



## TAURUS ZIRCONIATED TUNGSTEN ELECTRODES

### Description

ZIRCONIATED tungsten electrodes exhibit good performance characteristics in AC welding, especially under high-load current. These electrodes can retain a balled end when welding, which results in less tungsten permeation and good corrosion resistance. It balls up well in AC welding and has a more stable arc than pure tungsten. Displays excellent performance in high load AC welding. Not replaceable by any other electrodes. Resists contamination well in AC welding.

### APPLICATION

ZIRCONIATED tungsten is most commonly used for AC welding of aluminium and magnesium alloys. Preferred when tungsten contamination of weld is intolerable.

### CLASSIFICATIONS

AWS EWZr-1

### TYPICAL ELECTRODE CURRENT GUIDELINE

| TUNGSTEN SIZE | AC          |
|---------------|-------------|
| 1.6 mm        | 60 – 150 A  |
| 2.4 mm        | 100 – 225 A |
| 3.2 mm        | 160 – 325A  |

## POLARITY GUIDELINES

| MATERIAL WELDED | CURRENT |
|-----------------|---------|
| Aluminium       | AC      |
| Magnesium       | AC      |

## SIZES AVAILABLE

| PRODUCT CODE | TIP COLOUR | SIZE (mm) | UNITS PER PACK |
|--------------|------------|-----------|----------------|
| TEL.16.ZC    | WHITE      | 1.6 x 150 | 10             |
| TEL.24.ZC    | WHITE      | 2.4 x 150 | 10             |
| TEL.32.ZC    | WHITE      | 3.2 x 150 | 10             |

## Product Category

1. Tig & Accessories
2. Tungsten Electrodes

## Date Created

07 Aug 2025