

# ULTAGE™ Cylindrical Roller Bearings



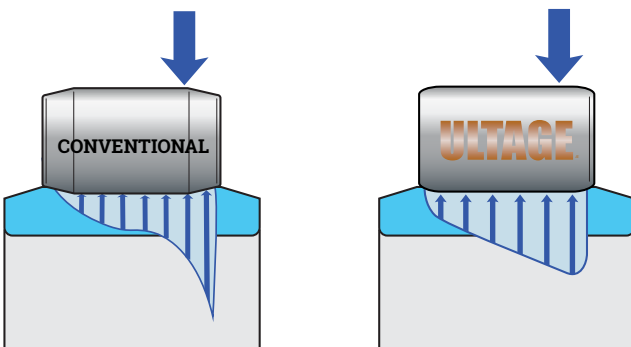
Since 1918, NTN has been a trusted OE manufacturer of high-performing bearings that increase productivity and efficiency. With plants in the United States, Japan and Western Europe, NTN is the world's broad-line bearing manufacturer.

NTN has developed ULTAGE to meet the industry's most demanding applications, and offers a broad array of ring configurations, cage styles, and internal clearances.





## Remove Stress Concentrations with ULTAGE Enhancements

Under heavy loading, stress concentration can be generated, which ultimately reduces bearing life. Edge stress can be generated when heavy loading is combined with bearing misalignment.

The ULTAGE design creates smooth stress distribution across the contact area, reducing edge stress. Even under harsh conditions, the optimized internal geometry of the ULTAGE product line will reduce stress, leading to longer bearing life.



## ULTAGE CRB advantages

-  Up to 20% higher dynamic load rating nearly doubles bearing life
-  Optimized internal geometry increases max speed by 20%
-  Dimensionally interchangeable with conventional CRBs
-  Improved bottom line due to less downtime and maintenance

## ULTAGE CRB Nomenclature

Type	Series	Bore Diameter	ULTAGE Designation	Cage	Clearance	Precision
NU	22	04	EA	G1	C3	P6

# 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 NTN engineers at headquarters  
([go.ntnamerica.com/trainingschool](http://go.ntnamerica.com/trainingschool))



## eKnowledge

WEB-BASED TRAINING PROGRAM

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



## NTN Bearing Finder

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

NTN USA CORPORATION • 1600 E. Bishop Court • Mount Prospect, IL 60056-7604, U.S.A.

Tel: 847-298-7500 • Fax: 847-294-1205 • [www.ntnamerica.com](http://www.ntnamerica.com)

NTN is a registered trademark of NTN Corporation. Osaka, Japan

17NUTGCRB