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*Supplying the Aerospace, Defense & Metal Working Industries Since 1951!*

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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!

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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**

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**USATCO Tool Repair**

We repair all major brand pneumatic tools on our premises. We are an official repair station for Cherry Textron<sup>®</sup>, Chicago Pneumatic<sup>®</sup>, and Cooper<sup>®</sup> Power Tools (including Dotco<sup>®</sup>, Gardener Denver<sup>®</sup>, Buckeye<sup>®</sup> and Doler<sup>®</sup>). 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.*

# HAND TOOLS

## Aviation Snips



04-DAR-10G



04-DAS-10G

- Easy cutting action on up to 18 gauge metal.
- Forged blades with serrated cutting edges to prevent slipping.
- Handles have smooth vinyl grips with thumb stops.

Part Number	Cut	Blade	Overall Length	Weight
04-DAS-10G	Straight	1-3/4"	10" (254 mm)	0.8 lbs (0.4 kgs)
04-DAR-10G	Right	1-3/8"		
04-DAL-10G	Left	1-3/8"		

Part Number	Description
53-70453	3 PC Set (left, right & straight)

## Klenk® Aviation Snips



MA74520

- Comfortable grips & heat-treated, precision ground blades.
- Serrated blades draw work into cutting edge for clean cuts.
- Built in off-blade wire cutter eliminates nicked snip blades.

Part Number	Cut	Cut Length	Overall Length
MA70500	Left	1-1/2" (38 mm)	10-1/2" (267 mm)
MA70510	Right		
MA70520	Straight		

### Serrationless Aviation Snips

- No teeth marks in metal - great when a smooth edge is needed.
- Also works great with pre-coated metals & zinc metals.

Part Number	Cut	Overall Length
MA74510	Straight & Slight Curves	10-1/2" (267 mm)
MA74520	Straight & Left	
MA74530	Straight & Right	

## Bessey® Titanium Nitride Coated Offset Snips

NEW

TiN Coated For  
Longer Life

Soft Inlay Handle



D27AH-TIN-BE

Powerful Compound Action

- Case-hardened high speed steel edges - HRC up to 68.
- Compound action for better cutting performance.
- For long continuous straight & curved cuts.

1.2 mm Material Capacity			
Part Number	Cut	Cut Length	Overall Length
D27AH-TIN-BE	Right	1-5/16" (33 mm)	10-1/4" (260 mm)
D27AHL-TIN-BE	Left		

## Offset Snips

04-20SL



Note: Cuts straight, sharp angles in one direction & 5" circles in the other direction.

Part Number	Cut	Overall Length
04-20SL	Left	9-1/2" (241 mm)
04-20SR	Right	

Part Number	Description
53-20SLR	2 PC Set (left & right)

## Bessey® Long Nose Offset Snips

NEW

Soft Inlay  
Handle

Powerful Compound Action



Left  
Cut

- High grade steel continuous cut blades - HRC up to 62.
- Angled cutter heads keep hands free from work.
- Compound action for better cutting performance.
- For long continuous straight & large radius cuts.

1.2 mm Material Capacity		
Part Number	Cut Length	Overall Length
D22AL-BE	2-1/2" (64 mm)	11" (279 mm)

**Compound Action Offset Snips**

**NEW**

*Non-Slip Serrated Blades*



P6900-R

- Vertical offset blades keep hands clear of material.
- Spring action for fast & effortless material feed.
- Cuts low carbon steel & other heavy gauge metals.
- High tensile alloy steel handles with comfort grips.

**18 Gauge Low Carbon Steel Capacity**

Part No.	Cut	Cut Length	Overall Length
P6900-L	Left & Straight	1-7/8" (48 mm)	8-1/2" (216 mm)
P6900-R	Right & Straight		

**Malco® Ergonomic Aviation Snips**

*Hardened Alloy Steel Blades*



M2002

M2007

- Ergonomic grip maximizes power stroke of hand.
- Jaw tips ground to point for access in tight quarters.

