

M-307Si

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

Classifications

EN ISO 14343-A:2009 : G 18 8 Mn

Description

- MIG welding of 18%Cr-8%Ni-7%Mn austenite stainless steels.
- It used for dissimilar steel such as austenitic manganese steel to carbon steel forgings.

Typical chemical composition of wire (%)

C	Si	Mn	Ni	Cr
0.07	0.64	6.79	8.91	18.79

Typical mechanical properties of all-weld metal

	Y.S (MPa)	T.S (MPa)	El. (%)	IV (J)	
				0°C	-40°C
EN ISO 14343	min. 350	min. 590	min. 25		
Example	436	619	42	111	77