

Needle Thrust Roller Bearings

Thrust needle bearings feature cage and needle roller assemblies with a surface-hardened cage made of two precision-pressed steel sheets. The rollers are held securely in the cage to ensure optimal guidance even under large axial loads. These bearings are so space-saving that they can easily replace conventional plain bearing thrust washers in the same installation space. Various configurations are available, including stand-alone units, integrated raceway units, or units with different raceway thicknesses to suit the mounting conditions around the bearing.

Product Features

- Compact design with the same thin cross-section height as a thrust washer
- Using the gear side surface as the raceway allows for even greater equipment downsizing
- High rigidity and wear resistance due to surface-cage

Benefits

- Space saving
- Multiple configurations

Condition Description

- Compact Environment
- High Accuracy
- Low Noise
- Reversing Rotation

Industries

- Automation
- Automotive
- Packaging
- Rubber and Plastics
- Utilities

