Duplex Stainless Steel Wires

Duplex stainless steel combines the best of austenitic and ferritic stainless steels, providing increased yield strength and resistance to stress-corrosion cracking (SCC).

Superior Advantages

- Excellent corrosion resistance
- Resistance to stress-corrosion cracking
- High strength
- Superior operability

Applications

- Chemical processing equipment
- Pulp and paper manufacturing machinery

Cronatron Alloys

3220T TIG Wire

Tensile Strength: 109,000 PSI
Yield Strength: 87,000 PSI
Elongation: 25%
Polarity: DC Straight
Gas: 100% Ar

Dia. x Length (Inches)	Part No.	Pkg. Qty. (Lbs.)
1/16 x 36	**CW3607**	2
3/32 x 36	**CW3608**	2
1/8 x 36	**CW3609**	2

Martensitic Stainless Steel Electrodes and Wires

Specially formulated for welding the 400 Series martensitic stainless steels such as 410, 416 and 420. Primary alloying elements are chromium, nickel and molybdenum so it can also be used on chrome-moly tool 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 (800°F)

Applications

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

Cronatron Alloys

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