

M-308

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

Classifications

EN ISO 14343-B:2009	: SS 308	JIS Z 3321:2013	: YS308
AWS A5.9-2012	: ER308	KS D 3696:2006	: STSY308

Description

- MIG 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	0.47	1.61	9.57	19.87

Typical mechanical properties of all-weld metal

	Y.S (MPa)	T.S (MPa)	El. (%)	0°C	IV (J) -105°C
AWS A5.9		min. 550	min. 35		
EN ISO 14343	min. 350	min. 550	min. 30		
Example	369	573	40	109	68