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Western Division

1219 W. Mahalo Place, Rancho Dominguez, CA 90220-5446
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Supplying the Aerospace, Defense & Metal Working Industries Since 1951!

Minimum Order

\$100.00 List Price

Terms

Net 30 days on approved credit only.
Approved credit cards.
Prepaid via check or wire transfer.

No C.O.D. shipments.

Returns

Return authorization is required.
Merchandise must be sent freight prepaid to the facility from which it was purchased.
A 20% restocking charge is applicable.

All claims must be made within 7 days of receipt of goods.

Freight

F.O.B. shipping point.

Special Orders

All special orders may require prepayment.

Currency

All prices are in US dollars.

Overseas Customer Terms

Same as above, only **prepayment via bank wire transfer (all fees for buyers account) or by bank check.**

US Air Tool Company (also known as USATCO) has been a family owned and operated business since 1951. We are now a US manufacturer and worldwide distributor of high quality tools for the aviation industry with offices in New York & California. In addition, from the beginning of the homebuilder era in the 1970's, USATCO has been providing tools and equipment to craftsmen around the world who build and fly their own aircraft. These "sheet-metal artists" are now flying thousands of planes built and maintained with USATCO tools.

USATCO offers the highest quality products at competitive prices, with the knowledge and experience necessary for expert advice in product selection. Our courteous staff will be pleased to assist you. And of course, all the products we offer are fully guaranteed. If you don't see what you are looking for, please don't hesitate to contact us. We work hard to provide our customers with straightforward & reliable business. Try us & see!

USATCO.com

Don't forget to check out USATCO Online, with monthly sales, homebuilder specials, surplus items & an easy to use interface its a great place to shop for tools on the web. **www.USATCO.com**

Government IMPAC Cards Accepted

USATCO Tool Repair

We repair all major brand pneumatic tools on our premises. We are an official repair station for Cherry Textron[®], Chicago Pneumatic[®], and Cooper[®] Power Tools (including Dotco[®], Gardener Denver[®], Buckeye[®] and Doler[®]). In addition, we have our own manufacturing and modification facilities. We are riveting and product assembly specialists!

We will be happy to examine your tools free of charge and give you an estimate of repair cost. Ship prepaid to any of our facilities. Please send tensiometers to our New York Lab only.

Please ask about our tool rental policy!

Limited Warranty

If for any reason you are not completely satisfied with any item purchased from us you may request a return authorization within seven (7) days of receipt of goods. When obtained, send us the item (transportation prepaid) for replacement, repair or refund. Tools manufactured by USATCO are warrantied for one (1) year from date of purchase. We cannot assume liability for abuse, misuse or alteration of goods. Any tampering with tools or attempted repairs of same will nullify this warranty. Warranties from other manufacturers available upon request.

Tap & Hexagon Die Kit

High-Carbon Steel Taps & Hexagon Dies



Includes:

Offset Adjustable Handle Tap Wrench (0 to 1/2"), Plain Die Stock, Tap & Dies (1/4"-20, 1/4"-28, 5/16"-18, 5/16"-24, 3/8"-16, 3/8"-24, 7/16"-14, 7/16"-20, 1/2"-13 & 1/2"-20), 1/8"-27 Pipe & Plastic Storage Case

Part Number	Description
24614	Complete 24 PC Kit

Tap & Adjustable Round Die Kit

High-Carbon Steel Taps & Adjustable Round Dies



Includes:

T-Handle Tap Wrench (0 to 1/4"), Adj. Handle Tap Wrench (0 to 1/2"), Adj. Die Stock, 18 Leaf Thread Pitch Gauge, Screwdriver, Tap & Dies (4-40, 6-32, 8-32, 10-24, 10-32 & 12-24), Fractional Tap & Dies (1/4"-20, 1/4"-28, 5/16"-18, 5/16"-24, 3/8"-16, 3/8"-24, 7/16"-14, 7/16"-20, 1/2"-13 & 1/2"-20), 1/8"-27 Pipe & Plastic Storage Case

Part Number	Description
25914	Complete 39 PC Kit

Tap & Drill Kit

- High carbon steel taps & high speed steel drill bits.
- Produces a strong thread that is easy to tap.
- 135° split point drill bits for fast, precise drilling.



