

INERTROD 308LSi

TIG Rods Stainless and Heat resistant steels

Inertrod 308LSi is a stainless TIG rod similar in composition to ER 308LSi suitable for welding austenitic stainless steels such as AISI 304.

Classification	
AWS	A5.9: R308LSi
EN	12072: W 19 9 L Si

Approvals	Grades
DB	
TÜV	

see Appendix, Classification Society Approvals, for details pag. 521

Analysis of all-weld metal (Typical values in %)

C	Mn	Si	P	S	Cr	Ni	Mo	Nb	Cu	N	Ferrite
0.025	1.80	0.85	0.025	0.020	20	10.20	0.20	-	0.20	-	5-10

All-weld metal Mechanical Properties

Heat Treatment	Yield Strength N/mm ²	Tensile Strength N/mm ²	Elongation A5 (%)	Impact Energy ISO - V (J) 20°C	Hardness
As Welded	≥ 350	≥ 520	≥ 35	≥ 47	-

Gas test: Acc. To EN 439: I1(Arcal1)

Shielding Gas: Acc. To EN 439: I1(Arcal1)

Materials

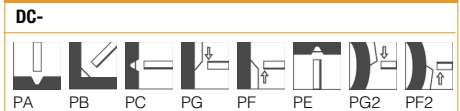
1.4541 (X6CrNiTi18-10); 1.4301 (X4CrNi18-10); 1.4311 (X2CrNiN18-10)

AISI 304 - 304L - 302

Storage

Keep dry and avoid condensation

Current condition and welding position



Packaging data: Tube 5 kg

Diameters (L: 1000 mm)	1,6	2,4	3,2			

Further forms of delivery on request.