### 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 #1030) & 8” extension shaft for deburring inside of flanges & other hard to reach holes. P/N 12-00622 $36.90
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.

<table>
<thead>
<tr>
<th>Hole Dia.</th>
<th>Shank Dia.</th>
<th>Blade Series</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/32 in. / 0.389</td>
<td>0.060 in. / 1.524 mm</td>
<td>L1A</td>
<td>12-02094</td>
<td>$74.85</td>
</tr>
<tr>
<td>1/8 in.</td>
<td>0.060 in. / 1.524 mm</td>
<td>L1B</td>
<td>12-02095</td>
<td>$74.85</td>
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<tr>
<td>5/32 in. / 0.394</td>
<td>0.060 in. / 1.524 mm</td>
<td>L2A</td>
<td>12-02092</td>
<td>$87.75</td>
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<tr>
<td>3/16 in. / 0.350</td>
<td>0.060 in. / 1.524 mm</td>
<td>L2B</td>
<td>12-02093</td>
<td>$87.75</td>
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<tr>
<td>1/4 in. / 0.312</td>
<td>0.060 in. / 1.524 mm</td>
<td>L3A</td>
<td>12-02095</td>
<td>$69.85</td>
</tr>
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<td>2.00 mm</td>
<td>0.060 in. / 1.524 mm</td>
<td>L1A</td>
<td>12-02095</td>
<td>$74.85</td>
</tr>
<tr>
<td>3.00 mm</td>
<td>0.060 in. / 1.524 mm</td>
<td>L1A</td>
<td>12-02096</td>
<td>$74.85</td>
</tr>
<tr>
<td>4.00 mm</td>
<td>0.060 in. / 1.524 mm</td>
<td>L2A</td>
<td>12-02096</td>
<td>$87.75</td>
</tr>
</tbody>
</table>

**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 PLERİ KİT
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 $28.50

### WRAPCHER
Heavy malleable iron body with latex-treated nylon webbing. For gripping and turning of blind rivets. Top unscrews for use in close quarters where ordinary pliers cannot be used. Tool is 11-1/2” long with 18” strap. Capacity 3”. Unit 1-1/2 lbs. P/N 3004 $51.75

### 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 $23.65

### 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 thumb screw holds the pen (pen sold separately) and the other thumb screw holds the adjustable stop. Made from delrin (plastic) material. Comes ready to use with (1) Pilot marking pen. P/N 12-00630 $19.90

### 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 yellow brass. Rivet 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 12-00631 $22.75

### 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 420 stainless steel. 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 $23.85

### 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 $11.85

### 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 $18.99

### 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 $108.76

### 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 /1/8” fasteners and one for -1/4” fasteners. 12” overall length.

P/N 12-00628 $22.50

### 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.

### CHUCKING REAMERS
Pressure 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 $16.95

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**SHEET METAL TOOLS**

<table>
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