

Stainless Steel MIG•TIG Wire/Rod

GM308 / GT308

AWS A5.9 ER308
JIS Z 3321 YS308
ISO 14343-B-SS308

Product Features:

- Good arc stability and easy to melt together with base metal.
- Austenite weld metal contains adequate ferrite numbers to provide low crack sensitivity.
- Good bead appearance.

Applications:

- Suitable for welding of SUS304, 302, 305.

Shielding gas:

- Ar+ 1~2% O₂ (MIG)
- 100%Ar (TIG)

Typical chemical composition of wire / rod (wt%)

C	Si	Mn	Ni	Cr	Fe
0.05	0.39	2.29	9.53	19.72	Bal.

Typical mechanical properties of all weld metal

Tensile Strength N/mm ²	Elongation %
620	42

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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