

## Tools

### Left-Hand and Right-Hand Threaded Taps



We stock hard-to-find left-hand taps for fabrication or repairs on suspension links or any other parts that have left-hand SAE UNF threads. Our taps are made from quality high speed steel (HSS) with precision-ground threads. Matching right-hand (standard thread) taps are also available. (For right-hand threads: right=tight, left=loose.)

Thread Size	Left-Hand Tap		Right-Hand Tap	
	Part No.	Price	Part No.	Price
10-32	3720-03	\$7.59	3721-03	\$5.99
1/4-28	3720-04	\$7.99	3721-04	\$5.99
5/16-24	3720-05	\$9.49	3721-05	\$8.99
3/8-24	3720-06	\$9.99	3721-06	\$8.99
7/16-20	3720-07	\$14.99	3721-07	\$9.99
1/2-20	3720-08	\$16.99	3721-08	\$10.49
5/8-18	3720-10	\$24.99	3721-10	\$19.99
3/4-16	3720-12	\$34.99	3721-12	\$19.99

### Drill-Out™ Bolt Extractors

**Drill-Out™** is a revolutionary method of removing broken bolts. The precision left-hand cutting, self-centering drill point makes it easy to use even when the break is jagged. Just chuck the tool into a 3/8" drill, set the drill in reverse, and drill to a half inch depth with the collet backed off. Then advance the collet and place the drill back into the hole. The Drill-Out™ firmly grips the broken bolt and backs it right out. Four sizes: 1/4, 5/16, 3/8, and 1/2 inch (6, 8, 10, and 12 mm).



Complete set of four sizes ..... Part No. 3742 ..... \$48.99  
 Single Drill-Out™ only, 1/4" (6mm) ..... Part No. 3743-250 ..... \$10.99  
 Single Drill-Out™ only, 5/16" (8mm) ..... Part No. 3743-312 ..... \$11.99  
 Single Drill-Out™ only, 3/8" (10mm) ..... Part No. 3743-375 ..... \$12.99  
 Single Drill-Out™ only, 1/2" (12mm) ..... Part No. 3743-500 ..... \$14.99

### Sheet Metal Deburring Tool with 5 Blades

Includes handle and 5 blades



This is a handy addition to any toolbox, even if you don't fabricate your own sheet metal parts. Deburring adds the finishing touch to any part. Smooth edges are less likely to cause cuts and scrapes to your hands. Deburring can also remove stress risers, preventing future cracks. Simply drag the blade against the rough or sharp edge. Each tool comes with a handle and five swivelling blades. The extra blades store conveniently inside the sturdy plastic handle.

Sheet Metal Deburring Tool ..... Part No. 3783 ..... \$25.99

### Beta Tools Air Rivet Gun



Don't risk carpal tunnel syndrome! Give your hand and wrist a rest and let the powerful **1946 Air Rivet Gun** do the hard work for you. The light weight (3.3 lb) and tuned balance make this tool easy to hold and operate for extended periods. The long trigger can be operated easily with just one or two fingers. A cup on the back of the head catches the spent mandrels for safe disposal. Includes noses for all common rivet diameters.\*  
**1946 Air Rivet Gun** ..... BT-019460001 ..... \$278.25  
 \*Note: For use with aluminum rivets up to 3/16" and steel rivets up to 1/8". Using this tool with steel rivets over 1/8" diameter will damage the tool and void the warranty.

See our selection of blind rivets on page 105.

### Beta Tools Pliers



The joint on the 1047 only releases when the button is pressed.



The **1047 Slip-Joint Pliers** are a clever twist on standard slip-joint pliers: The joint can only be adjusted by pushing the special release button on the side! They are great for working one-handed because the joint will not slip, no matter how far you open the jaws. Semi-rounded, serrated jaws can grip flat or round objects securely. Textured PVC handles allow a firm grip without adding bulk.

1047 Slip-Joint Pliers, 240mm (1 3/8" max opening) ..... BT-010470240 ..... \$49.43  
 1047 Slip-Joint Pliers, 300mm (2" max opening) ..... BT-010470300 ..... \$72.61

### Perma-Coil Thread Repair Kits

**Perma-Coils** are the best way to repair stripped threads. Simply drill out the damaged threads, cut larger threads with the special tap (included in each kit), and install the stainless steel insert coil. The resulting repair is stronger than the original threads! Install Perma-Coils in new castings to avoid problems before they start. Fully interchangeable with Heli-Coil® inserts and tooling. Kits include the special tap, installation tool, and one pack of inserts. Available in most popular SAE and metric sizes.



