

Metal Face Seal Journal Bearing

This metal face seal journal bearing improves the load capacity, anti-galling ability, and stability. Its robust construction ensures reliability in demanding drilling conditions.



ADDITIONAL IMAGES



Product Overview

High-Performance Journal Bearing Technology

This metal face seal journal bearing is engineered to deliver superior load capacity and enhanced stability in demanding drilling environments. By utilizing advanced hardfacing processes on the head bearing and silver plating on the cone bearing, the design significantly improves anti-galling performance and operational longevity. These bearings are optimized for integration with various drill bit insert shapes, ensuring efficient and safe drilling operations across diverse geological formations.

Technical Specifications

Compatible Insert Shapes

- Scoop inserts
- Wedge inserts
- Conical-spherical inserts
- Double spherical inserts

Bearing Technology

Metal Face Seal, Journal Bearing, Hardfaced Head Bearing, Silver-Plated Cone Bearing

Performance Features

Key Performance Benefits

Improved Load Capacity • Anti-Galling • Enhanced Stability • Optimized Drilling Efficiency