CEWELD 308LSi Tig

certilas® THE FILLER METAL SPECIALIST

TYPE

High alloyed 308LSi Tig rod for welding CrNi 18/10 types.(1.4316, 19 9 LSi)

APPLICATIONS

CEWELD® 308LSi Tig 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

CEWELD® 308LSi Tig is a 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
W.Nr.	1.4316
F-nr	6
FM	5

SUITABLE FOR

ISO 15608: 8.1 Austenitic ≤ 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, 1.4543, 1.4546, 1.4550, 1.4561
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 302, 303, 304L, 304LN, ~304/304H, 312, 321H, 347, 347H, CF3, CF8,
UNS S30409, S32109, S34709, S30400, S32100, S34700

APPROVALS

TÜV: (12387), CE, DB: (43.206.02)

WELDING POSITIONS

TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

C	Si	Mn	P	S	Cr	Ni	Mo
0.016	0.75	1.9	0.015	0.012	20	10	0.1

MECHANICAL PROPERTIES

Heat Treatment	$R_{P0,2}$ (MPa)	Rm (MPa)	A5 (%)	Impact Energy (J) ISO-V		Hardness
				RT	-196°C	
As Welded	510	600	37	120	45	HRc

REDRYING

Not required

GAS ACC. EN ISO 14175

I1

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308LSI TIG 0,8 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663412294

308LSI TIG 1,0 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663412324
Tube	5	8720663412300

308LSI TIG 1,2 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663412409
Tube	5	8720663412331

308LSI TIG 1,6 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663412416

308LSI TIG 2,0 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663412430

308LSI TIG 2,4 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663412454

308LSI TIG 3,2 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663412478

308LSI TIG 4,0 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663412485