



## 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 CO<sub>2</sub> and Argon based shielding gases.

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## **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**

<b>COMPOSITION</b>	<b>VALUE</b>
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? )**

0.2% Proof stress

Tensile strength

Elongation on 50mm

Charpy V-Notch at +20°C

Charpy V-Notch at 0°C

Charpy V-Notch at -20°C

**AS WELDED**

430 MPa min

510 – 570 MPa

26 min

110 J min

80 J min

47 J min

**Product Category**

1. Consumables
2. Mig Wire
3. Mild Steel

**Date Created**

03 Nov 2025