

One-Way Clutch Needle Roller Bearing

One-way clutch needle roller bearings are designed for reliable torque transmission and backstopping applications. These clutches feature robust construction with needle roller bearings for smooth operation and long service life.



ADDITIONAL IMAGES



Product Overview

Precision One-Way Clutch Engineering

These needle roller one-way clutches are mechanical devices engineered to transmit torque in only one direction while preventing reverse rotation. Featuring a hardened steel outer race and a complement of needle rollers, they provide high load capacity and smooth, reliable operation. They are essential components in industrial machinery, automotive systems, and equipment requiring precise backstopping, indexing, or overrunning capabilities.

Technical Specifications

Key Features

High Torque Capacity • Unidirectional Rotation • Hardened Steel Construction • Precision Manufacturing • Compact Design

Typical Applications

- Overrunning
- Indexing
- Backstopping
- Conveyor Systems
- Automotive Transmissions

Supported Series

HF, HF..KFR, HF..KF, HFL..KF, HFL..R, RC..FS, RCB, RCB..FS, RC, FCB, FC, EWC, CSK

Model Variants

Available Model Range

Series Category	Representative Models
HF / HFL Series	HF 0406 to HF 3520; HFL 0308 KFR to HFL 0822 KFR
RC / RCB Series	RC 061008 FS to RC 162110 FS; RCB 061014 to RCB 162117 FS
EWC Series	EWC 0406 to EWC 1209
CSK Series	CSK 8 to CSK 40; CSK 15 PP to CSK 40 PP