

Gas Metal Arc Welding

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

MS M-430 Solid Wires for Stainless Steel

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

Brand Name		MS M-430							
Representative of diameter (mm)	0.8	0.9	1.0	1.2	1.6	-	-	-	-
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	Horizontal/Flat position								
Welding polarity	DC-EP								
Shielding gas	98%Ar - 2%O ₂								
Welding current	Dia.0.8 mm	Dia.0.9 mm	Dia.1.0 mm	Dia.1.2 mm	Dia.1.6 mm				
	80-180A	120-200A	140-250 A	170-300 A	200-350A				
Packing	12.50 kgs standard other packing weight can be provided upon request.								