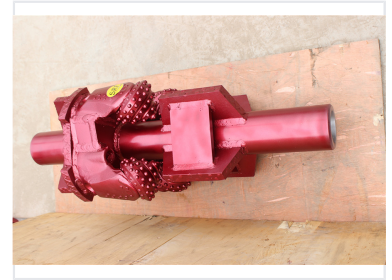


# HDD Hole Opener with Roller Cone Cutters

This HDD hole opener expands pilot holes during horizontal directional drilling. It features roller cone cutters with sealed or metal-sealed bearings, suitable for soft to hard rock conditions.



## ADDITIONAL IMAGES



## Product Overview

### Heavy-Duty HDD Hole Opener

This HDD hole opener is engineered for enlarging pilot holes across a wide spectrum of soil and rock conditions. Featuring robust roller cone cutters with options for sealed or metal-sealed bearings, it ensures consistent performance and longevity. The tool is highly customizable, with adjustable roller counts and nozzle configurations to match specific pullback power and drilling requirements.

## Technical Specifications

### Formation Compatibility

- Soft rock (Limestone, Sandstone)
- Hard formation (Granite, Basalt)

### Bearing Options

Sealed Bearing, Metal Sealed Bearing

### API Thread Connections

IF, FH

## Customization

### Roller Count

3, 4, 5 or more (custom build)

### Nozzle Customization

Yes

## Performance Metrics

### Performance Features

**3 rollers**

Minimum Roller Count

**5 rollers+**

Customizable Roller Count