Includes:

T-Handle Tap Wrench, Tap & Drills (4-40, 6-32, 8-32, 10-24, 10-32 & 1/4"-20) & Plastic Storage Case

Part Number	Description
80187	Complete 13 PC Kit

Machine, Fractional & Metric Tap & Hex Die Sets

Comprehensive & Portable



26377

76 PC Set Includes:

Machine Screw Plug Tap & 5/8" Hexagon Dies (4-40 NC, 6-32 NC, 8-32 NC, 10-24 NC, 10-32 NF, 12-24 NC), Fractional Plug Tap & 1" Hexagon Dies (1/4"-20 NC, 1/4"-28 NF, 5/16"-18 NC, 5/16"-24 NF, 3/8"-16 NC, 3/8"-24 NF, 7/16"-14 NC, 7/16"-20 NF, 1/2"-13 NC, 1/2"-20 NF), Metric Plug Tap & 5/8" Hexagon Dies (3mm-0.50, 4mm-0.70, 4mm-0.75, 5mm-0.80, 5mm-0.90, 6mm-1.00), Metric Plug Tap & 1" Hexagon Dies (7mm-1.00, 8mm-1.00, 8mm-1.25, 9mm-1.00, 9mm-1.25, 10mm-1.25, 10mm-1.50, 11mm-1.50, 12mm-1.50, 12mm-1.75), Pipe Thread Plug Tap & 1" Hexagon Dies (1/8"-27 NPT, 1/8"-28 BSP), Threading Tools: Adjustable Die Stock (1" Dies), Plain Die Stock (5/8" Hexagon Dies), Adj. Handle Tap Wrench (#0 to 1/2"), Two-in-One Tap Wrench (1/4" to 1/2"), T-Handle Wrench (#0 to 1/4"), Thread Pitch Gauges (16 Leaf Metric & 18 Leaf Standard), Fitted Carrying Case

Part Number	Description
26376	Complete 76 PC Kit

117 PC Includes:

All tools in the above kit, Drill Bits (Wire Gauge #3, 7, 9, 16, 19, 20, 21, 25, 29, 30, 36, 39, 43, Letter B, F, H, I, J, O, Q, R, S, U, Z, Fractional 5/64", 7/64", 5/32", 1/4", 19/64", 5/16", 21/64", 3/8", 25/64", 13/32", 27/64", 29/64"), Spiral Flute Screw Extractors (EX-1, EX-2, EX-3, EX-4, EX-5)

Part Number	Description
26377	Complete 117 PC Kit

SHOP TOOLS

IRWIN® Tap Wrench



Made In The USA

- Spring tension sliding handle is only 3-3/4" in overall length - perfect for hard to reach areas.
- Hardened for longer life and smoother operation.
- Stepped recess for #0 to #10.

Part Number	Tap Capacity
12001	#0 to 1/4" (6.35 mm)

Sioux® Pneumatic Tappers



Rapid Reverse

STP10P3C20

Note: Air Inlet 1/4" NPT - 3/8" (10 mm) air hose recommended.

1.0 hp (0.75 kW), 400 in.-lb Torque (45 Nm)				
Part Number	Chuck Cap.	Free RPM	O.A.L.	Weight
STP10P3C20	#10-5/16"	300	7.3" (185 mm)	2.9 lbs (1.3 kgs)
STP10P3C32	1/4"-1/2"			

Carbide Broken Tap Remover Kit



- Tough sub-micron carbide easily cuts through hardened HSS taps of any style (straight flute, spiral flute etc.).
- Will also drill through broken bolts, drills, pins etc.
- Quickly removes broken taps with simple four step process.
- For use on conventional or CNC milling machines.

Part Number	Description
97-320-6	Complete 8 PC Kit

Drill-Out Broken Bolt Extractors



Style A

Style B

Quick & Easy

- Removes broken bolts & studs without damaging threads.
- High quality H.S.S., heat treated & precision ground.
- Suitable for removal of inch as well as metric broken studs.

Style A

- Special left-handed drill bits with unique extractor collet, conveniently use with any reversible power drill.

Style B

- Reversible combination tool with drill-out bit on one end & extractor on the opposite end.

Style A		Style B	
Part Number	Removes	Part Number	Removes
97-526-8	1/4" & 6 mm	97-576-3	#5, #6 & 3 mm
97-527-6	5/16" & 8 mm	97-577-1	#8 & 4 mm
97-528-4	3/8" & 10 mm	97-578-9	#10 & 5 mm
97-529-2	1/2" & 12 mm	97-579-7	1/4" & 6 mm



97-580-5

Extractor Kit

- Includes seven extractors (#5 to 1/2" range) & fitted case.

