

Gas Tungsten Arc Welding

MS T-308L Filler Rod for Stainless Steel

Applications Suitable for low carbon 18%Cr-8%Ni stainless steel. This filler metal reduces the possibility of intergranular carbide precipitation.

Brand Name		MS T-308L							
Representative of diameter (mm)	1.0	1.2	1.6	2.0	2.4	2.6	3.2	4.0	5.0
Chemical composition of length	1000 mm Standard or 950 mm Upon requested.								
Chemical composition of wire (%)	C	Si	Mn	P	S	Ni	Cr	Mo	-
	≤ 0.030	≤ 0.65	1.0-2.5	≤ 0.03	≤ 0.03	9.0-11.0	19.5-22.0	-	-
Mechanical property of deposited metal									
Tensile strength	≥ 500 N/mm ²								
0.2% Offset strength	≥ 205 N/mm ²								
Elongation	≥ 35 %								
Impact test	2mm Vnotch Impact value at -196 °C 39J								
Welding position	All position								
Welding polarity	DC-EN								
Shielding gas	Ar								
Welding current	Dia. 1.2 mm			Dia. 1.6 mm			Dia. 2.4 mm		
	30-80 A			40-120 A			50-150 A		
Packing									
Inner case weight (kg)	5.00								