**Standard**

Part Number	Cut	Cut Length	Overall Length
M2001	Left	1-3/8" (35 mm)	10-3/4" (273 mm)
M2002	Right	1-3/8" (35 mm)	10-3/4" (273 mm)
M2003	Straight*	1-11/16" (43 mm)	10-3/4" (273 mm)

\* M2003 also will cut left & right angles.

**Offset**

Part Number	Cut	Cut Length	Overall Length
M2006	Left	1-1/4" (32 mm)	10-3/4" (273 mm)
M2007	Right	1-1/4" (32 mm)	10-3/4" (273 mm)

**Note:** Cuts straight, sharp angles in one direction & 5" circles in the other direction.

**Klenk® Offset Snips**

**NEW**



MA75200

- Shorter handles & less travel for easier work with a full cut.
- Handles straight cuts, tight curves, angles & circles easily.

Part Number	Cut	Cut Length	Overall Length
MA75200	Left	1-3/8" (35 mm)	10-1/2" (267 mm)
MA75210	Right		

**Malco® Ergonomic Bulldog Snips**



*Great For Cutting Multiple Layers*

Designed for notching & trimming - great for cutting multiple layers.

Part No.	Cut Length	Overall Length	Weight
M2005	1-1/16" (27 mm)	10" (254 mm)	13 oz (367 g)

**Klenk® Bulldog Snips**

**NEW**



- Hardened, serrated blades with a short bite for more power.
- Ideal for T-bar & extruded aluminum frame.

**18 Gauge Stainless Steel Capacity**

Part No.	Cut Length	Overall Length	Weight
MA74500	3/4" (19 mm)	9-1/8" (232 mm)	0.76 lbs (0.34 kgs)

# HAND TOOLS

## Bulldog Pattern Tinner Snips

*Heavy-Duty, High Leverage*



*Hot Forged Molybdenum Steel*

Note: For straight cuts & heavy gauge notching.

Part Number	Cut Length	Overall Length	Weight
04-M15	2-1/4"	16" (406 mm)	3.8 lbs (1.7 kgs)

## Malco® Duckbill Tinner Snips

*Hot Forged Molybdenum Steel*

04-D10



7" model great for cutting shims & gaskets.

Note: For cutting patterns & smooth, tight curves in either direction.

Part Number	Cut Length	Overall Length	Weight
04-D7	1-1/2"	7" (178 mm)	0.5 lbs (0.2 kgs)
04-D10	2-1/2"	10" (254 mm)	0.6 lbs (0.3 kgs)
04-D12	3"	12" (305 mm)	1.6 lbs (0.7 kgs)

## Bessy® SuperPower Snips

NEW

*Oversized Handle Loops*

D-SPC8



*Self-Opening Jaws*

D-SPS8



*Powerful Compound Action*

- Needs 50% less hand force than ordinary pattern snips.
- Compound action for better cutting performance.

Note: For straight & left curving cuts.

### Straight, 1.2 mm Material Capacity

Part Number	Cut Length	Overall Length
D-SPS8	1-3/4" (45 mm)	8-1/2" (216 mm)
D-SPS11	2-1/4" (57 mm)	11-1/2" (292 mm)

### Offset, 1.2 mm Material Capacity

Part Number	Cut Length	Overall Length
D-SPC8	1-3/4" (45 mm)	8-1/2" (216 mm)
D-SPC11	2-1/4" (57 mm)	11-1/2" (292 mm)

## IRWIN® Standard Tinner Snips

04-MD10



Flat inside edge guides straight line cutting.

Note: For straight cuts, wide curves & notching.