Part Number	Description
97-580-5	Complete 8 PC Kit

El Brutus® "Johnson Bar" Screw Extractor

Note: Bits & ratchet not included.



96380

Accessory
Compartment
In Handle

Used On Tip Caps
For Copters

Folds Up For Easy Storage

- Heat-treated, plated & built for a lifetime.
- Works on Phillips, Tri-Wing & Hi-Torque screws.
- Chosen to standardize aircraft & missile maintenance DOD wide.

Part No.	For Screws	Weight	Overall Length
96380	#8 to 1/4"	3.2 lbs (1.4 kgs)	17" (43.2 cm)
96560	1/4" to 3/8"	4.5 lbs (2.0 kgs)	18-3/4" (47.4 cm)

Note: 96380 NSN number: 5120-01-398-2869, 96560 NSN number: 5120-01-398-2868.

Irwin® Screw Extractors



Straight Flute

ST-6

- Designed for softer & thin walled materials.
- Eases extraction because it does not expand material.
- Removes both left & right hand threaded parts.

Part No.	Drill Size	Removes Bolts & Screws
ST-1	9/64"	3/16" - 5/16", 5 - 8 mm, #10
ST-2	3/16"	3/8", 10 mm
ST-3	15/64"	7/16", 1/8" NPT, 1/8" BSP, 10 mm
ST-4	5/16"	1/2" - 9/16", 1/4" NPT, 1/4" BSP, 12 - 14 mm
ST-5	3/8"	5/8", 3/8" NPT, 3/8" BSP, 16 mm
ST-6	15/32"	3/4", 1/2" NPT, 1/2" BSP, 20 mm



Spiral Flute

EX-6

- Designed to remove broken studs, bolts, screws & fittings.
- Aggressive left hand spiral design for extra gripping power.

Part No.	Drill Size	Removes Bolts & Screws
EX-1	5/64"	3/32" - 5/32", 2.5 - 4 mm, #3 - #6
EX-2	7/64"	5/32" - 7/32", 4 - 6 mm, #6 - #12
EX-3	5/32"	7/32" - 9/32", 6 - 8 mm, #12
EX-4	1/4"	9/32" - 3/8", 1/8" NPT, 1/8" BSP, 8 - 10 mm
EX-5	19/64"	3/8" - 5/8", 3/8" NPT, 3/8" BSP, 10 - 16 mm
EX-6	13/32"	5/8" - 7/8", 3/8" NPT, 3/8" BSP, 16 - 22 mm

Irwin® Screw Extractor Sets



70258



70254

Straight Flute Set

- Extractors will not expand material removed (easier removal).

Spiral Flute Set

- Extractors have an aggressive left hand spiral for extra power.

Straight Flute	Spiral Flute	Extractors Included
70258	70252	#2, 3, 4 & 5
70260	70254	#1, 2, 3, 4 & 5
70262	70256	#1, 2, 3, 4, 5 & 6

Irwin® Spiral Flute Extractor & Drill Bit Set



- Aggressive left hand spiral for extra power.
- Each extractor is paired with the correct size cobalt drill bit.

Part No.	Extractors Included	Cobalt Drill Bits Included
70245	#1, 2, 3, 4 & 5	5/64", 7/64", 5/32", 1/4" & 19/64"

Sureshot Sprayer

*Air Powered
Aerosol Alternative*

- Refillable, rechargeable & completely portable.
- Perfect for lubricants, cleaners, solvents, penetrating oils etc.*

Made In The USA



* Not for use with flammable liquids. Not recommended for paint.

Part Number	Capacity
70043	32 oz.

Paint Cutters & Arbors

90425



70420



- Cuts a ring into paint around the screw head.
- Reduces excess paint chip during screw removal process.
- Straight shank arbors are 1/4"-28 female thd., 3/8" body dia.

Cutters, 1/4"-28 Thd. Shank	
Part Number	Screw Size
70420	#4
70422	#6
70424	#8
70426	#10
70428	1/4"

Arbors, 1/4" Straight Shank		
Part Number	Body Length	Shank Length
90425	2"	7/8"
90426	4"	7/8"
90427	6"	7/8"

Acid Swab Brushes

Economical & Versatile

Stiff Horsehair Fill



Part Number	Brush Width	Overall Length
11131	3/8"	6-1/32" (153 mm)
13132	1/2"	6-1/16" (154 mm)

SHOP TOOLS

Heavy-Duty Wet/Dry Vacuums

*High Vacuum
Lift With No
Moving Parts*



*Dependable,
Trouble Free
Operation*

*Use Standard
30 Or 55
Gallon Drums**

- Extremely powerful - designed to handle tough jobs quickly.
- Additional accessories & options available, please inquire.

