

NK Series Needle Roller Bearing

NK series needle roller bearings are designed for high load capacity and reduced space requirements. These bearings feature a cage that guides and retains the needle rollers for smooth operation.



ADDITIONAL IMAGES



Product Overview

Compact High-Load Bearings

The NK Series Needle Roller Bearings are engineered for applications where radial space is limited but high load-carrying capacity is essential. These bearings feature a robust outer ring and a needle roller cage assembly, allowing them to operate directly on quenched and ground shafts for maximum efficiency. Ideal for industries such as automotive, machine tools, and power transmission, they provide reliable performance in oscillating or reciprocating motion environments.

Technical Specifications

Size Range by Series

Series	Stud Diameter Range
NK Series	5-100mm
NKS Series	20-75mm
RNA Series	14-160mm
RNA69 Series	5-110mm
NCS Series	5/8-3 1/2 inch

Available Series

NK, NKS, RNA49, RNA69, RNAO, NCS

Key Features

Design Advantages

- Compact structure for space-constrained applications
- High radial load capacity
- Low friction operation
- Precise rotational accuracy
- Compatible with hardened and ground shafts

Typical Applications

Automotive • Gearboxes • Machine Tools • Power Transmission