

KT-308H

Classification

AWS A5.9/A5.9M

ER308H

Applications and Features

- (1) Weld metal is austenite structure with 20%Cr-10%Ni.
- (2) Good strength at high temperature due to higher carbon content.
- (3) It is suitable for welding AISI 304 and 308H steel.

Typical Chemical Composition (wt%)

C	Si	Mn	P	S	Cr	Ni
0.06	0.38	1.69	0.009	0.011	20.23	10.04

Typical Mechanical Properties of Weld Metal (Shielding Gas : Ar)

Tensile Strength MPa	Yield Strength MPa	Elongation %
610	440	40

Sizes and Suggested Operating Range

Size mm	Current A	Gas Flow L/min	Shielding Gas
16	75- 100	25	Ar
24	150-200	25	Ar

Diam.	5 kg Tube
1.6mm	KT308H16
2.4mm	KT308H24

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