

EZ - TIG 308 LSi

CLASSIFICATION

HRN EN ISO 14343-A	AWS / ASME SFA-5.9	W. Nr.
W 19 9 L Si	ER308LSi	1.4316

DESCRIPTION AND APPLICATION

Austenitic stainless steel solid rod for gas tungsten arc welding of identical and similar (stabilized and unstabilized) 18/8 CrNi steels. Low carbon content insures a good resistance to intergranular corrosion. Higher silicon content improves welding characteristics.

Steel grade	HRN	DIN (W. Nr.)	ASTM / AISI	EN / ISO
High-alloy stainless steels of austenitic type, and austenitic steel cast	Č 4580	X5 CrNi 18 11 (1.4301)	304	X5CrNi18-10
	ČL 4571	G-X 10 CrNi 18 8 (1.4312)	-	GX10CrNi18-8
	Č 45701	X2 CrNi 19 11 (1.4306)	304 L	X2CrNi19-11
	ČL 45701	G-X6 CrNi 18 9 (1.4308)	-	GX5CrNi19-10
	Č 4582	X6 CrNiNb 18 10 (1.4550)	347	X6CrNiNb18-10
	ČL 4572	G-X5 CrNiNb 18 9 (1.4552)	-	GX5CrNiNb19-11
	Č 4572	X6 CrNiTi 18 10 (1.4541)	321	X6CrNiTi18-10

MECHANICAL PROPERTIES OF THE ALL-WELD METAL

R _{p0,2} N/mm ²	R _m N/mm ²	A ₅ %	KV (+20°C) J
> 320	> 510	> 30	≥ 80

APPROXIMATE CHEMICAL COMPOSITION OF THE ROD

	C	Mn	Si	Cr	Ni
%	≤ 0,02	1,95	0,8	20,0	10,0

SHIELDING GAS

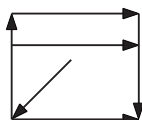
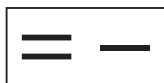
I1 (Ar)

PACKAGING

Rod diameter mm	Rod length mm	Weight of packaging kg
1,2; 1,6; 2,0; 2,4; 3,2	1000	5

APPROVALS

TÜV



Marking: EZ - 308 LSi / 1.4316