



CEWELD 308LSi Tig

TYPE	High alloyed 308LSi Tig rod for welding CrNi 18/10 types.(1.4316, 19 9 LSi)							
APPLICATIONS	CEWELD 308LSiTig is for joint and overlay welding on like and similar type austenitic steels/cast steels in the following applications: Boilers, tanks, agriculture, liquid containers, food machinery, furniture..							
PROPERTIES	Austenitic filler metal for stabilized and non-stabilized CrNi steels. Heat resistant up to 350°C. Excelent toughness properties down to -196°C. Good resistance to nitric acid.							
CLASSIFICATION	AWS	A 5.9: ER308LSi						
	EN ISO	14343-A: W 19 9 L Si						
	F-nr	6						
	FM	5						
	W.Nr.	1.4316						
SUITABLE FOR	ISO 15608: 8.1 Austenit ≤ 19 % Cr 9%Ni ,TÜV 1000: Gr. 21 - 22 (29 max.350°C), 1.4301, 1,4306, 1.4307, 1.4308, 1.4311, 1.4312, 1.6900, 1.6901, 1.6902, 1.6903, 1.9606, 1.4541, 1.4546, 1.4550 X 5 CrNi 18 10, X 2 CrNi 19 11, X 5 CrNi 18 9, G-X 6 CrNi 18 9, X 12 CrNi 18 9, G-X 8 CrNi 18 10, X 6 CrNi 18 10, X 10 CrNiTi 18 10, X 5 CrNi 18 10 AISI 304, 304H, 312, 321H, 347, 347H, UNS S30409, S32109, S34709, S30400, S32100, S34700							
APPROVALS	TÜV (TÜV (12387.00)) CE DB (DB (43.206.02))							
WELDING POSITIONS								
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	C	Si	Mn	P	S	Cr	Ni	Mo
	0.016	0.77	1.92	0.015	0.012	20.1	10.1	0.09
ALL WELD MECHANICAL PROPERTIES	Heat Treatment	R _{P0,2} MPa	R _m MPa	A5 (%)	RT	Impact Energy (J) ISO-V		
	As Welded /	480	630	37	170	-60°C 150		-196°C 75
REDRYING TEMPERATURE	Not required							
GAS ACCORDING EN 14175	I1							



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308LSI TIG 0,8 X 1000MM	Type	KG/unit	EANCode
	Tube	5	8720663412294
308LSI TIG 1,0 X 1000MM	Type	KG/unit	EANCode
	Tube	5	8720663412324
	Tube	5	8720663412300
308LSI TIG 1,2 X 1000MM	Type	KG/unit	EANCode
	Tube	5	8720663412409
	Tube	5	8720663412331
308LSI TIG 1,6 X 1000MM	Type	KG/unit	EANCode
	Tube	5	8720663412416
308LSI TIG 2,0 X 1000MM	Type	KG/unit	EANCode
	Tube	5	8720663412430
308LSI TIG 2,4 X 1000MM	Type	KG/unit	EANCode
	Tube	5	8720663412454
308LSI TIG 3,2 X 1000MM	Type	KG/unit	EANCode
	Tube	5	8720663412478
308LSI TIG 4,0 X 1000MM	Type	KG/unit	EANCode
	Tube	5	8720663412485