



Ritbearing

**SEMICONDUCTOR
MANUFACTURING
EQUIPMENT BEARINGS**

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Ongoing technological advancements have led to more semiconductors in the market. That equipment in turn needs quality bearing supplies that allow applications to operate quickly and efficiently, without any chance of corroding or otherwise damaging the semiconductors. Because of the need for quality bearing products, Ritbearing offers a variety of semiconductor related bearings. Bearings for the front end wafer manufacturing and processing, along with bearings for back end testing are readily available.

- Communications Technology – smartphones, wireless networks, etc.
- Computers
- Consumer electronics
- Automotive electronics
- Industrial/medical
- Government and military



Features:

CROSSED ROLLER BEARINGS - High load capacity within a light and compact design. High rigidity. Easy to handle and install.

DOUBLE ROW BEARINGS - Greater load carrying capacity than single row options. Handle both axial and radial loads. Feature deep raceways.

MINI CAM FOLLOWERS - Smaller size allows for use in tighter spaces. Handles intermittent shock and heavier loads. Available in standard and special dimensions.

PLASTIC BEARINGS - Resistant to rust. Can handle applications without the use of grease or oil. Resist chemical changes. Do not conduct electricity.

STAINLESS STEEL BEARINGS - Greater corrosion resistance than standard materials. Higher stability in high temperatures. Can be manufactured in a variety of metric or inch options.

THIN SECTION BEARINGS - Multi-load capabilities. Lightweight and very compact. Shorter lead times than most other bearing solutions. All popular sized cross sections manufactured.



Applications:

- Assembly & Packaging Equipment
- Chemical Mechanical Polishing (CMP)
- Chemical Vapor Deposition (CVD)
- Fabrication Tools
- Other Wafer Processing & Handling Equipment
- Probe & Inspection Equipment
- Process Transfer Robots
- Thermal Processing Equipment
- Vacuum Chambers

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Manufacturers:



SMT

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