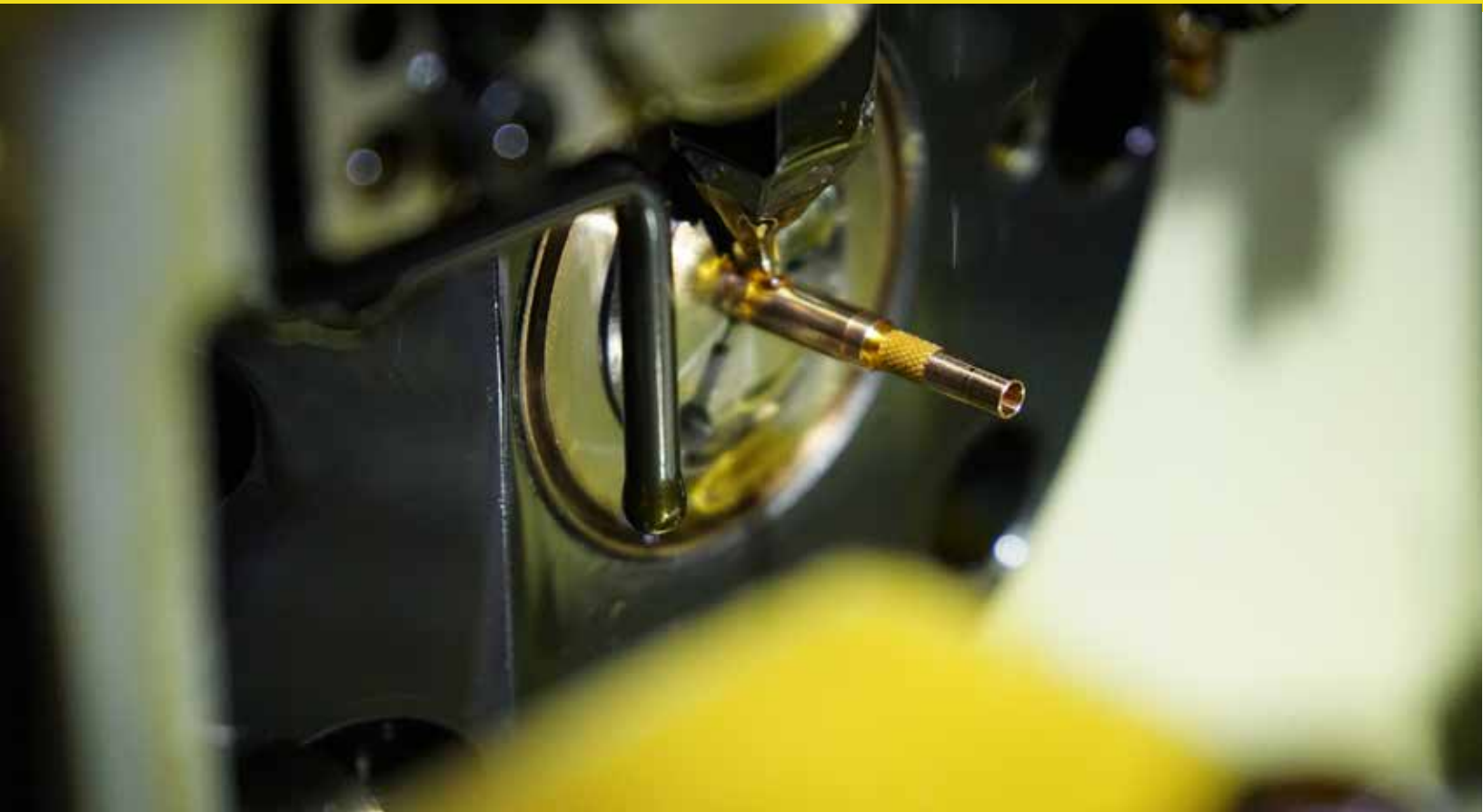




# Precision Machining Department

## Ultra-High Precision Turned Machine Parts for All Industries



RAF's Precision Machining Department specializes in high precision, tight tolerance products for an array of applications and industries with exceptional attention to detail and quality. We produce a wide range of built complete-to-print parts to exact customer specifications. Our expertise in precise turning, close tolerance bending, critical application deburring, and extensive cleaning and inspection tools, ensures RAF can accommodate your most intricate needs.

### Advanced Capabilities Include:

- Extensive raw material inventory including various grades of beryllium copper, brass, stainless steel, steel, and aluminum.
- In-house beryllium copper heat treat capability.
- Expanded state-of-the-art plating facility.
- In house tooling and engineering support.
- Kanban/Dock to Stock inventory programs and Quick Turn Delivery capabilities.
- ISO9001:2015 Certified Quality System.





# RAF Electronic Hardware



Star and Citizen CNC equipment capable of producing highly precise complex parts. Diameter capacity up to .750". Tolerances can be held to +/- .0002".



IM-6225 Keyence instant measurement system. A visual inspection system that drastically reduces inspection time and operator subjectivity. Enables us to measure multiple parts at one time and provide that information in a report.



Extremely rigid control and variance equipment for targeting specific location of a part for annealing.



Optical Comparator inspection equipment for in-process and first article measurements. Also a key tool in the detection and prevention of burrs, scratches, indentations or any other imperfections in material or finished product.



The zone annealing process passes a heating zone over a specific area that generates a sharp gradient in a part. This enables the adjustment to the shape of the part in raw form.



Precision microscope further enhances the inspection process for the smallest diameter products. It gives us the ability to measure against X, Y, and Z axis at high magnification and detect the slightest variance.



The process allows the ability to alter or bend this part to customer requirements and meet critical applications. The tooling for this process is made and stored in house.



Heated ultrasonic filtered cleaning system with de-ionized water filtration. Ensuring the removal of trace amounts of contaminants and particles prior to the addition of precious metals plating.

To learn more visit [MWComponents.com](http://MWComponents.com) or contact us at 203.888.2133 | [sales@mwcomponents.com](mailto:sales@mwcomponents.com)

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