

PDS Handles Dental and Orthopedic Medical Implants and Instruments with Surgical Precision

Whether it is joint implants, surgical instruments, molds or forging dies, the materials and machining are challenging, the geometry is complex, and the high-quality standards and intricate regulatory requirements are second to none. After all, human lives may depend on the success or failure of these machined components. Precision Drive Systems (PDS) ultra-precision spindles are optimized to provide the quality, reliability, and accuracy to deburr, grind, and polish the wide variety of medical precision parts and their exotic materials.





WORK WITH DECADES OF SPINDLE EXPERIENCE AND SUPPORT

As the medical industry continues to grow at a rapid pace, the team at PDS is deeply committed to being at the forefront when it comes to providing new spindles, Industry 4.0 technologies, and repair services. Spindles repaired or rebuilt by PDS result in better-than-new tolerances, which means consistency in machining for production lots. Whether deburring in-process pieces or flash from molded components; or grinding and polishing medical sharps, PDS factory-trained engineers and technicians recognize that machining medical parts are not like making parts for other industries.

KEEP YOUR PRODUCTION LINES MOVING

PDS provides a variety of products and services for the medical implant, instrument, and part industries, including:

- > Spindle repair and rebuild
- > Industry 4.0 spindle health monitoring
- > PrecisionCareSM 24-month warranty



SPINDLE APPLICATION EXPERTISE WITH A FULL RANGE OF MATERIALS

PDS spindles are engineered to work well with the materials used most often in the medical industries, including:

- > Titanium alloys
- > Stainless steels
- > Cobalt-chrome alloys
- > Medical-grade plastics (PEEK)

Ask about our industry leading optional 24-Month Warranty and Industry 4.0 Spindle Health Monitoring System.



Contact PDS today to keep turning out precision medical implants, instruments, and parts with our new spindles and expert spindle repair.



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