

Gas Metal Arc Welding

JIS Z3321 Y16-8-2
AWS A5.9 ER16-8-2
DIN -

MS M-16-8-2 Solid Wires for Stainless Steel

Applications Suitable for type 16-8-2,316 and 347 for high-pressure high-temperature piping systems. The deposit also has good hot-ductility properties.

Brand Name		MS M-16-8-2							
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	≤ 0.65	1.0 - 2.5	≤ 0.03	≤ 0.03	7.5- 9.5	14.5 - 16.5	1.0 - 2.0	-
Mechanical property of deposited metal									
Tensile strength	≥ 550 N/mm ²								
0.2% Offset strength	≥ 225 N/mm ²								
Elongation	≥ 35 %								
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	140-250A	170-300A	200-350A				
Packing	12.50 kgs standard other packing weight can be provided upon request.								