Maximum Strength Carbon Steel Controlled Hydrogen Electrodes and Wires

Provides crack-free and porous-free welds on high-strength, carbon and cast steels.

Superior Advantages

- Saves Time
  - Fast deposition rate
  - Pass-over-pass with minimal slag chipping
- Easy-to-Use
  - All-position welding
  - Will not undercut or spatter

Applications

- Structural components – H- and I-beams, frames and bridges
- Heavy construction and earthmoving equipment – dozer blades, bucket teeth and booms
- Boilers, vats, pressure tanks and pipes
- Tools and fixtures
- T-1, Hy80 and Cor-Ten steels

Certanium® Alloys

705 Electrode

Tensile Strength: Up to 130,000 PSI
Yield Strength: Up to 112,000 PSI
Elongation: Up to 24%
Polarity: AC or DC Reverse

Dia. (Inches)	Amps (Flat)	Amps (Vertical)	Amps (Overhead)	Part No.	Pkg. Qty. (Lbs.)
3/32	65 – 110	65 – 90	65 – 100	**P12211**	10
1/8	110 – 160	100 – 140	100 – 140	**P12370**	10
5/32	140 – 220	120 – 170	140 – 200	**P12380**	10
3/16	230 – 290	200 – 250	230 – 270	**P12390**	5

705M MIG Wire

Tensile Strength: 107,000 PSI
Yield Strength: 94,000 PSI
Elongation: 23%
Hardness: 21 HRC
Gas: 75% Ar, 25% CO_2 or 98% Ar, 2% O_2

Dia. (Inches)	Part No.	Pkg. Qty. (Lbs.)
.035	**P19468**	33

Cronatron Alloys

375 Electrode

Tensile Strength: 140,000 PSI
Yield Strength: 120,000 PSI
Elongation: 18%
Hardness: Rc 20-25
Polarity: AC or DC Reverse

Dia. (Inches)	Amps	Part No.	Pkg. Qty. (Lbs.)
3/32	60 – 100	**CW1053**	10
1/8	100 – 130	**CW1052**	10
5/32	130 – 170	**CW1051**	10

375M MIG Wire

Tensile Strength: 110,000 PSI
Yield Strength: 95,000 PSI
Elongation: 22%
Gas: 75% Ar, 25% CO_2 or 98% Ar, 2% O_2

Dia. (Inches)	Part No.	Pkg. Qty. (Lbs.)
.035	**CW5147**	2
.035	**CW1933**	33
.045	**CW1934**	33
.062	**CW1935**	44

375M-FC MIG Wire

Tensile Strength: 105,000 PSI
Yield Strength: 93,000 PSI
Elongation: To 21%
Gas: 75% Ar, 25% CO_2

Dia. (Inches)	Part No.	Pkg. Qty. (Lbs.)
.045	**CW2060**	10
.045	**CW2061**	33
1/16	**CW2062**	33