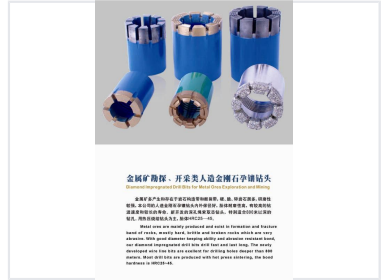


# Diamond Impregnated Drill Bits for Metal Ore Exploration

These diamond drill bits are designed for metal ore exploration and mining. They are engineered to drill through hard, brittle, and abrasive rock formations, suitable for deep-hole wire line core drilling applications.



## Product Overview

### High-Performance Exploration Drilling

These diamond-impregnated drill bits are specifically engineered for metal ore exploration and mining operations. Designed to excel in challenging geological conditions, they effectively penetrate hard, brittle, and abrasive rock formations commonly found in tectonic and fracture zones. With advanced manufacturing techniques like hot press sintering, these bits offer superior durability and consistent performance for deep-hole applications.

## Technical Specifications

### Drilling Depth Capability

**800 m**  
Optimal Depth

Bond Hardness	HRC 25-45
Manufacturing Process	Hot Press Sintering

## Performance Features

Performance Attributes	High Abrasion Resistance, Excellent Diameter Retention, Fast Drilling Speed, Extended Lifespan
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## Application Suitability

### Recommended Use Cases

- Metal Ore Exploration
- Mining Operations
- Deep-Hole Wire Line Core Drilling
- Hard and Brittle Rock Formations
- Abrasive Geological Zones