

E308-16

Conformance

AWS A5.4 E308-16

Typical Application

• Suitable for welding the corrosion resistant stainless steel structure

Mechanical Properties

Tensile Strength (MPa)	Elongation (%)
590	45

Chemical Composition %

C	Mn	Si	S	P	Cr	Ni	Mo	Cu
0.038	1.35	0.68	0.008	0.022	19.75	9.60	0.064	0.010

Reference

Diameter (mm)	2.0	2.5	3.2	4.0	5.0
Type of Current	DC ⁺				
Current(A)	40~80	50~100	70~130	100~160	140~200

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Conformance

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Typical Application

• Used in similar type stainless steel, dissimilar stainless steel and high chromium steel and high manganese steel.

Mechanical Properties

Tensile Strength (MPa)	Elongation (%)
595	40

Chemical Composition %

C	Mn	Si	S	P	Cr	Ni	Mo	Cu
0.055	1.45	0.70	0.009	0.021	24.25	12.75	0.035	0.10

Reference

Diameter (mm)	2.0	2.5	3.2	4.0	5.0
Type of Current	DC ⁺				
Current(A)	40~80	50~100	70~130	100~160	140~200