16702	7/8"	\$81.00

Part#	Size	Price
NM 16712	15/16"	\$88.00
NM 16722	1"	\$99.00
NM 16732	1-1/16"	\$95.00
NM 16742	1-1/8"	\$104.00
NM 16752	1-3/16"	\$112.00
NM 16762	1-1/4"	\$119.00



Import

Pilot Pin

Part#	Size	Cut Depth	Price
NM 00902	1/4"	1"	\$6.06
NM 00903	1/4"	2"	\$7.14

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
NM 57100	EX 1	\$2.05
NM 57110	EX 2	\$2.19

Part#	Size	Price
NM 57120	EX 3	\$2.43
NM 57130	EX 4	\$2.67

Part#	Size	Price
NM 57140	EX 5	\$3.54
NM 57150	EX 6	\$7.49

Part#	Size	Price
NM 57160	EX 7	\$11.64
NM 57170	EX 8	\$17.95

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
NM 58510	EX 1, 2, 3, 4 & 5 + 3/32, 1/8, 3/16, 1/4, 5/16	\$59.00



MANUFACTURER DEFECT WARRANTY

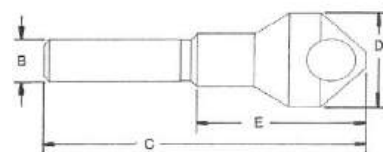
White Horse Machine reserves the right, at its sole discretion, to honor the replacement of any or all items if manufacturer's defects develop under normal use within the warranty period.

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		Shank Diameter	Overall Length (C)	(D)	(E)	Price
NM 67120	SC3/16	3/16"	17/32"	1/4"	1-3/4"	1/8"	1"	\$14.55
NM 67130	CS307	5/16"	25/32"	1/2"	2-5/8"	13/16"	1-3/8"	\$25.23
NM 67140	CS307A	5/16"	25/32"	1/4"	2-1/16"	13/16"	1-1/4"	\$25.23
NM 67150	CS431	7/16"	7/8"	1/2"	2-13/16"	1-1/8"	1-9/16"	\$41.40
NM 67160	CS1/2B	1/2"	1-15/32"	1/2"	3-1/2"	1-1/2"	2-1/8"	\$94.00



6-Flute 82° Chatter-less HSS Countersink

Type 83-AG HSS 82° Countersink

Part#	Size	Drill Diameter	Shank Size	Price
NM 67700	1/4"	6-Flute	1/4"	\$8.03
NM 67710	5/16"	6-Flute	1/4"	\$9.32
NM 67720	3/8"	6-Flute	1/4"	\$11.09
NM 67730	1/2"	6-Flute	3/8"	\$13.50
NM 67740	5/8"	6-Flute	3/8"	\$19.31
NM 67750	3/4"	6-Flute	1/2"	\$25.55
NM 67760	7/8"	6-Flute	1/2"	\$32.59
NM 67770	1"	6-Flute	1/2"	\$39.29
NM 67780	1-1/4"	6-Flute	1/2"	\$59.00
NM 67790	1-1/2"	6-Flute	3/4"	\$81.00



4-Pc HSS 82° Countersink Set

Part#	Size	Drill Diameter	Shank Size	Price
NM 67800	1/4", 5/16", 3/8", 1/2"	6-Flute	1/4", 3/8"	\$42.30



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
NM 96050	4 oz.	\$3.81
NM 96070	16 oz.	\$10.61



**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
NM 35630	13/16"	1-1/4"	5"	7"	\$94.00

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
NM 20530	13/16"	1-1/4"	7-3/8"	9-3/8"	\$109.00



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
NM 06391	3/8"	4-5/8"	3/8"	0.250"	5/16"	\$43.38
NM 06501	7/16"	5-7/8"	7/16"	0.250"	3/8"	\$54.00
NM 06401	1/2"	5-7/8"	1/2"	0.281"	3/8"	\$52.00
NM 06411	9/16"	5-7/8"	1/2"	0.343"	7/16"	\$55.00
NM 06421	5/8"	6-3/8"	1/2"	0.343"	7/16"	\$60.00
NM 06431	11/16"	6-3/8"	1/2"	0.375"	15/32"	\$67.00
NM 06441	3/4"	6-7/8"	1/2"	0.406"	1/2"	\$80.00
NM 06461	7/8"	6-7/8"	1/2"	0.500"	19/32"	\$90.00
NM 06481	1"	6-7/8"	1/2"	0.594"	7/8"	\$106.00



CR-4FS Type 51-AG Fast Spiral Hole Buster™ Reamer Set

Part#	Description of Sizes	Price
NM 12271	3/8", 1/2", 5/8", 3/4"	\$251.00



Drill Stands

- These drill stands can be hung on a wall, used on a bench, or mounted on a press.

Part#	Dimensions	Price
NM 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	\$12.85



MANUFACTURER DEFECT WARRANTY

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Premium Carbide Burrs Sets

Premium Carbide Double Cut Burr Set

Part#	Description of Sizes	Price
NM 19649	Includes 9 Sizes: SA-1, SA-3, SA-5, SC-1, SC-3, SC-5, SF-1, SF-3, SF-5	\$160.00



Premium Carbide Burrs

1/8" Shank

Part#	Size	Cut Diameter	Length of Cut	Shank Diameter	Price
NM 17159	SA-51	1/4"	1/2"	1/8"	\$11.95
NM 18039	SD-51	1/4"	1/4"	1/8"	\$11.70
NM 18469	SF-51	1/4"	1/2"	1/8"	\$11.70
NM 18729	SG-51	1/4"	1/2"	1/8"	\$11.70

1/4" Shank

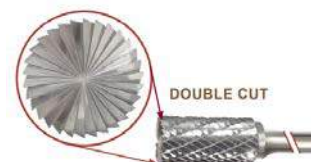
SA - Cylinder Shape - No End Cut - Double Cut

Part#	Size	Cut Diameter	Length of Cut	Shank Diameter	Price
NM 17169	SA-1	1/4"	5/8"	1/4"	\$11.70
NM 17219	SA-3	3/8"	3/4"	1/4"	\$14.80
NM 17279	SA-5	1/2"	1"	1/4"	\$22.83



