

Stainless Steel TIG Rod

GT630

AWS A5.9 ER630
JIS Z 3321 YS630
ISO 14343-B-SS630

Product Features:

- Precipitation hardening type stainless steel TIG wire.

Applications:

- Suitable for welding of 17-4 PH type corrosion and abrasion resistant steel.

Shielding gas:

- 100%Ar

Typical chemical composition of wire / rod (wt%)

C	Si	Mn	Ni	Cr	Cu	Nb
0.02	0.38	0.37	4.58	16.12	3.34	0.22

Typical mechanical properties of all weld metal

Tensile Strength N/mm ²	Elongation %	Post Weld Heat Treatment (PWHT)
1100	15	1030°C × 1hr Air Temperature + 620°C × 4hr Air Temperature

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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