Part Number	Cut Length	Overall Length	Weight
04-MD7	2"	7" (178 mm)	0.5 lbs (0.2 kgs)
04-MD10	2-3/4"	10" (254 mm)	0.6 lbs (0.3 kgs)
04-MD12	3-1/4"	12" (305 mm)	1.6 lbs (0.7 kgs)

## Aluminum Snips

M12A



*1/3 The Weight  
Of Steel Types*

MC12A



- Easy replacement blades are supreme cutlery grade moly steel.
- Beveled blade edges ideal for sheet metal, aluminum or vinyl.

### Pattern Snips

Part Number	Cut Length	Overall Length	Weight
M12A	3"	12" (305 mm)	1 lbs (0.5 kgs)
M14A	3-1/2"	14" (356 mm)	1.4 lbs (0.6 kgs)

Note: Cuts straight & mild curve cuts. Will also cut multiple layered material.

### Combination Snips

Part Number	Cut Length	Overall Length	Weight
MC12A	3"	12" (305 mm)	1 lbs (0.5 kgs)
MC14A	3-1/2"	14" (356 mm)	1.4 lbs (0.6 kgs)

Note: Cuts straight & left or right circles down to 6" diameter.

### Replacement Blades

Part Number	For Tool	Part Number	For Tool
M12ARB	M12A	MC12ARB	MC12A
M14ARB	M14A	MC14ARB	MC14A

**Compact Snips**



- Compact size for both fast shearing & tight pattern cuts.
- Narrow, exposed nose operates in clearances down to 1/2".

**Note:** Cuts straight & left or right circles down to 6" diameter.

Part Number	Cut Length	Overall Length
M2010	2" (51 mm)	10" (254 mm)

**Light Metal Cutting Snips**

*Forged,  
High Quality  
Tool Steel*



- Short & powerful precision ground blades.
- Superior hardened edges for cutting light metal.

Part Number	Blade Type	Cut Length	Overall Length
04-54	Straight	3/4" (19 mm)	7" (178 mm)
04-57C	Curved		

**Forschner® Honeycomb Knife**

**NEW**

*Perfect For Cutting & Trimming  
Aluminum Honeycomb*



Part Number	Type	Overall Length
40547	Standard	10-1/4" (260 mm)

**Pinking Shears**



- Lightweight & durable ABS plastic handle.
- Deep cut teeth are specially hardened for long wear.
- High quality stainless steel blades with ravel-resistant edge.

Part Number	Overall Length
04-P91	8" (203 mm)

**Kevlar Fabric Hand Shears & Scissors**



Part Number	Type	Cut Length	Overall Length
04-605	Trim Snip	3/4"	5" (127 mm)
04-468	Knife Edge	2-3/4"	8-1/4" (210 mm)
04-330	Serrated	4-1/2"	10" (254 mm)

**Note:** For cordless electric kevlar scissors see page 237.

**Crimpers & Notcher**



**Crimper**

- Main components are drop forged, spring return handle.

Part Number	Jaw Size	Overall Length	Weight
04-111	1-1/4" D	9" (229 mm)	1 lbs (0.5 kgs)

**Five Blade Crimper**

- For joining sheet metal pipes, round square & corrugated.

Part Number	Jaw Size	Overall Length	Weight
04-C5	1-5/8" D	9-5/8" (245 mm)	1 lbs (0.5 kgs)

**Notcher**

- Makes clean 30° v-shaped cuts in sheet metal.

Part Number	Maximum Throat Depth
04-N1	13/16"

## HAND TOOLS

### Quick-Snip Hand Nibbler



- Heavy-duty, industrial quality.
- No distorting, burring or curling at edges of cut.

Part Number	Capacity Steel	Capacity Aluminum
04-J1251	18 Gauge	15 Gauge

### Monodex Hand Nibbler



- Durable & lightweight plastic.
- No distorting, burring or curling at edges of cut.

Part Number	Cap. Brass & Copper	Capacity Aluminum
04-J1351	17 Gauge	15 Gauge

### Nibbling Hand Tool



*Cuts Clean Like  
A Punch & Die*

Unit cuts round, square and irregular holes to any shape & size over 7/16".

