Tool Steel Electrodes and Wires

A broad selection of premium alloys to use for nearly any tool steel application and repair.

Superior Advantages

- Crack-resistant
- Premium operability
- High wear resistance

Applications

- Various tool steel repairs – specific alloy selection is dependent upon the type (or Series) of tool steel being repaired
- Forming dies, cutting tools and high impact tools

Cronatron Alloys

"D" and "M" Series

344 Electrode

Hardness: Rc 59-63
Polarity: AC or DC Reverse

Dia. (Inches)	Amps	Part No.	Pkg. Qty. (Lbs.)
3/32	50 – 90	**CW1068**	5
1/8	80 – 120	**CW1067**	5
5/32	115 – 150	**CW1812**	5

344T TIG Wire

Hardness: Rc 59-63
Polarity: DC Straight
Gas: 100% Ar

Dia. x Length (Inches)	Part No.	Pkg. Qty. (Lbs.)
.035 x 36	**CW1982**	1
1/16 x 36	**CW1886**	2
3/32 x 36	**CW1887**	2

Universal and "H" Series, Chromium Hot Work Tool Steel

345 Electrode

Hardness: Rc 54-58
Polarity: AC or DC Straight

Dia. (Inches)	Amps	Part No.	Pkg. Qty. (Lbs.)
3/32	60 – 90	**CW1864**	5
1/8	85 – 115	**CW1863**	5
5/32	110 – 130	**CW1862**	5

345T TIG Wire

Hardness: Rc 54-58
Polarity: DC Straight
Gas: 100% Ar

Dia. x Length (Inches)	Part No.	Pkg. Qty. (Lbs.)
.020 x 18	**CW4829***	25 (pcs.)
.035 x 36	**CW1983**	1
1/16 x 36	**CW1888**	2
3/32 x 36	**CW1889**	2
1/8 x 36	**CW1890**	2
5/32 x 36	**CW1891**	2

**Micro alloy size*

345M MIG Wire

Hardness: Rc 54-58
Gas: 75% Ar, 25% CO_2

Dia. (Inches)	Part No.	Pkg. Qty. (Lbs.)
.035	**CW3428**	25
.045	**CW3429**	25

"A" Series, Medium Alloy Cold Work Steel

346 Electrode

Hardness: Rc 56-62
Polarity: AC or DC Straight

Dia. (Inches)	Amps	Part No.	Pkg. Qty. (Lbs.)
3/32	60 – 90	**CW4847**	5
1/8	85 – 115	**CW4848**	5
5/32	115 – 130	**CW4849**	5

346T TIG Wire

Hardness: Rc 56-62
Polarity: DC Straight
Gas: 100% Ar

Dia. x Length (Inches)	Part No.	Pkg. Qty. (Lbs.)
.035 x 36	**CW1984**	1
1/16 x 36	**CW1892**	2
3/32 x 36	**CW1893**	2

"P" Series, Mold Steels and Chrome-Moly Steels

349 Electrode

Tensile Strength: 89,700 PSI
Yield Strength: 73,400 PSI
Elongation: 26%
Hardness: Rc 33-36
Polarity: DC Reverse

Dia. (Inches)	Amps	Part No.	Pkg. Qty. (Lbs.)
3/32	60 – 90	**CW4852**	5
1/8	100 – 140	**CW4853**	5
5/32	130 – 180	**CW4854**	5

349T TIG Wire

Tensile Strength: 89,700 PSI
Yield Strength: 73,400 PSI
Elongation: 26%
Hardness: Rc 33-36
Polarity: DC Straight
Gas: 100% Ar

Dia. x Length (Inches)	Part No.	Pkg. Qty. (Lbs.)
.020 x 18	**CW4841***	25 (pcs.)
.035 x 36	**CW1986**	1
1/16 x 36	**CW1979**	2
3/32 x 36	**CW1980**	2
1/8 x 36	**CW1981**	2

**Micro alloy size*