



Wholesale Welding Supplies Ltd

PRODUCT INFORMATION SHEET



TIG WELDING ACCESSORIES

PART NUMBERS

HP16208
HP16210
HP16212
HP16216
HP16224
HP16232
HP16240
HP16248
HP16255
HP16264

PRODUCT DESCRIPTIONS

0.8% ZIRCONIATED TUNGSTENS

0.8MM x 150MM
1.0MM x 150MM
1.2MM x 150MM
1.6MM x 150MM
2.4MM x 150MM
3.2MM x 150MM
4.0MM x 150MM
4.8MM x 150MM
5.5MM x 150MM
6.4MM x 150MM

PICTURE FILE: HP16208-HP16264

PRODUCT DESCRIPTION:

The tungstens in this zirconiated range contain 0.8% of zirconium oxide (ZrO_2) and are identified by a white colour code. The welding characteristics of 0.8% zirconiated tungstens make them the electrode of choice for AC TIG welding of aluminium and magnesium alloys, because they combine the arc stability and balled end typical of pure tungsten with the higher current capacity and better arc starting ability usually associated with thoriated tungstens.

Zirconiated tungstens are more resistant to tungsten contamination of the weld pool than pure tungsten and are preferred for radiographic-quality welding applications where tungsten contamination of the weld must be minimised.

150mm length 0.8% zirconiated tungstens are available from WWS in diameters ranging from 0.8mm to 6.4mm.

TECHNICAL SPECIFICATIONS:

Classification: EWZr-08 (under ANSI/AWS A5.12-92)
Suitable Current: AC
Suitable For Welding: Aluminium and Magnesium alloys
Tungsten Rod Length: 150mm
Available In Diameters: 0.8mm, 1.0mm, 1.2mm, 1.6mm, 2.4mm, 3.2mm, 4.0mm, 4.8mm, 5.5mm and 6.4mm

NOTES:

WWS also supply a range of 1% thoriated tungstens (EWTh-1), suitable for DC (-) TIG welding of mild steel, WWS part numbers HP16008 – HP16040

A range of 2% thoriated tungstens (EWTh-2), suitable for DC (-) TIG welding of mild steel *and* stainless steel, is also available, WWS part numbers HP16105 – HP16164.

In addition, a range of 2% ceriated tungstens (EWCe-2), suitable for AC (e.g. for aluminium) *and* DC (-) (e.g. for mild steel and stainless steel) TIG welding is supplied by WWS, part numbers HP16310 – HP16340.

ALTERNATIVES: 2% Ceriated Tungstens (EWCe-2), for AC *and* DC (-) TIG welding, HP16310 – HP16340

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