

ROCK DRILLING TOOLS

DESCRIPTION

Rock drilling tools in tunneling are essential for breaking through hard rock to create tunnels. These tools include:

- 1. Drill Bits:** The cutting part of the drilling machine, designed to penetrate rock. Common types include button bits, cross bits, and chisel bits, each suited to different rock conditions.
- 2. Drill Rods:** Long, cylindrical rods that transmit the drilling force from the machine to the drill bit. They come in various lengths and are connected in series for deep drilling.
- 3. Shank Adapters:** These connect the drill rod to the drilling machine, ensuring the transmission of rotational force and impact energy.
- 4. Rod Connection Sleeves:** Used to connect multiple drill rods together, extending the drilling reach.
- 5. Bit Adapters:** These adapt different types of drill bits to the drill rod, allowing for versatility in drilling operations.

These tools are selected based on the rock type, tunnel size, and desired drilling speed.



HEADQUARTERS

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Rock drilling bit

Enhanced Power and Precision;

At Regbar, we provide Rock Drilling Bits designed with extensive expertise in the rock drilling industry. Engineered with cutting edges that incorporate the latest technological advancements and a robust structure, our drilling bits ensure your operations are completed safely and efficiently.

Streamline your rock drilling processes with our powerful, precise, and high-performance Rock Drilling Bits. Reach out to us for more details and to place an order.

Durability and Longevity: Constructed from durable materials, our Rock Drilling Bits are ideal for long-term use, maintaining top performance even in challenging rock conditions.

Precision Drilling: Specially designed cutting tips enable precise and accurate drilling, giving operators enhanced control and precision.

High Efficiency: Our bits optimize your workflow with powerful drilling capabilities, saving time and boosting operational efficiency.

Versatility Across Applications: Compatible with a wide variety of rock types and drilling requirements, their flexible design allows for ease of use in various drilling scenarios.

Mining Industry Applications:

Mining Drilling: Used for extracting metal ores, coal, and other minerals in mining operations.

Open-Pit Mining: Ideal for rock excavation and transport.

Construction Industry:

Foundation and Construction Projects: Employed in foundation drilling, building foundations, and tunneling projects.

Road and Infrastructure Construction: Utilized for drilling in hard ground during road construction and improvement.

Geothermal Energy Production:

Essential for drilling through hard rocks in geothermal energy and drilling projects.

Water Wells and Drilling:



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Preferred for drilling water wells and penetrating hard geological layers.

Tunnel Construction:

Utilized in the construction of tunnels, including highways, railways, and metro systems.

Controlled Blasting Applications:

Suitable for drilling operations involved in controlled blasting scenarios

Drill rod

Drill Rod (Rod & Drill): The Perfect Solution for Durable and Precise Drilling Operations At Regbar, we provide high-quality Drill Rods (Rod & Drill) designed for rock drilling operations. With a specially engineered, durable structure and precise performance, our Drill Rods ensure effective drilling experiences across various ground types. **Safe and Efficient Drilling Experience with Regbar Drill Rods:**

At Regbar, we are committed to delivering the best drilling solutions in the industry. Our durable and precise Drill Rods help our customers make their drilling operations more effective and efficient.

Advantages:

Durable Material and Construction: Made from long-lasting materials, our Drill Rods are ideal for extended use, delivering high performance even in challenging ground conditions.

Precision Drilling Performance: With a specialized design, these rods are perfect for precise and accurate drilling operations, providing operators with control and precision.

Variety of Applications: Available in various lengths and diameters, our Drill Rods cater to different drilling needs, making them suitable for use on diverse grounds.

Quick Assembly and Ease of Use: Designed for easy assembly, our Drill Rods save time and boost operational efficiency.

Applications:

Mining: Used for extracting metal ores, coal, and other minerals.

Construction Industry: Ideal for foundation excavations, tunneling, foundation pilings, and other construction projects.

Water Wells and Drilling: Preferred for water well drilling and related operations.

