

# Precision Components

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**MW Components**

# The Parts You Need, the Precision You Demand



**As any engineer knows, developing new products that can compete in today's ever-changing markets is a challenge. You must be able to source custom components that balance precision, performance, and cost. And you need a partner you can rely on to go the extra mile to help you hit your critical deadlines.**

It's why so many manufacturers choose to partner with MW Components. Put simply, we have the experience, expertise, and technology to deliver precision components to exacting specifications. And we can do so in any volume across a range of standard and exotic materials (such as Monel, G10, and Inconel), at a speed others struggle to match.

## **Saving You Time and Money with Multi-Axis Machining**

When creating custom precision components, it's important to focus on both primary and secondary production processes. Too many secondary processes can mean additional costs and delays in delivery.

It's why we use advanced multi-axis CNC machining technology that can perform milling, turning, cross-drilling, engraving, and other processes with a single machine. This allows us to eliminate costly secondary processes, saving you time and money.

Beyond this, we offer a wide range of finishing services such as plating, heat treatments, and grinding. The result? You'll get the part you need, in the finish you require, produced to your exact specifications.

## **In-depth Design and Engineering Expertise**

While every custom component is different, each can benefit from the input of specialists who have developed similar parts for other industries and applications.

When you partner with MW Components, you get immediate access to experts who can help you design, refine, and manufacture components to your exact requirements. Experts with decades of experience and with advanced engineering software such as Master Cam, Gibbs Cam, and Solid Works at their fingertips.

In addition, we can further support you with value-added services across tooling, prototyping, project management, quality control, and performance testing.

Ultimately, it means we can help accelerate your product development cycle and shorten your time to market.

### **Saving You Time and Money Using Advanced Production Techniques**

No matter how demanding your requirements or how tight your deadlines, our commitment to delivering the highest quality parts is without compromise. Bringing together advanced automated technology such as CMM and Keyence Vision System with hands-on expert quality inspection, you'll get peace of mind knowing that your precision components will perform at or above your desired expectations.

Besides advanced machining, we also offer cold-forming, which is often used to produce smaller components. This process uses applied force to create a plastic flow of metal material into a die to form a component, often without the need for secondary operations. This method has many benefits. In addition to saving production time, it lowers costs by eliminating material waste. This makes it ideal for components produced using costly materials.

Beyond our own rigorous procedures, our facilities are also accredited by multiple external bodies—from ISO 9001 certification and industry-specific standards such as AS9100D to international frameworks including RoHS and REACH. This means that you can be assured that the components we produce will meet or exceed your performance and lifecycle expectations.

### **Let's Talk**

**Discover the difference we could make to your success, contact us at [Sales@MWComponents.com](mailto:Sales@MWComponents.com) to schedule a conversation about your needs.**

### **Delivering a Full Range of Precision Components**

#### **Our custom components include:**

Cold-Formed Micro-Components

Component Assemblies and Sub-Assemblies

Die Manufacturing

Electrical Contacts

Electroforms

Flexible Braided Hoses

Metal Flanges

Metal Stampings

Retaining Rings

Spring Anchors

Tubing Products

Wire Forms



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# About MW Components

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MW Components is focused on accelerating the entire process of delivering custom, stock, and standard parts to virtually any volume and against demanding deadlines. We work to highly complex tolerances. We help simplify the management of any number of different components. And we take a no-compromise approach to quality. With MW Components, you can be sure you'll get the right part to the right specification when and where you need it.

**MW Components. Whatever it takes.**

[MWComponents.com](https://MWComponents.com)