

Techweld® MultiStrike® TEG-1000 Tungsten Electrode Grinder



FEATURES

Repeatable points every time

The use of the TEG-1000 Grinder will give repeatable Tungsten Electrode points every time, enabling consistent repeatable arc performance and welding results.

Axial grinding

By grinding the points longitudinally, the TEG-1000 eliminates arc flicker or wander.

Any diameters

Sizes from 1.0 to 3.2 mm can be ground using the multi hole tappet that is part of the grinder. Other diameters and short lengths can be ground by using the appropriate accessory tappets, collets and pin vice.

Return on Investment

The Grinder has been purpose designed and manufactured for the job. The cost saved in grinding wheels alone can provide rapid payback on the small outlay required to purchase this Grinder.

Prolonged Tungsten Electrode life

Savings can be achieved because of the increased life of properly ground Tungsten Electrodes. With the special collet accessory, shorter tungstens can be held, significantly increasing the life time of each Tungsten Electrode before it is discarded.

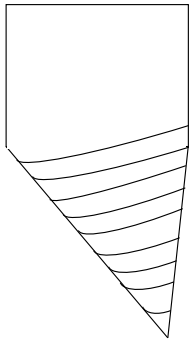
TIG welding requires Tungsten Electrodes with perfectly ground and polished tips. Huntingdon Fusion Techniques' TEG-1000 provides these, time-after-time, to exactly the same size and shape at low cost.

The diamond wheel grinds the Tungsten Electrodes longitudinally. This prevents arc flicker or wander caused by circumferential lines or ridges found on Tungsten Electrodes, which have been ground incorrectly.

With Tungsten Electrodes ground and polished, mechanised welding can produce identical, repeatable results every time. With manual welding the shape of the Tungsten Electrode is just as important. With a correctly-shaped tip, the arc can be precisely positioned with none of the preferential arcing experienced when using poorly shaped manually ground tips.

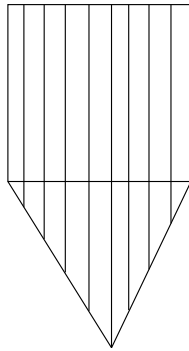
The TEG-1000 is a high performance tool that is an essential for every welding workshop where GTAW/TIG, Plasma/PAW or resistance welding processes are used.

Incorrect direction of grinding



Typical Tungsten Electrode tip by hand grinding

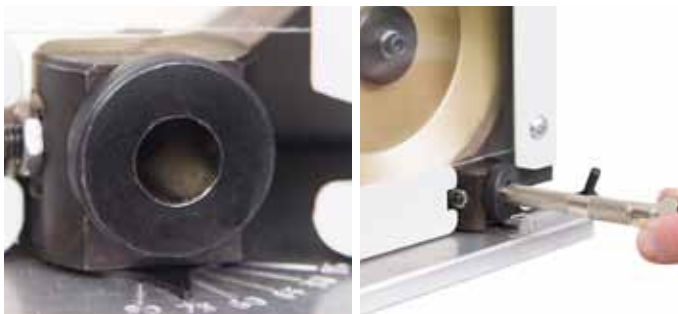
Correct direction of grinding



Tungsten Electrode tip from the TEG-1000 Grinder



4 Size collet holder for short tungstens (1.0mm, 1.6mm, 2.4mm and 3.2mm)



Various tappets and collets available for TEG-1000

- British manufactured.
- Quiet in operation.
- Separate on and off switches.
- CE Mark.
- 110 Volt and 220 Volt versions 50/60 Hz.
- Easy wheel replacement.
- Can be retrofitted to the new vacuum unit.
- Bench mounted system.
- Vacuum unit accessory gives safe and clean disposal of dry powder, no wet radioactive sludge to worry about.
- Easy to use collet and angle guide system.
- Integral handle making unit portable and easy to move to different locations.
- A published technical paper is available about tungsten electrode grinding, a copy of which is available upon request.



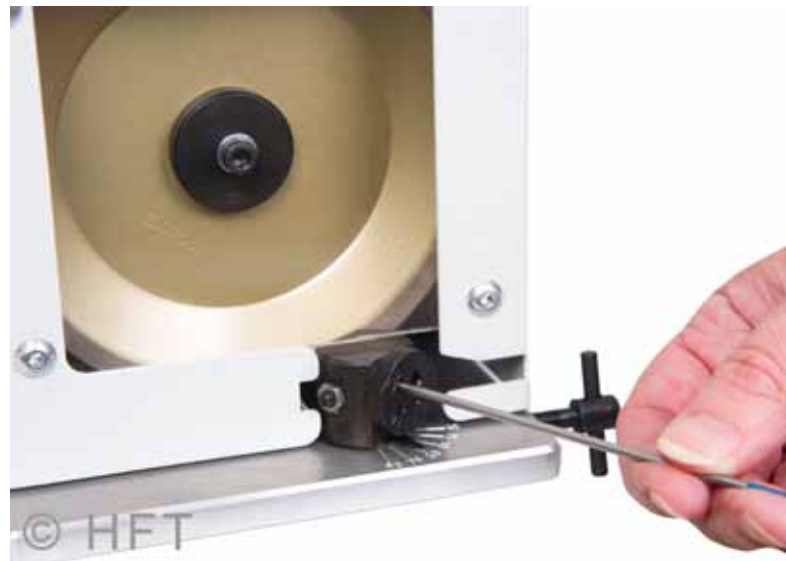
4 hole tappet and angle guide

MULTISTRIKE® TUNGSTEN ELECTRODES

MultiStrike® Tungsten Electrodes are the only fully traceable tungstens available. Many of our customers report that they perform better than other type of electrodes for the majority of TIG and plasma applications.

MultiStrike® are thoria free and environmentally friendly. When used in automatic and manual welding processes, operators experience less down time and can achieve full weld penetration with less heat input and up to ten times greater arc striking before re-grinding is necessary.

New MultiStrike® Tungstens work just as well on DC welding of steels as well as AC Welding of Aluminium. They perform much better than Zirconiated tungstens and last longer. One MultiStrike® Tungsten can be used for all GTAW/Tig, PAW/Plasma and resistance welding.



HUNTINGDON FUSION TECHNIQUES ■ HFT

Other HFT® Weld Purging Products

Argweld® Inflatable Tube Pipe & Pipeline Weld Purging Systems
 Argweld® PurgEye® Weld Purge Monitors®
 Argweld® Weld Purge Film® & Weld Purge Super Adhesive®
 Argweld® Weld Backing Tape™ & Weld Purge Tape™
 Argweld® Weld Trailing Shields®
 Argweld® Flexible Welding Enclosures®
 Argweld® Weld Purge Plugs™ & Orbital Welding Plugs
 Techweld® MultiStrike® Tungsten Electrodes
 Techweld® MultiStrike® Tungsten Electrode Grinder

Our HFT Pipestoppers® Division

Nylon, Aluminium, Steel and Rubber Pipe Plugs and Inflatable Stoppers