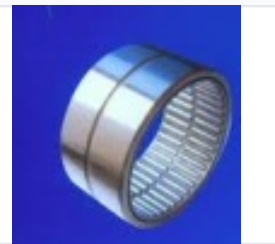


# Needle Roller Bearing Without Inner Ring

Needle roller bearings without an inner ring feature a machined outer ring, needle rollers, and a cage. These bearings are designed for applications where hardened and ground shafts serve as the inner raceway.



## ADDITIONAL IMAGES



## Product Overview

### Needle Roller Bearings Without Inner Ring

These needle roller bearings are engineered for applications where space is at a premium and a hardened, ground shaft can function as the inner raceway. Featuring a machined outer ring, needle roller, and cage assembly, they provide high radial load-carrying capacity in a compact form factor. The design includes a lubrication groove and hole in the outer ring to ensure reliable performance and extended service life in demanding industrial environments.

## Technical Specifications

### Available Series

NK • NKI • NKS • RNA49 • RNA69

### Components

Machined outer ring, Needle roller, Cage, Lubrication groove, Lubrication hole

## Performance Data

### Key Performance Metrics

Designation	Dynamic Load (N)	Static Load (N)	Limiting Speed (rpm)
NA4900	8006	9000	23700
NA4901	5047	6352	20000
NA4902	6447	9053	18800
NA4903	7010	10010	17000
NK10/12	4750	5350	23500
NK12/12	6050	6400	21640