

# T-308LSi

For austenite stainless steel (Low carbon, 18%Cr-8%Ni STS)

## Classifications

EN ISO 14343-A:2009	: W 19 9 L Si	JIS Z 3321:2013	: YS308LSi
EN ISO 14343-B:2009	: SS 308L Si		
AWS A5.9-2012	: ER308L Si		

## Description

- TIG welding of 18%Cr-8%Ni austenite stainless steels (AISI STS 301, 302, 304)
- A various application of the petrochemical , nuclear power plant appratuese.

## Typical chemical composition of wire (%)

C	Si	Mn	Ni	Cr
0.01	0.85	1.68	9.89	19.63

## Typical mechanical properties of all-weld metal

	Y.S (MPa)	T.S (MPa)	El. (%)	IV (J)	
				0°C	-196°C
AWS A5.9		min. 520	min. 35		
EN ISO 14343	min. 320	min. 510	min. 30		
Example	472	538	47	174	98