

EZ - TIG 307 Si

CLASSIFICATION

EN ISO	AWS / ASME	W. Nr.
14343-A	SFA-5.9	
W 18 8 Mn	~ ER307	1.4370

DESCRIPTION AND APPLICATION

Austenitic solid welding rod for TIG welding of identical and similar stainless steels, dissimilar joints, poor weldability steels and manganese steels. Also, the rod is used for welding of elastic buffer layer at hardfacing. The high proportion of manganese makes weld resistant to hot cracking, and the structure of the weld metal is fully austenitic.

MECHANICAL PROPERTIES OF THE ALL-WELD METAL

R _{p0.2} N/mm ²	R _m N/mm ²	A ₅ %	KV (+20°C) J
> 350	> 500	> 25	≥ 100

APPROXIMATE CHEMICAL COMPOSITION OF THE ROD

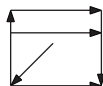
	C	Mn	Si	Cr	Ni
%	≤ 0,07	6,9	0,7	18,5	8,0

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



Marking: ER 307 / 1.4370