Carbide Bearing Hardfacing Electrodes and Wires

Designed for high abrasion resistance in low to moderate impact situations.

High Abrasion, Moderate Impact Resistance

Superior Advantages

- Low spatter
- High operator appeal – smooth running, quiet and with minimal sparks

Applications

- Bucket teeth and grader blades
- Asphalt mixer paddles
- Feeder screws
- Sizing screens

Certanium® Alloys

284 Electrode

Moderate chrome carbide for use in moderate- to high-temperature environments

Hardness: Rc 56-58

Polarity: AC or DC Reverse

Dia. (Inches)	Amps	Part No.	Pkg. Qty. (Lbs.)
1/8	80 – 120	**P12066**	15
5/32	140 – 200	**P12067**	15
3/16	170 – 220	**P12068**	15

284FC MIG Wire

Moderate chrome carbide for use in moderate- to high-temperature environments

Hardness: Rc 56-58, up to two passes

Gas: None

Polarity: DC Reverse

Dia. (Inches)	Amps	Part No.	Pkg. Qty. (Lbs.)
.045	120 – 230	**P12539**	10
.045	120 – 230	**P12540**	25
1/16	225 – 400	**P12550**	25
7/64	350 – 500	**P12551**	60

Cronatron Alloys

711 Electrode

Moderate chrome carbide

Hardness: Rc 58-63

Polarity: AC or DC Reverse

Dia. (Inches)	Amps	Part No.	Pkg. Qty. (Lbs.)
3/32	60 – 90	**CW1865**	5
1/8	80 – 130	**CW1066**	5
5/32	120 – 160	**CW1065**	5
3/16	150 – 200	**CW1064**	5

High Abrasion, Low Impact Resistance

Superior Advantages

- Minimal base metal dilution
- Maximum recovery (95% versus 65% typical)
- 1/4" diameter provides good out-of-position welding
- Good edge control

Applications

- Augers
- Conveyor chutes
- Crusher liners and jaws
- Truck bed liners

Certanium® Alloys

247 Tubular Electrode

Chrome carbide in an austenitic matrix to resist low- and high-stress abrasion and moderate impact

Hardness: Rc 62 (2nd pass)

No. of Passes: Two

Polarity: DC Reverse

Dia. (Inches)	Amps	Part No.	Pkg. Qty. (Lbs.)
1/4	80 – 130	**P12019**	15
1/2	200 – 260	**P12021**	15

Cronatron Alloys

7350 Tubular Electrode

For high-stress grinding and gouging abrasion resistance

Hardness: Rc 64 (2nd pass)

No. of Passes: Two

Polarity: AC or DC Reverse

Dia. (Inches)	Amps	Part No.	Pkg. Qty. (Lbs.)
3/8	75 – 200	**CW1916**	25
1/2	140 – 300	**CW1917**	25