

4-Blade PDC Drill Bit for Soft to Medium Formations

This PDC drill bit is suitable for soft and medium-soft rock layers and high abrasive formations. The blade-less design features a large chip space and utilizes high-quality PDC films with strong anti-impact properties, improving drilling speed and service life.



Product Overview

High-Performance PDC Drill Bit

This 4-blade PDC drill bit is engineered for optimal performance in soft to medium-soft geological formations, including high-abrasive layers. Featuring a robust design with a three-dimensional rotating spiral blade runner, it ensures fast cutting and efficient exhaust. The integration of high-quality PDC films provides superior abrasion resistance and strong anti-impact properties, significantly extending the bit's service life.

Technical Specifications

Blade Count	4
Formation Suitability	Soft Formations, Medium-Soft Formations, High Abrasive Formations

Performance Features

Key Performance Indicators

4 blades

Blade Count

Design Advantages

- Large chip space for efficient removal
- Three-dimensional rotating spiral blade runner
- Swirl channel bottom flow field
- Anti-impact PDC film construction

Operational Benefits

- Improved drilling speed
- Avoids duplication of cuttings
- Enhanced service life
- Fast cutting exhaust