

TAURUS 70S-6 MILD STEEL MIG WIRES (SPOOL)

Description

The TAURUS ER70S-6 MIG wire is produced from high quality de-oxidised rod. The products are copper coated for increased shelf life, which facilitates good electrical conductivity with reduced friction during high speed welding. The TAURUS ER70S-6 MIG wire is a premium quality wire which is precision layer-wound to produce positive, uninterrupted feeding in semi-automatic and automated systems.

WELDING PROCEDURE

The TAURUS ER70S-6 MIG wire is suitable for dip (short arc), spray arc and pulsed-arc transfer welding using CO2 and Argon based shielding gases.

WELDING POSITIONS

- Downhand • 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

APPROVALS

- Lloyds register of shipping grade DXVud, BF, 2S, 2YS, H15
- American Bureau of shipping grade 2SA TUV

AVAILABLE IN

- 0.6mm – 5kg spool
- 0.8mm – 5kg /15kg spool
- 0.9mm – 1kg / 15kg spool
- 1.0mm – 15kg spool

- 1.2mm – 15kg spool
- 1.6mm – 15kg spool

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 (with CO?)	AS WELDED
0.2% Proof stress	430 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 0°C	80 J min
Charpy V-Notch at -20°C	47 J min

Product Category

1. Consumables
2. Mig Wire
3. Mild Steel

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