SB-1 - Cylinder Shape - End Cut- Burr

NM 17489	SB-1	1/4"	5/8"	1/4"	\$12.47
NM 17519	SB-3	3/8"	3/4"	1/4"	\$16.10
NM 17559	SCB5	1/2"	1"	1/4"	\$26.04



SC - Cylinder Shape - Radius End - Double

NM 17749	SC-1	1/4"	5/8"	1/4"	\$13.05
NM 17799	SC-3	3/8"	3/4"	1/4"	\$16.70
NM 17859	SC-5	1/2"	1"	1/4"	\$25.72



SC - Cylinder Shape Radius - 6" Extended Shank Length

NM 17819	SC-3L6	3/8"	1"	1/4"	\$25.03
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SD - Ball Shape

NM 18049	SD-1	1/4"	1/4"	1/4"	\$12.34
NM 18089	SD-3	3/8"	3/8"	1/4"	\$14.55
NM 18129	SD-5	1/2"	1/2"	1/4"	\$18.56



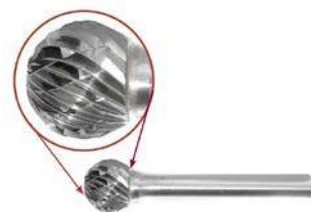
**MANUFACTURER DEFECT WARRANTY**

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.

1/4" Shank

SD - Ball Shape - 6" Extended Shank Length

NM 18139	SD-5L6	1/2"	7/16"	1/4"	\$28.78
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SE - Oval/Egg Shape

Part#	Size	Cut Diameter	Length of Cut	Shank Diameter	Price
NM 18279	SE-1	1/4"	1/4"	1/4"	\$14.78
NM 18299	SE-3	3/8"	3/8"	1/4"	\$17.98
NM 18329	SE-5	1/2"	7/8"	1/4"	\$25.37



SF - Tree Shape Radius

NM 18479	SF-1	1/4"	5/8"	1/4"	\$13.67
NM 18509	SF-3	3/8"	3/4"	1/4"	\$16.73
NM 18559	SF-5	1/2"	1"	1/4"	\$23.62



SG - Pointed Tree Shape

Part#	Size	Cut Diameter	Length of Cut	Shank Diameter	Price
NM 18739	SG-1	1/4"	5/8"	1/4"	\$13.98
NM 18769	SG-3	3/8"	3/4"	1/4"	\$16.95
NM 18799	SG-5	1/2"	1"	1/4"	\$23.56



SG - Pointed Tree Shape - 6" Extended Shank Length

NM 18779	SG-3L6	3/8"	3/4"	1/4"	\$25.44
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SL - Taper Shape Radius 14° Included Angle

NM 19189	SL-1	1/4"	5/8"	1/4"	\$13.85
NM 19219	SL-3	3/8"	1-1/16"	1/4"	\$20.20
NM 19249	SL-4	1/2"	1-1/8"	1/4"	\$26.19



SM - Pointed Cone Shape (Double Cut)

Part#	Size	Cut Diameter	Length of Cut	Shank Dia.	Included Angle	Price
NM 19429	SM-3	1/4"	1"	1/4"	10°	\$15.04
NM 19439	SM-4	3/8"	5/8"	1/4"	28°	\$19.87
NM 19449	SM-5	1/2"	7/8"	1/4"	31°	\$25.58



SA - Cylinder Shape - No End Cut - ALUMINUM

Part#	Size	Cut Diameter	Length of Cut	Shank Diameter	Price
NM 17199	SA-1NF	1/4"	5/8"	1/4"	\$16.42



SC - Cylinder Shape - Radius End - ALUMINUM

NM 17779	SC-1NF	1/4"	5/8"	1/4"	\$16.56
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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.

Combination Drill & Tap Sets

Type 40-AG

- 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#	Description of Sizes	Price
NM 73991	FINE Includes 7 Sizes: 8-36, 10-32, 1/4-28, 5/16-24, 3/8-24, 7/16-20, 1/2-20	\$124.00
NM 73990	COARSE Includes 7 Sizes: 8-32, 10-24, 1/4-20, 5/16-18, 3/8-16, 7/16-14, 1/2-13	\$121.00

Combination Drill & Taps

Type 40-AG



Part#	Size	Max Material Thickness	Thread Length	Price
NM 73850	10 - 24	0.606	0.996	\$11.98
NM 73860	10 - 32	0.608	0.996	\$11.98
NM 73890	1/4 - 20	0.746	0.626	\$12.41
NM 73900	1/4 - 28	0.750	0.626	\$13.04
NM 73910	5/16 - 18	0.889	0.683	\$16.23
NM 73920	5/16 - 24	0.893	0.693	\$17.04

Part#	Size	Max Material Thickness	Thread Length	Price
NM 73930	3/8 - 16	1.031	0.746	\$19.63
NM 73940	3/8 - 24	1.036	0.746	\$20.41
NM 73950	7/16 - 14	1.172	0.882	\$24.26
NM 73960	7/16-20	1.178	0.880	\$24.99
NM 73970	1/2 - 13	1.378	0.940	\$27.40
NM 73980	1/2 - 20	1.384	0.940	\$27.78

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



Part#	Description of Sizes	Price
NM 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	\$124.00



SP-18TDM 18-Pc, Magnum Super Premium - Spiral Point, Metric



Part#	Description of Sizes	Price
	170-AG Drill Sizes (MM): 2.05, 2.50, 2.90, 3.30, 4.20, 5.00, 6.70, 8.50 & 10.20	
NM 57990	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	\$140.00





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.

Tap & Reamer Wrenches Type 725

- Hardened steel jaws. Adjusts easily by turning handles.

