

# TOOLS - CUTTERS

## TWO STEP STUD EXTRACTORS



Our Two Step Stud Extractors are the simplest way to remove broken studs and require only 1/8" of the broken stud for removal. Simply tap stud remover on stud or frozen bolt with a hammer or mallet, and then remove stud by attaching a wrench to the hex portion of the remover. Just hammer on and screw out. Built to

last from case hardened steel. Stud Extractors available in sizes listed below.

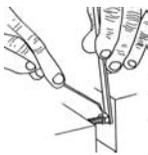
Part No.	Size	Price Ea.	Part No.	Size	Price Ea.
76001-76	3/16"	.	76008-76	5/8"	.
76002-76	1/4"	.	76009-76	3/4"	.
76003-76	5/16"	.	76010-76	7/8"	.
76004-76	3/8"	.	76011-76	1"	.
76005-76	7/16"	.	76012-76	Set 3/16-1/2"	.
76006-76	1/2"	.	76013-76	Set 9/16-1"	.
76007-76	9/16"	.			

## SPOTFACE KIT



The Spotface Kit tool makes a flat spot for screws. This tool is specifically modified to provide rail cap clearance for use on seat rails. Cutter comes with 1/8", 5/32", 3/16" pilots. P/N 05-04429

## THE PRECISION SURE START TOOL



A tool to assist starting a nut onto a bolt in tight fitting areas. Simply screw the nut onto the SureStart tool, place the tool next to the bolt threads and using a small screwdriver or scribe, rotate the nut off of the SureStart tool and onto the threads of the bolt. The aluminum handle may be bent to suit a specific job. Kit accommodates Sizes: #6-32, #8-32, #10-32, 1/4-28, 5/16-24, 3/8-24, 7/16-20 and 1/2-20 nuts. Constructed with aerospace grade aluminum and hardware. Made in the USA Patent Pending. P/N 12-01360

## TAPER PIN REAMERS



Brown & Sharpe Taper pin reamers for installation of AN385 and

AN386 aircraft taper pins. Straight shank, straight flute. High speed steel. No. 596 Straight Flute.

B&S Taper No.	Diameter		Flute Length	Part No.	Price
	Small End	Large End			
1	.1974	.3176	2-7/8"	12-01622	.
3	.3099	.4510	3-3/8"	12-09900	.
	.3474	.5017	3-11/16"	12-10000	.
5	.4474	.6145	4"	12-10100	.
6	.4974	.6808	4-3/8"	12-10200	.

## NYLON FLANGES IN BATTERY BOX MODIFICATION KIT



-Improve Starting Performance. -Easier Removal & Installation of Battery. -May prolong life of battery and starter. -Less expensive to modify existing box than to replace. -Compatible with our famous "Low Loss" Cable Kits! -Eliminate extra connection on outside of the battery box. -Do away with the troublesome braided negative strap. Experimental P/N 11-02892  
STC'd/PMA'd P/N 11-02893

## BATTERY TERMINAL TOOL



The Right Tool for the Job. \* Prevents damage to battery posts. \* Steel frame, fits battery wing nuts securely. \* Insulated to eliminate shorting, sparks or possible explosions. \* Foam grip handle eliminates slipping. \* Great gift for pilot or mechanic. P/N 12-16200

## OLFA ROTARY CUTTER



Ergonomic 45mm rotary cutter features a unique comfortable handle design for both left- and right-handed use. Features include the dual-action safety lock that allows the blade to be locked open for comfort and closed for safety. Accommodates the Olfa straight, wave & pinking blades. The cutter is a rolling razor blade used to cut fabrics into shapes, strips and pieces. Guaranteed forever. Suggested uses: cut fiberglass, composite materials, delicate cloth, fabric, paper, leather, etc.

Rotary Cutter ..... P/N 01-00302  
RB45-1 Replacement Blade only ..... P/N 01-00300  
RB45-1 Replacement Blade pk of 5 ..... P/N 01-00301  
Rotary Pinking Blade ..... P/N 12-01709  
**Good For:** general quilting, sewing and craft projects. Great for cutting out patterns, reduces fraying. Can be used in industrial applications.

## OLFA STAINLESS STEEL SCISSORS



The OLFA stainless steel scissors (7" overall length) are rapidly growing in popularity in both consumer and industrial applications. Extremely high quality stainless steel blades meet perfectly for precision cutting. The material being cut is held in place by one

blade which is serrated, providing positive control. Ideal for use on such varied materials as paper, fabrics, plastic, rubber, & aircraft composites. P/N 01-00303

## OLFA CUTTING TOOLS



**OLFA L-2 CUTTER** - A sure -grip heavy duty cutter which features a ratchet wheel blade lock & an anti slip rubber grip insert. P/N 12-00258

**OLFA NOL-1 CUTTER** - Heavy duty 'hand setter' utility knife which features a ratchet wheel blade lock. Unique cushion handle provides comfortable grip. Cutter ..... P/N 12-00257  
Replacement Blades (5 pack) ..... P/N 12-00261

**OLFA H-1 CUTTER** - Extra heavy Duty sure grip cutter features largest blade available, ratchet lock to prevent slipping, rubber grip insert for positive control, and a rope loop to secure cutter to belt or work table. Cutter ..... P/N 12-00259  
Replacement blades (5 pack) ... P/N 12-00260

## AUTO-LOCK STAINLESS PROFESSIONAL KNIFE



Accommodates both left- and right-handed users. Features locking slide blade, stainless steel handle and built-in pocket clip/blade snapper. A perfect steel cutter where rust is a concern. Lifetime Guarantee. Cutter ..... P/N 12-00339  
Replacement blades (10 pack) ... P/N 12-00340

**45MM ROTARY PINKING BLADE** - 1-pack (PIB45-1) Circular rotary replacement pinking blade designed to place "teeth" on the edge of fabric to reduce raveling and to add a unique edge to any project. Very popular with crafts and memory book development. Also great for use with Polar Fleece! This blade is made of stainless steel for sharpness and durability. For Deluxe 45mm Rotary Cutter (RTY-2/DX) and Pinking Cutter (PIK-2). 1 blade per pack. PN 12-01709



TO