Part Number	Description	Capacity Steel
04-6	Nibbling Hand Tool	18 Gauge
04-6-1	Replacement Punch	—

### No-Mar Fluting Pliers



Our plastic coated jaws are used to stiffen ribs in cowling without marring the surface. Has a 1" reach and produces a 3/8" flute.

Part Number	Overall Length
04-1120	8-1/4" (210 mm)

### Narrow Type Fluting Pliers



Makes narrow and precise flutes for straightening ribs and bulkheads.

Part Number	Overall Length
04-1220	10" (254 mm)

### Malco® Hand Seamers



- Makes permanent, tight fitting seams.
- Scaled depth marks on jaws are in 1/4" increments.

Standard 3-1/4" Jaw			
Part No.	Jaw Depth	Overall Length	Weight
04-S2	1/4" to 1-1/4" D	8" (203 mm)	1.5 lbs (0.7 kgs)

Wide 6" Jaw			
Part No.	Jaw Depth	Overall Length	Weight
04-S6	1/4" to 1-1/4" D	8" (203 mm)	1.9 lbs (0.9 kgs)

Offset 3-1/4" Jaw			
Part No.	Jaw Depth	Overall Length	Weight
04-S3	1/4" to 1-1/4" D	8" (203 mm)	1.5 lbs (0.7 kgs)

### Hand Seamer

*Strong, Lasting Construction*



*Makes Permanent, Tight Fitting Seams*

3-1/2" Jaw			
Part No.	Jaw Depth	Overall Length	Weight
04-44	1" D	8" (203 mm)	1.1 lbs (0.5 kgs)

**IRWIN Vise-Grip® Locking Jaw Pliers**



04-10CRQ

- Classic design is constructed from high-grade heat treated alloy steel for maximum toughness and durability.
- Guarded release trigger and hardened teeth designed to grip workpiece from any angle.
- Hex key adjusting screw tightens to adjust pressure and draw materials together and provides a controlled release.

**NEW Fast Release Cushioned Grip Models (shown above)**

- One-handed, triggerless release is two times easier to open than traditional locking pliers.
- Anti-pinch, non-slip grips provide comfort and control with less hand fatigue. See below for available models.



04-10R

**Straight Jaw Locking Pliers**

Standard Model	Fast Release Model	Jaw Thickness (Jaw Adj.)	Overall Length	Weight
04-7R	04-7RQ	1/2" (0 to 1-1/8")	7" (178 mm)	0.9 lbs (0.4 kgs)
04-10R	04-10RQ	5/8" (0 to 1-5/8")	10" (254 mm)	1.3 lbs (0.6 kgs)



04-10CR

**Curved Jaw Locking Pliers**

Standard Model	Fast Release Model	Jaw Thickness (Jaw Adj.)	Overall Length	Weight
04-7CR	04-7CRQ	5/16" (0 to 1-5/8")	7" (178 mm)	0.8 lbs (0.4 kgs)
04-10CR	04-10CRQ	7/16" (0 to 1-7/8")	10" (254 mm)	1.2 lbs (0.5 kgs)

**Curved Jaw Locking Pliers With Wire Cutter**

- Wire cutter will handle anything up to 1/4" bolt.

Standard Model	Fast Release Model	Jaw Thickness (Jaw Adj.)	Overall Length	Weight
04-4WR	—	7/32" (0 to 15/16")	4" (102 mm)	0.3 lbs (0.14 kgs)
04-5WR	04-5WRQ	1/4" (0 to 1-1/4")	5" (127 mm)	0.4 lbs (0.18 kgs)
04-7WR	04-7WRQ	5/16" (0 to 1-5/8")	7" (178 mm)	0.8 lbs (0.4 kgs)
04-10WR	04-10WRQ	7/16" (0 to 1-7/8")	10" (254 mm)	1.2 lbs (0.5 kgs)

**IRWIN Vise-Grip® Locking Jaw Pliers (cont'd)**



04-6LN

**Long Nose Locking Pliers With Wire Cutter**

- Tapered nose ideal for delicate work, tight spaces & small parts.

