



17 Global Manufacturing  
Locations in 5 Countries:

United States  
Canada  
Costa Rica  
Israel  
Switzerland

## OUR STORY

Resonetics is a leader in advanced engineering and micro manufacturing for the life sciences industry. Core capabilities include laser processing, centerless grinding, nitinol processing, thin-wall stainless steel & precious metal tubing, photochemical machining, microfluidics, sensor solutions, and medical power. With Lightspeed Application Development Labs located strategically to serve MedTech companies around the world, Resonetics is built on a foundation of quality, speed and innovation. The company is ISO 13485:2016 certified with facilities in the United States, Canada, Costa Rica, Israel, and Switzerland.



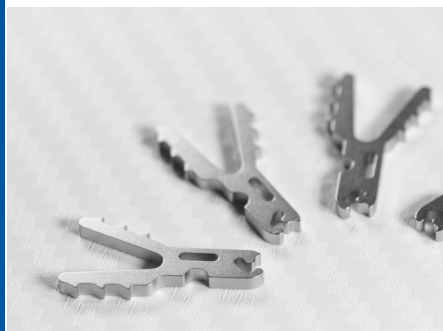
# Orthopedic Innovation

**We continue to push the boundaries of innovation in orthopedics, delivering high-quality solutions for advancing patient care.**

At Resonetics, we partner with orthopedic device manufacturers to deliver high-precision components that enable groundbreaking advancements in patient care.

Whether it's instrument shafts for surgical precision or implantable devices designed for long-term performance, our cutting-edge manufacturing capabilities ensure the highest level of quality, consistency, and reliability.

With expertise in CNC machining, 5-axis milling, CNC lathe, Swiss machining, wire EDM, grinding, photochemical machining, and metal forming, we create complex geometries, intricate features, and ultra-fine tolerances that support the evolving needs of orthopedic surgeons and device engineers.



## Capabilities & Expertise

- *Metal Fabrication*
- *Laser Marking*
- *Nitinol Processing*
- *Raw Materials*
- *Lightspeed Lab*
- *AGILE Product Development*

# Orthopedic Instruments & Implants

You Bring the Innovative Idea. We Bring the Expertise.

## Surgical Instruments

*Resonetics engineers advanced orthopedic instruments with exceptional accuracy and reliability for minimally invasive and traditional surgeries.*

- **Suture Passer** – Designed for smooth tissue penetration and controlled suture placement.
- **K Wire** – High-strength guide wires for fracture fixation and surgical navigation.
- **Suture Anchor Delivery** – Precision components for secure soft tissue attachment.
- **Curettes (Drill Guides)** – Custom profiles to aid in bone preparation and precision drilling.
- **Drills** – Durable, sharp cutting tools for efficient bone penetration.
- **Stylets** – Thin, high-strength instruments for guided placement.
- **Instrument Shafts** – Engineered for rigidity and accuracy in orthopedic surgeries.



## Orthopedic Implants

*We offer high-performance metal implants, leveraging advanced manufacturing techniques to create durable, biocompatible solutions that integrate seamlessly with the body.*

- **Staples** – Precision-shaped implants for bone fixation.
- **Foot Nails (Hindfoot)** – Engineered for strength and stability in foot and ankle reconstructions.
- **Hammer Toe Implants** – Streamlined solutions for small joint fixation.
- **Plates** – Designed to provide stability while supporting bone fusion and healing.



---

## Why Resonetics?

- **Expertise in Advanced Materials** – Specializing in nitinol and stainless steel, delivering high-performance solutions for medical implants and surgical instruments.
- **State-of-the-Art Manufacturing** – Utilizing advanced metal fabrication, nitinol processing, and laser processing to achieve precise and complex geometries.
- **Scalability & Customization** – From rapid prototyping with our Lightspeed Lab to full-scale production, ensuring flexibility at every stage.
- **ISO 13485 Certified** – Meeting the highest medical device manufacturing standards to ensure quality, reliability, and compliance.