

Replacing Tapered Roller Bearing Cones & Cups



Replacing Cones & Cups Together

NTN recommends replacing the bearing cone (inner race) and bearing cup (outer race) at the same time and that both components come from the same manufacturer. Mixing manufacturers can cause various problems leading to potential bearing failures and unscheduled downtime.

Choose NTN Cone & Cup Sets Rather Than Individual Components

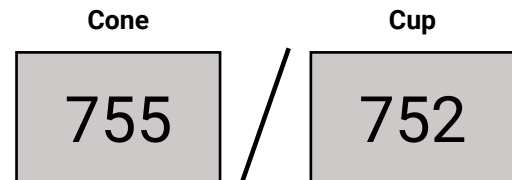
An NTN cone & cup set is an NTN matched inner race and outer race in a convenient, single box. Purchasing NTN cone & cup sets can provide the following benefits over purchasing the components individually:

- **Simpler Handling**
 - » Bearing components are together in one box for easier ordering and storage
- **Lower Costs**
 - » Save money on handling, inventory, and administrative costs
- **Decrease Failures & Unscheduled Downtime**
 - » Avoid these common problems caused by mixing manufacturers
- **High-quality Parts**
 - » All NTN cone & cup sets are proudly made in the USA & Japan
- **Flexible Inventory**
 - » NTN can provide any available matched cone & cup in a set for both inch & metric sizes

Common Problems Caused by Mixing Parts

- Incompatible internal bearing profile
- Overall bearing width inconsistencies due to tolerance differences
- Bearing load rating differences
- Surface finish variations due to different manufacturing processes
- Steel quality & cleanliness variations due to variances in bearing manufacturing quality.

NTN Cone & Cup Set Nomenclature



Please contact your local NTN Sales Representative for more details.

Beyond Bearings

Training. Installation Support.
Trouble-shooting. And more.

When you choose NTN, your team is equipped with all the necessary tools and resources to get the job done right. From installation to problem-solving, we'll be there with the hands-on support you need to take on your toughest challenges. This includes extra services such as:



Technical Training Unit

On-site, mobile training unit offering specialized, hands-on instruction from NTN engineers



Product Training School

Three days of in-depth instruction from our engineers at NTN headquarters
(go.ntnamericas.com/trainingschool)



eKnowledge

WEB-BASED TRAINING PROGRAM

Six online product training modules covering different bearing types and nomenclature
(www.ntnamericas.com/eknowledge)



NTN Bearing Finder

Customizable search tool featuring exhaustive data sets, comprehensive part interchanges and interactive CAD drawings
(bearingfinder.ntnamericas.com)



Ready to get rolling? Contact us today for full details at
1-888-412-4122 or techsupport@ntn.ca.

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