

Soil Entry Pilot Rotary Drill Bit

This rotary drill bit is designed for efficient and precise drilling in soil. It features bilateral soil entry points that ensure optimal soil penetration and removal.



Overview

High-Efficiency Rotary Drilling Tool

The Soil Entry Pilot Rotary Drill Bit is a specialized solution engineered for precise foundation drilling, piling, and soil sampling. Featuring a single bottom configuration with bilateral soil entry points, this tool is designed to minimize resistance and maximize drilling speed. Its modular design allows for the use of interchangeable cutter teeth and removable pilot bits, ensuring adaptability across a wide range of complex geological conditions.

Technical Specifications

Design Features

- Removable pilot bits
- Single bottom configuration
- Bilateral soil entry points
- Easy disassembly

Drilling Diameter Range	400 mm
Max Drilling Diameter	3000 mm
Compatible Cutter Teeth	Flat Teeth, Pick Teeth, Bauer Teeth

Applicable Geology

Suitable Soil Conditions

- High water content sand layers
- Silty clay
- Dense clay
- Sand and gravel layers
- Shell layers
- Iron sand
- High strength permafrost
- Strong weathered rock
- Soft stratums