

TASETO Welding Materials

Bare Stainless Steel Rods

For Gas Tungsten Arc Welding

TG308L

● Applicable Specification

JIS Z 3321 YS308L
AWS A5.9 ER308L

● Identification Color

End Face : Red

● Applications and Characteristics

TASETO TG308L is the welding material for Type 304 and Type 304L stainless steel. The resistibility to intergranular corrosion has been improved by decreasing the carbon content compare to TG308.

● Chemical Composition of Wire (%)

	C	Si	Mn	P	S	Ni	Cr	Mo	Cu
Typical	0.021	0.39	1.97	0.021	0.002	9.60	20.50	0.08	0.14

● Mechanical Properties of All Weld Metal

	0.2% Proof Stress (MPa)	Tensile Strength (MPa)	4D Elongation (%)
Typical	431	569	43.6

● Sizes Available and Recommended Welding Currents (DCEN)

Rod Diameter (mm)	0.8	0.9	1.0	1.2	1.6	2.0	2.4	2.6	3.2	4.0	5.0	6.0
Rod Length (mm)	1000											
Welding Current(A)	50~80		50~120			100~200			150~250		220~280	

*Rod Diameter 0.8, 0.9, 6.0 mm : Made to order products