

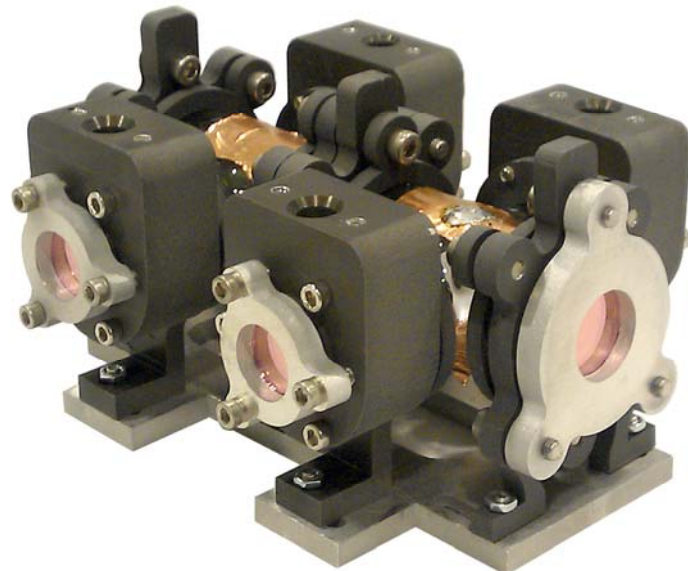
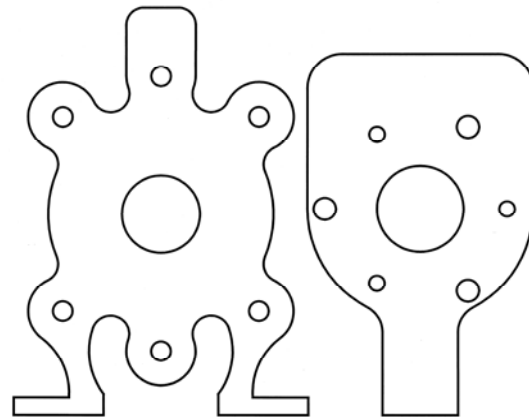
## SCIENTIFIC RESEARCH



The part pictured below is one of many parts Micro Waterjet has cut for use in scientific research field. The Micro Waterjet process was chosen over other technologies because:

- 1) Material and thickness was not compatible with laser cutting;
- 2) Wire EDM would have been a slower and more expensive solution;
- 3) Conventional water jet would not have been capable of producing the required finish or feature size.

The tallest piece is 61mm (2.40") and the entire set of pieces are cut from 6061 Aluminum and range in thickness from 3mm to 16mm (0.12" to 0.63"). The smallest feature was a hole with a 0.4 mm (0.016") diameter.



**microwaterjet®** is an excellent alternative cutting method to traditional machining for a wide range of materials as compared to EDM or Laser Cutting. The applications are very broad across multiple industries including:

- Research & Development
- Prototyping
- Electronics
- Automotive/Motorsports
- Medical Technology/Tools/Implants/Components
- Watch Making
- Aerospace/Defense
- Art/Jewelry

**microwaterjet®** is the world leader in contract manufacturing of precision components using proprietary Micro Waterjet Cutting Technology.