

# Diamond Wire

## PRODUCT DATASHEET DIAMOND WIRE

Continuing the tradition of providing products with the highest level of quality and performance available, ICS is proud to offer the next generation of diamond wire, specifically designed for the applications of cutting concrete, concrete with reinforcement and steel. ICS diamond wire is manufactured in a state-of-the-art facility with precision specifications to deliver the best in service, economy and performance.

### Brazed Wire



From pure steel to reinforced concrete, brazed wire optimized performance for long life and fast cutting speed.

### Sintered Wire



Designed to provide smooth operation and extremely efficient use of the diamonds. A proven and economical way to cut fast in concrete and concrete with light steel

### Electroplated Wire



Offering several options for cutting a wide range of materials. The proprietary design efficiently uses diamonds that are tuned to each unique application allowing you to optimize your wire sawing operations.

### Hybrid Wire



Optimized for performance, long life and fast cutting, this sintered, multilayer brazed hybrid wire cuts the most demanding materials.

SPEC	Wire Type	Description	Application	BPM	Bead Diameter	Bead width	Diamond Layer	Cable Diameter
<b>Brazed</b>								
B3	Brazed	Multilayered (B3)	For concrete structures with heavy steel, fastest cutting	40	10 mm	5.5 mm	Double	4.8 mm
B10	Brazed	Pure Steel (B10)	For pure steel or concrete with more than 30% steel	44	10.2 mm	5.5 mm	Double	4.8 mm
B13	Brazed	Pure Steel (B13)	Pure steel or reinforced concrete, rescue/finish wire	48	8.8 mm	5.5 mm	Double	4.8 mm
B17	Brazed	Pure Steel (B17)	Pure steel, longest life	53	10.2 mm	5.5 mm	Double	4.8 mm
B19B	Brazed	Brazed Wire Loop (B19B)	For heavily reinforced concrete	44	10.5 mm	5.5 mm	Double	4.8 mm
<b>Sintered</b>								
S14	Sintered	Super Wire (S14)	For concrete structures with steel, covers most USA applications	40	11.0 mm	6.5 mm	2.0 mm	4.8 mm
UWS14	Sintered	Super Wire (S14)	Eliminates water drag	40	11 mm	6.5 mm	2.0 mm	4.8 mm
<b>Electroplated</b>								
E1	Electroplated	Plated Wire (E1)	For concrete structures with heavy steel	40	10.2 mm	5.5 mm	Single	4.8 mm
E2	Electroplated	Plated Wire (E2)	For pure steel, fast cutting	40	10.8 mm	5.5 mm	Single	4.8 mm
E4	Electroplated	Plated Wire (E4)	For pure steel, long lasting	48	10.8 mm	5.5 mm	Single	4.8 mms
E5	Electroplated	Plated Wire (E5)	Fast cutting, rescue wire/finish wire	40	8.8 mm	5.5 mm	Single	4.8 mm
E6	Electroplated	Plated Wire (E6)	Longer life, concrete grooving, dam cutting	48	8.8 mm	5.5 mm	Single	4.8 mm
E13	Electroplated	Plated Wire (E13)	For pure steel or concrete, rescue/finish wire	48	8.8 mm	5.5 mm	Single	4.8 mm
<b>Hybrid</b>								
B1UV (Black)	Hybrid	Brazed Multilayer (B1UV)	For concrete structures with some reinforcement, high HP machine	40	10.5 mm	6.0 mm	1.6 mm	4.8 mm
B1UV (Blue)	Hybrid	Brazed Multilayer(B1UV)	For concrete structures with some reinforcement, high HP machine	40	10.5 mm	6.0 mm	1.6 mm	4.8 mm



Diamond Tools and Equipment

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# Diamond Wire Accessories

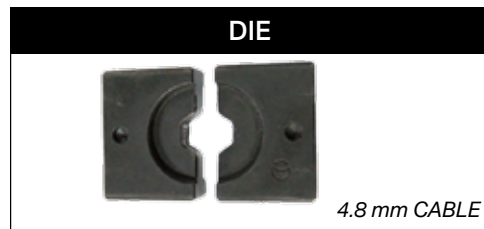
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## Connectors



P/N	Specs	TYPE	PACKAGE SIZE (pcs.)	OUTER DIAMETER (mm)	INNER DIAMETER SLEEVE (mm)	LENGTH OF SLEEVE (mm)
571262	JC1	Straight	30 pcs.	9.2	5.3	20
581887	JC2	Straight	30 pcs.	7.8	4.2	20
571263	JC3	Flexible	5 pcs	9.4	5.2	33
571264	JC4	Screw	20 pcs	9.0	5.3	25
576286	JC5	Screw	30 pcs	7.8	5.3	20
571265	PF7	Flexible	5 pcs	9.5	5.2	28

## Accessories



**P/N 571266**



**P/N 571267**



**P/N 571268**

P/N	SPECS	TYPE
571266	MK8	Die (4.8mm cable)
571267	HT45	Press (5 tons)
571268	JC6	Pin Remover
602575 (not pictured)		Cable Cutter
602451 (not pictured)	JC7/JC10	Pins for Connector
602450 (not pictured)		Wire Cutting Die
602407 (not pictured)	MK6	Wire Crimping Die 3.8 mm cable
602399 (not pictured)	MK7	Wire Crimping Die 3.8 mm cable



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