Vacuum Heads Include:

Vacuum Generating Head, Cartridge Filter, 20' Vinyl Vacuum Hose, 12" Wet/Dry Metal Floor Tool with 4" Wand & 24" Long Crevice Tool

Vacuum Heads				
Part Number	Drum Size	Hose Fitting	Vacuum Flow	Shipping Weight
15-551B	55 Gallon	2"	89 SCFM	60 lbs (27 kgs)
15-551D	55 Gallon	1-1/2"	60 SCFM	52 lbs (24 kgs)
15-301B	30 Gallon	2"	89 SCFM	55 lbs (25 kgs)
15-301D	30 Gallon	1-1/2"	60 SCFM	49 lbs (22 kgs)

Dual Venturi Vacuum Head				
Part Number	Drum Size	Hose Fitting	Vacuum Flow	Shipping Weight
15-552B	55 Gallon	2"	163 SCFM	55 lbs (25 kgs)

Complete Vacuum Kits Include:

Vacuum Generating Head, Cartridge Filter, Drum, Drum Dolly, 20' Vinyl Vacuum Hose, 12" Wet/Dry Metal Floor Tool with 4" Wand, 24" Long Crevice Tool & 20' Air Supply Hose (3/4")

Complete Vacuum Kits				
Part Number	Drum Size	Hose Fitting	Vacuum Flow	Shipping Weight
15-551BC	55 Gallon	2"	89 SCFM	121 lbs (55 kgs)
15-301DC	30 Gallon	1-1/2"	60 SCFM	97 lbs (44 kgs)

Dual Venturi Complete Vacuum Kit				
Part Number	Drum Size	Hose Fitting	Vacuum Flow	Shipping Weight
15-552BC	55 Gallon	2"	163 SCFM	138 lbs (63 kgs)

Note: 3/4" Air Inlet, 100 PSI Air Pressure. * Minimum 19 gauge drum required.

Compact Heavy-Duty Vacuum Kits

*Dependable,
Trouble Free
Operation*



15-O41MC

Compact Vacuum Kits Include:

Vacuum Generating Head with Exhaust Silencer & Carrying Handle, Cartridge Filter, Canister Style Drum with External Filter, 10' x 1-1/4" Vacuum Hose, Surface Utility Tool with Extension Wand, Crevice Tool & 12' Air Supply Hose (3/8" I.D.)

Compact Vacuum Kits				
Part Number	Drum Size	Hose Fitting	Vacuum Flow	Shipping Weight
15-O41MC	4 Gallon	1-1/4"	56 SCFM	26 lbs (12 kgs)
15-O81MC	8 Gallon	1-1/4"	61 SCFM	34 lbs (15 kgs)

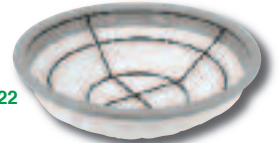
Vacuum Accessories



15-822

15-635

15-635-B



For 4 & 8 Gallon Vacuums	
Part Number	Description
15-805	4 Gallon Standard Filter Assembly (incl. filter frame & cloth internal filter with gasket)
15-822	8 Gallon Standard Filter Assembly (incl. filter frame & cloth internal filter with gasket)

For 30 & 55 Gallon Vacuums	
Part Number	Description
15-635	Standard Cartridge Filter
15-635PK	Standard Cartridge Filter (package of six)
15-635-B	Internal Filter Bag (for maximum filter life & performance)

USATCO Supersonic Air Vac



- No moving parts to burn out.
- Safe, non-electric power source. *Lightweight & Economical*
- Lightweight (only 1 lb) & heavy-duty one piece construction.

Part Number	Accessories Included
53-A1080	Round Brush, Slim Crevice Tool & 5" Wide Nozzle
53-A1082	18" Flex Hose Extension
53-A1092	Round Brush, Crevice Tool & 18" Rigid Ext. Wand



Air Vac Accessories	
Part Number	Description
15-AVA-11	Round Brush
15-AVA-12	Crevice Tool
15-AVA-13	5" Wide Nozzle
15-AVA-14	18" Rigid Extension Wand
15-AVA-15	18" Flex Hose Extension
38-AVP8	Replacement Bag
38-AVP2-B	Fully On Air Flow Plug*

* Useful where on-off control is done with a remote.

