

Core Drilling



Diamond Core Drilling Bits since 1937

For almost 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.



Introducing the new WOLF-series

Specially designed to provide excellent penetration/lifetime ratio, the new Wolf-series tools 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 Wolf-series diamond core bits to our customers ever changing needs.

Diamond Core Bits Selection Chart

SOFT	MEDIUM SOFT	MEDIUM	MEDIUM HARD	HARD	ULTRA HARD
Clay, shale, siltstone, gypsum, coal, argillite, volcanic	Sandstone, Sandy shale, Lithoid limestone	Med-hard limestone, med-hard shale, med-hard ash stone, marble, hard schist	Diabase, andesite, gneiss, granodiorite, limonite	Granite, basalt, rhyolite, crystalize gneiss, quartz porphyry	Siliceous stone, hard sandstone, dense quartzite, iron stone
WOLF S2	WOLF S4	WOLF S6	WOLF S8	WOLF S10 WOLF S12	WOLF S14

Sizes are custom made to match customers requirements



STADION - A new approach to Reaming Shell concept

Our new approach to reaming shell concept has lead to STADION shape design. The new STADION model benefits from round shape ensuring that the drilling fluids will never create drilling slowing turbulence, like in case of edge corner reaming shells. The new STADION model enables the drilling fluid to flow freely while allowing the optimal removal of drilling mud. This makes sure that the drilling always performs to its best capabilities. Levanto reaming shells and casing shoes are especially designed using the same manufacturing method as Wolf-series diamond core bits. They are made of high-quality synthetic diamonds, embedded in a high resistant matrix and are available in all standard sizes for traditional and wireline drilling.

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