

Making Life Easier ynam

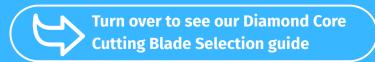
Diamond Core Cutting Blades A Buyers Guide

The cutting of core can be a major pressure point within the core processing system, so any improvement in efficiency, performance and safety has big benefits. This is why we have created this Diamond Core Blade buyers guide.

There is a wide range of brands and blade types available to the diamond core blade buyer. And if you choose the wrong blade for the job it has a massive impact on performance as well as having significant safety risks to operators.

In selecting the right blade, it is important to consider the following:

- The mineral you are predominantly cutting this is by far the most important consideration in selecting the right blade for the job. We have produced a useful reference guide that matches the right blade to the mineral – see next page.
- Consider the cutting environment if cutting is occurring near core logging look for sound dampened blades. The Discoverer® Sound Dampened blade range uses sound suppressing technology within the blade structure which significantly reduces decibel levels while maintaining performance.
- Cutting capability look for blades that have a low cost per metre/foot cut, which often means not going for the cheapest cost per unit. Discoverer® blades are premium, but they last longer and cut faster than other blades on the market.
- Manual vs automatic some blades are designed specifically for manual or automatic core saws. The Discoverer® range of blades are suitable for both manual and automatic as they come in both 12" and 14" sizes, so this is one decision you won't have to worry about with us.
- Quality of diamond used in manufacturing we use the finest quality diamond in Discoverer® Blades to ensure consistency and cutting









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We have five blades in our range, plus we have Sound Dampened options available.



CBLDS

Medium to

Abrasive

Please note: This guide is intended only as an indication of the type of blade that could be used on different minerals. It is known that within each rock type there are variations and different levels of abrasiveness.

Talc Gypsum Potash Clay Shale Tuff

Calcite
Soft Sandstone

Sepentine
Marble
Limonite
Weathered Granite
Schist
Phyllites
Siliceous Schist

Angesite

Hard Limestone
Gabbro
Siliceous Volcanics
Hard Schist
Pegmatite
Gneiss Basalt
Granite
Anorthosite
Amphibolite

Glass Highly Altered Intrusives Volcanics Ryolite Aplite Tonalite Quartzite

Red Granite
Taconite
Banded Iron
Silified Haemitite
Jasperlite
Quartz
Chert



Very Hard

CBLDM



Ultra Hard

CBLDA



Extreme Hard



Insane Hard