Part#	For Tap Sizes	Price
NM 50350	1/4" - 3/4"	\$24.29
NM 50360	1/2" - 1-1/8"	\$65.00



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
NM 50320	3/16" - 1/2"	\$12.73



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
NM 50190	0 - 1/4" (3mm - 6mm)	\$10.74



SAE

Titanium Nitride HSS Straight Flute Plug Taps Type 24-AG - Super Premium



Part#	Size	Price	Part#	Size	Price	Part#	Size	Price	Part#	Size	Price
NM 60701	4-40	\$8.11	NM 60841	1/4-28	\$7.82	NM 60901	7/16-20	\$16.13	NM 60981	5/8-18	\$26.42
NM 60771	8-32	\$7.20	NM 60851	5/16-18	\$8.35	NM 60911	1/2-13	\$16.65	NM 60991	3/4-10	\$33.74
NM 60791	10-24	\$7.78	NM 60861	5/16-24	\$8.35	NM 60921	1/2-20	\$16.65	NM 61401	3/4-16	\$33.74
NM 60801	10-32	\$7.78	NM 60871	3/8-16	\$9.86	NM 60951	9/16-12	\$23.48			
NM 60811	12-24	\$7.82	NM 60881	3/8-24	\$9.86	NM 60961	9/16-18	\$23.48			
NM 60831	1/4-20	\$7.82	NM 60891	7/16-14	\$16.13	NM 60971	5/8-11	\$26.42			

SAE

Titanium Nitride Spiral Flute Semi-Bottoming Taps - 30 Degree Spiral



Type 36-AGN

Part#	Size	Description	Price	Part#	Size	Description	Price	Part#	Size	Description	Price
NM 49823	4-40	TIN H2 2F	\$16.18	NM 49953	1/4-28	TIN H3 3F	\$15.54	NM 50023	1/2-13	TIN H3 3F	\$34.78
NM 49863	6-32	TIN H3 2F	\$14.38	NM 49963	5/16-18	TIN H3 3F	\$18.69	NM 50033	1/2-20	TIN H3 3F	\$34.78
NM 49883	8-32	TIN H3 3F	\$14.64	NM 49973	5/16-24	TIN H3 3F	\$18.69	NM 50043	9/16-12	TIN H3 4F	\$58.00
NM 49903	10-24	TIN H3 3F	\$15.11	NM 49983	3/8-16	TIN H3 3F	\$19.94	NM 50053	9/16-18	TIN H3 4F	\$58.00
NM 49913	10-32	TIN H3 3F	\$15.11	NM 49993	3/8-24	TIN H3 3F	\$20.87	NM 50063	5/8-11	TIN H3 4F	\$61.00
NM 49923	12-24	TIN H3 3F	\$17.36	NM 50003	7/16-14	TIN H3 3F	\$30.43	NM 50073	5/8-18	TIN H3 4F	\$61.00
NM 49943	1/4-20	TIN H3 3F	\$15.54	NM 50013	7/16-20	TIN H3 3F	\$30.43	NM 50083	3/4-10	TIN H3 4F	\$87.00
								NM 50093	3/4-16	TIN H3 4F	\$87.00

Die Wrenches Type 729

Part#	Across Flats	Price
NM 50390	1-1/2" Round, 1-7/16" Hex	\$24.72
NM 50400	1-7/8" Hex	\$38.64
NM 50387	1" Round or Hex	\$15.89

3-jaw self centering adjustable guides to assure straight threads and easy starting



High-Speed Steel Hex Dies

- Hi-Molybdenum tool steel, polished gold finish w/ black surface treated threads for long life & rich appearance.
- These dies are used for threading rods, bolts, studs and other pieces requiring external threads.
- The outside hex configuration allows both wrench and die stock use in threading



SAE

Type 27AG - Magnum Super Premium Dies

Part#	Size	Across Flats	Price
NM 61000	4 - 40	1"	\$9.34
NM 61010	6 - 32	1"	\$9.34
NM 61020	8 - 32	1"	\$9.34
NM 61030	10 - 24	1"	\$9.34
NM 61040	10 - 32	1"	\$9.34
NM 61050	12 - 24	1"	\$9.34
NM 61060	1/4 - 20	1"	\$9.34
NM 61070	1/4 - 28	1"	\$9.34

Part#	Size	Across Flats	Price
NM 61080	5/16 - 18	1"	\$9.34
NM 61090	5/16 - 24	1"	\$9.34
NM 61100	3/8 - 16	1"	\$9.34
NM 61110	3/8 - 24	1"	\$9.34
NM 61120	7/16 - 14	1"	\$9.34
NM 61130	7/16 - 20	1"	\$9.34
NM 61140	1/2 - 13	1"	\$9.80
NM 61150	1/2 - 20	1-7/16"	\$9.80

Part#	Size	Across Flats	Price
NM 61160	9/16 - 12	1"	\$20.36
NM 61170	9/16 - 18	1"	\$20.36
NM 61180	5/8 - 11	1"	\$20.36
NM 61190	5/8 - 18	1"	\$20.36
NM 61200	3/4 - 10	1"	\$20.36
NM 61210	3/4 - 16	1"	\$20.36

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
NM 86300	7/8 X 9	1-5/8"	\$16.55
NM 86310	7/8 X 14	1-5/8"	\$16.55

Part#	Size	Across Flats	Price
NM 86320	1 X 8	1-13/16"	\$18.51
NM 86340	1 X 14	1-13/16"	\$18.51

Pipe Dies

SAE

Part#	Size	Across Flats	Price
NM 86350	1/8 X 27	1"	\$3.62
NM 86360	1/4 X 18	1"	\$3.62
NM 86380	3/8-18	1-7/16"	\$7.17

Part#	Size	Across Flats	Price
NM 86390	1/2-14	1-5/8"	\$7.79
NM 86420	3/4-14	2"	\$11.72
NM 86430	1-INCH	2-3/8"	\$16.76



Type 790 - Metric

Part#	Size	Across Flats	Price
NM 84020	4 X 70	1"	\$3.12
NM 84040	5 X 80	1"	\$3.12
NM 84060	6 X 1.00	1"	\$3.12
NM 84080	8 X 1.25	1"	\$3.36
NM 84110	10 X 1.00	1"	\$3.36
NM 84120	10 X 1.25	1"	\$3.36

Part#	Size	Across Flats	Price
NM 84130	10 X 1.50	1"	\$3.36
NM 84280	12 X 1.25	1"	\$3.36
NM 84150	12 X 1.50	1"	\$3.36
NM 84160	12 X 1.75	1"	\$3.36

