

Resistance
Welding
Equipment

Spot Welding
Electrodes

Special Tooling

Bar Stock

HOLDERS

Special
Forgings

Elconite

Ignitron Tubes

Seam Welder
Wheels

C.D. Studs

ARC Studs

Concrete
Anchors

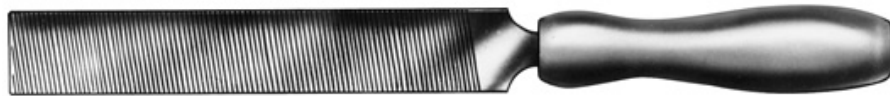
Controls

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Repair and
Service

Educational
Programs

Tip Dressing Tools



Radius Tip File

To restore original contours of welding tips with a shallow radius (best for aluminum and some stainless steel welding applications) use this 2 inch radius file. Part No. 601-0120



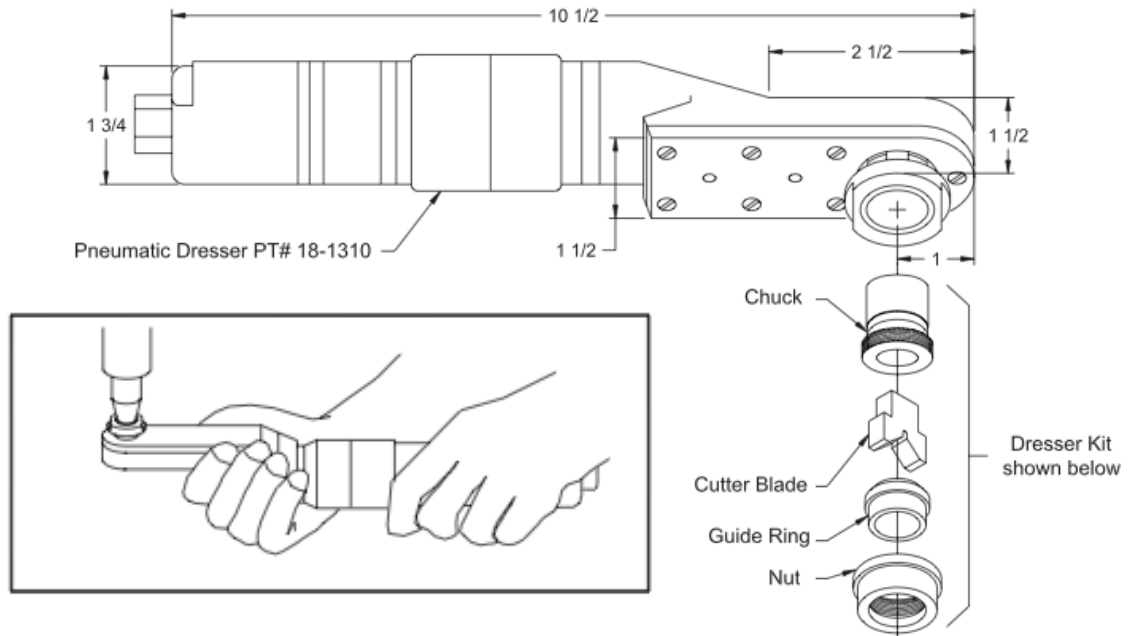
General Tip Dressing Tool

This tool removes the mushroomed nose material on a pair of tips of 4RW or 5RW size, having pointed or dome noses. This is best used in conjunction with 120-180 grit emery paper wrapped around a standard file, to clean the surface of the electrode. Intended to dress both upper and lower electrodes at the same time. Other nose design dressers are available on special order. Part No. 601-0102.

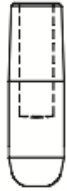

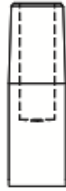
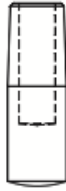
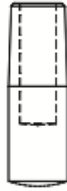
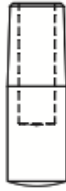

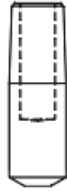
Dresser cutter, Part No. 601-0103

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Pneumatic Power Handle Electrode Dresser



Lightweight and rugged construction, this pneumatic Power Handle requires a clearance of only 1-1/2" with the standard ring and 2" with an extended ring. In most situations this allows dressing of electrodes without removal from the welder. Operating at a cutting speed of 1200 RPM it enables the operator to dress electrodes quickly and accurately. Cutters and guide rings are easily replaced. These must be matched to the electrode nose and are selected from the chart below.

							
Dome x11x..	Pointed x21x..	Flat x31x..	2" Radius x51x..	3" Radius x81x..	4" Radius x91x..	10" Radius x61x..	Truncated x71x..



