

## KEENOVA QUARRY DIAMOND WIRE

### High-Performance Diamond Wire for Granite and Quartzite Stone Quarry Cutting

KEENOVA Quarry Diamond Wire is specially engineered for professional quarry operators seeking maximum productivity, reliable performance, and lower cutting costs. Manufactured with premium synthetic diamonds, optimized bond formulations, it delivers fast cutting speed and good lifetime in a wide range of natural stone quarry applications. With stable cutting performance under demanding quarry conditions while helping operators increase the productivity and reduce downtime.



### 1 Key Features

#### ► Fast and Stable Cutting Performance

Optimized diamond matrix and advanced metal bond technology with proper sharpening ensures fast cutting speed from the first beginning.

#### ► Premium German Steel Cable with Minimized Wire Breaks

High-strength 4.8 mm German steel cable delivers superior tensile strength, flexibility, and fatigue resistance, effectively minimizing wire breakage and downtime under high-power bench cutting conditions.

#### ► Heavy-Duty Assembly System

Precision vulcanization equipment with advanced process for assembly ensure strong bead retention and structural stability, providing enhanced safety, durability, and reliable performance in demanding quarry environments.

#### ► Extended Service Life

Available in 37–40 beads/m and bead diameters of 11.5 mm, 12.0 mm, and 12.5 mm. Optimized configurations deliver longer wire life, stable cutting performance, and reduced cost per square meter.

#### ► Outstanding Flexibility & Machine Compatibility

Multiple specifications and bond formulations are available for both conventional and permanent magnet (PM) wire saw systems, ensuring broad adaptability across various stone types and quarry conditions.

### 2 KEENOVA-Professional Diamond Wire Solutions

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

### 3 Technical Specifications:

Applications	Art No	Specification (mm)	Beads/m	Reinforcement
For cutting Granite, Quartzite, Sandstone Hard&Abrasive stone in quarry	SG001	φ12.5/12/11.5×6.5	40/37	Rubber/+Spring
	MG002	φ12.5/12/11.5×6.5	40/37	Rubber/+Spring
	HG003	φ12.5/12/11.5×6.5	40/37	Rubber/+Spring
	QZ004	φ12.5/12/11.5×6.5	40/37	Rubber/+Spring
	Cutting Material	Linear Speed (M/S)	Cutting Speed (M2/H)	Cutting Life (M2/M)
	Soft	28-35	8-15	25-34
	Medium	28-35	8-10	20-24
Hard&Abrasive	26-32	6-8	12-18	
SPECIFICATION OF BEADS	Out Diameter	Length of work layer (mm)	Bead Length	Manufacture Tech
	φ12.5/12.0	6.5	11	Sintered
	φ11.5	6.5	11	Sintered



### Diamond Wire For Stone Cutting

High-Performance Diamond Wire for Stone Quarrying, Block Squaring, Slab Cutting and Profiling Applications



NEED EXPERT ADVICE?

Contact Keenova team for the optimum wire cutting solutions for your projects.

E-mail: robin@keenovatool.com

www.keenovatool.com

Cell Phone: 0086-13559621995

WhatsApp: : 0086-13559211969