Standard Model	Fast Release Model	Jaw Thickness (Jaw Adj.)	Overall Length	Weight
04-4LN	—	1/8" (0 to 1-5/8")	4" (102 mm)	0.3 lbs (0.14 kgs)
04-6LN	04-6LNQ	5/32" (0 to 2-1/4")	6" (152 mm)	0.4 lbs (0.18 kgs)
04-9LN	04-9LNQ	3/16" (0 to 2-7/8")	9" (229 mm)	0.9 lbs (0.4 kgs)

**Bent Nose Locking Pliers With Wire Cutter**

- Nose bent at 35° angle, excellent for hard to reach areas.

Part No.	Jaw Thickness (Adj.)	O.A.L.	Weight
04-6BN	5/32" (0 to 2-1/4")	6" (152 mm)	0.4 lbs (0.18 kgs)
04-9BN	3/16" (0 to 2-7/8")	9" (229 mm)	0.9 lbs (0.4 kgs)



04-12LC

**Locking Large Jaw**

- Ideal for plumbers, mechanics & welders.
- Heavy-duty jaw locks around work of all shapes & will not slip.

Part Number	Maximum Opening
04-12LC	3-1/8" (79 mm)



04-8R

**Locking Sheet Metal Tool**

- Makes bending, forming & crimping jobs easier & faster.

Part No.	Jaw Size	Overall Length	Weight
04-8R	1-3/4" D x 3-1/8" W	8" (203 mm)	1.3 lbs (0.6 kgs)



04-9R

**Welding Clamp**

- Deep-throated U-shaped jaws hold work in proper alignment.

Part No.	Jaw Size	Overall Length	Weight
04-9R	2-3/4" D x 1-5/8" W	9" (229 mm)	1.4 lbs (0.6 kgs)

# HAND TOOLS

## DZUS (Z-Lock) Driver



*Economical*

Part Number	For Use With
70344	#5 & #6 Stud Series

## C-Lock Drill Jig

**NEW**

*Lightweight Aluminum Construction*



- Provides proper hole spacing for fastener receptacles and ensures that the rivet & center holes are accurately drilled.
- Premium tool steel drill bushings & guide pins.

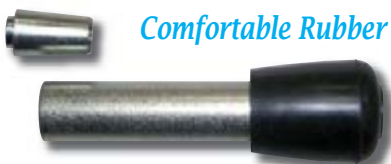
Part Number	For Use With
MS-T16	2600, 2700 & 4000 Series

## C-Lock Snap Ring Installation Tool

**NEW**

*Comfortable Rubber End Cap*

*Nickel Plated*



- Unit installs R4G and R4T snap ring stud retainers on the backside of all 4000 series C-Lock grommets.
- Cone-shaped insert spreads the snap ring while the tube handle pushes it onto the grommet.
- CNC machined from premium tool steel to close tolerances.

Part Number	For Use With
MS-T26	4000 Series

## C-Lock Panel Dimpling Tools

**NEW**

MS-40DT



*Zinc Plated, Premium Tool Steel Construction*

- Dimples thin sheet metal panels to accept C-Lock Fasteners.
- Makes a perfect dimple with proper countersink angle.

Part Number	For Use With
MS-27DT	FJ4 (Z-Lock) & 2700 Series
MS-40DT	4000 Series

## Camloc Pliers



- For Camloc fasteners.
- With black-ox coating.

Part Number	For Use With
04-4P3	2600, 2700 & 4002 Stud Series

## A-N Electrical Connector Pliers

*Three Adjustment Positions*



*Powerful & Non-Marring*

With replaceable nylon inserts for protection of A-N connectors.