USATCO Supersonic Junior Air Vac



- Locking trigger.
- Lightweight (8.5 oz) venturi design with 1" I.D.
- 18" flex hose included.
- 1/4" air inlet.

Part Number	Description
15-1580	Junior Air Vac with 18" Flex Hose
38-1580-1	Replacement Bag

Mini Air Vac

One Piece Aluminum Construction



- Locking trigger.
- Lightweight (8.5 oz), venturi type design with 1" I.D.
- Hose included. 1/4" air inlet.

Part Number	Description
15-1780	Mini Air Vac with 18" Flex Hose
15-1980	Mini Air Vac with 12" Rigid Hose
15-2180	Mini Air Vac with Hepa Filter Bag & 12" Rigid Hose
38-1580-1	Replacement Bag

Cyclo® Orbital Aircraft Polishers

Exceptional Stability & Smoothness

Lightweight & Durable



Will Not Mar, Burn Or Leave Swirl Marks

- Counterbalanced heads efficient in both open & tight areas.
- Dual 4" orbital action heads & heavy-duty cast alum. housing.
- Polishing motion simulates a gentle hand-rubbed quality.

3200 RPM - 7.25 lbs (3.3 kgs)	
Part Number	Motor
5	115V - 60 Hz
5CE	230V - 50 Hz (CE approved)
11A	0.45 hp Pneumatic

USATCO Decimal Conversion Charts

Quick & Convenient

90389

Handy reference charts showing the decimal conversion of fractional, wire gauge, metric & letter sizes (0.1 mm to 1"). Poster also includes useful tap and drill conversion charts.

Part No.	Type	Size
90389	Pocket Card	3-1/8" x 5"
90396	Poster	22" x 32"



SHOP TOOLS

Boelube® Lubricant



70200-00

- High-strength polar lubricating film reduces friction & heat generation.
- Greatly improves tool life, surface finish & hole quality.
- Superior lubricity when machining aluminum, titanium and inconel.
- Non-corrosive, non-flammable and chemically stable, with no hazardous substances.



70307-12



70200-13



70200-40



70305-12

Part Number	Size	Color	Type
70200-00	14.5 oz Cartridge	White	Solid
70200-13	1.6 oz Push Tube	White	
70200-40	3.5 oz Push Tube	White	
70307-02	2 oz Jar	Blue (medium)	Paste
70307-L	4 oz Jar	Blue (medium)	
70307-12	12 oz Jar	Blue (medium)	
70305-12	12 oz Jar	Pink (hard)	



70104-04



70104-05

Part Number	Size	Color	Type
70104-04	1 Gallon Container	Red	Liquid
70104-05	5 Gallon Pail	Red	
70104-07	15 Gallon Drum	Red	
70104-09	55 Gallon Drum	Red	
70090-L	4 oz Bottle	Clear	

Very Handy



Fits Easily In Pocket Or Toolbox

Lubricator Bottle

Insert any drill, tap or reamer (non-rotating) into the 1/4" opening at the top of the bottle for quick & easy lubrication.

Part Number	Size	Color	Type
70104-HHL	4 oz Bottle	Red	Liquid

E-Z Grip Friction Drops

Easy To Use, No Waiting

- Instant traction to lock on to stripped or worn fastener heads for easy removal.
- Eliminates cutting, chiseling or drilling.
- Extends your tool life & keeps fastener heads from stripping.
- Non-toxic, contains no silicones.
- Conforms or exceeds applicable ASTM testing requirements.



Part Number	Size
70390	3 Ounce Squeeze Bottle

Variable Speed Vertical Bandsaws

- Designed for cutting of both ferrous & non-ferrous metals.
- Heavy-duty, completely enclosed steel frame.
- Large, multi-tilting work table.
- Variable speed two speed gearbox offers high efficiency cutting.



VBS-1408

All Models Include:

- Work Lamp, Chip Blower, Workpiece Guide, Blade & Tire Cleaning Brush, Tool Set, Bi-Metal Blade, Blade Welder, Grinder & Cutter

Specifications	VBS-1408 & VBS-1610	VBS-2012
Motor Power	1.5HP, 115/230V, 1Ph, Pre-wired 115V	2HP, 230/460V, 3Ph, Pre-wired 230V
Blade Speed	82 to 330 SFPM	65 to 3280 SFPM
Height Cap.	8"	12"
Blade Size	1/8" to 1/2" x 114"	1/8" to 1" x 156-1/2"
Work Table Size	20" x 20"	24" x 22-1/2"
Welder	1.5 KVA	4-13/64 KVA
Overall Height	71.5" (181.6 cm)	84" (213.4 cm)
Weight	643 lbs (292 kgs)	1244 lbs (564 kgs)

Part Number	Description
VBS-1408	14" Vertical Bandsaw
VBS-1610	16" Vertical Bandsaw
VBS-2012	20" Vertical Bandsaw

20" Variable Speed Drill Press

UL Listed Motor

- Variable spindle speed easily changed with front mounted dial.
- Large, T-slotted work table with quick release clamp.
- Internal depth stop with easy to read depth gauge.
- Conveniently located operating controls.



