

M-409Cb

For martensite stainless steel (12%Cr STS)

Classifications

EN ISO 14343-B:2009	: SS 409Nb	JIS Z 3321:2013	: YS409Cb
AWS A5.9-2012	: ER409Nb		

Description

- MIG welding of 12%Cr-Nb Martensite stainless steels. (AISI 409)
- It's used for front pipe and manifold of automobile exhaust system.

Typical chemical composition of wire (%)

C	Si	Mn	Ni	Cr	Nb+Ta
0.02	0.45	0.52	0.34	11.57	0.35

Typical mechanical properties of all-weld metal

	Y.S (MPa)	T.S (MPa)	El. (%)
AWS A5.9		min. 450	min. 20
EN ISO 14343	min. 250	min. 450	min. 15
Example	280	465	22