

TIMKEN

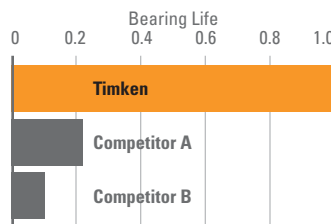
Uptime. The Strength of Your Fleet.

Timken® 454-Series™ Wheel Bearings for Commercial Vehicles

As a leader in tapered roller bearing technology, Timken engineers bearings to outlast and outperform those frequently used on original equipment.

Engineered with performance-enhancing features for severe-duty applications, Timken® 454-Series™ wheel bearings help increase fuel efficiency, improve load-carrying capacity, fit in popular axle and hub designs – and simplify installation – helping you accelerate your fleet’s uptime.

Longer Performance



Comparison testing with 575 Series bearings from OE bearing manufacturers A and B. Information derived from Timken Accelerated Life Testing, using significant statistical samplings of bearings in a controlled test environment.

Stronger. Value.

- **Simplifies installation**
- **Handles heavy loads riding on dual or wide-single tires**
- **Helps increase fuel efficiency**
- **Improves uptime**
- **Fits popular hubs**
- **Offers a wide range of part numbers**

Timken Bearings: Engineered for Reliability and Performance

Timken engineering advancements help increase bearing life and durability as a result of cumulative improvements in steel-making technology, fundamental design, precision manufacturing and gauging.

ENGINEERED STEEL: Manufactured with super-clean alloy steel, these long-lasting bearings are designed to meet severe-duty application requirements.

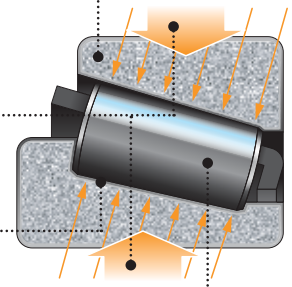
PRECISION PROFILES: Internal raceway profiles reduce stress on bearing components by distributing the loads evenly across contact surfaces – increasing load-carrying capacity.

TIGHT TOLERANCES: Uniform internal geometry, including angle of contact for cones and rollers, creates a precise match between cup and cone – extending bearing life.

ENHANCED SURFACE FINISHES: Advanced finishing processes generate smoother surface finishes on races and rollers to reduce friction – helping increase fuel efficiency.

FLEXIBILITY: Engineered for severe-duty applications in any configuration – dual and wide singles, 454-Series wheel bearings maintain consistency and simplicity within fleets.

COMPATIBILITY: 454-Series wheel bearings fit popular axle and hub designs, allowing retrofit into existing equipment.



| Application | Manual Adjusted | | | Timken® Set-Right® Bearings (Pre-adjusted) | | | Kit** |
|--------------------------|-----------------|----------|-----------------------|--|----------|-----------------------|--------|
| | Cone | Cup | MileMate® Bearing Set | Cone | Cup | MileMate® Bearing Set | |
| FF Steer Inner | NP454049 | NP454011 | SET440* | NP454357 | NP454773 | SET603* | FFTC2 |
| FF Steer Outer | NP454782 | NP454720 | SET496* | NP454005 | NP454398 | SET605* | |
| R Drive Inner | NP454594 | NP454592 | SET443* | NP454946 | NP454298 | SET600* | RDTTC2 |
| R Drive Outer | NP454580 | NP454572 | SET442* | NP454302 | NP454874 | SET601* | |
| N Trailer Inner | NP454248 | NP454210 | SET441* | NP454350 | NP454727 | SET602* | TNTTC2 |
| N Trailer Outer | NP454049 | NP454011 | SET440* | NP454357 | NP454773 | SET603* | |
| P Trailer Inner & Outer | NP454445 | NP454410 | SET444* | NP454964 | NP454561 | SET604* | TPTTC2 |
| FL Steer Inner | NP454461 | NP454420 | SET497* | | | | |
| FL Steer Outer | NP454555 | NP454552 | SET498* | | | | |
| Heavy Steer (Mack) Inner | NP454049 | NP454011 | SET440* | | | | |
| Heavy Steer (Mack) Outer | NP454280 | NP454220 | SET495* | | | | |

* Includes proprietary Timken part numbers. ** Each kit includes two MileMate® Bearing Sets and a spacer.

Note: A wheel bearing is one component of a wheel-end system. Consult your other wheel-end suppliers (i.e., axle, hub and wheel) for the ratings of their products.

Contact a Timken sales representative today to discover how our 454-Series tapered roller bearings can increase your fleet's uptime. (866) 9-TIMKEN (984-6536).

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The Timken team applies their know-how to improve the reliability and performance of machinery in diverse markets worldwide. The company designs, makes and markets bearings, gear drives, automated lubrication systems, belts, brakes, clutches, chain, couplings, linear motion products and related power transmission rebuild and repair services.

Stronger. By Design.

www.timken.com/aftermarket