

ULTRA HIGH-SPEED MICRO-MACHINING

Micro-Spindle for Micro-Milling, Micro-Drilling and Micro-Grinding of High-Precision Miniaturized Parts with Small Features



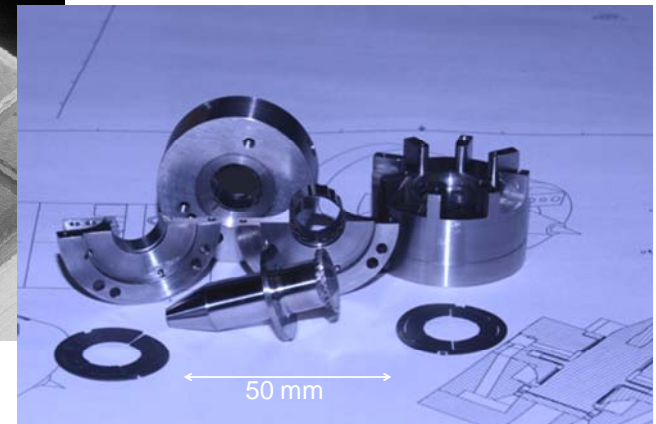
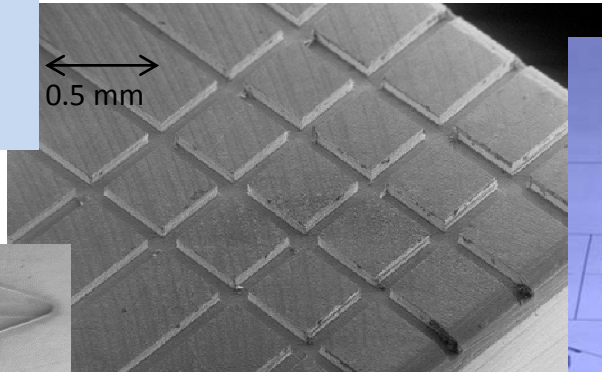
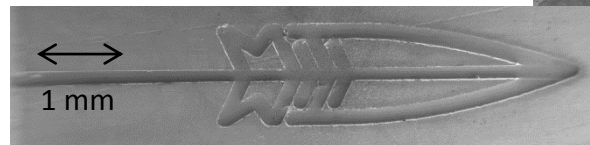
Potential applications include fabrication of 3D free-form micro-scale components, such as

- Ceramic Micro-Turbines for Miniature UAVs and Micro-Power Generators
- Class IV MEMS from Engineering Materials
- Molds for Micro-Injection Molding of Small Polymer Components
- Micro-Fluidic Devices and others

Up to 500,000 rpm

High Feed Rates

10 μm – 300 μm Micro-Tools



Mohawk Innovative Technology, Inc. Albany NY