



PRECISION METAL FABRICATION SERVICES

Dedicated to Accelerating Component Development for Medical Device OEMs

CONNECT WITH OUR BREADTH OF METAL FABRICATION CAPABILITIES

TE Connectivity (TE) possess over 50 in-house metal fabrication capabilities—one of the world's largest and most comprehensive manufacturers—of small diameter metal parts for the medical industry. You can benefit from a broad array of precision parts, quick deliveries and uncompromising quality, while enjoying close collaboration with our experienced technical personnel throughout the development cycle.

Whether you require rapid prototyping, or rapid machining of an existing part for high-volume production runs, you can count on our technical experts to personally expedite your project efficiently and relieve you of at least one stress point in the production of your medical component.

Select capabilities featured below:

CUTTING



TE offers a complete range of cutting methods to suit the most specific requirements—from rough cuts to extremely precise, burr-free cuts with high quality edges and finishes that are needed for medical device components.

- Electrochemical Cutting (ECC)
- Electrical Discharge Machining (Wire EDM)
- Laser Cutting
- Electro Chemical Grinding (ECG)
- Abrasive Cutting & Deburring

MACHINING



Components in today's medical devices must be manufactured within rigorous specs and cost parameters. TE has a broad range of machining capabilities engineered for production control and efficiency.

- Grinding (Centerless, Profile, ECG, CNC)
- Electrical Discharge Machining (Wire EDM)
- Swiss CNC and Conventional Turning
- Multi-Axis Milling

FORMING



TE can form tubing and wire into a wide range of shapes with extreme precision, repeatability and speed.

- Bending
- Flaring
- Beading, Bulging, Roll Forming
- Swaging
- End Forming and Closing

LASER PROCESSING



Laser systems with varying beam widths are used for a variety of applications that require tight tolerances, highly repeatable, fast and efficient.

- Cutting
- Welding
- Marking
- Texturing

Explore the full range of manufacturing capabilities at [TE.com/Medical](https://www.te.com/medical)

CONNECT WITH AN ACCELERATED APPROACH FOR YOUR DEVELOPMENT

TOOL MAKING

Whether your project requires intricate tools, multi-station fixtures or automated machines, our Tool Makers can move your project quickly from the design phase to production. Drawing on years of collective experience in tool design and manufacturing—and utilizing the latest in CAD/CAM technology—they design and build more than 98% of the tooling and fixtures in-house, avoiding delays, higher costs and complications associated with working with multiple partners.

While many prototyping vendors can produce most one-off parts, our toolmakers can seamlessly transition even the most innovative and challenging parts from prototype tooling to robust, easily-repeatable, high-volume tooling, in the shortest possible time.

RAPID PROTOTYPING

We can develop prototypes fabricated from materials in our vast inventory of tubing, rod, bar and wire.

The Engineering Staff and Program Managers are thoroughly experienced in the development of prototypes for medical products that not only perform as designed but are also efficient to manufacture. A reliable partner during this critical phase of your project, we can convert drawings from virtually any format, work with you to avert potential manufacturing issues, and move your approved prototype through validation and production rapidly.

Our comprehensive quality system complies with ISO standards, assuring you of precise components, both simple or complex.



ONLINE STORE

Our eStore contains millions of feet of stainless steel tubing, wires, pull wire assemblies, heat shrink tubing and more, ready to ship same or next day to help you accelerate your next generation medical device project.

Shop parts on the eStore @ www.microgroup.com

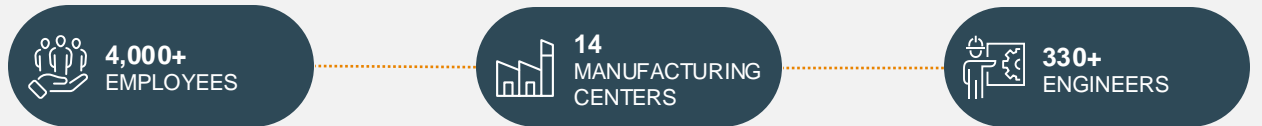
CONNECT TO A HIGHER STANDARD OF CUSTOMER DEDICATION

FROM PROTOTYPE TO HIGH-VOLUME MANUFACTURING, TE MEDICAL UNLEASHES THE POTENTIAL OF EVERY CONNECTION

From raw materials to high-volume manufacturing, TE is your single partner for all your metal fabrication requirements. From concept through completion, you'll get the kind of control over production, delivery and product consistency you're looking for. Our focused is on creating the highest caliber products, as quickly as possible.

ABOUT TE MEDICAL

TE's Medical business is a partner of choice to the world's leading medical technology brands. We provide top-tier engineering expertise and manufacturing excellence in the production of optimally engineered components and value-added subassemblies to support the development of life-saving medical devices used in cardiovascular intervention, surgery, imaging, in vitro diagnostics, and other applications.



Explore our extensive range of medical component solutions at [TE.com/medical](https://www.te.com/medical).

Scan to discuss your project with our technical experts.



[TE.com/medical](https://www.te.com/medical)

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