

TAURUS ER70S-6 MILD STEEL BULK DRUM MIG WIRE & CONE

Description

The Taurus MIG wire drum contains premium quality solid welding wire that is pre-tensioned, resulting in little to no cast and helix when exiting. The straightness of the wire provides more accurate and consistent welds as well as tracking during welding, which is ideal for automated applications.

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

AVAILABLE IN

- 1.0mm – 250kg drum pack
- 1.2mm – 250kg drum 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 (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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