

Geotech Impregnated Core Bits

High Quality, Low Cost Diamond Core Bits

Diaset has developed an entirely new impregnated bit matrix system that has a worldwide patent pending.

Our Geotech brand name core bits utilize this new matrix technology to maximize penetration rates while minimizing costs. Some features of this bit include:

- Premium titanium coated diamonds
- 30% softer matrix
- Free cutting

Benefits of the Geotech bit:

- Last longer, costs comparable to other low cost bits manufactured overseas
- Lower fuel consumption, less rod and corebarrel wear
- Cuts faster and straighter for improved core recovery

Sizes and Specifications

All Geotech Bits come with heavy duty 6.5 mm wide waterway profile, extra-hard OD and ID gauge protection, tungsten carbide waterway protection, 6.5 mm impregnated depth, premium large diamond crystals, high diamond concentration. Ti-coated diamonds for extra abrasion resistance.



Our Geotech bits are available in the following sizes:

- **Wireline corebarrel bits:** B, N, H and P sizes
- **Metric conventional:** T, B, T2, T6
- **DCDMA conventional:** E, A, B, N, H, P

In terms of matrix selection, we offer two types:

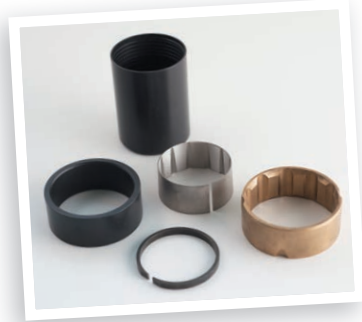
- **AR** – for abrasive, fractured and broken rock
- **HR** – for hard, solid and non-abrasive rock

We've Got You Covered

Our full-line of Geotechnical core drilling products are priced comparably to any other lower-cost bit, with unmatched durability and quality. They last longer, offer less vibration and help drill straighter than any other brand available on the market.

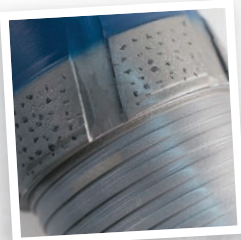
Our line of geotechnical products also includes:

- **Geotech Reaming Shells**
- **Casing Shoes**
- **Corebarrels & Parts**



Geotech Reaming Shell features include:

- **Long Matrix Pad** – heavily set with diamonds. The matrix pad is securely anchored against the blank, preventing shoulder wear and “walkover”
- **Concentric Cast Pad** – runs true and will not break off, also offers less vibration
- **Spiral Carbide Reinforced Waterways**



Diaset History

Manufacturing since 1981 for mineral and geotechnical exploration projects, Diaset helps contractors and mines drill straighter holes, recover more core and reduce their coring costs, worldwide.

We custom engineer, design and manufacture in our state-of-the-art facility located in British Columbia, Canada. Diaset uses CNC manufacturing techniques combined with advanced worldwide patent pending metallurgy to produce tools that are priced competitively, drill very fast, and are long lasting.

What makes Diaset unique is our in-depth knowledge of the drilling industry. Our owner and founder, Bob Miller, has close to a decade of real-world drilling experience. This practical drilling experience means we know the challenges faced by drillers in the field and we design our products to overcome these challenges.

Why Choose Diaset

Quality Guarantee

A critical part of our ISO 9001:2008 manufacturing process is rigorous quality screening. With quality control inspections at each stage of production we proudly offer 100% warranty on our products.

The Diaset Difference

We pride ourselves in not only providing the highest quality drilling tools in the industry, but also offering free advice and consultations on the drilling conditions in your location. For over 30 years we have been increasing the productivity of drill sites around the world.



“Built to last, built to cut fast”