



# DIAMOND WIRE FOR QUARRY APPLICATION MARBLE AND LIMESTONE

- High cutting speed
- Pre-sharpened bead
- Specific rubber assembly for safe operation



## DIAMOND WIRE FOR MARBLE QUARRIES

For a wide range of marbles and limestones TYROLIT is offering 2 different type of beads:

Electro plated beads:

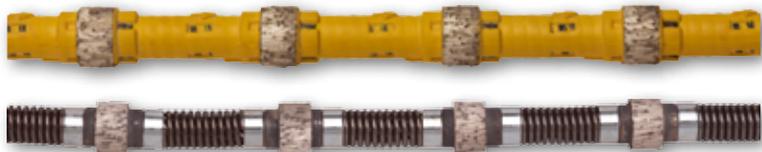
- For very compact and non abrasive marbles; fast cutting and block dressing

Sintered beads:

- Diameter 10.3 mm for fast cutting and/or low powered machines
- Diameter 11.3 mm for abrasive marbles and high lifetime



Beside the traditional spring assembly TYROLIT is offering marble wires with the safe and long lasting, yellow colored rubber assembly, which properly protects the steel cable for a long time. The reinforced patented version with springs in the slim rubber design stands for high safety and allows high pulling forces in order to increase the cutting speed.



Technical data		
Bead diameter	Assembly	No. of beads
10.3 and 11.3 mm	Rubber & springs	28 and 32 b/m
10.3 and 11.3 mm	Spring assembly	26 to 32 b/m

### Specification recommendation

Material and application		Bead			Performance	
		Specification	Diameter mm	Design	Cutting speed m <sup>2</sup> /h	Life m <sup>2</sup> /m
Fast cut, very compact limestone		MSF0	10.3	Sintered	12 - 16	40 - 50
Compact limestone and marble		MSF0	11.3	Sintered	6 - 12	60 - 80
Crystalline marble and travertine		MSF1	11.3	Sintered	10 - 14	60 - 100
Soft and abrasive marble		MSF5	11.3	Sintered	8 - 12	90 - 160
High flint content, green marble		GSF1	11.3	Sintered	3 - 8	15 - 25
Fast cut or block dressing	grit 20/25	MSG25	10.8	Electro plated	20 - 26	30 - 50
Standard or block dressing	grit 25/30	MSG15	10.6	Electro plated	15 - 20	30 - 50
Economic	grit 30/40	MSG6	10.2	Electro plated	10 - 16	25 - 40



TYROLIT also offers rubber and plastic assembled wire solutions for other materials such as granite, sandstone and slate, for quarry, stationary and multiwire application.

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