

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	\$10.99	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	\$23.99
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 \$56.99
Single Drill-Out™ only, 1/4" (6mm) Part No. 3743-250 \$12.99
Single Drill-Out™ only, 5/16" (8mm) Part No. 3743-312 \$13.99
Single Drill-Out™ only, 3/8" (10mm) Part No. 3743-375 \$14.99
Single Drill-Out™ only, 1/2" (12mm) Part No. 3743-500 \$16.99

4-Piece Sheet Metal Deburring Tool Set



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 set includes 4 color-coded tools, each with a different swivelling blade: One for long straight edges, one for curved edges, one for simultaneously deburring both sides of holes in sheet metal, and one for small-diameter rivet holes.

Sheet Metal Deburring Tool Set, set of 4 tools Part No. SHV-29114 \$24.99

Aeroquip Port and Fitting ID Kit



Stop the guesswork! This pocket-sized kit from Aeroquip has everything you need to identify any standard SAE, metric, or BSP automotive plumbing fitting, in the shop or at the track. Includes a patented measuring caliper with 4 angle gauges built in, a thread pitch gauge with 14 SAE and 3 metric sizes, a flexible 3x magnifier for reading tiny part numbers, the handy 36-page booklet *How to Identify Ports and Connectors*, and a vinyl

organizer sleeve to keep it all together. The 4.5" x 5.5" sleeve is small enough to fit in your toolbox so you can carry it anywhere.

Aeroquip Port and Fitting ID Kit Part No. 3317 \$68.99

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 \$276.81
 * **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.

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 FF16000 heads:

14x1.25	3870-14x1.25	\$84.99	0*	3873-14x1.25	\$11.99/6
---------	--------------	---------	----	--------------	-----------

*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 \$80.42

Thread Detectives



Need help identifying a threaded fastener? The Thread Detective® makes it easy! Each Thread Detective kit has multiple steel test thread fittings, each with male and female threads. Just try threading your piece until you find a match! The thread size is printed right on each fitting, and the fittings are threaded onto lanyards to stay together. Three kits cover all common coarse and fine screw sizes from SAE #1 through 1" and M1.2 through M24. A fourth kit has just 8 fittings covering lug nut sizes from 7/16-20 through 9/16-18 and M12 through M14.

Mini Thread Detective, #1 to #5, M1.2 to M3.5 Part No. 3319-005 \$38.99

Standard Thread Detective, #6 to 1/2", M4 to M12 Part No. 3319-006 \$38.99

Jumbo Thread Detective, 5/8" to 1", M14 to M24 Part No. 3319-007 \$38.99

Lug Nut and Wheel Stud Thread Detective Part No. 3319-008 \$18.99

Full Set of all 4 Thread Detective Kits Part No. 3319-009 \$119.99

Safety Glasses



Protect your most valuable asset — your sight! These strong protective glasses are so light you might forget you have them on. The frameless style is unobtrusive, so you won't be embarrassed to wear them out in public. The clear wraparound one-piece lens has anti-fog, anti-scratch, anti-static, and anti-UV treatment. The black temple pieces have a hole for a lanyard to keep them handy. Meets ANSI Z87.1-1989 specifications. Made in USA.

Uvex Bandido Safety Glasses Part No. 3725-001 \$5.99