

# Pre-Ground Tungsten Electrodes For:

## ORBITALS



## PLASMA



## TUBE MILLS



## MECH. TIG



**Increased weld quality and consistency! Keep your welders more productive!!**

Diamond Ground Products longitudinally prepared Pre-Ground Electrodes are made to your exact specifications and offer improved arc starting and stability, greater longevity, and consistent welds at economical prices.

**75 Ra**



**20 Ra**



**6-8 Ra**



## TYPICAL HAND GROUND

- Inconsistent finish.
- Incorrectly ground.
- Poor arc starting and stability.
- Reduced electrode life.
- Risk tungsten inclusion and potential X-ray defect.
- Involves potentially hazardous hand grinding.

## DGP STANDARD FINISH

- Extremely consistent finish.
- Correctly diamond ground, longitudinally.
- Excellent electrode life.
- Exceeds all standards set by automatic welding manufacturers.

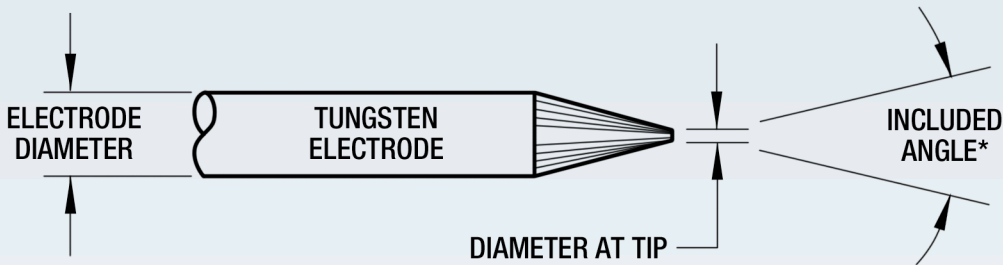
## DGP POLISHED FINISH

- Maximum electrode life.
- Ideal for high purity welding.
- Extremely consistent finish.
- Diamond ground and polished, longitudinally.
- Excellent arc starting and stability.
- Lowest shedding surface.



*"The Tungsten Electrode Experts"*

[www.diamondground.com](http://www.diamondground.com) • [sales@diamondground.com](mailto:sales@diamondground.com)



### **Materials In Stock:**

Tri-Mix Tungsten  
 2% Lanthanated Tungsten  
 2% Ceriated Tungsten  
 2% Thoriated Tungsten  
 Cryo-T, Pure, Zirconiated  
 .020" to 1/4" Diameter  
 Material specs and certification available upon request

### **Advantages of DGP Electrodes:**

- Highest Quality / Longest Life  
 (Quality controlled assembly line, clean conditions, and sealed packaging)
- Economical
- Quick Delivery
- Re-Grind service available
- Custom lengths and diameters

### **Strict Tolerance Applications:**

Semiconductors/Clean Rooms  
 Aerospace  
 Pharmaceutical  
 Nuclear  
 High Purity Gas & Liquid delivery systems  
 Many others

### **Also ask for information on our other products:**

- Precision Tungsten Electrode Grinders
- Non-Radioactive Tri-Mix, Lanthanated / Ceriated Tungsten

### **How to order:**

Quantity	Length	Diameter	Taper	Tip Dia.	Material

Or you may use your welding equipment manufacturer's part number.



*"The Tungsten Electrode Experts"*

2651 Lavery Court • Newbury Park, CA 91320  
 Tel: 805-498-3837 • Fax: 805-498-9347  
 www.diamondground.com • sales@diamondground.com

European Office: Diamond Ground Products Europe  
 Blackstone Road, Huntingdon, Cambridgeshire, PE29 6EF, UK  
 Tel: 01480 437478 • Fax: 01480 437479