Thread Size	Perma-Coil Kit		Inserts in Kit	Extra Perma-Coil Inserts	
	Part No.	Price		Part No.	Price
10-32	3865-0190-32	\$44.99	12	3868-0190-32	\$6.99
1/4-20	3865-0250-20	\$31.99	12	3868-0250-20	\$6.99
1/4-28	3865-0250-28	\$44.99	12	3868-0250-28	\$6.99
5/16-18	3865-0312-18	\$31.99	12	3868-0312-18	\$7.99
5/16-24	3865-0312-24	\$44.99	12	3868-0312-24	\$7.99
3/8-16	3865-0375-16	\$31.99	12	3868-0375-16	\$9.99
3/8-24	3865-0375-24	\$44.99	12	3868-0375-24	\$9.99
7/16-14	3865-0437-14	\$33.99	6	3868-0437-14	\$5.99
7/16-20	3865-0437-20	\$44.99	6	3868-0437-20	\$5.99
1/2-20	3865-0500-20	\$49.99	6	3868-0500-20	\$7.99
5/8-18	3865-0625-18	\$62.99	6	3868-0625-18	\$16.99
3/4-16	3865-0750-16	\$77.99	4	3868-0750-16	\$15.99

The following size repairs stripped spark plug threads on FF1600 heads:

14x1.25	3870-14x1.25	\$84.99	0*	3873-14x1.25	\$11.99/6
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\*This kit includes the tap and installation tool only. Inserts are sold separately in packs of 6.

Please see our website for a full selection of metric sizes and replacement tooling.

### X-Out™ Damaged Screw Removers

Remove damaged screws quickly and easily. Works with your variable speed drill or 1/4" hex bit holder. Set the drill in reverse, push down and turn. Removes most screw styles including Phillips, hex, and Torx. Set of 3 covers #6 to #12 size screws.



X-Out™ Damaged Screw Removers ..... Part No. 3741 ..... \$24.99

### Beta Tools 1120 Sheet Metal Nibbler

This nibbler from Beta Tools makes quick work of cutting sheet metal. A thin strip of waste material is pushed up and out of the way with each stroke of the handles. Much more convenient than tin snips when cutting through the middle of a sheet. Cuts sheet steel up to 19 gauge (0.047"). The jaws can be replaced when they get dull. 11" long overall.



Beta Tools 1120 Sheet Metal Nibbler ..... Part No. BT-011200101 ..... \$76.89

### Beta Tools Hammers

Beta Tools hammers have genuine hickory wood handles that absorb the shocks that cause operator fatigue and joint soreness. A wide variety of head types, sizes, and weights are available to suit any application from fine finishing work to heavy forging operations. The **1377 Ball Peen Hammers** have a standard flat-face striking surface on one end and a rounded peen at the other. They are great for all kinds of metal work.

Beta Tools 1377 Ball Peen Hammer, 16 oz. .... Part No. BT-013770145 ..... \$31.12  
 Beta Tools 1377 Ball Peen Hammer, 24 oz. .... Part No. BT-013770168 ..... \$37.22

The **1390 Soft-Face Hammers** have replaceable, non-marring polymer faces at each end. Perfect for light shaping when you need to preserve the finish of the workpiece.

Beta Tools 1390 Soft-Face Hammer, 28mm dia face ... Part No. BT-013900028 ..... \$24.29  
 Beta Tools 1390 Soft-Face Hammer, 35mm dia face ... Part No. BT-013900035 ..... \$32.34

The **1390N Nylon-Face Hammers** have replaceable nylon striking faces that are harder than the polymer faces on the 1390 series. They are designed for panel beating.

Beta Tools 1390N Nylon-Face Hammer, 28mm dia .... Part No. BT-013900528 ..... \$24.29  
 Beta Tools 1390N Nylon-Face Hammer, 35mm dia. .... Part No. BT-013900535 ..... \$32.95

### Trail D-Vise Trailer Hitch Vise



Put a vise anywhere you need it, whenever you need it! This heavy-duty vise fits any 2" hitch receiver (Class III or IV) to get you out of the toughest jams. Excellent for trailers with lightweight aluminum cabinets, or for those of us with open trailers. The textured jaws open wide enough to press in driveshaft U-joints. Use the included flat handle or your own 15/16" wrench to operate the jaws. A built-in bottle opener helps you celebrate the end of a long day. Made in USA.

Trail D-Vise Trailer Hitch Vise ..... Part No. 3158-102 ..... \$159.99