

JIS Z3321 Y430

AWS A5.9 -

DIN -

# Gas Tungsten Arc Welding

## MS T-430MR Filler Rod for Stainless Steel

Applications Suitable for 13-17 %Cr type stainless steel for thin plate in muffler welding

Brand Name		MS T-430MR							
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	Nb
	≤ 0.030	≤ 0.50	≤ 0.6	≤ 0.03	≤ 0.03	≤ 0.6	15.5-18.0	-	0.4-0.8
Mechanical property of deposited metal									
Tensile strength	≥ 450 N/mm <sup>2</sup>								
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								