Part Number	Description
04-529-10	A-N Electrical Connector Pliers
04-529-1	Replacement No-Mar Pads

## Line Clamp Pliers



- Holds the clamp bolt, compresses & retains the line clamp(s).
- Up to 3 clamps on 1 assembly held in position by retaining pawl.
- More than 3 clamps or clamps with spacers can be handled manually.
- For use on #10 hex or #10 12 point screws (3/8" hex heads).

Part No.	For Use With
04-82	Clamps or studs anchored on flat surfaces.
04-83	Tubes/wires clamped w/point of screw on back of clamp.

## Wa-Wrench® Washer Wrench Set

- Great for inserting washers in hard to reach areas.
- .042" thick stainless steel, two sizes on each wrench.



Part Number	Description
70393	Set of 4 wrenches with pouch.

**"Ford" Wrenches**

**NEW**

C711H



*Exceeds Government Specifications*

- Precision machined from Crescent® special analysis tool steel.
- Adjustable, smooth jaws for no-mar installation & removal of aircraft fittings manufactured by Crescent®. Chrome plated.

Part Number	Jaw Opening	Overall Length
C79H	2-3/4" (70 mm)	9" (229 mm)
C711H	3" (76 mm)	11" (279 mm)
C715	3-5/8" (92 mm)	15" (381 mm)
C718	4-3/8" (111 mm)	18" (457 mm)

**Cylinder Base Nut Wrenches**

**NEW**

*For Continental Engines*



**12 Point Hex Wrench End**

53-2882

- Designed with a 1/2" square drive and built to last.
- Extra thin hex heads for easy access over the cylinder bolts.
- Made from tough, heat-treated alloy steel forging.

Part Number	Hex *	Weight
04-2882	9/16"	0.88 lbs (0.4 kgs)
04-2882-2	1/2"	
04-2882-3	5/8"	
04-2882-4	3/4"	

Part Number	Description
53-2882	Complete 4 PC Set

\* Engine usage: 9/16" (C85, 0-200, 0-300, G0-300, E-185, E-225, 0 & IO-470, IO-360, IO-520), 1/2" (A-65, C-85, 0-200, 0-300, G0-300, E-185, E-225, IO-360), 5/8" (A-65, 0-470, IO-520), 3/4" (Lycoming 0-390D, D2 and all wide deck lycoming engines).



*For Torque & Pneumatic Wrenches See Pages 136-138*

**Bondhus® Hex Key Sets**

**NEW**

12199



12137

*Made In The USA*

- Chamfered tips for fast insertion & full tool engagement.
- Marked & color coded case keeps keys organized.
- High torque steel construction with corrosion resistant finish.



**ProHold Tip**



**Balldriver Tip**



**Hex Tip**

Note: Other sizes available, please inquire.

Part Number	Tip Style	Set	Size Range
74937	ProHold	13 PC Inch	0.050" to 3/8"
10937	Balldriver	13 PC Inch	0.050" to 3/8"
12137	Hex	13 PC Inch	0.050" to 3/8"
74999	ProHold	9 PC Metric	1.5 to 10 mm
10999	Balldriver	9 PC Metric	1.5 to 10 mm
12199	Hex	9 PC Metric	1.5 to 10 mm

**Bondhus® T-Handle Hex Key Sets**

**NEW**

*Graduated Lengths*

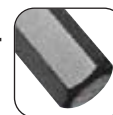
- Handle & blade are securely welded and will never loosen.
- Ergonomic handles shaped for comfort & control.
- Handle sizes are engineered to match torque capabilities.
- High torque steel construction with corrosion resistant finish.

13190

*Made In The USA*



**Balldriver Tip**



**Hex Tip**



Note: Other sizes available, please inquire.

