

T-308

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

Classifications

EN ISO 14343-B:2009 : SS 308
 AWS A5.9-2012 : ER308

JIS Z 3321:2013 : YS308
 KS D 3696:2006 : STSY308

Description

- TIG welding of 18%Cr-8%Ni austenite stainless steels (AISI STS 301, 302, 304)
- A various application of the petrochemical , flesh water, medicine and fertilizer industrial apparatuses.

Typical chemical composition of wire (%)

C	Si	Mn	Ni	Cr
0.04	0.41	1.90	9.71	19.80

Typical mechanical properties of all-weld metal

	Y.S (MPa)	T.S (MPa)	El. (%)	IV (J) 0°C	-196°C
AWS A5.9		min. 550	min. 35		
EN ISO 14343	min. 350	min. 550	min. 30		
Example	390	599	37	210	40