

JA[®] TIG 10/175

TUNGSTEN-ELECTRODE-GRINDER

For Precision Longitudinal Grinding of Tungsten Electrodes
With Diameters .040" (1.0mm) to 3/16" (4.8mm).



Arc-Zone.com, Inc.

Sold By:



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ArcZone



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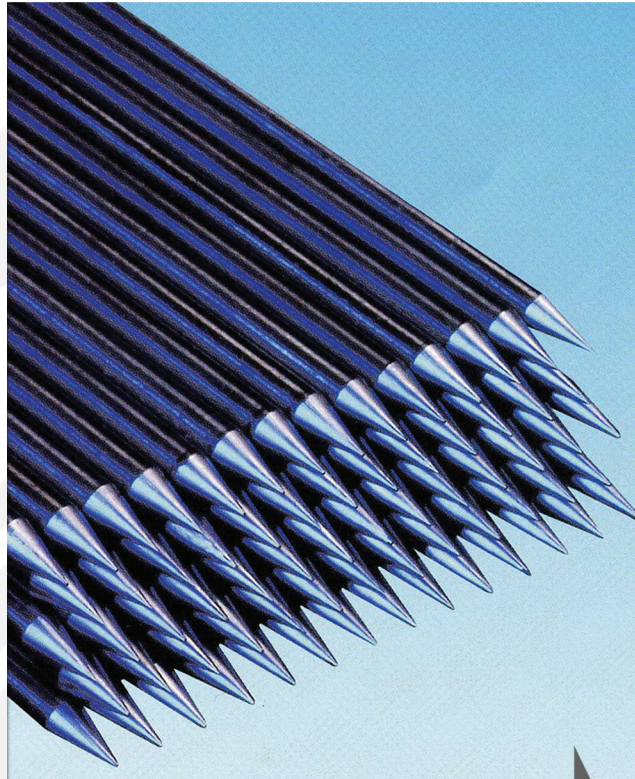
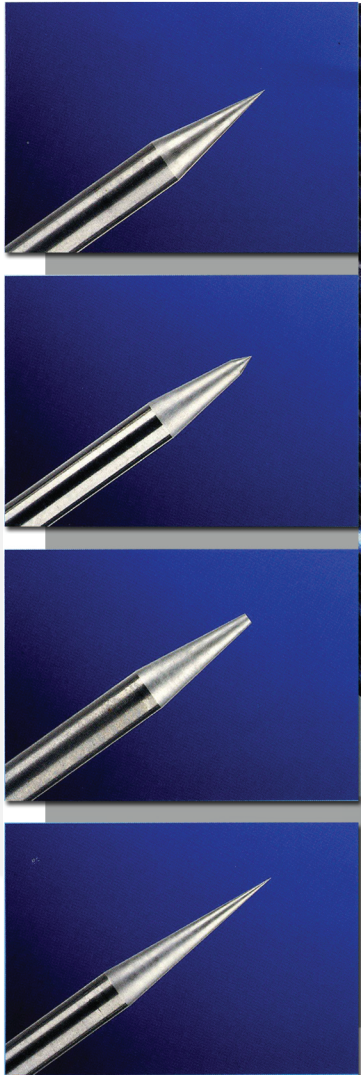


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OPTIMIZE YOUR TIG & PLASMA ARC WELDING WITH PRECISION GROUND ELECTRODES