Part#	Size	Across Flats	Price
NM 84290	14 X 1.50	1-7/16"	\$8.03
NM 84180	14 X 2.00	1-7/16"	\$8.03
NM 84190	16 X 1.50	1-7/16"	\$8.03
NM 84200	16 X 2.00	1-7/16"	\$8.03
NM 84210	18 X 1.50	1-7/16"	\$8.03
NM 84220	18 X 2.50	1-7/16"	\$8.03

**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.

Tap & Die Sets

58 Pc Magnum Super Premium Set - Straight Flute Plug Taps & Hex Dies

Part#	Description of Sizes	Price
NM 61680	Set Contains: Type 24-AG and 27-AG	
	• HSS straight flute taps & HSS hex dies sizes: 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 • Straight handle tap wrenches: #4-1/2" & 1/4" - 3/4" • Die stocks: MED R/H & 1" R/H • T-handle tap wrench: 0 - 1/4" • Screw pitch gauge • Screw driver & Spiral flute extractors sizes: Ex thru Ex 5 • SF-58TDI	\$710.00



SAE

24 Pc Magnum Super Premium Set - Metric Spiral Point Taps & Hex Dies

Part#	Description of Sizes	Price
NM 35170	Set Contains: Type 21-AG and 27-AG	
	• HSS spiral point taps & HSS hex dies sizes: 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 • HSS Pipe Tap and Hex Die Size: 1/8-27 NPT • T-Handle Tap Wrenches: 0-1/4" & 3/16"-1/2" • Straight Handle Tap Wrench: #4 - 1/2" • Die Stock & Screw Metric Pitch Gauge • SP-23TDI	\$271.00



MM

Super Premium Taps



Part#	Diameter	Price	Part#	Diameter	Price	Part#	Diameter	Price	Part#	Diameter	Price
NM 60510	3-.50	\$9.12	NM 60560	6-1.00	\$9.64	NM 60600	10-1.50	\$16.55	NM 68702	16-1.50	\$35.26
NM 60520	3.5-.60	\$9.12	NM 68652	7-1.00	\$10.66	NM 68682	12-1.25	\$20.69	NM 60640	16-2.00	\$35.26
NM 60530	4-.70	\$9.12	NM 68662	8-1.00	\$11.24	NM 60620	12-1.75	\$20.69	NM 60650	18-2.50	\$51.00
NM 68642	4.5-.75	\$9.12	NM 60580	8-1.25	\$11.24	NM 68692	14-1.50	\$30.01	NM 68712	20-2.50	\$37.34
NM 60550	5-.80	\$9.12	NM 68672	10-1.25	\$16.55	NM 60630	14-2.00	\$30.01			

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
NM 56910	1/8" x 27	11/32"	5/16"	\$4.93	NM 56940	1/2" x 14	23/32"	1/2"	\$14.83
NM 56920	1/4" x 18	7/16"	7/16"	\$6.42	NM 56950	3/4" x 14	59/64"	5/8"	\$15.82
NM 56930	3/8" x 18	37/64"	1/2"	\$7.26	NM 56960	1" x 11.5	1-5/32"	13/16"	\$27.89

Drill America specializes in supplying a full line of industrial and contractor cutting tools to distributors across the United States and the world, providing on-time deliveries and technical expertise, helping our customers do their jobs more efficiently, and saving them time and money.



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Drill Bits



HSS Extra-Long Drill Bits with 1/2" Shank

For general purpose drilling in applications where extra length for reach is required, designed to perform in a broad range of materials in the iron and steel families. 118° standard point. Drill bits have a straight shank.

Part#	Size	Shank	Price
DA DWDDL12X9/16X1/2	9/16 x 12"	1/2"	\$38.48
DA DWDDL12X5/8X1/2	5/8 x 12"	1/2"	\$43.19
DA DWDDL12X11/16X1/2	11/16 x 12"	1/2"	\$50.00
DA DWDDL12X3/4X1/2	3/4 x 12"	1/2"	\$56.00
DA DWDDL12X13/16X1/2	13/16 x 12"	1/2"	\$60.00
DA DWDDL12X7/8X1/2	7/8 x 12"	1/2"	\$61.00
DA DWDDL12X15/16X1/2	15/16 x 12"	1/2"	\$64.00
DA DWDDL12X1INCHX1/2	1 x 12"	1/2"	\$67.00

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Service • Integrity Reliability

At Hougen®, we want you to make more holes, more often, in more places all in less time... profitably. To that end, Hougen engineers are constantly striving to bring you the right tools.

Hougen portable magnetic drills and annular cutters are just one of a family of Hole making products that can be found on the production floor or the job-site.

Ask your distributor about how Hougen's fine products can improve your Hole making productivity.

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No matter the tool, we stand behind our product 100%. If ever you are not satisfied with one of our products, let us know and we'll work to make you happy. That's why we offer the industries best...



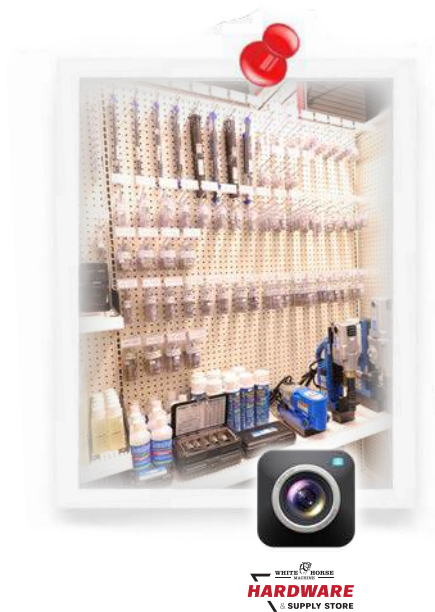
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Portable Magnetic Drills

HMD904 Mag Drill - Coolant - 115V

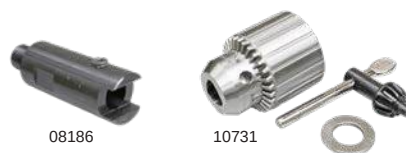
The mag drill of choice for fabrication.
Lightweight, compact, powerful, & versatile.

