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# TUNGSTEN EL. 1.6MM. 10PCS

Product group: 197      Product number: 674710

Tungsten electrode 1.6mm 10 pcs alloyed for TIG Welding of various base materials including AC or DC welding capable, best performance in DC welding.



## Product information

This product supersedes product no: 302711

Thoriated TIG welding electrodes with 2 % thorium oxide (colour code red) are currently the most widely used electrodes worldwide. Thorium is however a radioactive element and as such represents a potential danger to health and environment. Thorium is a so-called "a-emitter," but when enclosed in a tungsten matrix, the "a" radiation emitted externally is negligible.

The danger to the welder arises when thorium oxide gets into the respiratory canals. This problem can occur during welding (vapours) as well as when grinding the electrode tip (grinding dust). In the near future, more stringent legal regulations regarding production, use and disposal of thoriated electrodes are expected. It is expected that TIG-welding electrodes containing thorium will disappear from the market in the foreseeable future, especially as an environmentally friendly and technically better solution is already available.

### Features

- Unitor tungsten electrodes are alloyed with Lanthanum (colour code gold) and are sold in sturdy boxes of 10 pcs
- Can be transported, stored and disposed of without legal restrictions
- Suitable for welding all materials - Its an all purpose tungsten electrode that works on carbon steels, stainless steel, nickel alloys, aluminum, magnesium, titanium, cobalt, copper alloys, etc.
- Better ignition performance than thorium alloyed type electrodes

### Benefits

- Environmentally friendly - no radioactive components
- Low burn off rate, longer service life
- Standardised in national and international norms (ISO 6848, EN 26848, AWS A5.12, JIS Z3233)

## Specification

### General

Invent Hazard Material (IMO/IU) classification	NA
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## Documents

[SDoC and MD for IHM](#)

## Related products

Is accessory to

- 607810**  
TIG TORCH ACCESSORIES KIT
- 150000**  
TIG TORCH T-150 W.DIX25 CONNECTOR
- 200000**  
TIG TORCH T-200 W.DIX70 CONNECTOR

Is frequently bought together with

- 510010**  
REGULATOR 510 AR/CO2 FLOW 0-35L/MIN
- 632794**  
TIG GLOVES. 6 PAIRS
- 674736**  
TUNGSTEN EL. 2.4MM 10PCS

