

# 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