

Stainless steel MIG Wire/ TIG Rod

GM308L / GT308L

AWS A5.9 ER308L
JIS Z 3321 YS308L
ISO 14343-A-G 19 9 L
14343-A-W 19 9 L

Product Features:

- Low carbon content in weld metal to get good inter-granular corrosion resistance.

Applications:

- Suitable for welding of low carbon content 18%Cr-8%Ni stainless steel (SUS304 or SUS 304L).

Shielding gas:

- Ar+ 1~2% O₂ (MIG)
- 100%Ar (TIG)

Typical chemical composition of wire / rod (wt%)

C	Si	Mn	Ni	Cr	Fe
0.015	0.53	1.88	10.31	19.63	Bal.

Typical mechanical properties of all weld metal

Yield Strength N/mm ²	Tensile Strength N/mm ²	Elongation %	Impact value (-196°C) J
449	590	50	100

MIG Size (mm) & recommended welding parameters; DC+

Diameter (mm)	0.9/1.0	1.2	1.6
Current range (Amp)	70~200	90~250	200~300

TIG rod size diameter/length; DC-

Diameter (mm)	1.6	2.0	2.4/2.6	3.2
Length (mm)	1000	1000	1000	1000

Note:

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