

TAURUS 309L STAINLESS STEEL TIG RODS

Description

TAURUS TIG 309L rod is mainly used under high dilution conditions, particularly dissimilar welds between stainless and CMn steels. There are three main areas of application: buffer layers and clad steels, dissimilar joints and similar metal joints.

WELDING POSITIONS

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

CLASSIFICATIONS

- AWS A5.9 ER309L
- EN ISO 14343-A G/W 23 12 L
- EN ISO 14343-B SS 309L

AVAILABLE IN

- 1.6mm – 5kg pack
- 2.0mm – 5kg pack
- 2.4mm – 5kg pack
- 3.2mm – 5kg pack

COMPOSITION	%
Carbon	0.03 Max
Manganese	1.0 – 2.5
Silicon	0.3 – 0.65
Sulphur	0.02 Max
Phosphorous	0.02 Max
Chromium	12 – 14
Nickel	23 – 25
Ferrite Number	6 – 12

MECHANICAL PROPERTIES	AS WELDED
Tensile strength	590 MPa
0.2% Proof stress	450 MPa
Elongation on 4d	43 %
Elongation on 5d	41 %
Impact energy at +20°C	>200 J
Hardness	205 – 250 HV

Product Category

1. Consumables
2. Stainless Steel
3. Tig Rods

Date Created
04 Aug 2025