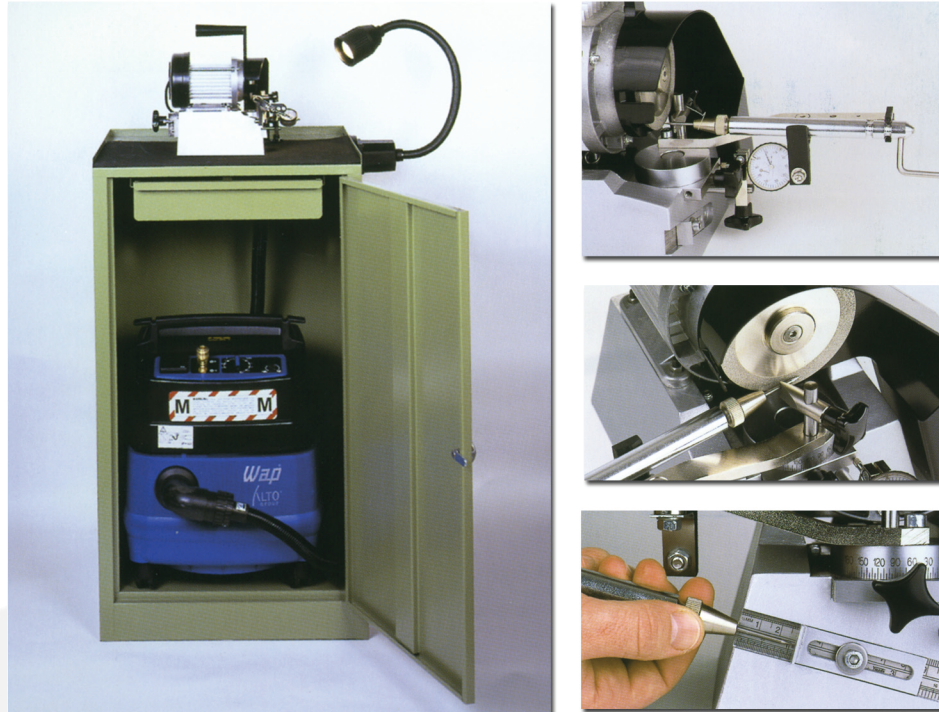


Advantages at a Glance

- Precision Electrode Cutting and Grinding can be done on the same diamond grind-ing wheel.
- Optimize your TIG & Plasma Arc applications by using tungsten electrodes lon-gitudinally ground to your specifications.
- Grind angle can be set from 0-90 degrees.
- Extended electrode life by re-grinding used electrodes to original specifications.
- Excellent, ignition quality and improved tip life.
- Improved arc stability and better control of the arc-zone in your orbital and hand held welding applications.
- Exact reproduction of grind angle and tip flat.
- For tungsten electrodes with diameters:
 - 040" (1.0mm)
 - 1/16" (1.6mm)
 - 3/32" (2.4mm)
 - 1/8" (3.2mm)
 - 5/32" (4.0mm)
 - 3/16" (4.8mm)
- with lengths from:
 - 0.4" (10mm) to 7"
 - (175mm), with +/- .0004" (.01mm) accuracy (with additional dial indicator).
- Easy to operate!

The complete system

- Certified and approved vacuum dust collection system with 115V or 230V (optional feature).
- Efficient, low-maintenance motor (standard feature).
- Steel cabinet wth working pad and dust collection system(optional feature).
- Flexible halogen lamp (optional feature).
- Diamond grinding wheel for precision grinding and cutting (standard feature).
- Available diamond grinding wheels for grinding or polishing (optional feature).
- Shortening of tungsten electrodes without splintering by notching or cutting with the diamond wheel (standard feature).



Caution: Be sure to unplug the unit when adjusting or changing the diamond grinding wheel; and, always wear proper safety equipment when operating or maintaining this grinder.

EP-Patent 03 85 069 - US-Patent 5.001.868a

<p>Longitudinal grinding=stable arc</p>	<p>Circular grinding: unstable arc and arc wander</p>	<p>Precise longitudinal grinding of tung-sten electrodes is essential for optimal weld quality. By exact replicatoin of taper, tip flat & finish of tungsten electrodes, the strictest welding parameters can be met.</p>

Technical Data	
Motor	230 v ~, 50 Hz, 2800 r.p.m., 0,18 KW, protec-tion degree IP 55 or 115 V~, 50 Hz, 2720 r.p.m., 0,18 KW, protection degree IP 55.
Diamond Disc	Ø 90 mm(3,54").
Grinding Range	Electrode diameter 1,0-5,0mm (0.040-1/5"). Electrode length 10 up to 175 mm(0.4-7").
Weight	10,1 kg, without cupboard. 53, 0 kg, with cupboard and vacuum-cleaner.