

# M-347

For austenite stainless steel (Low Carbon, 20%Cr-10%Ni-Nb STS)

## Classifications

EN ISO 14343-B:2009	: SS 347	JIS Z 3321:2013	: YS347
AWS A5.9-2012	: ER347	KS D 3696:2006	: STSY347

## Description

- MIG welding of 20%Cr-10%Ni-Nb austenite stainless steels (AISI STS 347, 321)
- A various application of chemical plant industrial apparatus.

## Typical chemical composition of wire (%)

C	Si	Mn	Ni	Cr	Nb+Ta
0.05	0.40	1.55	9.03	19.04	0.68

## Typical mechanical properties of all-weld metal

	Y.S (MPa)	T.S (MPa)	El. (%)	0°C	IV (J) -196°C
AWS A5.9		min. 520	min. 30		
EN ISO 14343	min. 350	min. 550	min. 25		
Example	467	674	40	123	31