

# SHEET METAL TOOLS

## SPEED DEBURRING & C'SINKING TOOL



Swivel action - makes deburr & c'sink holes fast & easy. Molded handle with 2" long plated steel "Dog-leg" shaft with 1/4"-28 threaded holder. Includes (1) 3/8" X 100° 3-flute burring cutter (part #1050) + 8" extension shaft for deburring the inside of

flanges & other hard to reach holes. ....P/N 12-00622 .....**\$38.50**  
**Handle and Extension Shaft sold separately**  
 Swivel handle only.....P/N 12-00623 .....**\$17.75**  
 Extension Shaft only.....P/N 12-00624 .....**\$8.50**

## E-Z BURR - HSS SERIES



E-Z Burr High Speed Steel (HSS) tools are the industry standard for quick, effective and consistent front and rear burr removal. No other HSS deburring tool is this durable. By designing the blade to operate independent from springs and plungers, E-Z Burr has created a deburring tool with a flexible blade and a solid shank for optimum performance for deburring metal or plastic components. In addition, the patented E-Z Burr HSS deburring tool allows you to change chamfer settings, from extreme low to extreme high, and cutting blades without removing it from the holder. Once the desired chamfer is set, it won't change, even from blade to blade. The result is less downtime, more production, and higher profits.

E-Z Burr Tool Specifications:  
 Series L1A and L1B tools have a working range of -0.0 + .006 inches and -.03 + .15mm.  
 Series L2A and L2B tools have a working range of -0.0 + .016 inches and -.10 + .40mm.  
 Series L3A and L3B tools have a working range of -0.004 + .015 inches and -.10 + .40mm.  
**Note:** All tools (front and rear cutting blade with positive rake)  
**\*\* METRIC SIZES NOT LISTED, MAY BE AVAILABLE UPON REQUEST AS SPECIAL ORDER ONLY - CALL FOR QUOTE ON SIZES NOT LISTED: 1-877-477-7823 \*\***

Hole Dia.	Shank Dia.	Blade Series	Part No.	Price
3/32 in. / 2.38mm	.236 in. / 6.00mm	L1A	12-02949	<b>\$91.85</b>
1/8 in. / 3.17mm	.236 in. / 6.00mm	L1B	12-02951	<b>\$92.75</b>
5/32 in. / 3.96mm	.250 in. / 6.35mm	L2A	12-02952	<b>\$79.95</b>
3/16 in. / 4.76mm	.250 in. / 6.35mm	L2B	12-02953	<b>\$79.99</b>
1/4 in. / 6.35mm	.359 in. / 9.10mm	L3A	12-02955	<b>\$81.75</b>
2.50mm	6.00mm	L1A	12-02959	<b>\$79.75</b>
3.00mm	6.00mm	L1A	12-02960	<b>\$86.90</b>
4.00mm	6.00mm	L2A	12-02961	<b>\$80.75</b>

## EZ-BURR RIVET HOLE BUNDLE

The Rivet Hole Deburring Tool bundle by E-Z Burr includes 5 high performance HSS deburring tools for front and rear cutting. Sizes: 1/8, 5/32, 3/16, 7/32, & 1/4.

P/N 12-02956 .....**\$259.95**

## HSS THREE FLUTE BURRING CUTTER - 100°



US made. High speed steel, precision ground, three flute burring cutter. 3/8" diameter X 100° with 1/4-28 threaded shank. Same style as a countersink but without the pilot.

