Corepack Original diamond Series

FINE BIT, with the basic concept of "Speed," "Endurance," and "Easy," is one of the few diamond bits designed primarily for the purpose of geological survey drilling using Corepack Tube ®. Various innovations have been implemented to facilitate smooth field operations, such as improving drilling speed and bit life.



Wide-ranging Matrix Compatibility

The FINE bit matrix is capable of handling everything from soft rock to extremely hard rock and fractured zones, and it can be used at low rotation and low pressure. Moreover, we have also innovated in the types of matrices to ensure they can cover as wide a range of applications as possible with a single type.

COST PERFORMANS

Considering that the performance of diamond bits significantly affects on-site costs, FINE bits focus on speed and work efficiency to not only keep running costs low but also to quickly complete the site work.



Stable, consistent production at our own factory

All our diamond bits are manufactured and sold at our own factory.

We emphasize cutting at low rotation and low pressure, based on data from Japan's strata, geology, and rocks. They are durable, easy to use, and have a long life.

Especially, our models for fractured zones are unrivaled and have received high acclaim.



What is Impregnated Diamond? (Impregnated Bits)

An impregnated diamond product is made by mixing diamond grit with metal powder, cobalt, nickel, tungsten, copper, etc., to form a matrix, and then produced by sintering.

It is especially capable of handling a wide range of materials from soft strata to soft rock, hard rock, and very hard rock, where impregnated diamonds demonstrate their high quality and effectiveness, particularly in very hard rock. Our company uses carefully selected raw materials and outstanding technical skills in a consistent manufacturing process to make products usable for all strata up to very hard rock.

Additionally, they are highly regarded for their ease of use, cost-performance, and speed. We also flexibly accommodate special requests to meet our customers' needs.

Achieving "High Quality" and "Short Delivery Time"

We supply good quality products quickly, and at a low cost to Japan and various other countries around the world!

Manufacturing is carried out by skilled staff using special techniques, with an emphasis on thorough quality control from start to finish.

We deliver reliable and stable products that meet the demands of the field to our customers.

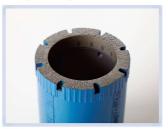


Features of the Corepack Impregnated Diamond Bits

Emphasis on sharpness, running cost, and ease of use.

The basic design incorporates a matrix that allows for cutting at low rotation and low load, and we also manufacture types and shapes suitable for various geological conditions.

Corepack Original Bit



RS Type A structure that prevents direct water contact with the core



Twin Circle (made to order) Bit and reamer integrated type



Toughness (made to order) Body reinforced type



Zero Waterway

(made to order)

just one example. Many other products

The picture is



OSReamer outstanding

We recommend the use of a reamer in conjunction with diamond bits to reduce wear on the bit and maintain the outer diameter. It is essential.

♦ About Custom-made Products

To prevent any mistakes with custom-made products, please be sure to send us your order form or drawings via e-mail, etc. If you are unsure about the threads for casings, etc., please send a thread sample. Also, please understand that custom-made products cannot be returned or canceled under any circumstances.

Please choose the appropriate matrix based on the information below.

FINE BIT Matrix Compatibility Chart

If you desire a matrix other than those listed below, please contact us.

