

Rubber Sealed Bearing Drill Bit

This drill bit is designed for medium-hard formations with high compressive strength. The rubber sealed bearing system ensures smooth rotation and protects the bearing from contamination.



ADDITIONAL IMAGES



Product Overview

High-Performance Drilling Solution

The Rubber Sealed Bearing Drill Bit is engineered for superior load capacity and seizure resistance in demanding environments. Featuring advanced buna-N O-ring seals and an all-rubber pressure compensator, this bit ensures robust lubrication and protection against drilling fluid contamination. Its cutting structure utilizes high-strength tungsten carbide compacts to provide excellent rock fragmentation and an extended service life.

Bearing System

Sealing Mechanisms

- High-saturated Buna-N O-Ring
- Increased seal section design
- Precisely designed scaling flange
- All-rubber pressure compensator

Bearing Technology

Journal Bearing, Hardfaced Head, Silver-plated Cone Hole

Cutting Structure

Cutting Performance Features

- High strength and toughness carbide compacts
- Optimized compact row spacing
- Specialized compact exposure height
- Special shaped compacts

Steel Tooth Specifications

Tooth Surface Technology

Hard-faced with new-type wear resistant material for extended working life while maintaining high Rate of Penetration (ROP)

Applications

Primary Applications

Oil & Gas Exploration • Mining • Water Well Drilling