



TYPICAL APPLICATIONS

1. For welding AISI301, 302 and 304 types of stainless steel.
2. Widely used in food and chemical process industries.
3. Also used to weld steels with poor weldability

CHARACTERISTICS

1. All positional welding capability
2. Good bead finish and easy slag removal.
3. The weld metal has excellent resistance to corrosion and cracking and it has good creep strength.
4. X-ray quality weld bead
5. Super low carbon level helps eliminate carbide precipitation in high temperature service

CHEMICAL COMPOSITIONS (Wt%), ALL WELD METAL, TYPICAL

C	Mn	Si	S	P	Cr	Ni	Mo
0.03	1.61	0.53	0.008	0.035	19.21	9.2	0.05

MECHANICAL PROPERTIES, ALL WELD METAL, TYPICAL

Condition	Tensile Strength (Mpa)	Elongation (%)	Ferrite
AW	590	35	5.0%

Note: ① Rebake it at 350 degrees for 1 hour prior to use.

SIZE	AMPS
2.5mm	60-80A
3.2mm	80-120A
4.0mm	100-150A

STAINLESS STEEL WELDING ELECTRODE

INOX E308L-16

CLASSIFICATION

AWS A5.4 E308L-16
EN ISO 3581-A-E19 9 L R

PACKING SPECIFICATION

2kg Plastic Tube

CURRENT TYPE

AC/DC +

AVAILABLE SIZES (DIA./LENGTH)

2.5mm*300mm
3.2mm*350mm
4.0mm*350mm

EQUIVALENT TO

Lincoln Excalibur 308L-16
Esab Arcaloy 308L-16
Hyundai S-308L.16N
Kiswel KST-308L
Indura 308L