

Needle Roller Clutch for Torque Transmission

Needle roller clutches are suitable for applications requiring one-way torque transmission. Their robust design ensures reliable performance and long service life, even under demanding operating conditions.



Product Overview

High-Performance Needle Roller Clutch

This needle roller clutch is engineered for precise one-way torque transmission in demanding mechanical systems. Featuring a robust cage design with needle rollers that engage seamlessly with inner and outer races, it ensures reliable free rotation in one direction and secure locking in the opposite. Its compact and lightweight construction makes it an ideal solution for automotive transmissions, starter drives, and various industrial applications requiring controlled torque transfer.

Technical Specifications

Common Applications

- Automotive Transmissions
- Starter Drives
- Mechanical Systems

Performance Characteristics

High Durability • Reliable Engagement • Demanding Environments

Key Features

Compact Design, Lightweight, One-Way Torque Transmission, Long Service Life