

PRE-GROUND TUNGSTEN ELECTRODES

- ◆ Automated Tig/Plasma Welding
- ◆ Manual Tig/Plasma Welding
- ◆ Orbital Welding
- ◆ PTA Welding
- ◆ Tube Mill Welding



QUALITY

High quality electrode material is ground and inspected with mechanized equipment to ensure that accuracy and consistency are provided.

SUPPORT

Our engineering staff provides assistance for electrode material and tip geometry selection. We offer technical support for welding issues and equipment troubleshooting.

DELIVERY

Commonly used sizes and blanket orders stocked for immediate delivery. Rapid turn-around for all orders.

VALUE

We offer competitive prices and volume discounts. **Save up to 70% off equipment manufacturer's prices!**

Why Use Pre-Ground Electrodes?

The accuracy, repeatability and reliability of the electrode input to the weld process is guaranteed when using high quality Pre-Ground Electrodes.

Eliminate potential hazards of electrode grinding. Remove inconsistencies of manual grinds. Use electrodes with higher tolerance angles, tip flat and surface finish.

BENEFITS

- Improved arc starting
- Increased arc stability
- Electrode contamination issues minimized
- Lower risk of Tungsten shedding/inclusions
- Weld quality and appearance improves
- Consistency of weld penetration
- Scrap and rework reduced
- Longer electrode life increases production

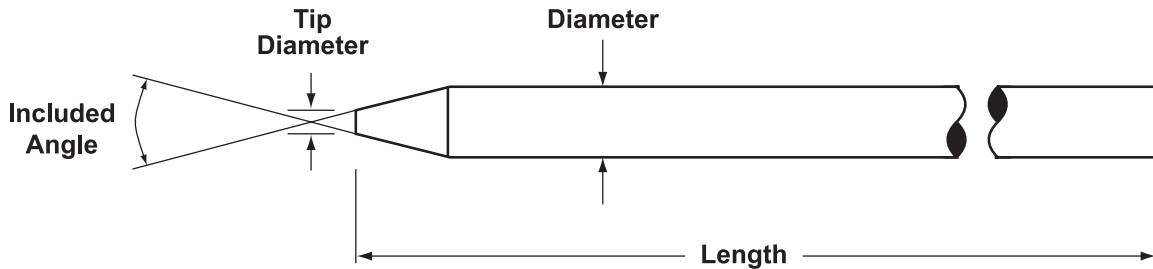
Call For Free Electrode Samples!

Pre-Ground Electrode Specifications

	LENGTH	DIAMETER	INCLUDED ANGLE	TIP DIAMETER	MATERIALS	FINISH
HOW TO ORDER	Specify Length	.040", 1/16", 3/32", 1/8", 5/32", 3/16" or metric equivalent	Specify Angle	Specify Tip Flat Diameter	2% Thoriated 2% Ceriated 1½% Lanthanated Plus Others!	Std. or Polished
STANDARD TOLERANCES	± .002" (± .05mm)	According to AWS A5.12 Standard	± ½°	± .002" (± .05mm)	According to AWS A5.12 Standard	20 Ra or 6-8 Ra

Other tolerances, finishes, diameters, and electrode materials available on request. Consult factory for details.

Electrode Dimensions



Ordering Options

- ① Use your welding equipment manufacturer's part number, if available.
or
- ② Specify the parameters: length, diameter, included angle, tip diameter, material, and finish.
or
- ③ Describe your equipment and application. We can assist in providing the optimum dimensions for your specific needs.

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