Pure Copper, Bronze and Dissimilar Electrodes and Wires

An assortment of alloys for various copper, brass and bronze repairs.

Superior Advantages
- Corrosion-resistant
- Excellent color matches
- Highly versatile

Applications
- Steel to copper repairs
- Galvanized steel
- Bronze valves and fittings

Cronatron Alloys

667 Electrode
Pure copper for high electrical conductivity

Tensile Strength: 35,000 PSI
Elongation: 50%
Hardness: Rb 50-70
Polarity: DC Reverse

Dia. (Inches)	Amps	Part No.	Pkg. Qty. (Lbs.)
1/8	100 – 130	**CW1868**	5
5/32	140 – 170	**CW1867**	5

665T TIG Wire
Bronze/Dissimilar

Tensile Strength: 58,000 PSI
Hardness: Rb 60
Polarity: AC or DC Straight
Gas: 100% Ar

Dia. x Length (Inches)	Part No.	Pkg. Qty. (Lbs.)
1/16 x 36	**CW1841**	5
3/32 x 36	**CW1840**	5
1/8 x 36	**CW1839**	5

665M MIG Wire
Bronze/Dissimilar

Tensile Strength: 58,000 PSI
Hardness: Rb 60
Gas: 100% Ar

Dia. (Inches)	Part No.	Pkg. Qty. (Lbs.)
.035	**CW5123**	2
.035	**CW5122**	10
.035	**CW1768**	30

Aluminum Bronze Electrodes and Wires

Welds most ferrous and non-ferrous metals and joins most combinations of dissimilar metals (except white metals).

Superior Advantages
- Tough, crack-free, machinable welds
- Easy arc control with little preheat
- High frictional wear resistance
- High strength

Applications
- Brass, bronze or cast iron to steel
- Gear teeth, valves and castings
- Impellers, cams and shafts

Certanium® Alloys

425 Electrode

Tensile Strength: Up to 100,000 PSI
Yield Strength: Up to 63,000 PSI
Elongation: Up to 35%
Hardness: 200 BHN, as welded
Polarity: DC Reverse

Dia. (Inches)	Amps (Flat or Overhead)	Amps (Vertical)	Part No.	Pkg. Qty. (Lbs.)
1/8	90 – 125	80 – 110	**P12930**	5
5/32	120 – 150	90 – 140	**P12935**	5

Cronatron Alloys

625 Electrode

Tensile Strength: 110,000 PSI
Hardness: Rc 21-23
Polarity: DC Reverse

Dia. (Inches)	Amps	Part No.	Pkg. Qty. (Lbs.)
3/32	50 – 75	**CW1859**	5
1/8	100 – 120	**CW1045**	5
5/32	120 – 140	**CW1044**	5
3/16	140 – 180	**CW1043**	5

625T TIG Wire

Tensile Strength: 110,000 PSI
Hardness: Rc 21-23
Polarity: DC Straight
Gas: 100% Ar

Dia. x Length (Inches)	Part No.	Pkg. Qty. (Lbs.)
1/16 x 36	**CW3266**	1
3/32 x 36	**CW3267**	1
1/8 x 36	**CW3268**	1

625M MIG Wire

Tensile Strength: 110,000 PSI
Hardness: Rc 21-23
Gas: 100% Ar

Dia. (Inches)	Part No.	Pkg. Qty. (Lbs.)
.035	**CW5166**	10
.045	**CW5167**	10