



## TAURUS PRO 309L STAINLESS STEEL ELECTRODES

### Description

TAURUS PRO 309L is a rutile, extra-low carbon-resistant electrode for welding corrosion resistant and heat resistant CR and CrNi steels. The high level of alloying elements also makes this electrode suitable for welding Cr and CrNi steel to mild steel. Very smooth weld with clean edge, low spatter loss and excellent slag removability.

### WELDING POSITIONS

- Flat
- Horizontal
- Vertical up
- Overhead

## CLASSIFICATIONS

- AWS A5.4 E 309L-16
- ISO 3581 E 23 12 LR 26
- DIN 8556 E 23 12 nC R 26

## AVAILABLE IN

- 2.6 x 300mm – 1kg pack
- 3.2 x 350mm – 1kg pack
- 4.0 x 350mm – 1kg pack

## COMPOSITION

	%
Carbon	0.03 %
Manganese	1.20 %
Silicon	0.70 %
Nickel	13.00 %
Chromium	25.00 %

## MECHANICAL

0.2% Proof stress  
Tensile strength

## AS WELDED

480 N/mm<sup>2</sup>  
600 N/mm<sup>2</sup>

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Elongation (5xd)	35 %
Reduction of area	40 %
Impact strength ISO-V@+20°C	60 Joule

**Product Category**

1. Consumables
2. Electrodes
3. Stainless Steel

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