

# Polycrystalline Diamond Compact PDC Drill Bit

This PDC drill bit features a high-quality steel matrix and deep, wide junk slots for effective cleaning and cooling. Multiple cutting blades are arranged around the bit face for efficient rock removal in oil and gas, geothermal, and water well drilling.



## ADDITIONAL IMAGES



## Product Overview

### High-Performance PDC Drill Bit

This Polycrystalline Diamond Compact (PDC) drill bit is engineered for high-efficiency drilling in soft to medium-hard formations. Featuring an integrated alloy forging body with advanced wear-resistant surfacing, it is designed to withstand demanding drilling environments while preventing matrix erosion. Optimized hydraulic design with deep, wide junk slots ensures superior cooling and cuttings removal, promoting faster penetration rates and anti-balling performance.

## Technical Specifications

<b>Body Material</b>	Integrated alloy forging with high-performance wear-resistant surfacing
<b>Cutter Technology</b>	High-performance PDC (Polycrystalline Diamond Compact) cutters
<b>Suitable Formations</b>	Soft Formations, Medium-Hard Formations, Shale, Sandstone, Limestone

## Design Features

### Hydraulic Features

- Deep and wide junk slots
- Optimized fluid flow for cuttings removal
- Enhanced cooling for drilling fluid
- Anti-balling design

## Applications

### Primary Applications

Oil and Gas • Geothermal Drilling • Water Well Drilling • Directional Drilling • Mining