



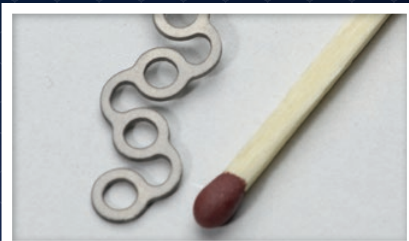


## Meyer Tool Huntersville - Precision and Versatility

Designed as a more precise process from traditional waterjet technology, Microwaterjet® is a proprietary solution that cuts a wide range of materials (including heat-sensitive and/or delicate materials) within an accuracy of +/- 0.01mm and a positioning accuracy of +/- 0.003mm. The quick cutting method produces finish-quality pieces with little to no burr and zero heat deformation. Microwaterjet® can also be set up with a water-only configuration to eliminate abrasive challenges when cutting softer materials like rubber or silicone.



Watch Part



Medical Implant



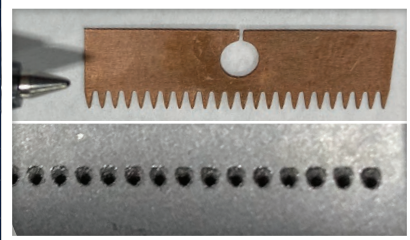
Electrical Part



Blade Root Cover



Surgical Piece



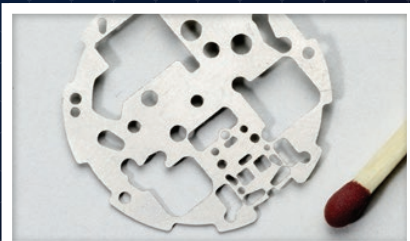
Electrode & Use



Welded Cover Plate



Gear Wheel

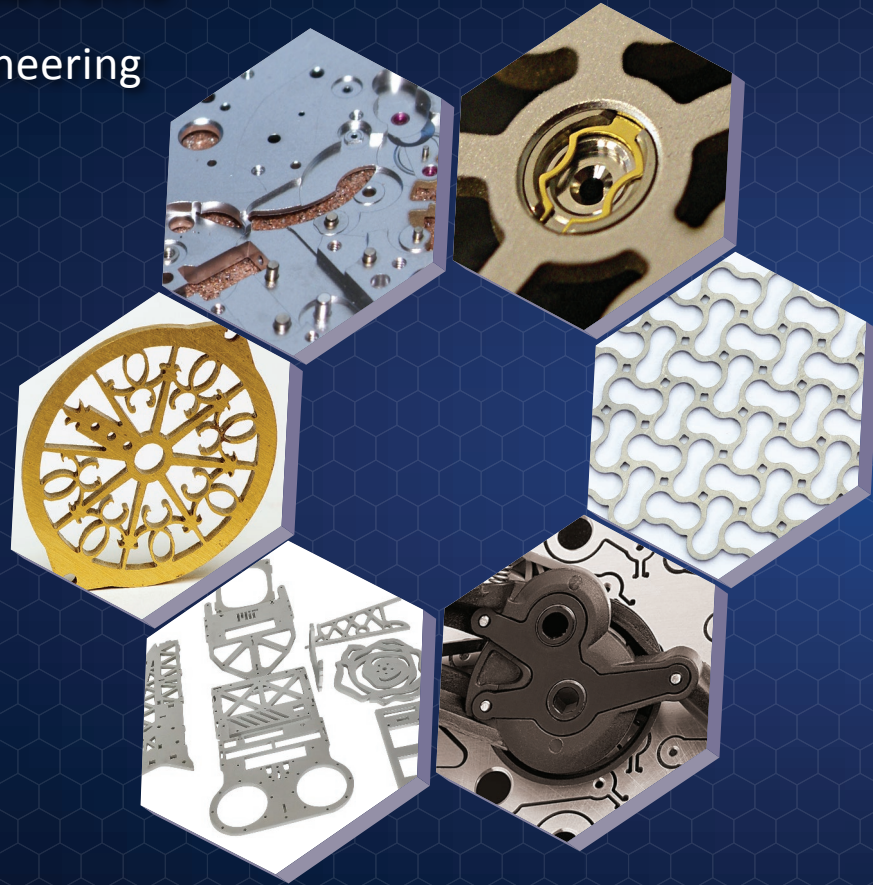


Watch Base Plate



# Microwaterjet® Applications

- Mechanical & Electrical Engineering
- Research & Development
- Aerospace & Defense
- Oil & Energy
- Prototyping
- Optics
- Robotics
- Electronics
- Motor Laminations
- Lab Test Equipment
- Automation & Packaging
- Automotive & Motorsports
- Medical & Dental Industries



## Our Service Process

STEP 05  
**FOLLOW THROUGH**  
Confirm 100% satisfaction  
and receive feedback.

STEP 04  
**SOLUTION**  
Parts are manufactured to  
specifications and agreed  
upon requirements.



STEP 01  
**CONTACT**  
Conversation to discuss overall project and challenges.  
Drawing is analyzed to determine the scope of the project.

STEP 02  
**DECISION**  
Decide together if an appropriate  
solution can be provided to meet  
project requirements.

STEP 03  
**CONFIRM**  
A quotation is provided to confirm  
scope of work, cost, and delivery.

## The Microwaterjet® Advantage

- Ability To Cut Wide Range Of Materials
- No Change In Material Structure
- Quick Prototype Creation
- Just-in-time Fabrication
- High Cutting Accuracy
- Flexible Production
- Low Cutting Forces
- Narrow Kerf Width
- No Thermal Impact
- Little To No Rework
- High Cutting Speeds
- Optimal Material Usage
- Maintain Surface Quality
- Minimal Burr On The Cutting Edge



## Quality, Inspection, and Reverse Engineering

We utilize a Micro-Vu Vertex 311 for almost all of our inspection. This is an intelligent optical measurement system that integrates QC reporting capabilities. In addition, we have the ability to use this device to create geometric drawings from an existing part if the customer does not have a drawing.







micro|waterjet®

[www.meyertoolhuntersville.com](http://www.meyertoolhuntersville.com)

[www.meyertool.com](http://www.meyertool.com)

As a part of the Meyer family of businesses, Meyer Tool Huntersville serves a broad range of markets. These include aerospace, electrical, job and machine shops, art, architecture, medical, automotive, motorsports, watch components, and many other advanced manufacturing applications. Our capabilities matched with our resources enable us to support all levels of production requirements.

Steve Parette  
Managing Director  
Phone: 704.948.1213  
[steve.parette@mt-huntersville.com](mailto:steve.parette@mt-huntersville.com)

Brian Pitts  
Technical Sales Engineer  
Phone: 704.948.1218  
[brian.pitts@mt-huntersville.com](mailto:brian.pitts@mt-huntersville.com)

