

Member of the ZEN group

PBI INTERNATIONAL
ZEN BEARINGS FOR YOUR FUTURE

ZEN Needle Roller Bearing

- ✓ Automotive Industry
- ✓ Pumps and Compressors
- ✓ Automatic and Manual Transmissions
- ✓ Marine Applications
- ✓ Power Tools And Industrial Machinery

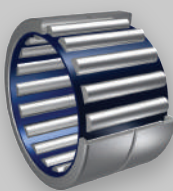
Needle bearings have much smaller cylindrical rollers for a given bore size. This gives the advantage of much higher speed capacity. Retainers prevent rubbing between adjacent needles for more effective guidance.

Although needle bearings are not as wide as standard types, their load carrying capacity is much higher which makes them suitable for applications where the load is high and the radial space is limited.



Drawn Cup Needle Bearings

Caged Version - HK, BK, HK-RS, HK-2RS
One Way Version - HF, HFL



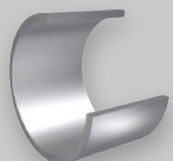
Radial Needle and Cage Assembly

Long Cylindrical Roller Versions - NK, NKS, NKI, NKIS
Ribbed Versions - RNA69, NA69



Yoke Type Track Rollers

With Axial Guidance - NATR, NATR PP, NATV, NATV PP,
NUTR, NUTR X



Inner Rings

IR



Axial Bearings

Axial Needle Roller and cage Assembly - AXK
Shaft Locating Washers - AS, WS
Housing Locating Washers - GS

For any information regarding the above, or any other ZEN products, please call us on [+44 \(0\)1227 793334](tel:+44201227793334), email us on sales@ball-bearings.co.uk or visit www.zen.biz.

