Simplify burr removal on exterior surface holes.

SELF-CENTERING ELLIOTT ELLIPTICAL DEBURRING TOOLS FOR AN EVEN EDGE BREAK OF EXTERIOR HOLES. EASILY FOLLOWS ANY ROUNDED HOLE AND PRODUCES AN EVEN CHAMFER OF CURVED HOLE EDGES.

Elliptical Deburring tools are a simple solution to a costly problem!

- Quick, efficient, and simple to use! The constant pressure of the spring combined with the pilot keeps the cutter centered, ensuring a uniform burr removal.
- The tool’s pilot easily follows any rounded hole and produces an even chamfer of curved hole edges.
- Premium grade HSS TIN coated cutters are available standard.
- Cutting blades can be resharpened or replaced and are very cost effective against solid carbide chamfer tools.
- The Elliott Elliptical Deburring tool can be used with a hand drill, drill press or CNC machine. No tool settings required!
- “Overtravel” spring design to prevent burr removals from becoming unintended chamfers.
Available in three standard sizes!

STANDARD DIMENSIONS

<table>
<thead>
<tr>
<th>Operating Range Min.</th>
<th>Operating Range Max.</th>
<th>Length</th>
<th>Body</th>
<th>Shank</th>
<th>Degrees</th>
<th>Tool Number</th>
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<td>B</td>
<td>C</td>
<td>D</td>
<td>E</td>
<td>F</td>
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REPLACEMENT PARTS

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<tr>
<th>Complete Tool</th>
<th>Cutter</th>
<th>Cutter Spring</th>
<th>Pilot</th>
<th>Pilot Spring</th>
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PREFERRED METHOD OF DEBURRING CRANKSHAFT HOLES.
**APPLICATION**

*Even* deburring on uneven surfaces at an *even* better price.

**THE JOB**

- **Part Material:** Stainless steel
- **Diameter:** 0.1875”

**THE SOLUTION**

- **Tool Used:** 0430052
- **Speed:** 100 RPM
- **Feed:** Press into part until full contact

**THE RESULTS**

- Evenly deburred elliptical hole.
- Better cosmetic appearance compared to alternative processes
- **Cycle Time:** 3 sec.