- Large 1-1/2" x 2" capacity
- Hidden motor cord
- Increased safety with less maintenance
- Pilot light
- Two stage magnet - 30% power increase when motor is turned on
- Positive slug ejection
- Slot Drive arbor for more accuracy and quicker change out of accessories
- Many accessories are available for a portable machine shop including: drill chucks, tapping, countersink, and more...
- Feed handles quickly change from side to side
- Lift detector safety system
- Rear mounted controls
- Gravity feed coolant system (HMD904 w/ coolant bottle)
- Carrying case included (09202)
- Two year warranty

Swivel Base adds even greater versatility:

- Precisely line up your pilot with the holes center location
- One stroke lock and unlock handle
- Great for horizontal, overhead, tight areas and getting out over another piece of steel

Part#	Price
HN 0904102	\$1,204.00



Accessories

Required to use regular drill bits in HMD904 Mag Drill

Part#	Price
HN 08186 1/2" Chuck Adapter	\$51.00
HN 10731 1/2" Hougen Drill Chuck	\$81.00



Magnetic Drills





Call for Freight Price

Portable Magnetic Drills

HMD920 Mag Drill - 3" Depth - 3 Speed - 115V

Our most powerful 3 speed mag drill for heavy duty fabrication.

- Large 2-3/8" x 3" capacity
- Our most powerful high torque motor
- 3 speed gear box - 250 / 450 / 700 RPM
- Pilot light
- Two stage magnet - 30% increase in power when motor is turned on
- Positive slug ejection
- Gravity fed coolant bottle
- Many accessories are available for a portable machine shop including: drill chucks, tapping, countersink, and more...
- Feed handles quickly change from side to side
- Lift detector safety system
- Rear mounted controls
- Two year warranty



Part#	Price
HN 0920102	\$1,974.00

HMD130 - Ultra Low Profile Magnetic Drill - 115V

Ultra Low Profile lightweight right angle drill with large capacity.

- Lightweight at only 23.8 lbs (10.8kg)
- Patented quill feed arbor for smooth cuts and minimal maintenance
- Uses RotaLoc Plus™ annular cutters which requires no tools for install or removal
- Pilot light
- Positive slug ejection
- High torque gearing
- Lift detector safety system
- Feed handle switches easily from side to side
- Ratchet can be used in place of feed handle
- Rear mounted controls
- Carrying handle
- Carrying Case included
- Two year warranty



Call for Freight Price

Part#	Price
HN 0130101	\$1,324.00

HMD2X2 - Low Profile 2 Spd Magnetic Drill - 115V

For general metal fabrication and drilling holes in confined spaces

- Only 7-5/8" high easily fits into tight spots
- Lightweight at only 29.2 lbs (13.2kg)
- Spline arbor for smooth cuts and minimal maintenance
- Uses "12,000-Series" or Copperhead Carbide Cutters
- Pilot light
- Positive slug ejection
- High torque two speed gearbox
- Lift detector safety system
- Ratchet drive for confined spaces
- Carrying handle
- Carrying Case (20213) & ratchet included
- Two year warranty



Call for Freight Price

Part#	Price
HN 0202101	\$2,359.00

RotaFoam™ Cutting Fluid

RotaFoam Cutting Fluid is an extremely heavy-duty, high performance foamy lubricant for all types of metals and metal working applications. "Super Sticky" properties make the foam adhere to the metal and stay on longer. The blue colored foam allows you to "See Where You Spray" and also assures thorough coverage. Use with annular cutters, taps, drills, reamers, end mills, & more



Part#	Description	Price
HN 11747-12	17 oz. Can	\$19.58

RotaMagic™ Super Concentrated Cutting Fluid - Pint

Slick-Stik™ Lubricant is softer than other stick lubricants for easy application, providing superior adhesion to the tool, assuring thorough coverage. Use with ferrous and non-ferrous materials. Can be used with all Hougen cutters. A water soluble, biodegradable cutting lubricant that yields a 10:1 ratio when mixed with water. RotaMagic extends tool life and improves cutter performance



Part#	Description	Price
HN 11741-12	1-Pint Bottle	\$5.42



Annular Cutters

RotaLoc™ Series - 1" Cut Depth

Part#	Description	Cut Depth	Price
HN 17814	7/16"	1"	\$30.98
HN 17816	1/2"	1"	\$31.93
HN 17818	9/16"	1"	\$33.80
HN 17820	5/8"	1"	\$34.41
HN 17822	11/16"	1"	\$36.57
HN 17824	3/4"	1"	\$38.03
HN 17826	13/16"	1"	\$40.38
HN 17828	7/8"	1"	\$43.28
HN 17830	15/16"	1"	\$46.14
HN 17832	1"	1"	\$49.44
HN 17834	1-1/16"	1"	\$51.00

Arbor to use Hougen Annular Cutters in a Drill Chuck

You can also use "12,000-Series" Cutters with stationary tools and drill presses. Triple flatted shank fits 1/2" drill chucks. Uses 1" (25mm) depth of cut "12,000-Series" Cutters for materials up to 1/2" (12.7mm) thick max. Not to use with Copperhead Cutters)

Part#	Price
HN 11016	\$54.00

Starting Pilots

These pilots are required when using the above Arbors

HN 11022	(0.177 ID) for cutters from 7/16" to 9/16"	\$12.05
HN 11032	(0.218 ID) for cutters from 5/8" to 2-1/16"	\$13.19

For use with Hougen® Portable Magnetic Drills and many competitive models on materials up to 6" thick. They are made from hardened M2 high speed steel and are precision ground for excellent performance throughout the cut and long tool life. They require less horsepower and thrust to cut, and last much longer than traditional holemaking methods. "12,000-Series" cutters have a 3/4" dia. double-flatted shank and for extended tool life and lower cost per hole. "12,000-Series" Cutters are resharpenable. Modified end tooth geometry is also available for drilling in stacked plate applications



All 12,000 series cutters come with a pilot bit.

