

# Tapered Roller Bearings

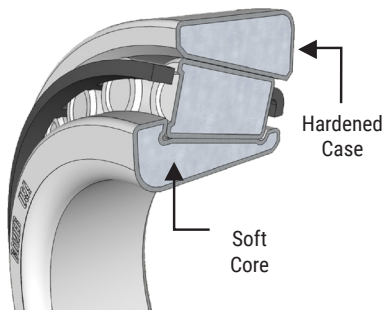


## Designed to endure the unbearable

NTN tapered roller bearings (TRBs) are designed for the most demanding applications in industries such as mining, forestry and steelmaking. With almost 100 million tapered roller bearings manufactured every year under NTN and Bower brands, it's no wonder that NTN TRBs rival all major competitors on the market.

## Heat treated based on application needs

Case carburization creates a hardened steel "case" around the outside of the bearing, while leaving a soft core, providing excellent heavy shock-load capabilities. Case carburization also delivers greatly increased component durability and extended life, resulting in increased maintenance intervals and reduced downtime.



NTN also offers TRBs with through-hardened steel, including many of our ISO TRBs, for applications requiring less shock load capabilities as a cost-competitive alternative.

## Trust the quality of NTN TRBs

- Case-carburized steel
- Crowned rollers
- Super-finished rollers & raceways
- Products proudly made in USA and Japan
- Inch & metric in stock with flexible inventory

## Comprehensive product coverage

NTN offers tapered roller bearings in ISO (metric), inch and J-metric series. NTN also supplies tapers as single-row (cone/cup), two-row (back-to-back or face-to-face), double-row (double cup or double cone) and four-row assemblies. NTN and Bower integrated offerings allow customers to optimize their TRB selection by customizing geometries and surfaces, ensuring the product delivered meets customer needs.

Bower is a registered trademark of NTN-Bower Corporation, Macomb, Illinois.



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# 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](http://go.ntnamericas.com/trainingschool))



## eKnowledge

WEB-BASED TRAINING PROGRAM

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



## NTN Bearing Finder

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



Ready to get rolling? Contact us today for full details at  
1-800-323-2358 or [eng@ntnamerica.com](mailto:eng@ntnamerica.com).

# NTN®

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