GLINIK
DRILLING TOOLS

MINERALS & MINING

In order to meet the client's expectations, Glinik is working on the implementation of new solutions supporting the exploration of minerals.

The offer includes ready-made solutions for underground drilling of various types of pilot holes and inter-level ventilation, dewatering and other technological boreholes.

TECHNICAL INNOVATION

Glinik’s Design and Engineering Team develops drilling tools with a focus on precision, durability, and consistent performance. Each stage of production is optimized to ensure repeatable quality and operational reliability.

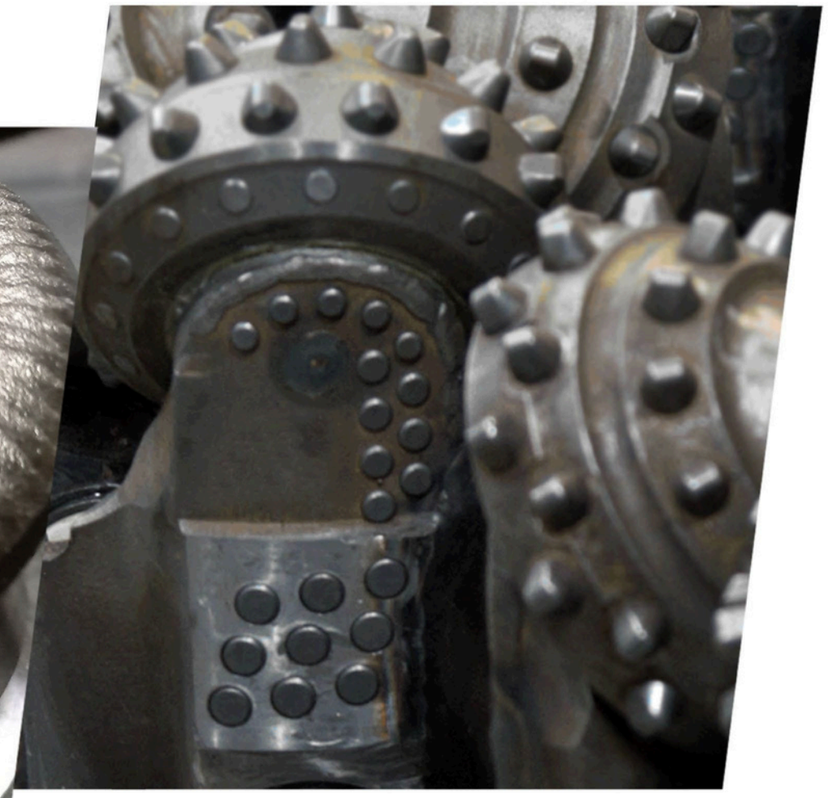
Glinik’s Engineering Team drives continuous product development through advanced research and implementation of modern technologies in drilling tool design.

The team provides technical support in selecting optimal tools and drilling parameters tailored to specific customer applications.

PROTECTION OF DIAMETER
AND CUTTING STRUCTURE

The protection of drill bits is accomplished using materials with the highest abrasion resistance. The protection is applied using various methods, depending on the surface material.

Plasma Transferred Arc Welding (PTAW) technology allows for repeatable and high quality adhesion and wear resistance.



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MINERALS AND MINING
SAMPLE DRILL BITS

4-1/2"
IADC 211

2-15/16"
IADC 633

CUTTING STRUCTURE

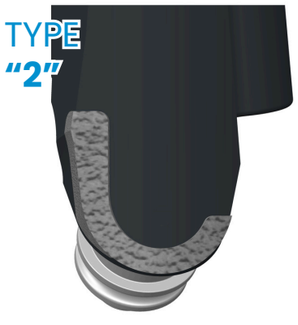
Medium-sized teeth enable efficient drilling through rock formations of variable hardness.

The specially engineered design allows the use of a single drill bit type for a wide range of geological conditions, ensuring efficient and reliable drilling performance.

An ideal solution for operations in unknown or mixed formations.