12,000 Series 1" Cut Depth

Part#	Size	Cut Depth	Price
HN 12114	7/16"	1"	\$29.52
HN 12116	1/2"	1"	\$30.47
HN 12118	9/16"	1"	\$34.74
HN 12120	5/8"	1"	\$36.38
HN 12122	11/16"	1"	\$37.84
HN 12124	3/4"	1"	\$39.85
HN 12126	13/16"	1"	\$42.63
HN 12128	7/8"	1"	\$45.68
HN 12130	15/16"	1"	\$48.74
HN 12132	1"	1"	\$52.00
HN 12134	1-1/16"	1"	\$54.00
HN 12136	1-1/8"	1"	\$62.00
HN 12138	1-3/16"	1"	\$64.00
HN 12140	1-1/4"	1"	\$67.00
HN 12144	1-3/8"	1"	\$83.00
HN 12148	1-1/2"	1"	\$91.00
HN 12152	1-5/8"	1"	\$105.00
HN 12156	1-3/4"	1"	\$119.00
HN 12160	1-7/8"	1"	\$128.00
HN 12164	2"	1"	\$141.00

HN 10527	1" Pilot Pin - (5/8" - 2-3/8" & 16 - 52mm)	\$8.91
HN 10531	1" Pilot Pin - (7/16" - 9/16" & 12 - 15mm)	\$9.21

12,000 Series - 2" Cut Depth

Part#	Size	Cut Depth	Price
HN 12214	7/16"	2"	\$37.42
HN 12216	1/2"	2"	\$40.51
HN 12218	9/16"	2"	\$45.50
HN 12220	5/8"	2"	\$49.25
HN 12222	11/16"	2"	\$54.00
HN 12224	3/4"	2"	\$60.00
HN 12226	13/16"	2"	\$63.00
HN 12228	7/8"	2"	\$67.00
HN 12230	15/16"	2"	\$72.00
HN 12232	1"	2"	\$78.00
HN 12234	1-1/16"	2"	\$81.00
HN 12236	1-1/8"	2"	\$85.00
HN 12238	1-3/16"	2"	\$89.00
HN 12240	1-1/4"	2"	\$93.00
HN 12244	1-3/8"	2"	\$102.00
HN 12248	1-1/2"	2"	\$118.00
HN 12252	1-5/8"	2"	\$132.00
HN 12256	1-3/4"	2"	\$140.00
HN 12260	1-7/8"	2"	\$156.00
HN 12264	2" x 2"	2"	\$188.00

HN 10528	2" Pilot Pin - (5/8" - 2-3/8" & 16 - 52mm)	\$9.57
HN 10532	2" Pilot Pin - (7/16" - 9/16" & 12 - 15mm)	\$9.45

LED Pocket Lights



MicroStream® LED Pocket Light IPX4 Water Resistant

Part#	Light Output	Run Time	Price
66318 (Black)	45 Lumens	2.25 Hrs	\$26.24
66323 (Red)	45 Lumens	2.25 Hrs	\$26.24



Stylus® Pro LED Pen Light IPX4 Water Resistant

Part#	Light Output	Battery Life	Price
66118 (Black)	100 Lumens	8 Hrs	\$28.59
66120 (Red)	100 Lumens	8 Hrs	\$28.59
66121 (Silver)	100 Lumens	8 Hrs	\$28.59
66122 (Blue)	100 Lumens	8 Hrs	\$28.59



MicroStream® LED USB Rechargeable Pocket Light IPX4 Water Resistant

Part#	Light Output	Battery Life	Price
66601 (Black)	250 Lumens	High:	\$41.61
66602 (Red)	250 Lumens	1.5 Hrs	\$41.61
66603 (Blue)	250 Lumens	Low:	\$41.61
66608 (Coyote)	250 Lumens	3.5 Hrs	\$41.61



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	\$69.00



MacroStream® USB Everyday Carry Flashlight IPX4 Water Resistant

Part#	Light Output	Run Time	Price
66320	500 Lumens	High: 2 Hrs, Low 8 Hrs	\$71.00



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 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 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 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



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

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	750 Lumens	High = 5 Hrs Low = 100 Hrs	\$38.00

We Stock Your Favorite Brands!

A



B



C



D



E



F



G



H



I



J



K



We Stock Your Favorite Brands!



