DISCOVERER® EXCELLENCE SINCE 1993

Making Life Easier dynamics G-Ex

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 capability.

Turn over to see our Diamond Core Cutting Blade Selection guide

Medium to Abrasive

Very Hard

Ultra Hard

Extreme Hard

Insane Hard

AUSTRALIA/EMEA PH **1800 105 584** E: **sales@dynamicsgex.com.au**

NORTH AMERICA PH **1 800 322 9866** E: **sales@dynamicsgex.com**

www.dynamicsgex.com

DISCOVERER® EXCELLENCE SINCE 1993

Making Life Easier dynamics G-Ex

Diamond Core Cutting Blades
A Buyers Guide

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

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.

CBLDS

Medium to Abrasive

TYPE 1
- Talc
- Gypsum
- Potash
- Clay
- Shale
- Tuff
- Calcite
- Soft Sandstone

CBLDM

Very Hard

TYPE 2
- Sepentine
- Marble
- Limonite
- Weathered Granite
- Schist
- Phyllites
- Siliceous Schist

CBLDA

Ultra Hard

TYPE 3
- Angesite
- Hard Limestone
- Gabbro
- Siliceous Volcanics
- Hard Schist
- Pegmatite
- Gneiss Basalt
- Granite
- Anorthosite
- Amphibolite

CBLDE

Extreme Hard

TYPE 4
- Glass Highly Altered
- Intrusives
- Volcanics
- Ryolite
- Aplite
- Tonalite
- Quartzite

CBLDI

Insane Hard

TYPE 5
- Red Granite
- Taconite
- Banded Iron
- Silified Haemitite
- Jasperlite
- Quartz
- Chert

AUSTRALIA/EMEA PH 1800 105 584 E: sales@dynamicsgex.com.au

NORTH AMERICA PH 1 800 322 9866 E: sales@dynamicsgex.com

www.dynamicsgex.com