

# Metal Sealed Bearing Drill Bit

This drill bit is suitable for medium-hard formations with high compressive strength. It is designed with metal seals to protect the bearings from contamination and wear.



## ADDITIONAL IMAGES



## Product Overview

### High-Performance Drilling Solution

The Metal Sealed Bearing Drill Bit is engineered for demanding drilling applications where high durability and reliability are essential. Featuring advanced metal face seal journal bearings, this bit utilizes new hardfacing and silver plating processes to significantly improve load capacity, anti-galling ability, and overall stability. Its optimized design enhances drilling accuracy and reduces vibration, ensuring efficient rock removal across a variety of geological formations.

## Bearing Technology

Bearing System	Metal face seal journal bearing
Bearing Enhancements	Head bearing hardfacing, Cone bearing silver plating

## Cutting Structure

### Available Insert Shapes

- Scoop inserts
- Wedge inserts
- Conical-spherical inserts
- Double spherical inserts

## Performance Features

### Key Performance Attributes

High load capacity • Anti-galling • High stability • Efficient rock removal • Reduced vibration