Specifications

Motor Power	1.5HP, 115/230V, 1Ph, Pre-wired 230V
Spindle Speed	300 to 2000 RPM
Drilling Capacity (iron)	1-1/2"
Drilling Capacity (mild steel)	1-1/4"
Work Table Size	22" x 19-1/2"
Work Table Weight Capacity	110 lbs
Overall Height	68" (172.7 cm)
Weight	715 lbs (324 kgs)

Part Number	Description
J-2221VS	20" Variable Speed Drill Press

Heavy-Duty Arbor Presses

For All Production & Assembly Operations

- Precision cut steel rams & pinions for accurate operation.
- Tables and slotted table plates are flat & parallel to provide accurate support.



Part No.	Pressure	Capacity	Height	Weight
AP-0	0.5 ton	4" High 6-5/8" Dia.	10" (25.4 cm)	19 lbs (8.6 kgs)
AP-1	1.0 ton	5" High 8" Dia.	12" (30.5 cm)	26.5 lbs (12 kgs)
AP-2	2.0 ton	7-3/8" High 11-3/8" Dia.	16-1/4" (41.3 cm)	61 lbs (27.7 kgs)

Portable Vise With Vacuum Base & Tilt Head

Highly Maneuverable

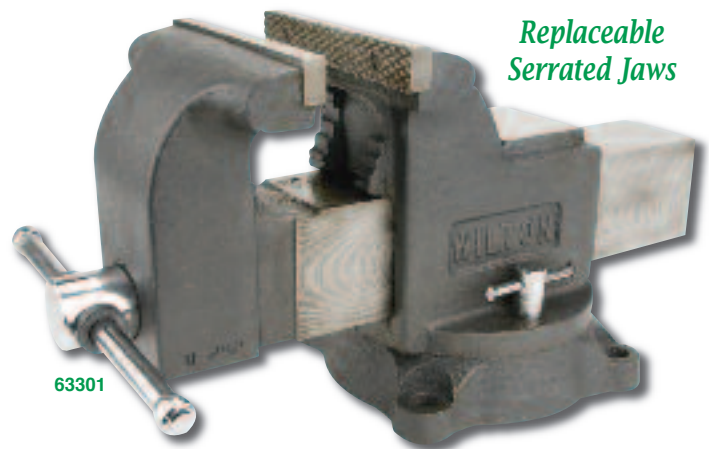


- Lightweight & portable - mounts on any clean, flat surface.
- Cast aluminum body with 360° swivel base & 180° tilt head.
- Steel V-grooved jaws with removable rubber jaw faces.

Part Number	Jaw Width	Jaw Capacity	Weight
63500	2-3/4"	2-1/2"	3.5 lbs (1.6 kgs)

Shop Vises

Replaceable Serrated Jaws



- 360° base with double lockdown for quick & easy positioning.
- Built-in pipe jaws handle a variety of pipe sizes.
- Large anvil work surface & rubber pinch point safety guards.

Part Number	Jaw Width	Jaw Cap.	Pipe Jaw Capacity	Height	Weight
63300	4"	4"	5/8" to 2"	6.5" (165 mm)	23.25 lbs (10.6 kgs)
63301	5"	5"	5/8" to 2-3/8"	8.4" (213 mm)	30.05 lbs (13.6 kgs)
63302	6"	6"	5/8" to 2-1/2"	9.7" (246 mm)	45.65 lbs (20.7 kgs)
63304	8"	8"	3/4" to 3"	11.4" (290 mm)	70.40 lbs (31.9 kgs)

SHOP TOOLS

Light Duty Spark Guard Face Shield



*Lightweight,
Comfortable
& Adjustable*

*Cushioned
Sweatband*

- Spark guard is positively stopped in working position.
- Room allowance for safety or prescription glasses.

