**TIG/Gas Rods**

**Stainless Steel TIG Welding Rod - 309L-16**

Similar usage as 309, but the 0.04% maximum carbon content increases resistance to intergranular corrosion.

**Mild Steel Welding Rod - ER70S-6**

Harris’ ER70S-6 TIG rod is a general purpose welding wire for fabrication of mild steel. Contains more deoxidizers than ER70S-3. The additional deoxidizers also provide better wetting, giving a flatter bead shape and the capability of faster travel speeds.

**Length - 12”**

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<th>Weight</th>
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<td>Box</td>
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<td>0864020</td>
<td>3/32”</td>
<td>36”</td>
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**Length - 14”**

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**Length - 36”**

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<tr>
<td>0864059</td>
<td>1/8”</td>
<td>14”</td>
<td>Box</td>
<td>10 lb</td>
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</tbody>
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**Mild Steel Welding Rod - 7018**

Harris’ 7018 mild steel electrodes are a high deposition electrode for low and medium carbon steels. It is an efficient, iron powder, low hydrogen electrode with excellent mechanical properties; crack resistance; and X-ray quality welds. This electrode offers a quiet, stable, low penetration, spatter-free arc. The moderately heavy slag is easy to remove, revealing a bead with distinct ripples. Operator appeal is a plus factor.

**Stainless Steel Welding Rod - 316L**

Used principally for welding molybdenum - bearing austenitic alloys containing 0.03% maximum carbon.

**Welding Rod**

**Mild Steel Welding Rod - 6011**

6011 mild steel electrodes are a versatile, deep penetrating steel electrode with smooth, stable arc characteristics. It’s used for the welding of mild steels, galvanized and some low alloy steels. The coating produces a forceful, spray-type arc, resulting in deep penetrating welds. The slag is thin and easily removable.

**Mild Steel Welding Rod - 6013**

Harris’ 6013 mild steel electrodes are a general purpose electrode for mild steel which produces a smooth, quiet, medium penetrating arc that is readily maintained with minimal spatter loss. The slag lifts easily, revealing a finely rippled bead contour. This quick freezing slag gives optimum performance in vertical-down welding. Ideally suited for general purpose welding, even with small AC power sources having low open-circuit voltage.

**Mild Steel Welding Rod - 7018**

Harris’ 7018 mild steel electrodes are a high deposition electrode for low and medium carbon steel. It is an efficient, iron powder, low hydrogen electrode with excellent mechanical properties; crack resistance; and X-ray quality welds. This electrode offers a quiet, stable, low penetration, spatter-free arc. The moderately heavy slag is easy to remove, revealing a bead with distinct ripples. Operator appeal is a plus factor.

**Mild Steel Welding Rod - E7018**

Great for jobs on mild steel and some high-strength low-alloy steels. It also tolerates high sulfur and high silicon steels, which have poor weldability. Features higher tensile strength for the stress-relieved properties.

Ideally used on structural steel and bridges. Use on cold rolled steel or hard-to-weld steels.

**Mild Steel Fleetweld® 47 Welding Rod - 7014**

Fleetweld® 47 features high deposition rates for fast performance. Operators love this easy-to-use, all-position electrode! Choose Fleetweld® 47 for sheet metal lap joints and fillet welds, general purpose plate welding and maintenance jobs.

**Mild Steel Fleetweld® 35 Welding Rod - 7014**

Great for jobs on mild steel and some high-strength low-alloy steels. It also tolerates high sulfur and high silicon steels, which have poor weldability. Features higher tensile strength for the stress-relieved properties.

Ideally used on sheet metal. In-plant pipe welding or steel with moderate surface contaminants.

**Mild Steel Excalibur® Welding Rod - 7018-1**

When the job involves critical, out-of-position welding, reach for Lincoln Electric’s Excalibur® 7018-1 MR. It offers a beautifully clean weld puddle, uniform slag follow and superior wash-in with no undercutting. Also great for welding on steels with marginal weldability.

- Premium arc performance
- Square coating burn-off
- Effortless slag removal
- Easy strike and re-strike
- Impact toughness tested to -46˚C (-50˚F)

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