

**NORTON**

# DIAMOND WIRE FOR CUTTING CURED CONCRETE AND STEEL REINFORCED CONCRETE



For best results on your next diamond wire job rely on the name you have come to trust in diamond blades and bits. Norton multi-strand diamond wire uses high quality diamond beads providing excellent performance and life. Specifically designed and tuned for cutting cured concrete and steel reinforced concrete. Three types of wire are available in continuous lengths to meet most job applications. Sold in multiples of 50 feet.



## Item #201324

Bead Size: .0413" (10.5mm)

Beads Per Meter: 40

Specification number RD4945 is rubber injection molded with premium diamond beads for long life on a variety of general purpose applications.



## Item #201330

Bead Size: 0.413" (10.5mm)

Beads Per Meter: 40

Plastic molded and electroplated diamond beads allow the fastest cut on metal materials. Ideal for applications with high steel reinforcement.



## Item #200704

Bead Size: .0440" (11.2mm)

Beads Per Meter: 40

The SGCP2 specification is a metal single layered (MSL) diamond bead product. Plastic injection molded it cuts freely in aggregate or concrete materials with a high metal content.

# NORTON DIAMOND WIRE SPEC TIPS

## Wire Twist Recommendation

To ensure maximum life and to allow the diamond beads to wear round it is critical to the application to twist at least once for every three feet of wire. Increase the number of twists per the chart below.

WIRE LENGTH	WIRE DIAMETER 0.440 (11.2MM)	WIRE DIAMETER 0.413" (10.55MM)
25 feet	8	10
50 feet	17	21
75 feet	25	31
100 feet	33	40

## Wire Speed Versus Flywheel Diameter

Following are the correct wire speed for various flywheel diameters.

FLYWHEEL DIAMETER	RPM
24"	600-750
30"	475-600
36"	400-500

## SAFETY TIPS

- Always check diamond wire for broken strands or other flaws before engaging.
- Provide a rounded edge for starting and finishing. This procedure reduces added stress to the wire.
- Water should be introduced at the beginning of the cut and throughout the cut. Vertical cuts should be directed as to allow the water to flow with gravity.

## Service

Norton Pro Diamond is committed to excellence. We offer a complete package of products and services dedicated to the success of the professional cutting and drilling contractors. Our blades and bits are manufactured in the United States in a state of the art facility, with manufacturing flexibility that allows us to respond quickly to our customer's needs. For the best in service and performance, choose Norton Pro Diamond for your next job.



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