



DIAMOND BLADE

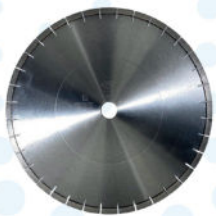


Geofactory provides an extensive selection of diamond blades, each meticulously designed for either dry or wet cutting. Our range includes options with segmented or continuous rim specifically tailored for core slabbing or trimming applications in abrasive and hard geological formations such as igneous, metamorphic and sedimentary rocks.

MODEL - SEGMENTED



This blade features a very high-performance 'PDA' bond, engineered for cutting hard granite and other tougher formations. It also ensures precise cuts of sedimentary core samples encased in aluminium tubes.



Segmented

| REFERENCE | DIAMETER | THICKNESS | SPECIAL APPLICATION |
|-----------|----------|-----------|-------------------------------|
| SAMP-251 | 350 mm | 3.2 mm | Core slabbing approved |
| SAMP-254 | 400 mm | 3.5 mm | with aluminum or fiberglass |
| SAMP-255 | 450 mm | 3.5 mm | tubes (Oil & Gas), Wet hard |
| SAMP-256 | 450 mm | 3.5 mm | geological formation (Mining) |
| SAMP-257 | 500 mm | 3.5 mm | Wet and dry cutting |



Synthetic diamond

Standard borehole 1"/25.4 mm - Can be adjusted as necessary

This model of blade is designed with a high-level bond for cutting hard materials, ensuring superior performance and exceptional precision. Perfect for preparing geomechanical samples.



MODEL - CONTINUOUS RIM



Bore Reducing Bush

| SPECIAL APPLICATION | THICKNESS | DIAMETER | REFERENCE |
|--|-----------|----------|-----------|
| Rock mechanics & Precise preparation, Dry cutting on sedimentary, Wet hard formation, Salt formation | 1.8 mm | 200 mm | SAMP-252 |
| | 1.8 mm | 250 mm | SAMP-250 |
| | 2.4 mm | 300mm | SAMP-259 |
| | 2.6 mm | 350 mm | SAMP-253 |

Standard borehole 1"/25.4 mm - Can be adjusted as necessary



Continuous rim

THE BENEFITS OF CUSTOM-MADE SOLUTIONS?

Estimating a diamond blade's lifetime is challenging, with a 30-40% error margin due to rock type and abrasiveness. Given these uncertainties, the best approach is for Geofactory, closely collaborating with the manufacturer, to analyze your geological samples and customize a diamond blade for your project.