Part Number	Description
90479	Spark Guard Face Shield

Bruder Safeguard® Knee & Elbow Pads



40150

Knee Pads

- Hinged hard cover & velcro straps.

Elbow Pads

- Grain leather covered viscoelastic pad & stretch fabric over elbow.

Part Number	Type	Size
40150	Knee Pads (pair)	One Size Fits All
40311S	Elbow Pads (pair)	Small
40311M	Elbow Pads (pair)	Medium
40311L	Elbow Pads (pair)	Large

Protective Rubber Gloves



*Rolled
Edge*

For use with acids, alkalis, salts & ketones.

Part Number	Overall Length
96856	14" (356 mm)

Impacto® Hand Protection



471-30

401-30

475-30

*Perfect For
Riveting*

- 1/8" viscoelastic pads insulate wearer from impact & vibration.
- Available in sizes XS, S, M, L & XL (please specify when ordering*).

* It is best to order 1 size smaller than your normal size.

Part Number	Padding	Construction
401-30	Full Palm	Kidskin
471-30	Full Palm To Wrist	Kidskin
475-30	Full Palm, Web & Wrist	Kidskin

Hearing Protection

90441



90440



Ear Plugs

- One size fits all soft silicone rubber effectively seals the ear.
- Can be boiled or sterilized for proper cleaning.

Part Number	Includes
90441	Ear Plugs & Carrying Case

Ear Covers

- Rugged & comfortable, with swivel earcup construction.
- Universal fit, contoured earcups for use with safety hats, etc.

Part Number	Weight
90440	8 oz (227 g)

Safety Goggles

- Polycarbonate lenses exceed USAS & federal specifications for impact resistance. Sub-freezing to 275°F temp range.
- Comfortable soft vinyl body fits over prescription glasses.
- Meets all optical standards for prism, power & definition.



Part Number	Description
90460	Safety Goggles

Deluxe Visitor Spectacles

High Impact Resistance



Distortion Free Lenses

- Comfortable & lightweight (will fit over prescription glasses).
- Exclusive wraparound side shields & anti-glare brow guard.

Part Number	Description
90455	Visitor Spectacles

Waterloo® Heavy-Duty 3-Drawer Toolbox

Comfort Grip Handle



Heavy-Duty, High Impact Polypropylene Construction

- Non-marring plastic shell with all steel full-extension drawers.
- Lockable lid (lock not included) with metal latches & piano hinge.

Part Number	L x W x H	Weight
62-54405	23" x 10.5" x 13.5"	16 lbs (7.3 kgs)

Waterloo® Multi-Purpose Toolboxes



Comfort Grip Handle

62-54404

Will Not Dent Or Rust, No Marring Of Work Surface

Heavy-Duty, High Impact Polypropylene Construction



62-54406



- Lightweight & portable, a popular alternative to metal toolboxes.
- Removable plastic tote tray included with both models.
- Lockable lid (lock not included) with metal latches & piano hinge.

Part Number	L x W x H	Weight
62-54404	17" x 9.5" x 9"	4 lbs (1.8 kgs)
62-54406	20" x 9.5" x 9"	5 lbs (2.3 kgs)

Mechanics Canvas Tool Bags



Hard Fiber Bottom

62-279

- Large brass zippered main compartment.
- Inside dividers & two outside snap accessory compartments.
- Heavy-duty rugged cotton web carry handles.

Part Number	Color
62-279	Black
62-280	Green

SHOP TOOLS

Waterloo® Shop Tool Chests



62-54407
(top)



62-70433
(bottom)

Steel Construction

- Internal keyed locking system protects valuable tool collections.
- Full extension ball bearing drawer slides hold 25 lbs per drawer.
- Made in the USA with global components - 1 year limited warranty.

5-Drawer Tool Chest (top)

- Hinged cover stay holds lid open during use.

Part Number	L x W x H	Weight
62-54407	26" x 12" x 17-1/2"	46 lbs (20.9 kgs)

5-Drawer Rolling Tool Chest (bottom)

- Sturdy 4" x 2" casters support up to 500 pounds.
- Top mat protects surface.

Part Number	L x W x H	Weight
62-70433	26-1/2" x 18" x 32"	73 lbs (33.1 kgs)

Fastener Storage Cases

High Impact Polystyrene Plastic Case

96370



Keep Rivets And Other Small Parts Organized

- See-through & spring loaded compartment covers.
- Curved tray bottoms for quick and easy part removal.