P/N 12-00625 .....**\$18.95**

## SNAP RING PLIER KIT



Install or remove retaining rings of the Waldes Tru-Arc type with ease. Quality pliers made of heat-treated steel with vinyl covered handles. Kit includes two pair of pliers and two sets of four replacement tips to handle the most common sizes of both internal and external rings. Furnished in plastic box.....P/N 4440R.....**\$38.95**

## STRAP WRENCH



Heavy malleable iron body with latex-treated nylon webbing. For gripping and turning of round, hex or square parts without marring the surface. Indispensable tool for use in close quarters where ordinary pliers cannot be used. Tool is 11-1/2" long with 18" strap. Capacity 3". Wt. 1-1/2 lbs. ....P/N 3004 .....**\$88.75**

## DOUBLE EDGE DEBURRING TOOL



Used to quickly deburr edges of sheets up to 1/8" thick. Save time and motion deburring edges of parts. Precision ground Carbide "V" shape blade with hex aluminum handle. Non-removable cutter style .....P/N 12-00629 .....**\$22.50**

## EDGE MARKER BLOCK



This handy device holds a marking pen and has an adjustable stop for running along the edge of a part. The adjustable stop allows variable edge distance for rivet layout, etc. One thumbscrew holds the pen (pen sold separately) and the other thumbscrew holds the adjustable stop. Made from delrin (plastic) material. Comes ready to use with (1) Pilot marking pen.....P/N 12-00630 .....**\$20.95**

## SHOP HEAD RIVET GAUGE SET



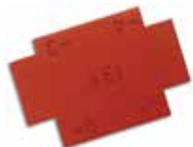
Set of four gauges for -3, -4, -5, & -6 rivets. Each gauge measures MINIMUM height and MINIMUM diameter of shop heads AFTER setting. Eliminates guessing if your rivets are properly set. Works for measuring both universal head and flush rivets. Precision machined to size from 2024 aluminum. Rivet size permanently stamped on each gauge. Color coded anodized finish. Instructions included.....P/N 12-00631 .....**\$22.95**

## EDGE ROLLING TOOL



For pre-bending skin edges on lap joints and butt joints before riveting. "Edge rolling" will prevent skin edges from curling up during riveting. Machined round body made from 2024 aluminum. Hard black anodized finish for wear resistance. Ball bearing style nylon rollers (non marking); + spare set of rollers and instructions included.....P/N 12-00632 .....**\$23.95**

## RIVET LENGTH GAUGE



One gauge measures -3, -4, -5, & -6 rivets. Used to check for proper length of rivets BEFORE setting. Eliminates measuring and guessing of rivet lengths. Works for both universal head and flush rivets. Precision machined to size from 2024 aluminum. Rivet sizes permanently stamped. Gold anodized finish. Instructions included.  
 P/N 12-00633 .....**\$13.50**

## TEMPORARY ASSEMBLY PINS



Initial fitting of control surfaces require multiple installation and removals of the parts to fit, trim, and adjust everything. These temporary assembly pins make the task quicker and easier. Pins are 3/16" diameter with tapered points and angle bends for easy installation. The pins are threaded so the pin holder can be removed — this is necessary to prevent damage should you move the control surface too far during fitting. To remove pins just screw holder back on pin and remove pin. Packaged in sets: 6 pins / 2 holders.....P/N 12-00627 .....**\$19.55**

## INSTRUMENT HOLE PUNCH ATS-123C



Reversible cutter for both 2-1/4" and 3-1/8" instrument panel holes. Easy to use even with instrument panel installed in aircraft. Allows for close work with other instruments already installed. 4 lbs (2Kg) shipping weight.  
 P/N 12-02743 .....**\$169.95**

## BOLT GRIP



This new tool lightly grips the heads of bolts and screws for easier insertion into tight or blind spots. No more dropped or lost parts. Tool has one end for -3 (3/16") fasteners and one for -4 (1/4") fasteners. 12" overall length.  
 P/N 12-00628 .....**\$20.95**

## CHUCKING REAMERS

We stock straight shank and straight flute Chucking Reamers in a wide range of sizes.

**SEE WWW.AIRCRAFTSPRUCE.COM FOR A COMPLETE LISTING OF OUR CHUCKING REAMERS.**

## BRASS PLUMB BOB



Precision machined brass with clear lacquer finish and hardened replaceable tip. Top unscrews for centered string installation.  
**Model:** 6C235 **Size:** 8 oz, 4 7/8" L **Finish:** Clear Lacquer  
**Characteristics:** Replaceable Tip, Screw Top To Attach String (String Not Included).....P/N 12-01711 .....**\$21.50**

