

Tricone Roller Drill Bits for Water Wells

These tricone roller drill bits are specifically engineered for water well drilling. They offer reliable performance in various geological conditions, ensuring efficient drilling operations.



ADDITIONAL IMAGES



Overview

High-Performance Tricone Roller Drill Bits

These professional-grade tricone roller drill bits are engineered for high-efficiency water well drilling applications. Available in both O-shaped and composite rubber sealing series, these bits are designed to maximize service life and reliability in diverse geological conditions. With advanced bearing technology and robust cutting structures, they effectively handle formations ranging from soft shale to abrasive flint.

Technical Specifications

Model Specifications Comparison

| Model | Diameter | IADC Code | Weight |
|---------|----------|-----------|--------|
| SHA537 | 216mm | 537 | 38kg |
| SHA637 | 311mm | 637 | 98kg |
| SHV117T | 250mm | 117 | 65kg |

Circulation Types

Mud Circulation, Water Circulation

Operational Metrics

Operating Parameters

73500 lb

Max WOB

180 rpm

Max RPM

Suitable Formations

- Shale
- Soft/Medium Limestone
- Sandstone
- Granite
- Coal
- Dolomite
- Flint