

# HIGH PRECISION BEARINGS

## AND RELATED PRODUCTS



**MINIATURE AND  
INSTRUMENT BEARINGS**



**NEEDLE BEARINGS**



**LINEAR PRODUCTS**



**EXTRA THIN BEARINGS**



**DOUBLE ROW BEARINGS**



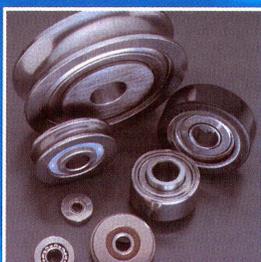
**MOUNTED BEARINGS  
AND INSERTS**



**BUSINESS MACHINE  
LOCKING COLLAR AND  
FLANGETTE BEARINGS**



**SINGLE ROW  
RADIAL BEARINGS**



**MODIFIED AND  
SPECIAL-DIMENSION  
BEARINGS**



**RADIAL AND ANGULAR  
CONTACT HIGH-SPEED  
SPINDLE BEARINGS**

***We offer world-class products and services, application expertise, failure analysis, custom re-lubrication, inventory-management programs, mechanical sub-assemblies and knowledgeable and responsive sales people.***



**PLAIN BEARINGS:  
SPHERICALS, ROD ENDS,  
AND JU & JX BUSHINGS**



**MECHANICAL  
SUB-ASSEMBLIES**



**TAPERED  
ROLLER BEARINGS**

AST Bearings are used extensively wherever precise rotation is necessary. In medical and dental equipment, packaging and mailing machines, automotive applications, construction, mining and agriculture equipment, power tools, electric motors, computer printers and disk drives, X-Y plotters, and many other applications too numerous to mention.

We are proud to be the exclusive national stocking distributor for GRW, a world recognized manufacturer of high precision bearings from Germany. We are also an authorized national stocking distributor for EZO/Sapporo, IKO, RBC, IKS, IGUS, IJK, INA, JAF, KBC, KSK, Nachi, NTN, ORS, URB, SMT, ABBA, GMN, FYH and many others. We are continually expanding and improving our product lines to meet the ever changing demands of our customers.



### **MAIN OFFICE AND WAREHOUSE**

115 MAIN ROAD MONTVILLE, NJ 07045-9299  
TEL: 973.335.2230 FAX: 973.335.6987  
**TOLL FREE: 800.526.1250**

### **CALIFORNIA OFFICE AND WAREHOUSE**

3A FARADAY IRVINE, CA 92618-2752  
TEL: 714.543.8788 FAX: 949.951.5634  
**TOLL FREE: 800.227.8786**

***For more information contact the AST office nearest you, or visit us online at [astbearings.com](http://astbearings.com)***



# **THE COMMITMENT: QUALITY WITHOUT COMPROMISE**

*For nearly 40 years, AST Bearings has been a leading provider of High Precision Bearings, supplying a diverse range of industrial customers. With our value added services, whether an application calls for an off-the-shelf product or requires an engineered solution, AST is your one-stop source for Bearings, Bushings, Spherical Plain Bearings, Rod Ends, Tapered Rollers, Linear Motion Products, Custom Mechanical Sub-Assemblies and much more.*



## **FAST RESPONSE TO CUSTOMER REQUIREMENTS**

*When you call AST Bearings you are assured of getting the very best product and service. As dedicated bearing specialists, we stay at the cutting edge of bearing technology and we are constantly replenishing inventory from world-class manufacturers. Call one of our offices with your next project; you will be impressed with the knowledge and responsiveness of our sales staff.*



## **APPLICATION ASSISTANCE/RESEARCH & DEVELOPMENT**

*AST employs superlative design engineers and quality specialists that work with your professionals at our offices or yours. Together, we can create the most cost-effective solutions to your full range of needs, just as we have done with thousands of other challenging customers.*



## **EXCLUSIVE BEARING ANALYSIS SYSTEM**

*Armed with years of application and precision instrumentation knowledge, AST's engineers can evaluate the pros and cons of a bearing for a particular application. Bearings are judged from a number of perspectives, including load and speed requirements and environmental factors that affect bearing performance. This program is so effective that high quality manufacturers use our services and rely on the results to ensure the quality of their bearings.*



## **LUBRICATION SPECIALISTS**

*In our New Jersey headquarters we operate one of the largest bearing-lubrication facilities in the United States, including a Class 10,000 clean room. Our lubrication specialists work with hundreds of different lubricants and fill-ratios and can formulate custom lubricants that meet the precise needs of unusual applications.*



## **SUB-ASSEMBLIES**

*AST offers the option of providing ready-to-install sub-assemblies rather than the individual bearing component. For many customers, this option reduces their purchasing efforts, inventory investments, and inspection costs. Buying assemblies from AST provides access to AST's engineering and sourcing expertise. Whether you are building assemblies in house, or buying them from a sub-contractor, let AST prepare a quote.*

## **INVENTORY-MANAGEMENT SERVICES**

*As our customers strive to reduce inventory costs and to compete on time, AST is ready to help. Our "ASTeam" program encompasses a range of inventory-management services such as Kanban and JIT deliveries, consigned or bonded inventory, kitting, and hold-for-release order management. Several customers have qualified us as a ship-to-stock or ship-to-work cell vendor.*

**Call AST Bearings Today... Reducing Friction To Keep You In Motion!**