

Solutions for Instruments

Orthopaedic and Spinal Instrumentation

Gauthier Biomedical is the inventor and first to market ultra-precise ratcheting screwdrivers. This exclusive feature has been influential in the industry.

Ultra-Precise Ratcheting Screwdrivers. The only design available that provides a smooth accurate ratchet feel, strong torque capability and virtually no play between the instrument shaft and the handle.

Silicone Grip Handles. All catalog torque wrenches, ratcheting drivers, and quick connects can be incorporated into any straight handle, T-handle, and palm style configurations. These handles are available in any color and configuration to fit the customer's instrumentation needs. Custom handle shapes are available.

Torque-Measuring and Torque-Limiting Instruments. GBI offers a variety of instruments that limit the amount of torque applied in surgery, and instruments that read out the actual torque. These instruments can be preset to user-defined values and customized to meet specific applications.

Spinal Instrumentation. Gauthier Biomedical continues to provide innovative instrumentation to solve common problems in spinal surgery. Catalog items are available for a variety of spinal procedures and can be customized for any application.

Engineering and Product Design—

Whether improving an existing tool or developing a unique custom instrument, GBI's expertise turns ideas into reality.

- Design experience rooted in biomedical engineering and orthopaedics
- Engineering services to complement prototyping and manufacturing operations
- Ability to join customer projects at any stage of development
- Emphasis on Design for Manufacturability
- Latest in 3-D CAD software for accuracy/verification

Contract Manufacturing Services—

- Registered with FDA as a contract manufacturer (#2134947)
- Just In Time deliveries on production orders
- Turnkey instrumentation to medical device OEMs
- Silicone molded handles, ratcheting screwdrivers, shaft quick connects, torque limiting and torque measuring instruments, rod cutters, rod benders, bone awls, bone probes, sounders, taps, etc.

Gauthier Biomedical works with all grades of stainless steel, aluminum alloys, plastics, phenolic, and silicone and offers the following processes for production of instruments and components: milling, turning, EDM, grinding, gun drilling, heat treating, welding, brazing, polishing, blasting, anodizing, passivation, electropolishing, laser marking and assembly.

Quality—

Going beyond the process of blindly "making components," GBI verifies Fit, Form and Function prior to production so that products not only meet print requirements, they exceed them.

- Qualified personnel perform in-process inspections
- Certifications of Conformance accompany every shipment
- Detailed manufacturing records retained for every instrument

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Certification
ISO 13485:2003

