

TAURUS 70S-6 MILD STEEL TIG RODS

Description

TAURUS TIG 70S-6 rod is produced from high quality deoxidised rod. The products are copper coated for increased shelf life.

WELDING PROCEDURE

TAURUS TIG 70S-6 rod should be used with a 2% thoriated (red colour tip) tungsten electrode with pure argon as a shielding gas at flow rates of 10 – 15 l/min.

WELDING POSITIONS

- Down hand • Horizontal flat • Horizontal vertical

- Vertical up • Overhead

CLASSIFICATIONS

- AWS A5.18 ER 70s-6
- SABS 145 Grade A
- EN ISO 14341 G42 2 C G4Si1
- EN ISO 636-A W 42 3 W4Si1
- EN ISO 636-B W 49 3 W4Si1

AVAILABLE IN

- 1.6 x 1000mm – 5kg pack
- 2.0x 1000mm – 5kg pack
- 2.4 x 1000mm – 5kg pack
- 3.2 x 1000mm – 5kg pack

COMPOSITION	VALUE
Carbon	0.07 – 0.15 %
Manganese	1.4 – 1.85 %
Silicon	0.8 – 1.15 %
Sulphur	0.035 % Max
Phosphorous	0.03 % Max

Copper	Typical 0.18 % 0.4 % Max

MECHANICAL PROPERTIES	**AS WELDED**
0.2% Proof stress	420 MPa min
Tensile strength	510 – 570 MPa
Elongation on 50mm	26 min
Charpy V-Notch at +20°C	110 J min
Charpy V-Notch at -29°C	50 J min
Charpy V-Notch at -46°C	27 J min

Product Category

1. Consumables
2. Mild Steel
3. Tig Rods

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