WILKINSON STAR

WELD STAR®

DUAL CORE 308L-T0

Stainless CORED/FCAW

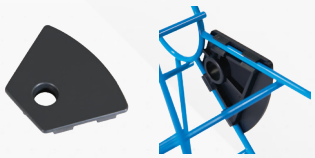
Standards

EN/ISO-Standard - 17633-A
EN/ISO-Classification - T 19 9 L R M21 3 / T 19 9 L R C1 3

AWS-Standard - A5.22
AWS-Classification - E308LT0-4 - E308LT0-1

Features and Applications

- Rutile flux cored stainless steel wire for gas-shielded arc welding.
- 19% chromium - 9% nickel - low carbon deposit.
- Exceptional resistance to moisture pick-up.
- Attractive bead appearance, very good penetration, excellent X-ray soundness.
- Maximum performance in the flat and horizontal positions.
- Service temperatures are typically -196°C to about 400°C.
- Precision layer wound for superior wire feeding characteristics.
- Suitable for welding stainless steels with an alloy content between 16 to 21% Cr and 8 to 13% Ni, stabilised or not.
- **Test Certificates can be found online @wilkinsonstar247.com**



Optional
Plastic Alignment Hole Clip
Order Code: BS300-CLIP

Approvals

CE, UKCA

Typical Base Materials

302, 304, 304L, 304LN, 305, 308, 321, 347, S30200, S30400, S30403, S20453, J92701, S30800, S32100, S34700, X12 CrNi 18 8, X5 CrNi 18-10, X2 CrNi 19-11, X2 CrNiN 18-10, GX10 CrNi 18-8, X4 CrNi 18-12, X6 CrNiTi 18-10, X6 CrNiNb 18-10*

* Illustrative, not exhaustive list

Welding Positions

EN ISO 6947 - PA, PB

Shielding Gases

EN ISO 14175 - C1, M21

Polarity

DC (+)

Welding Parameters

Ø mm	1.20
Current (A)	100-280
Voltage (V)	23-33

Mechanical Properties (Typical) - M21

Tensile Strength (N/mm^2)	Yield Strength (N/mm^2)	Elongation (%)	Impact Strength (J)	Test Temperature
560	400	40	32	-196°C

Mechanical properties are approximate and may vary based on the heat, shielding gas, welding parameters and other factors.

Chemical Composition % (Typical)

C %	Mn %	Si %	Cr %	Ni %	S %	P %
0.03	1.40	0.70	19.5	10.5	0.008	0.020

Packaging Data

Part No.	Diameter Ø (mm)	Package Weight (Kg)	Package Type	Pallet Quantity
3010201809	1.20	15	BS300 PLW	72

Liability: Whilst all reasonable efforts have been made to ensure the accuracy of the information contained, this information is subject to change without notice and can be only considered as suitable for general guidance.