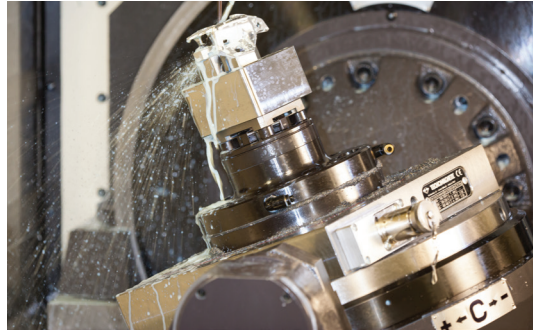


# CMD - Precision Manufacturing Group



## Capabilities

- 3, 4 & 5-axis hard milling
- Grinding
- Swiss machining
- Tapping
- Mill turning
- Deburring
- EDM (wire and sinker)
- Drilling

## Precision Machining

Since inception in 1967, Custom Mold & Design (CMD) has become an industry leader for designing and building high-precision fast cycling molds. In more recent years, we have expanded our capabilities to provide machined component, fixturing and contract manufacturing support. We formed our CMD – Precision Manufacturing Group to better focus our efforts on these expanded capabilities. That is, we have dedicated equipment and personnel focused on providing precision machined components for businesses in highly regulated industries like Aerospace, Defense and Medical. We also serve important companies in industries like Automotive, Commercial, Electronics, Industrial and Technology.

In 2014, we moved into our newly renovated 40,000 sq. ft. facility in Forest Lake, MN.

## Areas of Expertise

- We specialize in prototype and low volume manufacturing
- We also support medium to high volume manufacturing
- Our Engineering team is well versed in providing design for manufacturability (DFM) support to assist you in optimizing your product designs
- We manufacture product from a variety of standard and exotic materials, (metals, alloys, plastics and composite materials) such as:
  - Aluminum
  - Brass
  - Copper (including Beryllium Copper)
  - Stainless steel alloys
  - Castable alloys
  - Molybdenum
  - Nickel, Hastelloy, Inconel, Invar
  - Nitinol
  - Tungsten
  - Titanium and MP35N
  - Polymers including PEEK (orthopedic implants and defense applications), Acetal, Ultem, polycarbonate and many others
  - Composite materials



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