

S-308Mo.16

Classification

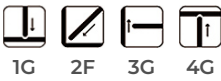
- AWS

A5.4/ASME SFA-5.4 E308Mo-16
- JIS

Z 3221 ES308Mo-16
- EN

ISO 3581- A E 20 10 3

Welding Positions



Features

- Easy to remove slag
- Smooth welding
- Low spatter

Polarity

AC or DC+

Application Areas

- Stainless steel (ASTM CF8M)

Redrying Conditions

350°C (662°F) X 1hr

Typical Chemical Composition of All-Weld Metal (wt%)

C	Si	Mn	P	S	Cu	Ni	Cr	Mo
0.03	0.65	0.8	0.025	0.015	0.04	9.6	18.5	2.2

Typical Mechanical Properties of All-Weld Metal

Tensile Strength MPa(ksi)	Elongation (%)
621(90)	42

Diameter / Welding Parameters / Packaging

Diameter mm(in)	Length mm(in)	F & HF	V-up, OH	Packaging
2.0 (5/64)	300 (12)	25~55	20~50	PVC - Packet 2.5kg(5.5lbs), Carton 10kg (22lbs)
2.6 (3/32)	300 (12)	50~85	45~80	
3.2 (1/8)	350 (14)	70~115	65~110	
4.0 (5/32)	350 (14)	95~145	85~135	
5.0 (3/16)	350 (14)	135~180	-	

SMAW

GTAW

FCAW

Metal-cored Wire

SAW Wire

SAW Flux