Dissimilar Steel Electrodes and Wires

All-position alloys for joining dissimilar steels – provides high-strength, crack-free welds on all combinations of weldable steel.

Superior Advantages

- Takes the guesswork out of alloy selection – can be used on ANY weldable steel
- High strength and elongation provide strong, crack-free welds
- Smooth, quiet arc, easy slag release

Applications

- Automotive and trucking
- Rotors, blades and augers
- Pump and cast steel housings
- Broken stud removal
- Tool steels

CW3030

Certanium® Alloys

707 Electrode

Tensile Strength: 120,000 PSI
Yield Strength: Up to 96,000 PSI
Elongation: 20%
Hardness: Rc 20-23
Polarity: AC or DC

Dia. (Inches)	Amps	Part No.	Pkg. Qty. (Lbs.)
1/16	25 – 50	**P12655A**	2
1/16	25 – 50	**P12655**	4
5/64	40 – 75	**P12720A**	5
5/64	40 – 75	**P12720**	10
3/32	60 – 90	**P12565A**	5
3/32	60 – 90	**P12565**	10
1/8	90 – 130	**P12610A**	5
1/8	90 – 130	**P12610**	10
5/32	110 – 160	**P12705A**	5
5/32	110 – 160	**P12705**	10
3/16	140 – 190	**P12710A**	5
3/16	140 – 190	**P12710**	10

707M MIG Wire

Tensile Strength: 120,000 PSI
Yield Strength: Up to 96,000 PSI
Elongation: 20%
Hardness: Rc 20-23
Gas: 98% Ar, 2% O_2 or 90% He, 7.5% Ar, 2.5% CO_2

Dia. (Inches)	Part No.	Pkg. Qty. (Lbs.)
.035	**P19518**	2
.035	**P19474**	10
.035	**P19472**	30

707T TIG Wire

Tensile Strength: 120,000 PSI
Yield Strength: Up to 90,000 PSI
Elongation: 20%
Hardness: Rc 20-23
Polarity: DC Straight
Gas: 100% Ar

Dia. x Length (Inches)	Part No.	Pkg. Qty. (Lbs.)
.035 x 36	**P19512**	3
1/16 x 36	**P14056**	3
3/32 x 36	**P14061**	3
1/8 x 36	**P19511**	3

Cronatron Alloys

333 Electrode

Tensile Strength: 125,000 PSI
Yield Strength: 100,000 PSI
Elongation: Up to 35%
Hardness: 235 BHN
Polarity: AC or DC Reverse

Dia. (Inches)	Amps	Part No.	Pkg. Qty. (Lbs.)
1/16	30 – 45	**CW1877**	5
3/32	60 – 90	**CW1049**	5
1/8	80 – 120	**CW1048**	5
5/32	110 – 160	**CW1047**	5
3/16	160 – 240	**CW1046**	5

333M MIG Wire

Tensile Strength: 125,000 PSI
Yield Strength: 100,000 PSI
Elongation: Up to 35%
Hardness: 235 BHN
Gas: 90% He, 7.5% Ar, 2.5% CO_2 or 98% Ar, 2% O_2

Dia. (Inches)	Part No.	Pkg. Qty. (Lbs.)
.035	**CW1757**	10
.035	**CW1936**	25
.045	**CW1786**	10
.045	**CW1937**	25

333T TIG Wire

Tensile Strength: 125,000 PSI
Yield Strength: 100,000 PSI
Elongation: Up to 35%
Hardness: 235 BHN
Polarity: DC Straight
Gas: 100% Ar

Dia. x Length (Inches)	Part No.	Pkg. Qty. (Lbs.)
.035 x 36	**CW1993**	2
1/16 x 36	**CW1898**	2
3/32 x 36	**CW1899**	2
1/8 x 36	**CW1900**	2

Specialty Alloys

3330 Electrode

Exceptional out-of-position welding

Tensile Strength: 127,000 PSI
Elongation: 37%
Hardness: 235 BHN
Polarity: AC or DC Reverse

Dia. (Inches)	Amps	Part No.	Pkg. Qty. (Lbs.)
3/32	50 – 75	**CW1874**	5
1/8	75 – 100	**CW1873**	5
5/32	100 – 145	**CW1872**	5
3/16	140 – 185	**CW1871**	5

3333 Electrode

Fast-freeze flux for vertical down

Tensile Strength: 125,000 PSI
Elongation: Up to 35%
Hardness: 235 BHN
Polarity: AC or DC Reverse

Dia. (Inches)	Amps	Part No.	Pkg. Qty. (Lbs.)
3/32	60 – 90	**CW5696**	5
1/8	80 – 120	**CW5697**	5

Stud Stretcher Kits

Broken Bolt Removal

An assortment of electrodes – enough to remove up to 150 broken bolts – complete with instructions in a handy storage drawer or roll-up pouch.

Description	Part No.	Pkg. Qty.
Repair Kit with AC34 Drawer	**CW3030**	1
Repair Kit with AC24 Roll-Up Pouch	**CW3053**	1

Kits contain 333 in four sizes: 5/32" (1 lb.), 1/8" (2 lbs.), 3/32" (1.5 lbs.), 1/16" (0.5 lbs.); 3330 in 3/32" size (1 lb.).