NATIONAL PRECISION BEARING

CORROSION RESISTANT

EXCEPTIONAL QUALITY

ULTRA HIGH PRECISION

CLINICAL GRADE



Miniature & Instrument Bearings for Medical & Dental Applications



Global Solutions on a National Level

When failure is <u>not</u> an option.

Where do you look for support when you require immediate response, exact adherence to specification, the highest quality and clear communication?

our customers turn to you for their critical requirements, now you can turn to National Precision Bearing for precise solutions to your critical bearing needs. With over 25 years experience serving medical and aerospace customers with high precision bearings, National Precision is the distribution leader in miniature precision and high speed bearings. There is no reason to settle for average when you can have exceptional product and support through National Precision.

Let National Precision Bearing serve as your dedicated bearing expert working to provide you the best product, at the right time, for the lowest total cost. With the industry leading bearing manufacturers reporting lengthening lead times and increased costs, National Precision has leveraged its experience and position in the market to offer specialty product from stock at reduced overall cost. If the product you require does not exist, National Precision will partner with its key suppliers to produce bearings for even the most challenging requirements well inside of standard lead times.

Products available from stock in a broad range of sizes with the following characteristics:

- » High speed capability up to 500,000 RPM
 - » Exceptionally smooth and quiet running
 - » Angular contact and machined retainers
 - » Autoclavable and corrosion resistant
 - » Ceramic and antimicrobial silver component materials
 - » Specialty lubricants, including food grade greases and oils

Unflanged Shielded (Machined Crown)



Angular Contact Single Shield (Machined Full Type)

National Precision Bearing offers:

- » A class 1000 cleanroom for relubrication, packaging and custom assembly
- » 75+ years of in-house medical bearing application and specification experience
- » Over \$2,000,000 in bearing inventory for medical applications
- » A nationwide sales team providing the highest level of service in the industry
- Flexibility to offer stock and supply solutions based on customer needs
- » Custom bearing and component assembly

National Precision supports medical device manufacturers with bearings in FDA approved devices ranging from blood pumps and powered surgical instruments to monitoring and diagnostic equipment. Our customers have come to expect same day response and rapid turn around, allowing them to respond quickly to new opportunities. Now you can expect the same from your miniature bearing supplier, National Precision Bearing.



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Mechatronics Inc. is a leading manufacturing, distribution and contract manufacturing corporation with four operating groups. Mechatronics ISO 9001:2000 registered operating groups are respected by customers and vendors around the world. Our corporate diversification has enabled us to achieve consistent growth in all markets for over 25 years.



National Precision Bearing Group is a leading national supplier of precision miniature ball bearings, aircraft bearings and industrial bearings to a worldwide market. This group operates a class 1000 clean room and relubrication facility to support the needs of their aerospace, medical, dental, computer and industrial customer requirements.

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vvwww.nationalprecision.com



SilverThin Bearing Group is a USA manufacturer of thin section bearings for the high technology, industrial and distribution markets.

Toll Free Tel: **(866) 294-5841** Tel: (425) 222-5900 Fax: (425) 222-7535

www.silverthin.com



Mechatronics Fan Group is a leading source of AC and DC axial cooling fans, fan assemblies and fan guards to the telecommunications, network equipment, office automation, medical and industrial markets.

Toll Free Tel: **(800) 453-4569** Tel: (425) 222-5900 Fax: (425) 222-5155

www.mechatronics.com



Mechatronics Representative Group sells

in specific US markets for Fujikura USA a world class manufacturer of cable assemblies, flexible printed circuitry, fiber optic cabling and heat dissipation devices to the computer and high technology industries.



Global Solutions on a National Level