

TAURUS 312L STAINLESS STEEL TIG RODS

Description

TAURUS TIG 312 rod has good oxidation resistance at high temperatures due to its high content of Chromium. The alloy is widely used for joining dissimilar steels, especially if one of the components is fully austenitic, and for steels that are difficult to weld, like for example machine components, tools and austenitic manganese steels.

WELDING POSITIONS

- Down hand • Horizontal flat • Horizontal vertical
- Vertical up • Overhead

AVAILABLE IN

- 1.6mm – 5kg pack
- 2.4mm – 5kg pack

CLASSIFICATIONS

- AWS A5.9 ER312
- EN ISO 14343-A W 29 9

COMPOSITION	%
Carbon	0.10
Manganese	1.60
Silicon	0.4
Sulphur	–
Phosphorous	–
Chromium	30.7
Nickel	8.8
Molybdenum	0.20
Copper	0.14

MECHANICAL PROPERTIES	AS WELDED
Tensile strength	770 MPa

Yield strength	610 MPa
Elongation	20%

Product Category

1. Consumables
2. Stainless Steel
3. Tig Rods

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