LEG BACK PROTECTION TYPES

Glinik leg back type “2” design for extended tool life, and reliable performance in abrasive formations.

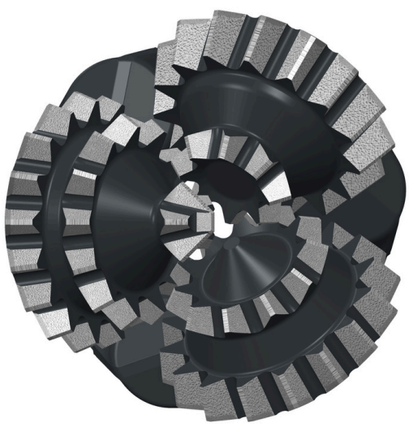


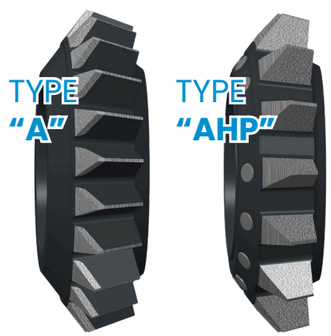
wide range of diameters 2-1/2" (63,5mm) to 36" (914,4mm).

CUTTING STRUCTURE:

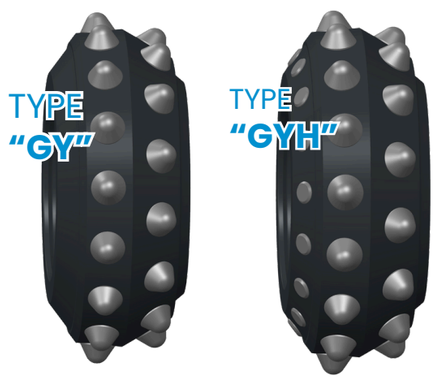
Optimally selected insert size and geometry ensure efficient drilling through rock formations of variable hardness.
The specially engineered design allows the use of a single drill bit type to achieve the target hole diameter and full depth.

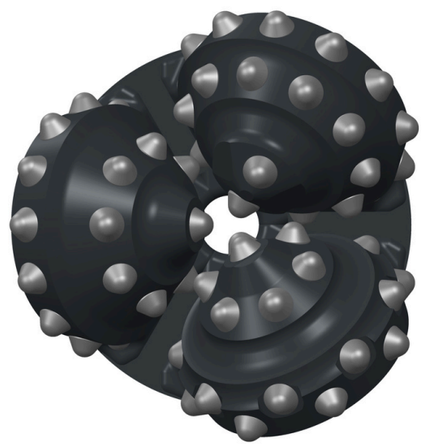
An ideal solution for drilling in unknown or unpredictable geological formations.





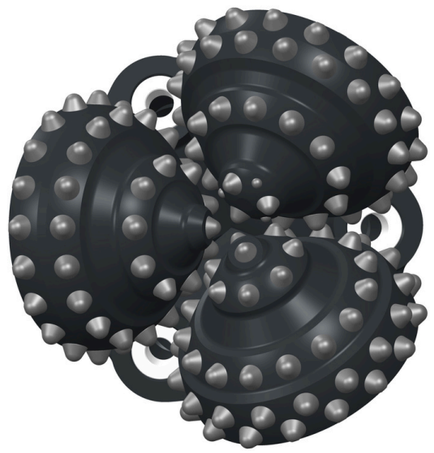
Bits customisation avaialable





Tools consultation available

BLASTING DRILL



9-7/8" IADC 642

CUTTING STRUCTURE:

Using uniquely designed channels inside the drill bit, bearings receive additional cooling, supporting increased tool life. The unique design of the bearing, through the use of compressed air supply channels, allows cooling of rolling components and prevents drilled materials from entering the bit, ensuring trouble-free drilling operations while optimizing the performance of the drill rig.

LEG BACK PROTECTION TYPES

CUTTING STRUCTURE:

Optimal cutting structures and the highest quality outside surface wear protection of the tool, minimizes the need of drill bit changes and increases drilling performance.

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