Part Number	Tip Style	Set	Size Range
13190	Balldriver	10 PC Inch	3/32" to 3/8"
13390	Hex	10 PC Inch	3/32" to 3/8"
13189	Balldriver	8 PC Metric	2 to 10 mm
13389	Hex	8 PC Metric	2 to 10 mm

## Bondhus® Balldriver Hex Key Singles

**NEW**

Made In The USA



15712

15705

- Chamfered tips for fast insertion and full tool engagement.
- High torque steel construction with corrosion resistant finish.



**Balldriver Tip**

**Note:** Other sizes & styles available, please inquire.

Part Number	Hex Size	Overall Length
15702	0.050"	2.8" (72 mm)
15703	1/16"	3.0" (76 mm)
15704	5/64"	3.2" (81 mm)
15705	3/32"	3.4" (86 mm)
15706	7/64"	3.6" (90 mm)
15707	1/8"	3.8" (95 mm)
15708	9/64"	4.0" (101 mm)
15709	5/32"	4.2" (107 mm)
15710	3/16"	4.5" (114 mm)
15711	7/32"	4.9" (124 mm)
15712	1/4"	5.3" (133 mm)
15713	5/16"	6.0" (152 mm)
15714	3/8"	6.8" (171 mm)

## Bondhus® GorillaGrip® Fold-Up Hex Key Sets

**NEW**

12589

Handle 40%  
Stronger Than  
Steel Handles

- Handle does not conduct heat or cold.
- High torque steel hex keys with corrosion resistant finish.
- 90° stop converts the tool into a non-stop, time saving speed wrench.



Made In The USA

**Note:** Other sizes & styles available, please inquire.

Part Number	Type	Size Range
12589	Inch Set	5/64" to 1/4"
12587	Metric Set	2 to 8 mm

## Handi-Hex® Drivers



- General use & production assembly using socket screw products.
- Includes adjustable, replaceable Allen bit & bit change key.

Part Number	Key Size
57400	.028"
57402	.035"
57404	.050"
57406	1/16"
57408	5/64"

Part Number	Key Size
57410	3/32"
57412	7/64"
57414	1/8"
57416	9/64"

## Bristol® Spline Drive Keys

**NEW**



4 & 6 Flute  
Design

S-033-4



S-060-6

Spline drive tools offer superior torque transmission because nearly 100% of the force is applied at right angles to the load bearing spline surfaces of the socket.

Major Dia.	Flute Count	Part No. Short*	Part No. Long*
0.033"	4	S-033-4	—
0.048"	4	S-048-4	S-048-4L
0.048"	6	S-048-6	S-048-6L
0.060"	6	S-060-6	S-060-6L
0.069"	4	S-069-4	S-069-4L
0.072"	6	S-072-6	S-072-6L
0.076"	4	S-076-4	S-076-4L
0.096"	6	S-096-6	S-096-6L
0.111"	6	S-111-6	S-111-6L

\* Approximate overall lengths: short keys 1-1/4" to 2-1/2", long keys 3" to 4".

Part Number	Description
SS-508	10 PC Kit: All Nine Short Keys & Carrying Case

**Note:** Other sizes, styles & kits available, please inquire.

## Brass Hammers

**NEW**

Non-Slip Cushion Grip



HSB-4

- Ideal for application which require non-sparking conditions.
- The flat surface brass head absorbs impact blows, reduces rebound and helps eliminate marred work surfaces.
- Fiberglass handle with cushion grip for greater comfort & safety.

Part Number	Face Dia.	Overall Length	Weight
HSB-1.5	1"	12" (30.5 cm)	24 oz (680 g)
HSB-2.5	1-1/4"	12" (30.5 cm)	40 oz (1134 g)
HSB-4	1-5/8"	12" (30.5 cm)	64 oz (1814 g)

Dual Purpose Hammers

NEW

Hard & Soft Faces  
In One Hammer

70867



Durable Urethane  
Replaceable Soft Tip

70868



High quality & dual purpose, with precision machined heads for excellent balance.