N

R



W



L



O



P

S



M



T



Q





DECIMAL EQUIVALENTS ON DRILL BITS

Fractional • Wire • Metric • Letter Sizes

DRILL SIZE	DECIMAL	DRILL SIZE	DECIMAL	DRILL SIZE	DECIMAL	DRILL SIZE	DECIMAL	DRILL SIZE	DECIMAL	DRILL SIZE	DECIMAL
0.10	.0039	57	.0430	34	.1110	5	.2055	8.40	.3307	14.00	.5512
97	.0059	1.10	.0433	33	.1130	5.30	.2087	Q	.3320	9/16	.5625
96	.0063	1.15	.0453	2.90	.1142	4	.2090	8.50	.3346	14.50	.5709
95	.0067	56	.0465	32	.1160	5.40	.2126	8.60	.3386	37/64	.5781
94	.0071	3/64	.0469	3.00	.1181	3	.2130	R	.3390	15.00	.5906
93	.0075	1.20	.0472	31	.1200	5.50	.2165	8.70	.3425	19/32	.5938
92	.0079	1.25	.0492	3.10	.1220	7/32	.2188	11/32	.3438	39/64	.6094
0.20	.0079	1.30	.0512	1/8	.1250	5.60	.2205	8.80	.3465	15.50	.6102
91	.0083	55	.0520	3.20	.1260	2	.2210	S	.3480	5/8	.6250
90	.0087	1.35	.0531	3.25	.1260	5.70	.2244	8.90	.3504	16.00	.6299
89	.0091	54	.0550	30	.1285	1	.2280	9.00	.3543	41/64	.6406
88	.0095	1.40	.0551	3.30	.1299	5.80	.2283	T	.3580	16.50	.6496
87	.0100	1.45	.0571	3.40	.1339	5.90	.2323	9.10	.3583	21/32	.6562
86	.0105	1.50	.0591	29	.1360	A	.2340	23/64	.3594	17.00	.6693
85	.0110	53	.0595	3.50	.1378	15/64	.2344	9.20	.3622	43/64	.6719
84	.0115	1.55	.0610	28	.1405	6.00	.2362	9.30	.3661	11/16	.6875
0.30	.0118	1/16	.0625	9/64	.1406	B	.2380	U	.3680	17.50	.6890
83	.0120	1.60	.0630	3.60	.1417	6.10	.2402	9.40	.3701	45/64	.7031
82	.0125	52	.0635	27	.1440	C	.2420	9.50	.3740	18.00	.7087
81	.0130	1.65	.0650	3.70	.1457	6.20	.2441	3/8	.3750	23/32	.7188
80	.0135	1.70	.0669	26	.1470	D	.2460	V	.3770	18.50	.7283
0.35	.0138	51	.0670	25	.1495	6.30	.2480	9.60	.3780	47/64	.7344
79	.0145	1.75	.0689	3.80	.1496	1/4	.2500	9.70	.3819	19.00	.7480
1/64	.0156	50	.0700	24	.1520	E	.2500	9.80	.3858	3/4	.7500
0.40	.0157	1.80	.0709	3.90	.1535	6.40	.2520	W	.3860	49/64	.7656
78	.0160	1.85	.0728	23	.1540	6.50	.2559	9.90	.3898	19.50	.7677
0.45	.0177	49	.0730	5/32	.1562	F	.2570	25/64	.3906	25/32	.7812
77	.0180	1.90	.0748	22	.1570	6.60	.2598	10.00	.3937	20.00	.7874
0.50	.0197	48	.0760	4.00	.1575	G	.2610	X	.3970	51/64	.7969
76	.0200	1.95	.0768	21	.1590	6.70	.2638	10.20	.4016	20.50	.8071
75	.0210	5/64	.0781	20	.1610	17/64	.2656	Y	.4040	13/16	.8125
0.55	.0217	47	.0785	4.10	.1614	H	.2660	10.30	.4058	21.00	.8268
74	.0225	2.00	.0787	4.20	.1654	6.80	.2677	13/32	.4062	53/64	.8281
0.60	.0236	2.05	.0807	19	.1660	6.90	.2717	Z	.4130	27/32	.8438
73	.0240	46	.0810	4.30	.1693	I	.2720	10.50	.4134	21.50	.8465
72	.0250	45	.0820	18	.1695	7.00	.2756	27/64	.4219	55/64	.8594
0.65	.0256	2.10	.0827	11/64	.1719	J	.2770	10.80	.4252	22.00	.8661
71	.0260	2.15	.0846	17	.1730	7.10	.2795	11.00	.4331	7/8	.8750
0.70	.0276	44	.0860	4.40	.1732	K	.2810	7/16	.4375	22.50	.8858
70	.0280	2.20	.0866	16	.1770	9/32	.2812	11.20	.4409	57.64	.8906
69	.0292	2.25	.0886	4.50	.1772	7.20	.2835	11.50	.4528	23.00	.9055
0.75	.0295	43	.0890	15	.1800	7.30	.2874	29/64	.4531	29/32	.9062
68	.0310	2.30	.0906	4.60	.1811	L	.2900	11.80	.4646	59/64	.9219
1/32	.0312	2.35	.0925	14	.1820	7.40	.2913	15.32	.4688	23.50	.9252
0.80	.0315	42	.0935	13	.1850	M	.2950	12.00	.4724	15/16	.9375
67	.0320	3/32	.0938	4.70	.1850	7.50	.2953	12.20	.4803	24.00	.9449
66	.0330	2.40	.0945	3/16	.1875	19/64	.2969	31/64	.4844	61.64	.9531
0.85	.0335	41	.0960	12	.1890	7.60	.2992	12.50	.4921	24.50	.9646
65	.0350	2.45	.0965	4.80	.1890	N	.3020	1/2	.5000	31/32	.9688
0.90	.0354	40	.0980	11	.1910	7.70	.3031	13.00	.5118	25.00	.9843
64	.0360	2.50	.0984	4.90	.1929	7.80	.3074	33/64	.5156	63.64	.9844
63	.0370	39	.0995	10	.1935	7.90	.3110	17/32	.5312	1"	1.0000
0.95	.0374	38	.1015	9	.1960	5/16	.3125	13.50	.5315		
62	.0380	2.60	.1024	5.00	.1969	8.00	.3150	35/64	.5469		
61	.0390	37	.1040	8	.1990	O	.3160				
1.00	.0394	2.70	.1063	5.10	.2008	8.10	.3189				
60	.0400	36	.1065	7	.2010	8.20	.3228				
59	.0410	7/64	.1094	13/64	.2031	P	.3230				
1.05	.0413	35	.1100	6	.2040	8.30	.3268				
58	.0420	2.80	.1102	5.20	.2047	21/64	.3281				



