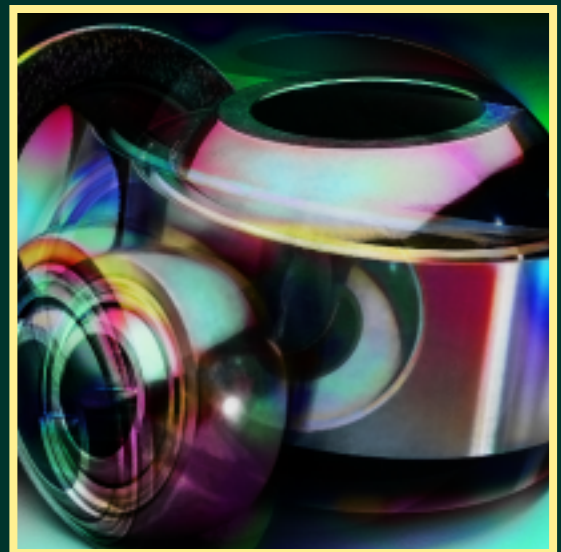




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**spherical bearings**  
**loader slot bearings**  
**rod end bearings**  
**sleeve bearings**

**ASTRO DIVISION**  
**PRODUCTS AND**  
**ENGINEERING**



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## ***Welcome to the Astro Division of NHBB***

The Astro Division of NHBB has firmly established its leadership position in the rod-end and spherical-bearing business by providing engineering solutions for complex application problems.

Product quality is NHBB's first priority. The employees of the Astro Division are dedicated to manufacturing products that meet the exacting specifications of today's demanding market environment. Initiatives such as AS9000, D1-9000 Rev A., and ISO 9001 are the foundation for our organization's commitment to quality.

While the Astro Division is well positioned to provide a standard product line at a competitive price, the Division also has extraordinary strength in custom design and production. This catalog is designed to help you find both the custom and standard products you may need for your applications.

Please contact Astro's sales or engineering groups for assistance with your specific requirements.

# CAPABILITIES

## *Product Quality is Our First Priority*



### **WE MEET EVERY STANDARD IN THE BOOK**

We employ over 1,000 people in a total of 455,000 sq. ft. of manufacturing, engineering and administrative facilities. With a dedicated R&D staff, materials and testing laboratories, state-of-the-art manufacturing, and continuous quality programming, we maintain stringent controls over each step in the manufacturing process. This enables us to meet every major standard, including:

- ABEC
- MIL-SPEC
- AS 9000
- RBEC
- ISO 9000
- DI-9000 Rev. A





## Ongoing New Product Development



### HITECH DIVISION

Cylindrical Roller Bearings

### WE CAN MAKE JUST ABOUT ANY BEARING

While NHBB's three divisions offer a wide range of standard bearings, our specialty is custom bearing design and manufacture. We also have the facilities to develop and incorporate special materials and lubricants in order to meet the requirements of leading-edge applications. We encourage you to consult with NHBB engineers as early as possible in the product design phase. We'll acquaint you with the most up-to-date developments in bearing technology and their impact on your applications.



### ASTRO DIVISION

Racing Series Bearings



### ASTRO DIVISION

Rod Ends, Sphericals and Link Assemblies



# CAPABILITIES

## Ongoing New Product Development



### HITECH DIVISION

Ultra Precision Machine  
Tool Bearings



### PRECISION DIVISION

Miniature and Instrument

### OUR FACILITIES INCLUDE:

- CAD CAM-based Manufacturing and Design
- Metallurgy and Testing Laboratories
- Class 10,000 Clean Room
- Class 100 Clean Workstations
- World Class Manufacturing
- Comprehensive Life Testing



### ASTRO DIVISION

Composite Components