

Diamond Impregnated Drill Bits for Metal Ore Exploration

Diamond impregnated drill bits are designed for metal ore exploration and mining. These drill bits are engineered to perform optimally in hard, brittle, and broken rock formations.



Product Overview

High-Performance Exploration Bits

These diamond impregnated drill bits are specifically engineered for metal ore exploration and mining applications. Designed to excel in challenging environments, they perform optimally in hard, brittle, and broken rock formations. The bits feature superior diameter-keeping capabilities and an abrasion-resistant bond, ensuring fast drilling speeds and an extended operational life for deep-hole wireline drilling projects.

Technical Specifications

Bond Hardness

25 HRC
Min Hardness

45 HRC
Max Hardness

Manufacturing Process

Hot press sintering

Performance Capabilities

Key Performance Features

- Excellent diameter keeping ability
- High abrasion resistance
- Fast drilling speed
- Extended operational life

Drilling Depth Capability

Exceeding 800 meters

Suitable Rock Formations

Hard Rock, Brittle Rock, Broken Rock, Metal Ore Formations