

Soil Entry Pilot Rotary Drilling Bit

This specialized drilling bit is designed for efficient soil penetration and removal. The single-bottom, single-side configuration enhances drilling speed and accuracy, while the pilot design ensures stability.



Overview

High-Performance Soil Entry Drilling Bit

This specialized rotary drilling bit is engineered for efficient soil penetration and removal across a wide range of geological conditions. Featuring a robust single-bottom, single-side configuration, it ensures stable and controlled drilling, significantly reducing the risk of deviation. Its modular design includes a removable pilot bit for easy disassembly and maintenance, making it an ideal solution for construction and geotechnical investigation projects.

Technical Specifications

Drilling Diameter Range

400 mm

Minimum Diameter

3000 mm

Maximum Diameter

Design Features

- Single-bottom, single-side configuration
- Removable pilot bit
- Easy disassembly for maintenance

Compatible Cutter Teeth

Flat Teeth, Pick Teeth, Bauer Teeth

Geological Compatibility

Applicable Stratum

- Sand layer (high water content)
- Silty clay
- Dense clay
- Sand and gravel layer
- Gravel layer
- Shell layer
- Iron sand
- High strength permafrost
- Strong weathered rock
- Soft stratum
- Complex stratum