

JIS Z3321 Y308
AWS A5.9 ER308
DIN 8556-SG 1.4302

Gas Tungsten Arc Welding

MS T-308 Filler Rod for Stainless Steel

Applications Suitable for 18%Cr-8%Ni stainless steel. Used to weld base metals of similar composition in particular type 304

Brand Name		MS T-308								
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	-
		≤ 0.08	≤ 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		≥ 540 N/mm ²								
0.2% Offset strength		≥ 225 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								