

TAURUS E70C-6M MILD STEEL METAL-CORED MIG WIRE

Description

TAURUS MIG 70C-6M metal-cored wire combines the efficiency characteristics of solid wires with the advantages of high-productivity rates of flux-cored wires including low-fume generation rates, high efficiency, no slag cleaning or removal, pure-spray achievement when using 75-80% argon/balance carbon dioxide gas mixture and faster travel speeds for a given fillet size. It is well suited for applications where higher manganese and silicon levels are essential particularly in the presence of heavy mill scale, mild contaminants or when improved wetting of the weld bead is desired. Taurus E70C-6M wire excels in general purpose welding but is equally superior in higher-demanding situations such as in heavier sheet-metal fabrication, structural work, pipe welding and welding on hot-water heaters.

WELDING POSITIONS

- Downhand
- Horizontal flat
- Horizontal vertical

- Vertical up
- Overhead

CLASSIFICATIONS

- AWS A5.18 E70C-6M

AVAILABLE IN

- 1.2mm – 15kg spool pack

COMPOSITION	%
Carbon	0.12
Manganese	1.75
Silicon	0.9
Sulphur	0.03
Phosphorous	0.03
Chromium	0.2
Nickel	0.5
Molybdenum	0.30
Copper	0.5

MECHANICAL PROPERTIES	AS WELDED
Tensile strength	480 MPa
Yield strength	400 MPa
Elongation	22%

Product Category

1. Consumables
2. Metal-cored
3. Mig Wire
4. Mild Steel

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