

Diamond Drill Bits

Diamond drill bits are used for rock drilling in mining. They are available in various types and face shapes to suit different rock hardness levels.

钻头规格/尺寸	钻头直径 (mm)	钻头长度 (mm)	钻头直径 (mm)	钻头长度 (mm)	钻头直径 (mm)	钻头长度 (mm)
钻头名称	系列	应用	应用	应用	应用	应用
钻头规格	系列	应用	应用	应用	应用	应用
HRC10-20	平锥钻头, 电鍍钻头, 合金钻头	中硬-软岩	中硬-软岩	中硬-软岩	中硬-软岩	中硬-软岩
HRC20-30	平锥钻头, 电鍍钻头, 合金钻头	中硬-软岩	中硬-软岩	中硬-软岩	中硬-软岩	中硬-软岩
HRC30-35	平锥钻头, 电鍍钻头, HRC30-35	中硬-软岩	中硬-软岩	中硬-软岩	中硬-软岩	中硬-软岩
HRC35-40	平锥钻头, 电鍍钻头, HRC35-40	中硬-软岩	中硬-软岩	中硬-软岩	中硬-软岩	中硬-软岩
HRC40-50	平锥钻头, 电鍍钻头, HRC40-50	中硬-软岩	中硬-软岩	中硬-软岩	中硬-软岩	中硬-软岩
钻头规格	应用	应用	应用	应用	应用	应用
平锥钻头	适用于硬岩, 砾岩, 钻头磨损保持良好, 金属分布均匀, 稳定性和少量磨损, 钻速稳定中速。					
合金钻头	适用于各种不同硬度和脆性岩层。					
电鍍钻头	适用于软岩, 能产生自磨蚀作用, 对于提高钻速。					
平锥钻头	适用于软岩, 能产生较大的切削力, 钻速在软岩中较快, 能防止孔斜。					
合金钻头	适用于中硬, 能产生自磨蚀作用, 防止孔斜, 提高钻速。					
电鍍钻头	适用于中硬至硬岩, 防止孔斜, 提高钻速, 可得到较好的岩芯。					

Product Overview

Professional Grade Diamond Drilling Solutions

Our diamond drill bits are engineered for high-performance drilling across a wide spectrum of geological formations. Designed to handle varying levels of rock hardness and abrasiveness, these bits incorporate advanced matrix technology to ensure consistent performance and longevity. Whether dealing with soft, medium, or extremely hard rock, our selection offers specialized face shapes and matrix types to optimize drilling speed, core recovery, and hole stability.

Technical Specifications

Available Drill Bit Types

- Impregnated Bits
- Electroplated Bits
- Full-Face Bits

Hardness Compatibility (HRC)

HRC 10-20, HRC 20-30, HRC 30-35, HRC 35-40, HRC 40-50

Selection Guide

Face Shape Selection Guide

Face Shape	Application/Benefit
Round	Used for hard/medium-hard rock; maintains lip integrity; uniform diamond distribution.
Flat	General purpose; suitable for various hardness and abrasiveness levels.
Conical	Used for hard rock; creates free-breaking space to increase drilling speed.
Stepped	Used for mixed rock hardness; provides stability and prevents hole deviation.
Roller	Used for soft rock; increases discharge space for cuttings; prevents clogging.
Bottom-Discharge	Used for water-sensitive strata; protects core from erosion; improves core recovery.