

TAURUS 316L STAINLESS STEEL TIG RODS

Description

TAURUS TIG 316L rod is used for molybdenum-bearing austenitic stainless steels with 1.5- 3 % molybdenum. Type 316/316L steels are widely used for its good resistance to pitting, many acids and general corrosion.

WELDING POSITIONS

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

CLASSIFICATIONS

- AWS A5.9 ER316L
- EN ISO 14343-A G/W 19 12 3 L
- EN ISO 14343-B SS 316L

AVAILABLE IN

- 1.2 x 1000mm – 5kg pack
- 1.6 x 1000mm – 5kg pack
- 2.0 x 1000mm – 5kg pack
- 2.4 x 1000mm – 5kg pack
- 3.2 x 1000mm – 5kg pack

COMPOSITION	%
Carbon	0.03 Max
Manganese	1.0 – 2.5
Silicon	0.3 – 0.65
Sulphur	0.03 Max
Phosphorous	0.03 Max
Chromium	18 – 20
Nickel	11 – 14
Molybdenum	2 – 3

Ferrite number	3 – 10

MECHANICAL PROPERTIES	**AS WELDED**
Tensile strength	605 MPa
0.2% Proof stress	465 MPa
Elongation on 4d	35 %
Impact energy at -130°C	> 100 J
Impact energy at -196°C	> 60 J

Product Category

1. Consumables
2. Stainless Steel
3. Tig Rods

Date Created
04 Aug 2025