Part No.	Sections	L x W x H	Part No.	Sections	L x W x H
96365	2	12-3/8" x 7-1/4" x 2"	96368	5	12-3/8" x 7-1/4" x 2"
96366	3		96369	6	
96367	4	6-3/8" x 7-1/4" x 2"	96370	8	

Air Scribe Kit

Lightweight & Easy To Operate



CP9361-1

Writes Like A Ballpoint Pen

Write On Material Up To 64R Hardness

- Simple piston supplied power for trouble free use.
- Change of stylus converts tool to scaler or hammer.
- Graduated sleeve throttle permits accurate power selection.

Complete Kit Includes:

Air Scribe, Anvil, Flat Chisel, Chisel Blank, Round Nose Chisel, 2 Carbide Tipped Stylus, 8' Air Hose (3/16" ID), Air Filter Assembly & Carrying Case

Part Number	Description
CP9361-1	Complete 10 PC Kit
CP9361	Air Scribe, Stylus, Hose & Filter Ass'y Only

Replacement Parts Kit Includes:

Anvil, Flat Chisel, Chisel Blank, Rounded Nose Chisel, Carbide Tipped Stylus & Two 'O' Rings

Part Number	Description
P058425	Complete 7 PC Kit
P054177	Carbide Tipped Stylus Only

Fixed Two Point Machinist Scriber

Durable Hardened & Ground Points



- Knurled body with hardened & ground steel needle points.
- One straight point & one 90° point.

Part Number	Overall Length
80	6-7/16" (214 mm)

Hand & Stamp Sets

- Suitable for use on steel, cast iron & other metals.
- Hardened & tempered tips.

Made In The USA

Number Sets (1 to 9)	Letter Sets (A to Z & Dot)	Character Size
HSN-1/16	HSL-1/16	1/16"
HSN-3/32	HSL-3/32	3/32"
HSN-1/8	HSL-1/8	1/8"
HSN-3/16	HSL-3/16	3/16"
HSN-1/4	HSL-1/4	1/4"
HSN-3/8	HSL-3/8	3/8"
HSN-1/2	HSL-1/2	1/2"



HSN-3/32

Cordless Electric Kevlar Scissor Kit



Carbide Blades

- Cuts aramid fibers, kevlar and other tough materials.
- Lightweight & maneuverable with superior ergonomic design.
- Short rapid strokes for intricate work & long lasting battery.

Includes:

Tool, Standard Blade Assembly (for straight, quick cuts), Blade Assembly with Shoe (for patterns & fabric), Rechargeable DC Battery, Battery Charger, AC Adaptor & 110V Transformer with Power Cord

Note: Not recommended for material over 1/8" thick due to short stroke.

Part Number	Description
70224	Complete 7 PC Kit



94126



94128

Replacement Blade Assemblies	
Part Number	Description
94126	Standard Blade Ass'y (for straight, quick cuts)
94128	Blade Ass'y with Shoe (for patterns & fabric)

Leatherman Multi-Purpose Tools

Limited Warranty & 25 Year Guarantee



70289

100% Stainless Steel



71136

Leather Case Included



71138

Made In The USA

NEW Super Tool 300 Includes:

Needlenose Pliers; Regular Pliers; Wire Cutters; Hard Wire Cutters; Stranded Wire Cutters; Electrical Crimper; Wire Stripper; Knife; Serrated Knife; Saw; Awl w/Thread Loop, 9" Ruler (22 cm); Can Opener; Bottle Opener; Wood/Metal File; Phillips Screwdriver; Flat Screwdrivers (small, medium & large)

Part Number	Closed Length	Weight
70289	4-1/2" (11.5 cm)	9.6 oz (272 g)

Wave Includes:

Needlenose Pliers; Regular Pliers; Wire Cutters; Hard Wire Cutters; Wire Stripper; Knife; Serrated Knife; Saw; Spring Action Scissors, 8" Ruler (19 cm); Can Opener; Bottle Opener; Wood/Metal File; Diamond Coated File; Bit Drivers (small & large), Flat Screwdriver (medium)

Part Number	Closed Length	Weight
71136	4" (10 cm)	8.5 oz (241 g)

Crunch Includes:

Regular Pliers; Locking Pliers; Wire Cutters; Hard Wire Cutters; Wire Stripper; Serrated Knife; 8" Ruler (19 cm); Pin Vise; Bottle Opener; Wood/Metal File; 1/4" Hex Bit Driver, Phillips Screwdriver; Flat Screwdrivers (small, medium & large)

Part Number	Closed Length	Weight
71138	4" (10 cm)	6.9oz (196 g)