

PDC Drill Bit

This PDC drill bit is designed with either 6 straight or spiral blades and high-density cutters. It is applicable for drilling in soft to medium-hard formations with small abrasive layers, as well as directional drilling and angle building.



ADDITIONAL IMAGES



Product Overview

High-Performance PDC Drill Bit

This PDC (Polycrystalline Diamond Compact) drill bit is engineered for high efficiency in soft to medium-hard rock formations. Featuring a robust multi-blade design with high-density cutters, it ensures effective rock removal and consistent performance. The inclusion of back-row cutters helps restrict cutting depth, reducing torque fluctuation and significantly extending the service life of the bit.

Design & Construction

Blade Count	6 blades
Blade Type	Straight or Spiral
Cutter Density	High density
Body Material	Tungsten Carbide Matrix, High-strength Steel

Performance Features

Suitable Formations

- Soft formations
- Medium-hard formations
- Small abrasive layers

Operational Capabilities

Directional Drilling • Angle Building • Oil & Gas • Mining • Geothermal

Key Benefits

- Reduced torque fluctuation
- Restricted cutting depth
- Extended service life
- Deep junk slot design