



Full-Line, Application-Specific Coverage

BCA® Supplies Premium, OE-Quality Wheel Hub Assemblies & Bearings

**Gen 3 – Wheel Hub Assembly:**

Double-flange angular contact bearings and double-flange tapered bearings; brake disc and wheel mounts to one flange, the other flange mounts to vehicle knuckle

- Fully integrated, maintenance-free component ideal for precise performance, and easy installation & replacement



**Gen 2 – Wheel Hub Assembly:**

Single-flange angular contact bearings and single flange tapered bearings; depending on the application design, either the hub flange mounts to brake disk, or the attachment flange mounts to vehicle knuckle

- Combination of convenient, cost-effective option and integrated components ideal for installation and replacement ease



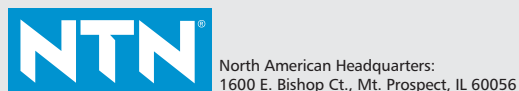
**Gen 1 – Wheel Bearing:**

Unitized double-row angular contact bearings and double-row tapered bearings; presses into vehicle knuckle

- Lightweight, compact design ideal as a cost-effective solution



For more information, contact a Sales Representative or visit [www.bcabearings.com](http://www.bcabearings.com).



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**THE #1 SUPPLIER OF  
OE-QUALITY  
HUB ASSEMBLIES**



BCA® has over a century of experience supplying wheel end solutions in the USA. Today BCA is owned by NTN, a global manufacturer of wheel hub assemblies and bearings.

As the #1 Supplier of OE-Quality Hub Assemblies, we fulfill more than 30% of the demand for North American OE vehicle production from our Elgin, Illinois plant. In the Aftermarket, this gives BCA the advantage of providing highly-engineered replacement parts that meet or exceed OE engineering specifications. We leverage this expertise to offer full-line application coverage for both domestic and foreign nameplates.

#### World's Largest Hub Manufacturing Plant – Elgin, IL

NTN's Elgin, Illinois plant is the largest manufacturer of hub assemblies in the world, supplying more product to OEMs and the Aftermarket than any other single facility. The Elgin facility totals 670,000 square feet, has 36 high-volume automated assembly lines and employs a highly skilled workforce of more than 650 people.



#### Other NTN Automotive Manufacturing Facilities

**USA:** Hamilton, AL • Macomb, IL • Carol Stream, IL • Columbus, IN • Frankfort, IN

**Canada:** Mississauga, Ontario

**Japan:** Okayama

**France:** Meythet • Seynod • Alès



## Key Advantages of BCA® Wheel Hub Assemblies

**Application-Specific Engineering Design** to ensure the correct fit, function and maximum performance of the hub unit.

*BCA hub assemblies are engineered to the OE design and specification for each particular make & model. Every hub goes through rigorous testing to ensure that the part performs to BCA's exacting standards.*

**Application-Specific, OE-Style ABS Plugs & Sensors** to ensure proper connection & performance.

*Each sensor on BCA hubs is validated to meet or exceed OE specifications to ensure proper functionality of the ABS module on the vehicle.*



**Components Made with Premium Quality Materials** to ensure that customers receive a robust, durable product.

*These components include forged steel rings, seals, precision cages, rolling elements, grease and hub bolts.*

- Forged Steel inner and outer rings must meet BCA's stringent steel quality specifications, which optimizes bearing life.
- Seals are customized for each BCA hub based on application-specific material & design requirements to minimize the chance of contamination and maximize bearing life.