



LEVANTO
DIAMOND SOLUTIONS

MINERAL EXPLORATION

CUSTOMIZED CORE BITS MADE IN FINLAND



Diamond Core Bits since 1937

For over 80 years, Levanto has been developing and manufacturing high quality drilling tools for the mineral exploration industry. Levanto products are designed and developed in close co-operation with their customers to meet today's drilling and cutting demands. Levanto core bits are guaranteed to meet any market requirements due to many years of experience.

Success through Co-operation

Levanto product development has been guided by the requirements, needs and expectations gained from end users world wide. Their challenge is to adapt to the constantly changing technology and specialize in providing custom drilling bits tailored to individual requirements. The commitment to quality, consistency and service has allowed Levanto to build long term customer relationships.

First Class Raw Materials

Levanto engineers, design and produce in their state of-the-art facility located in Finland using the latest manufacturing and metallurgy techniques. The expertise in product design, engineering and manufacturing has placed Levanto at the forefront of diamond drill bit. Levanto standards have been developed to comply with the ISO 9001 quality system and as an environmentally friendly company they also follow the requirements set in the ISO 4001 environmental system.



LEVANTO-SERIES DIAMOND CORE BITS

Specially designed to provide excellent penetration/lifetime ratio, the Levanto-series bits are a great choice for very hard ground conditions. Highest quality materials, rigorous testing and the new turbo-flush shape ensure that the bit performs excellently in any kind of hard ground environment. With the in-built turbo surface on segments, the new turbo-flush shape makes sure the drilling fluid flows freely through the waterways. This ensures the best possible flow for drilling fluid by preventing any small particles from blocking the waterways and making sure the drill bit always performs to its utmost best capabilities. The easily modifiable segment composition allows us to suit Levanto-series diamond core bits to our customers ever changing needs.



Matrix Selection Chart

MEDIUM HARD

Diabase
Andesite
Gneiss
Granodiorite
Limonite

HARD

Granite
Basalt
Rhyolite
Crystalize gneiss
Quartz porphyry

ULTRA HARD

Siliceous stone
Hard sandstone
Dense quartzite
Iron stone

S10

S15

S12

Sizes

BWLTK	T-56
NWL	B-116
NWL2	B-146
HWL	B-168
WL56	

Other sizes available on request.

CASING SHOE GD-2 A CLASSIC FOR OVER 80 YEARS

The GD-2 is a reliable choice when you need an efficient and strong tool. The sustainability is outstanding, which is the reason why year after year the bit is a favorite among customers. The GD-2 is so durable that it can be used to remove drill rods stuck in the hole.



DIAMOND BLADES FOR CUTTING CORE SAMPLES

Levanto "Stinger" segmented diamond blades, are a perfect choice for cutting core samples. Produced using a multilayer technique, the powder layers are alternately soft and hard. While sawing, the surface is worn uneven making the blade faster and longer lasting. This improves both the blade's cutting capacity and the safety for the user.

Type	Diameter	Segment sizes
Stinger-F	360 mm	46x2,8x11 mm
Stinger-FC	360 mm	46x2,8x11 mm
Stinger-C	360 mm	46x2,8x11 mm

Other sizes available on request.



CUSTOM MADE TOOLS



Our technical support team welcomes any request, idea or concept of special tools for any drilling application. As a Leader in Tool Technology, Levanto knows every application is unique. Our Custom Design facility can work from your schematic to manufacture any tool to your specifications. If you prefer, our experienced engineers can diagnose your needs and design the tool that is "Precisely Right" for your specific application.

Our goal is to serve you with the highest quality tools and to "Turn Precision Into Value".

LET'S STAY IN TOUCH

Together we'll find a solution that meets your expectations

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