

KEENOVA-MARBLE QUARRY DIAMOND WIRE

High-Performance Diamond Wire for Marble and Calcite Stone Quarry Cutting

KEENOVA Marble Quarry Diamond Wire is specially engineered for efficient and reliable extraction of marble, dolomite, limestone, travertine, and other soft to medium-hard natural stones. Featuring premium synthetic diamonds, advanced bead manufacturing technology, and optimized bond formulations, it delivers fast cutting speeds, smooth cutting surfaces, and exceptional wire life in demanding quarry environments.



1 Key Features

► Fast Cutting Performance

Optimized sintered or vacuum-brazed diamond beads ensure high cutting speed, smooth operation, and superior productivity in marble and calcite quarry applications.

► Premium German Steel Cable

4.8 mm high-strength German steel wire offers excellent tensile strength, flexibility, and fatigue resistance, minimizing wire breakage and downtime during heavy-duty bench cutting operations.

► Heavy-Duty Assembly System

Advanced vulcanization/plastification equipment with precision assembly technology provide strong bead retention and structural stability. Reinforced with spring between beads enhances operational safety and ensures consistent performance in challenging quarry conditions, including fractured and irregular rock formations.

► Extended Service Life & Cost Efficiency

Available in 26, 37, or 40 beads per meter with bead diameters of 10.5 mm, 11.5 mm, and 12.0 mm. Spacer options include spring, plastic, or rubber configurations, tailored to different stone types and machine setups. Designed for longer service life and reduced cutting cost per square meter.

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 all carbonate stone quarry cutting | MQ115S | φ11.5×6.5/6.0 | 26/28 | Spring (WET /DRY CUT) |
| | MQ115R | φ11.5×6.5/6.0 | 37 | Rubber/Plastic+Spring |
| | MQ110S | φ11.0×6.5/6.0 | 26/28 | Spring (WET /DRY CUT) |
| | MQ110R | φ11.0×6.5/6.0 | 37 | Rubber/Plastic+Spring |
| | MQ105S | φ10.5×6.5/6.0 | 26/28 | Spring (WET /DRY CUT) |
| | MQ105R | φ10.5×6.5/6.0 | 37 | Rubber/Plastic+Spring |
| | Cutting Material | Linear Speed (M/S) | Cutting Speed (M2/H) | Cutting Life (M2/M) |
| | Soft | 30-40 | 15-25 | 65-85 |
| | Medium | 30-40 | 10-15 | 45-65 |
| | Hard | 30-40 | 6-10 | 30-45 |
| SPECIFICATION OF BEADS | Out Diameter | Length of work layer (mm) | Bead Length | Manufacture Tech |
| | φ11.5 | 6.5/6.0 | 11 | Sintered/VB |
| | φ11.0 | 6.5/6.0 | 11 | Sintered/VB |
| | φ10.5 | 6.5/6.0 | 11 | Sintered/VB |



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.

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