**TUNGSTEN ELECTRODES**

Lanthananted • Ceriated • WX Multi-Oxide

**KEY FEATURES**

**Lanthanated Tungsten:**
- Lanthanated tungsten has excellent arc starting, a low burnoff rate, good arc stability, and excellent re-ignition characteristics.
- Works best at medium to high amperage range.

**Ceriated Tungsten:**
- Ceriated tungsten has excellent arc starts at low amperages, improved arc stability, and reduced rate of burn-off.
- Works best at low amperage range.

**WX Multi-Oxide Tungsten:**
- The WX Multi-Oxide tungsten is made from a combination of non-radioactive oxides, and has good arc stability and electrode life. This type of tungsten typically runs cooler, and provides fast consistent arc starts.
- Works best low to medium amperage range.

**CONFORMANCES**

AWS A5.12/A5.12.2009:
- AWS: EWLa-2 (Lanthanated) Colour Code: Blue
- AWS: EWCe-2 (Ceriated) Colour Code: Grey
- AWS: EWG (WX Multi Oxide) Colour Code: Purple

**TYPICAL APPLICATIONS**

**Lanthanated Tungsten:**
- Lanthanated electrodes are often used as a non-radioactive substitute for Thoriated tungsten.
- They work well on AC or DC applications.

**Ceriated Tungsten:**
- This product is popular in applications such as pipe fabricating, thin sheet metal work, and tasks involving small parts.
- These electrodes work best in lower amperage DC welding.

**WX Multi-Oxide Tungsten:**
- Can be used for both AC and DC applications.
- This product is a good substitute for Thoriated tungsten.

**DIAMETERS / PACKAGING**

<table>
<thead>
<tr>
<th>Diameter In (mm)</th>
<th>Length In (mm)</th>
<th>Quantity per pack</th>
<th>Lanthanated Part Numbers</th>
<th>Ceriated Part Numbers</th>
<th>WX Multi Oxide Part Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/16 (1.6)</td>
<td>7&quot; (178mm)</td>
<td>10 electrodes</td>
<td>CK3511-116</td>
<td>CK3512-116</td>
<td>CK3513-116</td>
</tr>
<tr>
<td>3/32 (2.4)</td>
<td>7&quot; (178mm)</td>
<td>10 electrodes</td>
<td>CK3511-332</td>
<td>CK3512-332</td>
<td>CK3513-332</td>
</tr>
<tr>
<td>1/8 (3.2)</td>
<td>7&quot; (178mm)</td>
<td>10 electrodes</td>
<td>CK3511-18</td>
<td>CK3512-18</td>
<td>CK3513-18</td>
</tr>
</tbody>
</table>
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