Nickel Chrome-Moly Alloy Steel Electrodes and Wires

The ultimate thermo-reactive welding alloy for use with 400 Series martensitic stainless steels, such as 410, 416, 420 and chromium-molybdenum steels.

Superior Advantages

- Produces smooth, dense, porosity- and crack-free weld deposits
- Resistant to moderate corrosion and heat scaling (up to 1,200°F)
- Hard with excellent machinability
- Ideally suited for high temperature applications (up to 800°F)

Applications

- Tubular frames and roll bars
- Forging dies
- Fractured tools and blades
- Shaft buildup
- Bearing surfaces
- Metal-to-metal wear

340 Electrode

Tensile Strength: 140,000 PSI
Elongation: 25%
Hardness: Rc 40
Polarity: DC Reverse

Dia. (Inches)	Amps	Part No.	Pkg. Qty. (Lbs.)
3/32	60 – 90	**CW1028**	5
1/8	85 – 120	**CW1029**	5
5/32	95 – 140	**CW1030**	5

340T TIG Wire

Tensile Strength: 140,000 PSI
Elongation: 25%
Hardness: Rc 40
Polarity: DC Straight
Gas: 100% Ar

Dia. x Length (Inches)	Part No.	Pkg. Qty. (Lbs.)
.035 x 36	**CW1972**	2
1/16 x 36	**CW1973**	2
3/32 x 36	**CW1988**	2

340M MIG Wire

Tensile Strength: 140,000 PSI
Elongation: 25%
Hardness: Rc 40
Gas: 98% Ar, 2% O_2

Dia. (Inches)	Part No.	Pkg. Qty. (Lbs.)
.035	**CW3430**	25
.045	**CW3431**	25

Chrome-Moly Alloy Steel Electrodes and Wires

Specially formulated for welding P-mold steels and most chrome-moly alloy steels.

Superior Advantages

- Crack-resistant
- Premium operability
- High wear resistance

Applications

- Die-casting dies
- Injection molds
- Compression molding of plastics and chrome-moly steels like AISI 4130, 4140, 8620 and 8640

"P" Series, Mold Steels and Chrome-Moly Steels

349 Electrode

Tensile Strength: 89,700 PSI
Yield Strength: 73,400 PSI
Elongation: 26%
Hardness: Rc 33-36
Polarity: DC Reverse

Dia. (Inches)	Amps	Part No.	Pkg. Qty. (Lbs.)
3/32	60 – 90	**CW4852**	5
1/8	100 – 140	**CW4853**	5
5/32	130 – 180	**CW4854**	5

349T TIG Wire

Tensile Strength: 89,700 PSI
Yield Strength: 73,400 PSI
Elongation: 26%
Hardness: Rc 33-36
Polarity: DC Straight
Gas: 100% Ar

Dia. x Length (Inches)	Part No.	Pkg. Qty. (Lbs.)
.020 x 18	**CW4841***	25 (pcs.)
.035 x 36	**CW1986**	1
1/16 x 36	**CW1979**	2
3/32 x 36	**CW1980**	2
1/8 x 36	**CW1981**	2

**Micro alloy size*