Part Number	Type*	Weight
70866	Steel Head	16 oz (0.45 kgs)
70867	Steel Head	12 oz (0.34 kgs)
70868	Brass Head	16 oz (0.45 kgs)
70869	Brass Head	12 oz (0.34 kgs)

\* Steel head models are heat-treated. Brass head models are non-sparking.

Ball Pein Hammers

NEW

Hickory Handle

HBP-3-0



- Ideal for driving punches, chisels & other metalwork.
- Hammer heads are drop-forged from specially selected steel, then carefully heat treated for dependable service.

Note: Other sizes available, please inquire.

Part Number	Face Dia.	Overall Length	Weight
HBP-3-0	7/8"	12-1/4" (31 cm)	8 oz (227 g)
HBP-2-0	7/8"	13-1/8" (33 cm)	12 oz (340 g)
HBP-0	1-7/8"	14-1/4" (36 cm)	16 oz (454 g)

Deadblow Hammers

NEW

Non-Marring & Non-Sparking

Ergonomically Designed Handle

70331

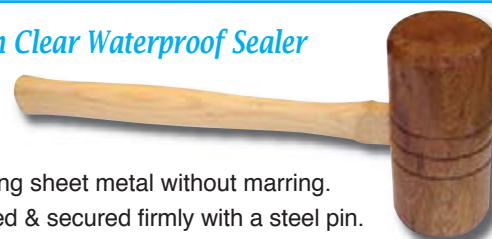


- Deadblow feature minimizes hammer bounce back, reducing fatigue and improving productivity.
- Hard urethane construction resists head cuts & damage.
- Hammer will not absorb liquids - made in the USA.

Part Number	Face Dia.	Overall Length	Weight
70330	1-9/16"	12" (30.5 cm)	16 oz (454 g)
70331	1-3/4"	12-3/4" (32.4 cm)	24 oz (680 g)
70332	2"	13-1/2" (34.3 cm)	32 oz (907 g)

Genuine Hickory Mallet

Coated In Clear Waterproof Sealer



- Ideal for forming sheet metal without marring.
- Head cemented & secured firmly with a steel pin.

Part No.	Head Size	Overall Length	Weight
WM502	2-1/2" D x 5-1/2" L	13" (330 mm)	16 oz (454 g)

Garland® Mallets

NEW

Hickory Handle

11004



Made In The USA

Rawhide Mallets

- The best striking tool for metalwork, tool & die work.
- Prime-grade water buffalo hide head is tough & non-marring.

Part Number	Face Dia.	Head Length	Weight
11002	1-1/2"	3"	6 oz (170 g)
11004	2"	3-1/2"	11 oz (312 g)

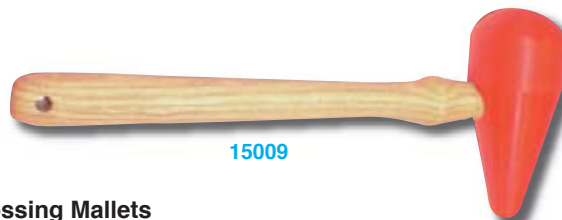


15005

Plastic Mallets

- Head made from ultra-high-molecular-weight plastic that is nonporous, easy to clean & non marring on most surfaces.

Part Number	Face Dia.	Head Length	Weight
15002	1-1/2"	3-1/2"	6 oz (170 g)
15005	2-1/2"	4-7/8"	19 oz (539 g)



15009

Bossing Mallets

- Provides two different radii perfect for forming sheet metal.
- Head made from ultra-high-molecular-weight plastic that is nonporous, easy to clean & non marring on most surfaces.

Part Number	Face Dia.	Head Length	Weight
15008	2"	6-1/2"	16 oz (454 g)
15009	2-1/2"	6-3/4"	20 oz (567 g)
15010	3"	8"	24 oz (680 g)

Note: Many other sizes & styles available, please inquire.