



ANSI / AWS A5.12M - 98
ISO 6848

Annealed Tungsten Electrode



Advantageous

- 2% thoriated tungsten contain a nominal 2 wt % of thorium oxide (ThO₂)
- The most common type of electrode used today
- Provides excellent resistance from weld pool contamination
- offers the welder easier arc starting capabilities and a more stable arc
- Generally used for DC electrode negative or straight polarity applications such as Carbon, Stainless steels, Nickel alloys and Titanium

WT 20 : 2 % Thoriated Tungsten Electrode

Item Code	Diameter	MoQ
208.23.001	1.6 mm	10 Pcs
208.23.002	2.4 mm	10 Pcs
208.23.003	3.2 mm	10 Pcs
208.23.004	4.0 mm	10 Pcs

Advantageous

- Contain a minimum of 99.5 wt % tungsten with no other alloying elements
- Allows the tip to form a clean, balled end which provides good arc stability
- Can be used with DC but not easy for arc starting
- Generally used in the welding of Aluminum and Magnesium alloys (AC)

WP : Pure Tungsten Electrode

Item Code	Diameter	MoQ
208.23.005	1.6 mm	10 Pcs
208.23.006	2.4 mm	10 Pcs
208.23.007	3.2 mm	10 Pcs
208.23.008	4.0 mm	10 Pcs

Advantageous

- Similar to Thoriated Tungsten
- Welders can easily replace the radioactive material from Thoriated with this tungsten without changing welding programs
- Less tip erosion
- Suitable for DC and AC Welding

WL 15 : 1.5 % Lanthanated Tungsten Electrode

Item Code	Diameter	MoQ
208.23.009	1.6 mm	10 Pcs
208.23.010	2.4 mm	10 Pcs
208.23.011	3.2 mm	10 Pcs