

Casing Drive Adapter for Drilling Rigs

Casing drive adapter designed for rock drilling and piling applications. This robust machinery component facilitates efficient casing installation in construction projects, ensuring stability and precision during drilling and piling operations.



Overview

High-Performance Casing Drive Adapter

This casing drive adapter is engineered for robust rock drilling and piling applications, facilitating efficient casing installation in diverse construction projects. It ensures exceptional stability and precision during drilling operations, integrating seamlessly with various drilling systems. Designed for durability, it supports the rotary drilling process by enabling stable formation penetration without the need for mud wall protection.

Technical Capabilities

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|----------------------|---------------------------------------|
| Series Compatibility | BG Series, Multiple Series Compatible |
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Construction Process

Rotary Drilling Workflow

- Rotary drilling rig + driver + flower tube setup
- Lower casing installation down to stable formation
- Direct drilling with rotary rig after reaching stable formation
- Wall protection achieved without mud usage
- Drilling to predetermined depth and hole clearing
- Steel cage placement and concrete pouring
- Casing extraction via rotary rig, puller, or crawler crane

Technical Parameters

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|---------------|---|
| Customization | Yes |
| Service Note | Technical parameters are fully customized according to specific customer needs and drilling requirements. |

Applications

Primary Applications

Rock Drilling • Piling Operations • Foundation Construction • Casing Installation