

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.

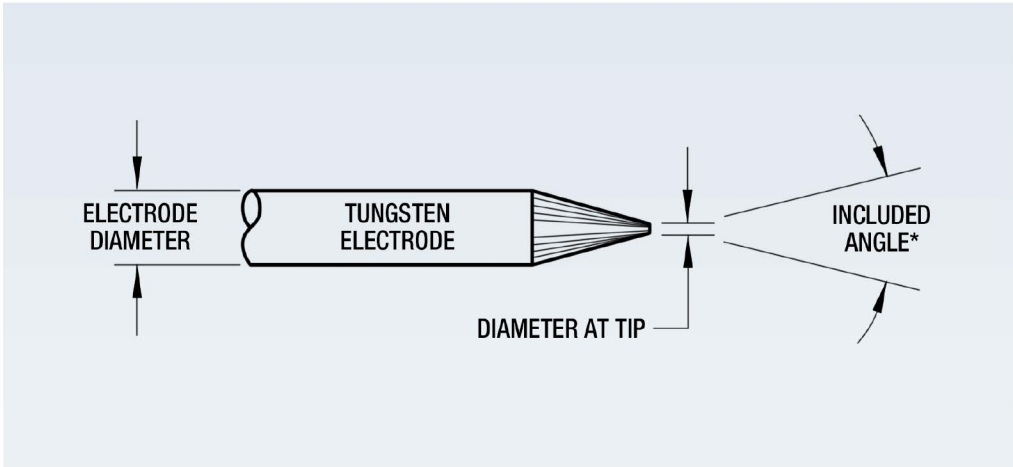
DGP STANDARD FINISH

- 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.





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.

