

Solutions for the **Medical Industry**

Supplying Precision Mechanical Components and Assemblies

- Quality Products
- Technical Experts to Help with Your Design
- Cost Effective Sub-Assembly Solutions





What Can Berg Do For You?

Ease of doing business:

- Wide variety of sizes
- Expedient quoting

Phone: **1-800-232-BERG** or **(414) 747-5800**

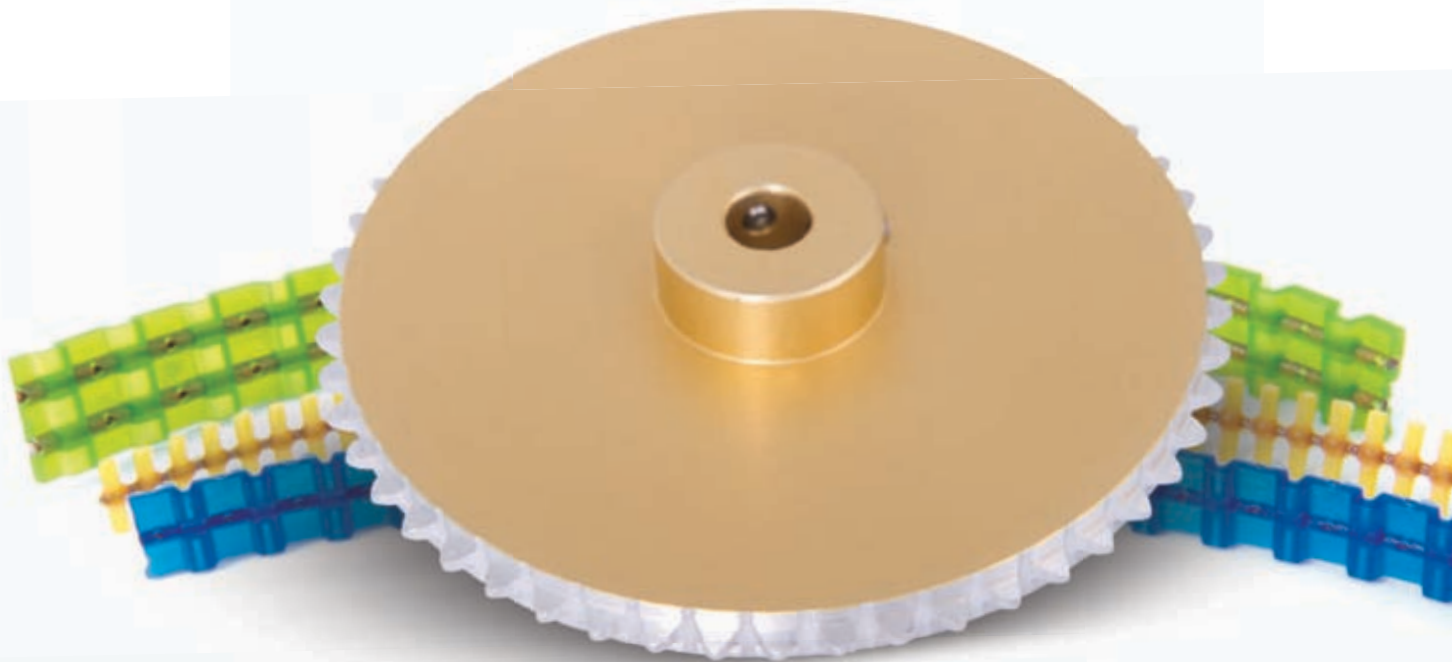
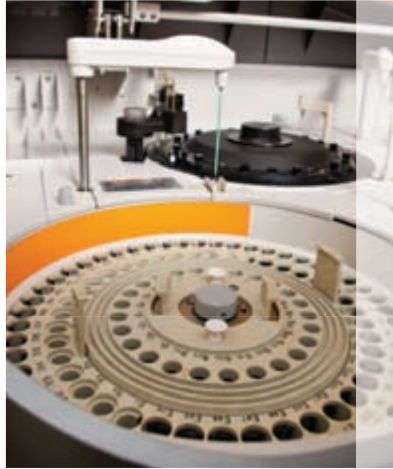
Web: **www.wmberg.com**



W.M. Berg – At a Glance

When you partner with Berg, you get a team of committed experts, all focused on your productivity and finding a solution for your application.

- Producing Precision Mechanical Components For Over 40 Years
- 150,000 Square Foot, State-of-the-Art Facility
- ISO 9001-2008
- 97% Customer-Satisfied On-Time Delivery
- Live Customer and Technical Support 7:30 a.m. to 5:30 p.m. CST



Medical Applications that Utilize Berg Products

- Surgical Devices
- Blood Analyzers
- Blood Processors
- Robotic Surgery
- CAT Scanners
- Diagnostic Equipment
- Medication Dispensing Devices
- Automated Physical Fitness
- Imaging
- Pharmaceutical Automation
- Optical Equipment
- Optical Gauging
- Laboratory Equipment
- Dental Equipment



The Advantages of Berg Products in the Medical Industry

- Certification Expertise
- Customization Capabilities
- High AGMA Quality Gears
- Application-Specific Materials
- Quality Machining Processes
- Reduced Costs
- Pre-Assembled Solutions



A look at Berg's customer-specific, customized capabilities



Customized Solutions, Expertise & Problem Solving: New Bearing for a High-Precision Neuroendoscopic Tool

One of the world's leading medical technology companies came to Berg with a need for a special linear bearing to be used in a high-precision neuroendoscopic tool. The client faced a problem identifying an off-the-shelf product that met its performance requirements in a tight package design. Berg engineers worked closely with the client's team, sharing knowledge and best practices to identify and design a customized solution others could not provide. Berg professionals provided expertise to build a solution to the client's specifications, which led to the development of a linear bearing that exactly matched the performance needs for this important tool. Success in this effort led to thousands of endoscopic tools being used to provide comfort for patients around the world.



Collaboration to Quality, Whisper-Quiet Gears

In the world of medicine, some of the most important tools never come in physical contact with the patient. They may provide great comfort by providing care during a difficult period. This was one of the goals for this Berg client when they set out to develop a robot that could be guided by a physician to the patient's bedside and provide personal, post-procedure follow-up, no matter where the doctor may physically be. This client came to Berg for help in designing an efficient quiet drive system. After extensive testing, Berg developed gears from materials that provided the required strength while delivering on a key measure of product performance and quality: whisper-quiet performance. Berg was put to the test when the client audited the Berg project team, products and process for success and the results were impressive for all the criteria. Today, Berg gears are used throughout the client's product line.



Strong, Value-Add Partnership: Solving Rejection Issues for Lead Screw Assembly

A manufacturer of diagnostic equipment was experiencing multiple rejections on a lead screw assembly for a specification that wasn't called out on the product's drawing. The manufacturer found value in Berg – expertise to meet their needs. After a series of collaborative meetings, including an in-depth review that many providers cannot or would not provide, the Berg team and the client identified a process change that was immediately implemented. The drawing was revised and the problem was solved in a timely fashion.



Highest Quality in Standard and Custom Manufacturing

Whether your needs are standard, non-standard, or for custom parts, we can step in and provide excellent customer service and engineering support, as well as partner with you for future opportunities.

80,000 Standard Line Items Include:

Gears / Bearings / Shafts / Pulleys / Belts / Sprockets / Chains / Clutches / Couplings / Linear Slides / Lead Screws / Gear Boxes / Fasteners / Hardware

Our customer service team is available
7:30 a.m. to 5:30 p.m. CST.

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Web: **www.wmberg.com**



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