



How the big guys roll.

Wherever you dig, load, move and crush, you'll find bearings engineered and built by NTN. We've been a top OEM supplier to the surface mining industry for five decades running. And along the way, our NTN- and Bower-branded products have become the global standard for custom-designed bearings in mining trucks and excavators. NTN's newest innovations build on this legacy by taking performance to new heights—delivering the quietest, coolest and highest-capacity bearings in the market.





The OEMs' choice for reliability.

You'll find NTN-engineered bearings inside everything from giant haulers to draglines, electric rope shovels to drills, pulverizers, conveyors and beyond. Our OEM partners count on us to engineer reliability and durability into their critical surface mining equipment.

Built for the extremes.

The high loads, grit, vibration and shocks of surface mining require bearing designs that reduce unplanned failures, extend your service intervals and improve machine performance. That's why we apply our deep industry knowledge to engineer solutions that make a real difference to your operation's productivity—while reducing your overall equipment lifecycle costs.


For the toughest loads.

NTN offers both customized and standard solutions to provide you with the exact product for every application. So whether it's a specially designed tapered roller bearing for a mining truck wheel, or an E-type cylindrical roller bearing for a hoist & drag system, NTN has exactly what our mining customers need.



Innovative NTN ULTAGE® Faster. Cooler. Stronger. Better.

NTN engineers never stop pushing the boundaries of performance. Case in point: Our new-generation ULTAGE® series—addressing end users' needs for maximum possible output and durability in the most severe applications. These large-bore taper, cylindrical and spherical bearings combine special alloys with an optimized roller complement and retainer design—enabling the highest load capacity and allowable speed for a given bearing type and size.

	Dragline/Shovel Walking Systems	Dragline/Shovel Hoist & Drag Systems	Dragline/Shovel Swing Systems	Haul Truck Front Wheel	Haul Truck Rear Wheel	Haul Truck Final Drive	Surface Miner Conveyor
NTN ULTAGE® Spherical Roller Bearings		●	●				
NTN ULTAGE® SAFD Plummer Blocks							●
Sealed WA-type Spherical Roller Bearings							●
Large-Bore Tapered Roller Bearings	●	●		●	●		
NTN ULTAGE® E-type Cylindrical Roller Bearings	●	●	●				
HL-RU Special Cylindrical Roller Bearings							●
Multi-row Cylindrical Roller Bearings		●				●	

Let's get rolling.

We're here to help you achieve your productivity and performance goals. For more information, contact your NTN Sales Representative or **call 1.800.232.2358**. For technical questions, **email eng@ntnamerica.com**.

NTN USA CORPORATION • 1600 E. Bishop Court • Mount Prospect, IL 60056
Tel: 847-298-7500 • Fax: 847-699-9744 • www.ntnamerica.com