Geothermal Energy Production: Utilized in drilling hard ground for geothermal energy projects.

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Road and Infrastructure Construction: Employed in drilling operations on hard ground during road construction and improvements.



Rod connecton sleeve

Rod Connection Sleeve: Reliable and Flexible Connection Solution

At Regbar, we provide a robust and adaptable connection solution with our Rod Connection Sleeves, designed for use in rock drilling operations. With their specialized design and durable construction, these sleeves are ideal for securely joining drill rod connections of various diameters and lengths.

Reliable Connections with Regbar Rod Connection Sleeves:

At Regbar, we are committed to offering the most reliable connection solutions in the industry. Our strong and flexible Rod Connection Sleeves enhance the safety and efficiency of your drilling operations.

Advantages:

Durable and Sturdy Construction: Crafted from high-quality materials, our Rod Connection Sleeves ensure a strong and lasting connection.

Flexible Compatibility and Ease of Assembly: Designed to accommodate rod connections of different diameters, these sleeves offer a flexible structure and easy assembly.

High Performance and Reliability: With precise engineering, our sleeves provide a reliable and effective connection solution, ensuring safe drilling operations.

Applications:

Mining: Used in the extraction of coal, metal ores, and other minerals.

Construction Industry: Ideal for foundation excavations, tunneling, foundation pilings, and other construction projects.

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Water Wells and Drilling: Employed in water well drilling and related operations. Geothermal Energy Production: Utilized for connecting drill rods in geothermal drilling projects.



Shank adapter

Shank Adapter: Flexible and Efficient Drilling Solution

At Regbar, we offer a versatile and efficient drilling solution with our Shank Adapters, specifically designed for rock drilling operations. With their robust structure and specialized design, these adapters are perfect for seamlessly connecting different rock drilling equipment.

Seamless Connections with Regbar Shank Adapters:

At Regbar, we pride ourselves on providing the best connection solutions for our customers. Our flexible, durable, and compatible Shank Adapters enhance the effectiveness and efficiency of your rock drilling operations.

Advantages:

Flexible and Compatible Design: Our Shank Adapters adapt to a variety of diameters and connection types, offering broad usability.

Durable and Reliable Connection: Constructed from high-quality materials, these adapters ensure a solid and dependable connection.

Easy Assembly and Use: With a practical design, our Shank Adapters allow for quick assembly and ease of use.

Applications:

Mining: Used in the extraction of metal ores, coal, and other minerals.

Construction Industry: Ideal for foundation excavations, tunneling, foundation pilings, and other construction projects.

Water Wells and Drilling: Preferred in water well drilling and related operations.

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Geothermal Energy Production: Employed to connect drilling equipment in geothermal drilling projects.



Bit adapter

Bit Adapter: Flexible and Efficient Drilling Solution

At Regbar, we offer a versatile and efficient drilling solution with our Bit Adapters, specifically designed for rock drilling operations. Featuring a robust structure and specialized design, these adapters are ideal for seamlessly combining different bit types and equipment.

Flexible Drilling Experience with Regbar Bit Adapters

At Regbar, we take pride in providing the best connection solutions in the industry. Our flexible, durable, and compatible Bit Adapters make your rock drilling operations more effective and efficient.

Advantages: Flexible Connection Solution: Our Bit Adapters provide the flexibility needed to connect various bit types or equipment, catering to diverse drilling needs.

Durable and Reliable Connection: Crafted from high-quality materials, these adapters ensure a solid and dependable connection, delivering long-lasting performance.

Easy Assembly and Use: With a practical design, our Bit Adapters enable quick assembly, facilitating efficient drilling operations.

Applications:

Mining: Used for extracting metal ores, coal, and other minerals.

Construction Industry: Ideal for foundation excavations, tunneling, foundation pilings, and other construction projects.

Water Wells and Drilling: Preferred in water well drilling and related operations. **Geothermal Energy Production:** Perfect for connecting drilling equipment used in geothermal drilling projects.

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