

# T-308L

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

## Classifications

EN ISO 14343-A:2009	: W 19 9 L	JIS Z 3321:2013	: YS308L
EN ISO 14343-B:2009	: SS 308L	KS D 3696:2006	: STSY308L
AWS A5.9-2012	: ER308L		

## Description

- TIG welding of 18%Cr-8%Ni austenite stainless steels (AISI STS 301, 302, 304)
- Various applications of petrochemical and nuclear power plant apparatus.
- WRC 1992 FN 3-8 (Chemical composition of wire)



## Typical chemical composition of all-weld metal (%)

C	Si	Mn	Ni	Cr
0.02	0.38	1.90	9.77	19.79

## Typical mechanical properties of all-weld metal

	Y.S.	T.S.	El.	IV (J)	
	(MPa)	(MPa)	(%)	0 °C	-196 °C
AWS A5.9		Min. 520	Min. 35		
EN ISO 14343	Min. 320	Min. 510	Min. 30		
Example	390	580	44	160	80

## Approvals

ABS	BV	DNV GL	LR	KR
ER308L	T-308L	VL 308L	304Lm	RY308LG(I)