Suggested Tightening Torques for HEX HEAD CAP SCREWS



SIZE	SAE GRADE 2			SAE GRADE 5			SAE GRADE 8		
	CLAMP LOAD (LBS)	ASSEMBLY TORQUE		CLAMP LOAD (LBS)	ASSEMBLY TORQUE		CLAMP LOAD (LBS)	ASSEMBLY TORQUE	
		DRY R = .200	LUB. R = .150		DRY R = .200	LUB. R = .150		DRY R = .200	LUB. R = .150
4-40	250	5 In./Lbs.	4 In./Lbs.	380	8 In./Lbs.	8 In./Lbs.	54,012	In./Lbs.	9 In./Lbs.
4-48	275	6"	5"	420	9"	7"	60,013		10"
6-32	375	10"	8"	580	16"	12"	820	23"	17"
6-40	420	12"	9"	640	18"	13"	920	25"	19"
8-32	580	19"	14"	900	30"	22"	1,260	41"	31"
8-36	610	20"	15"	940	31"	23"	1,320	43"	32"
10-24	725	27"	21"	1,120	43"	32"	1,580	60"	45"
10-32	825	31"	23"	1,285	49"	36"	1,800	68"	51"
1/4-20	1,320	66"	50"	2,000	8 Ft./Lbs.	75"	2,850	12 Ft./Lbs.	9 Ft./Lbs.
1/4-28	1,500	76"	58"	2,300	10	86"	3,250	14	10
5/16-18	2,160	11 Ft./Lbs.	8 Ft./Lbs.	3,350	17	13 Ft./Lbs.	4,700	25	18
5/16-24	2,400	12	9	3,700	19	14	5,200	25	20
3/8-16	3,200	20	15	4,950	30	23	7,000	45	35
3/8-24	3,620	23	17	5,600	35	25	7,900	50	35
7/16-14	4,390	32	24	6,800	50	35	9,550	70	55
7/16-20	4,900	36	27	7,600	55	40	10,650	80	60
1/2-13	5,850	50	35	9,000	75	55	12,750	110	80
1/2-20	6,600	55	40	10,250	90	65	14,375	120	90
9/16-12	7,500	70	55	11,600	110	80	16,375	150	110
9/16-18	8,400	80	60	13,000	120	90	18,250	170	130
5/8-11	9,350	100	75	14,400	150	110	20,350	220	170
5/8-18	10,550	110	85	16,375	180	130	23,000	240	180
3/4-10	13,800	175	130	21,300	260	200	30,100	380	280
3/4-16	15,400	200	150	23,800	300	220	33,500	420	320
7/8-9	11,450	170	125	29,450	430	320	41,600	600	460
7/8-14	12,600	180	140	32,450	470	360	45,900	660	500
1-8	15,000	250	190	38,600	640	480	54,500	900	680
1-12	16,400	270	210	42,300	710	530	59,700	1,000	740
1-14	16,800	280	210	43,400	730	540	61,200	1,020	760
1 1/8-7	18,900	350	270	42,300	800	600	68,900	1,280	960
1 1/8-12	21,200	400	300	47,500	880	660	77,000	1,440	1,080
1 1/4-7	24,000	500	380	53,800	1,120	840	87,200	1,820	1,360
1 1/4-12	26,600	550	420	59,600	1,240	920	96,600	2,000	1,500
1 3/8-6	28,600	670	490	64,100	1,460	1,100	10,4000	2,380	1,780
1 3/8-12	32,500	750	560	73,000	1,680	1,260	118,4000	2,720	2,040
1 1/2-6	34,800	870	650	78,000	1,940	1,460	126,500	3,160	2,360
1 1/2-12	39,100	980	730	87,700	2,200	1,640	142,200	3,560	2,660

Users of this chart assume full responsibility of application.

Suggested Tightening Torques for METRIC BOLTS, SCREWS & NUTS

NOMINAL DIAMETER - COURSE THREAD								
PROPERTY CLASS	5.6		8.8		10.9		12.9	
TORQUE	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			
TORQUE	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				METRIC - Tools for Hex Head Bolts and Socket Heads		
BOLT SIZE	WRENCH SIZE	HEX KEY SIZE	HEAVY HEX WRENCH SIZE	BOLT SIZE	WRENCH SIZE	HEX KEY SIZE
1/4	7/16	3/16	1/2	M4	7mm	3mm
5/16	1/2	1/4	9/16	M5	8mm	4mm
3/8	9/16	5/16	11/16	M6	10mm	5mm
7/16	5/8	3/8	3/4	M8	13mm	6mm
1/2	3/4	3/8	7/8	M10	17mm	8mm
9/16	13/16	7/16	15/16	M12	19mm	10mm
5/8	15/16	1/2	1-1/16	M14	22mm	12mm
3/4	1-1/8	5/8	1-1/4	M16	24mm	14mm
7/8	1-5/16	3/4	1-7/16	M18	27mm	14mm
1	1-1/2	3/4	1-5/8	M20	30mm	17mm
1-1/8	1-11/16	7/8	1-13/16	M22	32mm	17mm
1-1/4	1-7/8	7/8	2	M24	36mm	19mm
1-3/8	2-1/16	1	2-3/16	M30	46mm	22mm
1-1/2	2-1/4	1	2-3/8	M36	55mm	-
1-5/8	2-7/16	-	2-9/16	M42	65mm	-
1 3/4	2-5/8	1-1/4	2-3/4	M48	75mm	-
1-7/8	2-13/16	-	2-15/16	M56	85mm	-
2	3	1-1/2	3-1/8	M64	95mm	-
2-1/4	3-3/8	-	3-1/2	M72	105mm	-
2-1/2	3-3/4	-	3-7/8	M80	115mm	-
2-3/4	4-1/8	-	4-1/4	M90	130mm	-
3	4-1/2	-	4-5/8	M100	145mm	-
Bolt Size *1.5 = Socket Size						
Heavy Hex Bolt over 3/8", Bolt Size *1.5 + 1/8 = Socket Size.						

Users of this chart assume full responsibility of application.

NATIONAL PIPE DRILL SIZES

PIPE SIZE	DECIMAL EQUIVALENT	NEAREST FRACTION	DRILL SIZE
1/8" - 27 NPT	0.3390	NONE	R
1/4" - 18 NPT	0.4375	7/16	7/16
3/8" - 18 NPT	0.5906	37/64	15 MM
1/2" - 14 NPT	0.7031	45/65	45/65
3/4" - 14 NPT	0.9219	59/64	59/64
1" - 11-1/2" NPT	1.1562	1-5/32	1-5/32
1-1/4" - 11-1/2" NPT	1.5000	1-1/2	1-1/2
1-1/2" - 11-1/2" NPT	1.7344	1-47/64	1-47/64
2" - 11-1/2" NPT	2.2188	2-7/32	2-7/32

Users of this chart assume full responsibility of application.

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	-

Users of this chart assume full responsibility of application.

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

Users of these charts assume full responsibility of application.

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

Users of this chart assume full responsibility of application.

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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✓

✓

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-

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✓

✓

✓

Plain

-

-

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-

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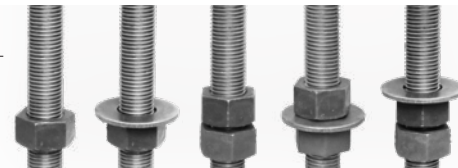


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Zinc

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