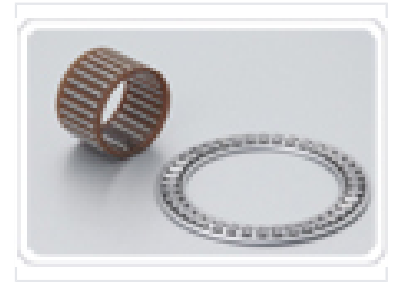


Needle Roller Bearing

Needle roller bearings use long, thin cylinders as rolling elements, typically arranged in a cage. With their high load-carrying capacity and small cross-section, they are suitable for automotive transmissions and other industrial equipment.



Product Overview

High-Performance Needle Roller Bearing

Needle roller bearings are specialized rolling-element bearings designed with long, thin cylinders that act as the rolling elements. These rollers are held in a precision cage or retainer to maintain optimal spacing and prevent skewing during operation. Their unique design offers an exceptionally high load-carrying capacity combined with a compact cross-section, making them ideal for space-constrained industrial and automotive applications.

Technical Specifications

| | |
|--------------|--|
| Bearing Type | Needle Roller Bearing |
| Key Features | High Load Capacity, Compact Cross-Section, Precision Cage Retainer |

Applications

Typical Applications

- Automotive Transmissions
- Engine Components
- Industrial Equipment