

Single-Row Tapered Roller Bearings

Tapered roller bearings are designed so that the imagined conical apices formed by the raceways of the inner and outer rings and the rollers all converge at one point on the bearing axis. The trapezoidal tapered rollers used as the rolling elements are guided by a large rib on the inner ring.

Product Features

- Can take radial loads and axial loads in one direction
- Easy mounting as the inner ring (cone) assemblies and outer rings (cups) can be mounted independently
- Pressed cages are generally used, though large bearings may utilize pin-type cages

Benefits

- Can take high radial and axial loads in one direction
- Easy mounting as inner and outer Ring are separable
- Very reliable bearing solution
- High stiffness

Condition Description

- High Accuracy
- High Load

Industries

- Automotive
- Electric Motors
- Wind Energy



HR	302	10	J
----	-----	----	---

Description

HR	High capacity HR series
302	Basic designation
10	Bore size
J	Contact angle as per ISO