

High Quality Products Simplify Your Manufacturing Process

High precision integral bearing / component assembly for satellite solar array panels.



Super precision cartridge bearings for x-ray tube applications.



Bearing assemblies for surgical handpieces and medical devices.



Gimbal assemblies for pointing & seeking devices.



Cartridge bearings for automotive turbochargers and industrial applications.



About Timken Super Precision

Timken Super Precision is a world leader in the design and manufacture of miniature instrument, thin section, airframe and metric ball bearings, and bearing related assemblies. Our business was founded over 60 years ago by a New England entrepreneur who developed a miniature ball bearing to replace a jewel movement in a timepiece. From these early efforts a whole industry evolved and Timken Super Precision, as the company became known, prospered through product development and technical leadership.

Today, as a subsidiary of The Timken Company with vast global resources, Timken Super Precision is able to apply the most advanced bearing technologies for its customers' most critical applications.

Our quality and continuous improvement initiatives speak to Timken Super Precision's organizational and management philosophy. As a supplier with ISO 9001 registration, AS 9000 & D1 9000 AQS certifications, Timken Super Precision is positioned to provide quality products with the consistency of process resulting in total customer satisfaction.

The strength of our business resides with our highly experienced personnel, a team of individuals who are dedicated to applying the latest technologies and manufacturing know-how, to produce the finest quality precision bearing products in the world.

Contacts:

United States

Timken Super Precision - World Headquarters
P.O. Box 547, Precision Park
Keene, New Hampshire 03431-0547
Phone: (603) 352-0310 Fax: (603) 355-4553
E-mail: tsp@timken.com
Internet: <http://www.timken.com/tsp>

Asia

Timken Super Precision Singapore Pte Ltd.
Block 1, Kallang Sector, #06-04
Singapore 349276
Phone: (65) 6841 4380 Fax: (65) 6841 4485

Europe

Timken Super Precision Europa BV
Overleek 9
1671 GD Medemblik, The Netherlands
Phone: (31) (0) 227 542344 Fax: (31) (0) 227 544552

Timken® is a registered trademark of
The Timken Company
www.timken.com/tsp

©2002 The Timken Company
Printed in U.S.A.
1M-07-02-19
Order No. 5906

TIMKEN®

Precision Rotary Assemblies



Timken Super Precision
A TIMKEN COMPANY SUBSIDIARY

Precision Rotary Assemblies Produced to Your Specifications



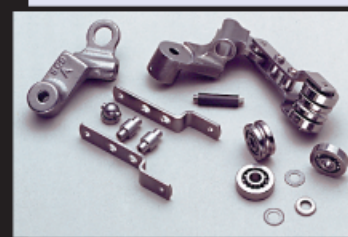
Vapor recovery pumps and mechanisms utilizing magnetic couplings and hybrid bearings.



Tape guide assemblies and capstans for magnetic data storage.



Magnetic couplings for flow meters.



Fuel control mechanisms for the aerospace industry.



Low torque mechanical assemblies for flow meters.

Global manufacturing and sourcing of super precision ball bearings and rotary assemblies for demanding applications.



Timken Super Precision has built a worldwide reputation as a manufacturer of high quality ball bearings, and developed a global manufacturing network to enable cost effective sourcing of components in high volume. Our manufacturing facility in Singapore, excels in low cost contract assembly of precision devices. Timken Super Precision Singapore offers process and design engineering services, class 100 clean environments and low cost sources of precision components. Together with Timken Super Precision in the USA and Europe, our facilities and highly qualified staff of bearing specialists are positioned to provide superior service for high volume assemblies in markets around the world.

Contract Manufacturing

At Timken Super Precision, we have built a state-of-the-art design and manufacturing business that is backed by more than 60 years of engineering precision mechanics. Our expertise in the world of super precision begins with design engineering and ends with final production, including every step in between to provide you with super precision assemblies to exacting standards. Through our contract manufacturing services, we begin by working directly with your engineers to identify your unique applications, engineer a solution, and final production.

Contract Engineering

- Product & Process Design
- Precision Mechanical & Electromechanical Devices

Contract Manufacturing

- Leaders in Manufacturing Technologies
- Special Materials & Coatings
- Metal, Polymer & Ceramic Components



Contract Assembly

- Class 100 White Room Environments
- Discrete & Integral Precision Assemblies
- Dynamic Balancing
- Product Testing

Rotary Assemblies...Our Specialty

We specialize in the building of rotary assemblies, taking our bearing design and manufacturing expertise to the next higher level, whether that is for high precision or high volume. Timken Super Precision also designs and produces specialized integral assemblies, which utilize super precision bearings that are mated with components manufactured to extremely tight tolerances. Integral assemblies provide the ultimate bearing solution by avoiding tolerance stack-ups. If precise fits are required for system accuracy, we can match fit bearings and components for higher yields and lower cost to you.



Timken Super Precision Singapore Pte Ltd. – Kallang, Singapore

Design and assembly of precision bearing products.

Timken Super Precision – Keene, NH

Standard and special precision miniature and instrument bearings 0.59" to 1.5" OD, thin section bearings .625" to 6.0" OD, airframe bearings, disk spindles, gimbals, rotary assemblies.

Timken Super Precision Europa BV – Medemblik, The Netherlands

Design and assembly of precision bearing products.