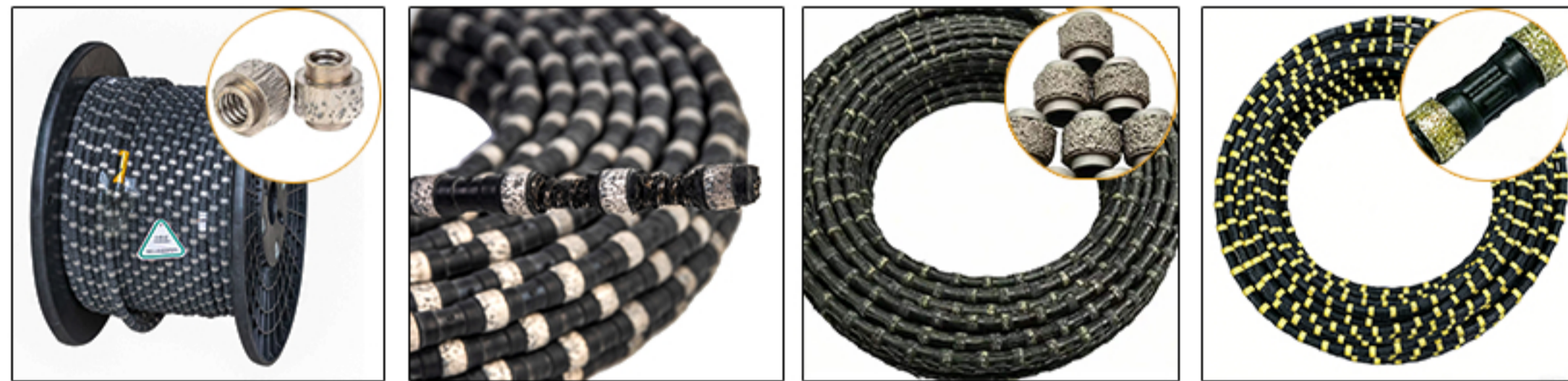


KEENOVA-CONCRETE DIAMOND WIRE

High-Performance Diamond Wire for Reinforced Concrete Cutting

KEENOVA Concrete Diamond Wire is engineered for professional concrete cutting contractors, demolition specialists, and wire sawing companies. Designed for demanding reinforced concrete applications, it delivers high cutting speed, long service life, and reliable performance while reducing overall operating costs. Ideal for bridge demolition, structural modifications, building renovation, foundation removal, and other heavy-duty concrete cutting projects.



1 Why Choose KEENOVA Concrete Diamond Wire?

► Fast Cutting Performance

Engineered with an optimized diamond formulation and advanced metal bond technology, features a high concentration of premium coarse-grit diamonds to deliver fast cutting speed in reinforced concrete and heavily steel-reinforced structures.

► Premium German Steel Cable

High-strength 4.8 mm German steel cable provides outstanding tensile strength, superior flexibility, and enhanced fatigue resistance. This significantly reduces the risk of wire breakage, even when operating on high-power wire saw machines under continuous heavy-duty conditions.

► Heavy-Duty Assembly System

Advanced vulcanization technology with precision assembly equipment, and reinforced flat springs between diamond beads to ensure excellent bead retention and structural integrity. This robust assembly system delivers reliable performance, improved safety, and exceptional durability in the most challenging cutting environments.

► Extended Service Life

40–48 sintered diamond beads per meter, manufactured with a high concentration of premium diamonds and optimized bond formulations, delivering extended wire life, consistent cutting performance, and significantly lower cutting costs per square meter.

► Outstanding Flexibility & Machine Compatibility

Available in multiple specifications for both hydraulic and electric wire saw machines across various power ranges, ensuring excellent adaptability to diverse cutting applications and challenging job site conditions. Technical Specifications:

2 Technical Specifications:

Applications	Art Number	Dimensions (mm)	Beads/M (pcs)	Assembly
Concrete/ Reinforced Concrete/ Metal	RC115	ϕ11.5×6.5	40/48	Rubber+Spring
	RC110	ϕ11.0×6.5	40/48	Rubber+Spring
	RC105	ϕ10.5×6.5	40/48	Rubber+Spring
	Applications	Linear Speed (M/S)	Cutting Speed (M2/H)	Cutting Life (M2/M)
	Concrete	25-28	3-5	3-7
	Reinforced Concrete	22-25	1-3	1-3
	Metal	10-14	0.2-0.3	0.25-0.35
Specification of Beads	Out Diameter (mm)	Diamond Length (mm)	Overall Length (mm)	Manufacture Tech
	11.5	6.5	11/12	Sintered/EP/VB
	11.0	6.5	11/12	Sintered/EP/VB
	10.5	6.5	11/12	Sintered/EP/VB



CONSTRUCTION MACHINES

High-performance cutting and drilling equipment engineered for precision, efficiency, and reliability in construction and infrastructure applications.



KEENOVA-Professional Diamond Wire Solutions

Delivering reliable diamond wire technology for concrete cutting, demolition, quarrying, and stone processing applications worldwide.

