

Gas Tungsten Arc Welding

JIS Z3321 Y430
AWS A5.9 ER430
DIN 8556-SG 1.4015

MS T-430

Filler Rod for Stainless Steel

Applications

Suitable for welding of 430,405 stainless steel. The MS T-430 classification usually requires preheating and postweld heat treatment

Brand Name		MS T-430							
Representative of diameter (mm)	1.0	1.2	1.6	2.0	2.4	2.6	3.2	4.0	5.0
Representative of length	1000 mm Standard or 950 mm Upon requested								
Chemical composition of wire (%)	C	Si	Mn	P	S	Ni	Cr	Mo	-
	≤ 0.10	≤ 0.50	≤ 0.6	≤ 0.03	≤ 0.03	≤ 0.6	15.5-17.0	-	-
Mechanical property of deposited metal									
Tensile strength	≥ 450 N/mm ²								
0.2% Offset strength	-								
Elongation	≥ 20 %								
Impact test	NA								
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								