

Welding Wire Cont.

Mild Steel Welding Wire - ER80S-D2

Harris' ER80S-D2 (GMAW) MIG LOW ALLOY CR-MO WIRES Contains a high level of deoxidizers (Mn and Si), also Molybdenum for increased strength. Suitable for single and multi-pass welding of a variety of carbon and low alloy steels.



Specifications: AWS 5.28, ER80S-D2.

- ER80S-D2 is recommended for welding 4130 chrome-moly tubing if a higher strength, less ductile weld is required.

Suitable for single and multi-pass welding of a variety of carbon and low alloy steels.

Part No.	Wire Diameter	Core Type	Weight
0864249	0.035"	Solid	33 lb

Mild Steel Welding Wire - ER70S-3

Usually used with 75/25 (argon/CO2) shielding gas or with higher contents of argon, such as 90/10. Can also be used with 100% CO2.

- Conforms to AWS A5.18
- Smooth, clean surface
- Minimal spatter
- Easy slag removal

Part No.	Wire Diameter	Core Type	Weight
0864329	0.035"	Solid	44.0 lb

Mild Steel Welding Wire - ER70S-6

Usually used with 75/25 (argon/CO2) shielding gas or with higher contents of argon, such as 90/10. Can also be used with 100% CO2.

- Conforms to AWS A5.18
- Smooth, clean surface
- Minimal spatter
- Easy slag removal

Part No.	Wire Diameter	Core Type	Weight
0864349	0.030"	Solid	33.0 lb
0864358	0.035"	Solid	33.0 lb
0864361	0.035"	Solid	44.0 lb
0864371	0.045"	Solid	44.0 lb

Flux Core Welding Wire - E-71T-GS

It can be used in most carbon steel applications and welds especially well on galvanized sheet metal.

- AWS A5.20
- Self-shielding (no shielding gas needed)

Part No.	Wire Diameter	Core Type	Weight
0864377	0.030"	Flux	10.0 lb

Flux Core Welding Wire - E71T-1/E71-T-1M

Designed for welding low carbon and mild steel, structural and pressure vessel grades.

- Conforms to AWS A5.20
- Produces a fast-freezing slag that facilitates out of position welds
- Bead contour is flat to slightly convex
- Slag is easy to remove
- Low spatter
- Easy post weld cleaning

Part No.	Wire Diameter	Core Type	Weight
0865164	0.063"	Flux	33.0 lb
0865165	0.035"	Flux	33.0 lb
0865166	0.045"	Flux	33.0 lb
0865167	0.045"	Flux	60.0 lb

Welding Rod

Maintenance Welding Rods B-3000



B-3000 is the perfect choice when joining dissimilar metals. B-3000 can be used for the repair and joining of all ferrous steels including high-alloy, stainless and tool steels. It can be used in all positions to produce smooth, porosity free welds without undercut or splatter.

- Repair of tools, dies, springs, carbon steels and pressure vessels.

Part No.	Diameter	Container Type	Weight
0844256	3/32"	Box	0.24 lb
0844257	1/8"	Box	0.24 lb

Maintenance Welding Rods B-1000

B-1000 is an all purpose welding electrode that can be used for all general mild steel welding applications. It can be used in all positions on AC or DC straight polarity welding current. It's self lifting slag property and ease of handling make this an excellent electrode.

Part No.	Diameter	Container Type	Weight
0844251	5/64"	Box	1 lb
0844252	3/32"	Box	1 lb
0844253	1/8"	Box	0.54 lb

Maintenance Welding Rods B-4000

B-4000 is a high nickel content electrode with an extruded coating for welding cast irons to themselves, as well as joining them to mild and stainless steels. Welds are produced easily in all positions and deposits are readily machined.

Part No.	Diameter	Container Type	Weight
0844258	3/32"	Box	0.24 lb
0844259	1/8"	Box	0.24 lb

Maintenance Welding Rods B-5000

B-5000 rod can be used to weld cast irons to themselves or for joining cast iron to steel. It produces a dense, moderately hard, crack-resistant weld that requires carbide-tipped tools for machining. Recommended when the weld deposit does not need machining.

AWS Specification A5.15.

Part No.	Diameter	Container Type	Weight
0844260	3/32"	Box	0.24 lb
0844261	1/8"	Box	0.20 lb

Maintenance Welding Rods B-6000

B-6000 is a universal aluminum electrode for arc welding aluminum alloys. The arc is stable and operates at low temperatures with a minimum of spatter and fuming. The welds are strong, dense and free of porosity on both production and maintenance applications. BD-6000 is a great choice when welding heat-treated aluminum parts. This rod may also be used in brazing applications.

Part No.	Diameter	Container Type	Weight
0844262	3/32"	Box	0.22 lb
0844263	1/8"	Box	0.22 lb

Maintenance Welding Rods B-7000

B-7000 is a general purpose hard-facing electrode that can be used for impact and abrasion overlay applications. It is easy to apply and can be used in single or multi-pass operations. Typical hardness as welded: 57-61 Rc.

Part No.	Diameter	Container Type	Weight
0844264	3/32"	Box	0.60 lb
0844265	1/8"	Box	1.0 lb