ELLIPTICAL DEBURRING TOOLS

EDT

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!

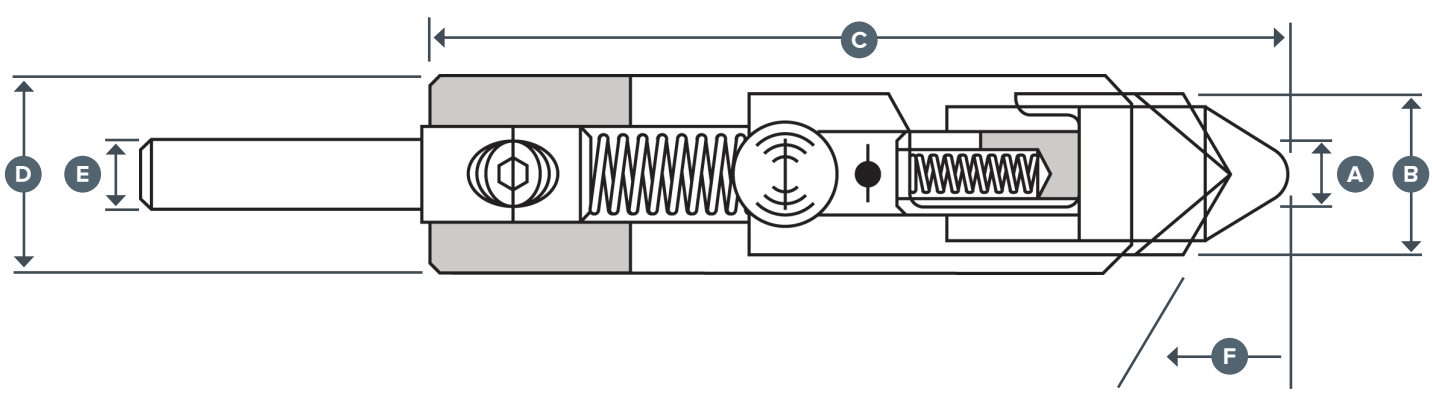
STANDARD DIMENSIONS

Operating Range Min.	Operating Range Max.	Length	Body	Shank	Degrees	Tool Number
A	B	C	D	E	F	
0.156″	0.313″	0.093″	0.625″	0.250″	120	0430052
0.250″	0.500″	0.125″	0.750″	0.250″	120	0435052
0.375″	1.000″	0.156″	1.000″	0.500″	120	0440000

PREFERRED METHOD OF DEBURRING CRANKSHAFT HOLES.

REPLACEMENT PARTS

Complete Tool	Cutter	Cutter Spring	Pilot	Pilot Spring
0430052	0230350	0230601	0231000	0230400
0435052	0230350	0230601	0235300	0230400
0440000	0440250	0440700	044044	0440500



ELLIPTICAL DEBURRING TOOL

APPLICATION

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

THE JOB

Part Material:
Stainless steel

Diameter:
0.1875″

THE SOLUTION

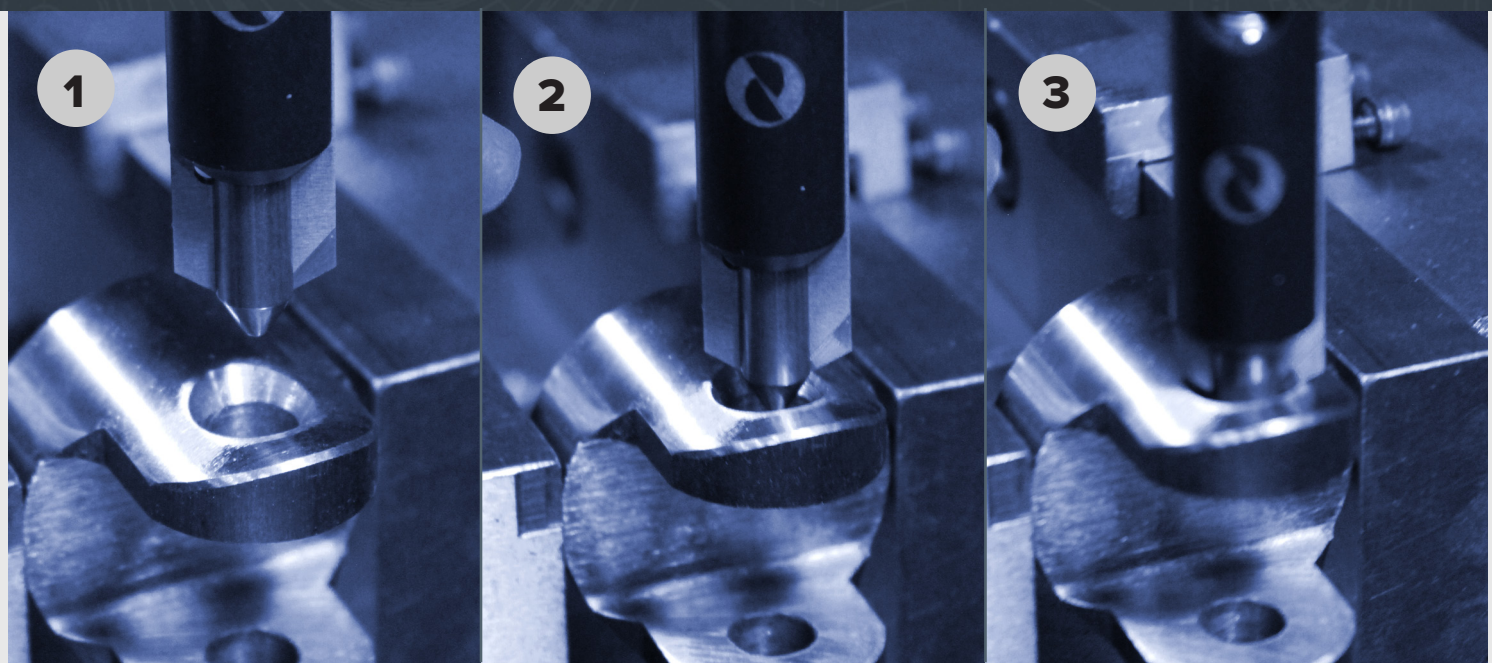
Tool Used:
0430052

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:
3SEC.