

Tricone Rock Drill Bit with Tungsten Carbide Inserts

This tricone bit features a hardfaced head bearing surface and silver-plated cone inner hole. The O-ring seal is made of wear-resistant, highly saturated buna-N for increased reliability.



ADDITIONAL IMAGES



Overview

High-Performance Tricone Rock Drill Bit

This tricone rock drill bit is engineered with premium tungsten carbide inserts, designed for high-strength drilling in demanding geological formations. It features advanced journal bearings with silver-plated surfaces and high-durability seals to ensure reliable performance and extended operational life. The optimized cutting structure provides excellent wear resistance and high rates of penetration for oil, gas, and mining applications.

Construction

Sealing and Lubrication

- Buna-N wear-resistant O-ring seal
- Precise sealing flange
- Rubber pressure compensator
- Lubrication system protection

Bearing System

Journal Bearing, Hardfaced Head, Silver-plated Cone Hole, High Seizure Resistance

Performance

Cutting Structure

- Tungsten carbide compacts
- Optimized compact row geometry
- Special shaped compacts for enhanced performance
- Hard-faced steel tooth surface for extended life

Application Compatibility

Oil Drilling • Gas Extraction • Mining • Water Well Drilling