

# 594Single row tapered roller bearing, cone, inch size

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Tapered roller bearing cones (inner ring with rollers and cage), inch sizes, are intended to be combined with cups (outer ring) from the same series. Together they create a complete bearing that accommodates combined radial and axial loads and provides low friction during operation. By mounting one single row tapered roller bearing against another and applying a preload, a rigid bearing application can be achieved.

- Can be combined with cups from the same series
- High radial and axial load carrying capacity
- Accommodate axial loads in one direction
- Low friction and long service life

## Overview

### Dimensions

| | |
|---|---|
| Bore diameter | 95.25 mm |
| Width, total | 36.322 mm |
| Width, inner ring | 36.322 mm |

### Performance

| | |
|---|---|
| Basic dynamic load rating | 237 kN |
| Basic static load rating | 305 kN |

### Properties

| | |
|---|---|
| Bearing part | Inner ring, cage and roller assembly (cone assembly) |
| Bore type | Cylindrical |
| Cage | Sheet metal |
| Arrangement of contact angle (double-row bearing) | Not applicable |
| Matched arrangement | No |
| Coating | Without |
| Sealing | Without |
| Lubricant | None |
| Relubrication feature | Without |

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