JIS Z3321 Y310
AWS A5.9 ER310
DIN 8556-SG 1.4842

MS T-310 **Filler Rod for Stainless Steel**

Applications

Suitable for welding of similar composition (26.5%Cr-21%Ni) or clad part of a18%Cr-8%Ni stainless steel. Owing to the high contents of alloying elements, ductility maintained in welding of carbon steel where deposited metal is diluted by base metal steel.

Brand Name	**MS T-310**								
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	-
	≤ 0.15	≤ 0.65	1.0 - 2.5	≤ 0.03	≤ 0.03	20.0-22.5	25.0-28.0	-	-
Mechanical property of deposited metal									
Tensile strength	> 540 N/mm²								
0.2% Offset strength	> 225 N/mm²								
Elongation	> 35 %								
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	