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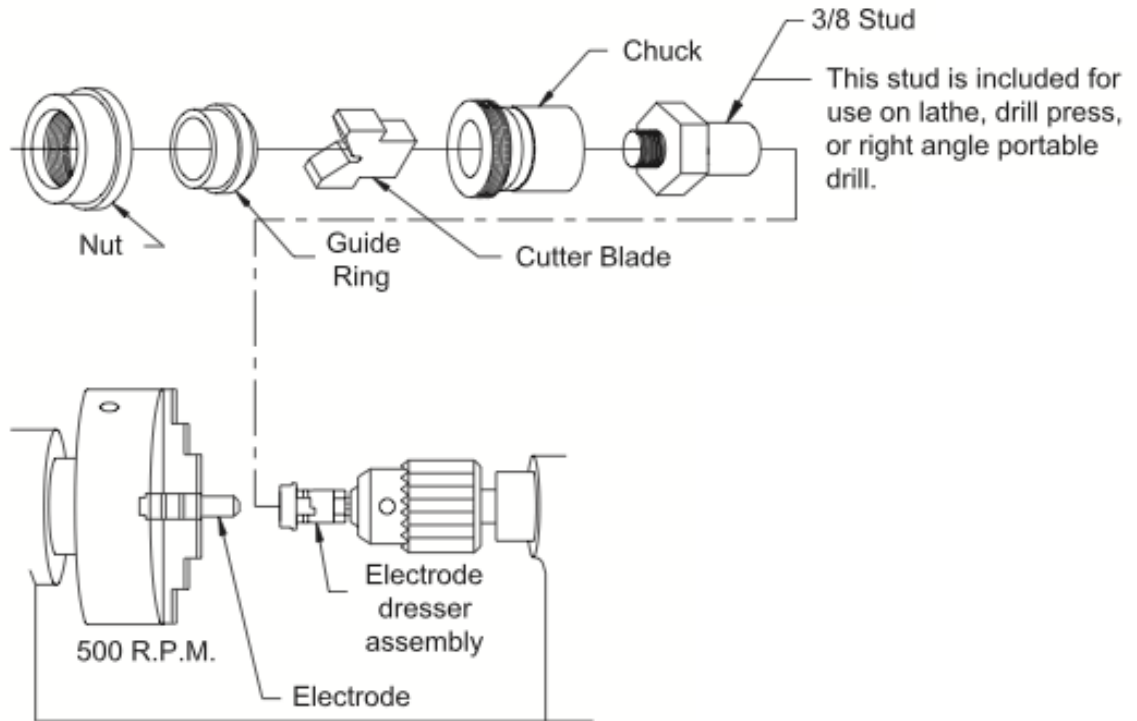
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Pneumatic Power Handle Electrode Dresser (Cont.)



Another option is to use a cutter blade in a chuck assembly and dress your electrodes in a lathe. This is a good solution if you are dressing many electrodes at one time.

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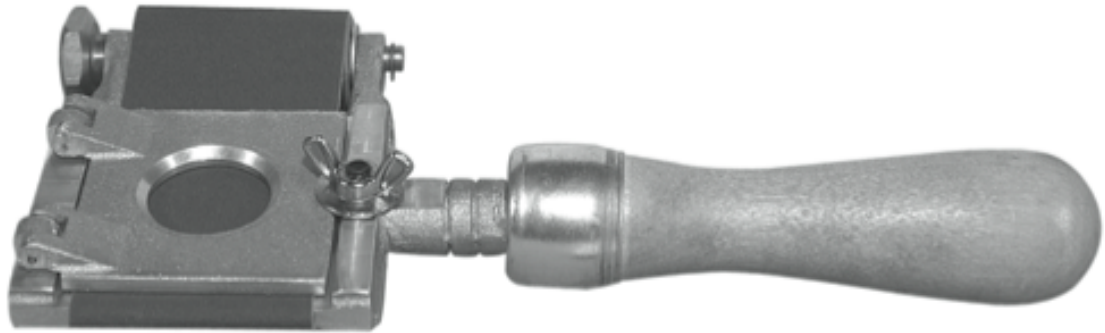
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Contour Tip Dresser



In certified resistance welding and where clean, strong welds are necessary on a production basis (for MIL-spec 6858D or ANSI AWS D17.2/D17.2M:2007, generally for welding aluminum), the Contour Tip Dresser uses precision ground contour plates to guarantee the radius electrode face you need. It assures consistent weld quality in aircraft metals and saves production time in dressing operations. This dresser is supplied with a spool of 240 grit cloth and one set (two plates) of precision ground plates. Specify the size radius (2", 3", 4", 6", 8", & 10") plates required.

PRECISION GROUND CONTOUR PLATES

