


# Precision-Engineered Fasteners

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**MW Components**

# The Quality You Need, the Speed You Demand



Fasteners are a core component in virtually every product manufactured today. They are central to the performance of key assemblies within everything from power tools to power plants.

When it comes to fasteners, precision matters. Put simply: the more precise a fastener's tolerances, the faster it can be fitted and the better it will perform over the life of a product.

## **A World-Leading Product Range**

MW Components offers one of the world's largest ranges of precision-machined fasteners.

We have over 45,000 standard parts in stock, ready to ship in under 24 hours. We offer industry-specific fasteners for specialized purposes such as National Aerospace Standard (NAS) fasteners. And, when a standard part can't deliver precisely what you need, we can custom manufacture fasteners to your exact specifications and typically ship within a week.

### **Greater Design Freedom and Expert Advice**

We'll help you get the performance you demand with one of the world's largest ranges of alloys and non-metallic materials—from beryllium copper, brass, steel, and aluminum to nylon, Teflon, and a range of specialty materials.

And when you need more hands-on help, our 100+ engineers will work with you to develop and refine exactly the fastener to meet your specific requirements.

Whatever your application, however tight your timelines, MW Components can help you get what you need, when you need it.

### **A Full Range of Fasteners**

Our precision-machined fasteners include:

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**Bolts**

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**Screws**

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**Spacers**

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**Standoffs**

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**Studs**

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**Nuts**

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**Threaded Inserts**

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**Washers**

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**Bushings**

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**Chassis Fasteners**

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**Handles/Ferrules**

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**Locking Fasteners**

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**Pins**

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**Retainers**



# Full-spectrum Production Capabilities



In addition to our stock parts, we offer a full range of manufacturing services across our 30+ US facilities. In fact, there is virtually no type of fastener we can't produce.

Our facilities have extensive expertise in precision turning, close tolerance bending, critical application deburring, cleaning, and inspection. Our rapid prototyping service can help you quickly create and fine-tune your components prior to full production. And our design for manufacturability (DFM) knowhow will help you develop higher-performing, more cost-effective parts.

## **Quality at Any Volume**

In-house tooling and CNC-controlled processes enable us to deliver parts to exacting tolerances, every time. We tightly control quality assurance using state-of-the-art inspection technology, enabling us to spot even the smallest imperfections. So you can be sure your fasteners will perform exactly as expected.

We can produce your fasteners to virtually any volume—from short runs with low minimum quantities to multi-million part manufacturing (and everything in between). And we offer a wide range of secondary processes and finishes—from hardening and plating to cleaning and passivation.

## **Faster, Simpler, Easier**

We can manufacture fasteners with the precise tolerances and performance characteristics you demand for virtually any application.

More than this, we can accelerate the entire process of developing and delivering the fasteners you need, helping you hit tight production timelines and get products to market faster. And because with MW Components you can specify and purchase virtually any type of fastener, we can help you streamline and simplify your entire component supply chain.

## **Product Types:**

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SEMS Assemblies –

All Product Types

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MATHread®

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Captive Screws

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Socket Headed Cap Screw

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Machine and Shoulder Screws



A woman with dark curly hair, wearing safety glasses and a dark zip-up jacket, is focused on working on a large, complex metal part in a factory setting. The background is blurred, showing other workers and industrial equipment. The entire image has a warm, orange-toned overlay.

## In-house Engineering Services

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CAD

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Rapid Prototyping

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Metallurgy

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Corrosion Analysis

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CAE Analysis

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Fatigue Testing


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Performance Analysis

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3D Printing

# Whatever it Takes



Whether you need an off-the-shelf stock fastener or want us to manufacture an application-specific custom part, we'll do whatever it takes to help you meet your objectives.

We've built our business around making the entire process of delivering the precision components our customers need simple, easy, and fast.

## A Streamlined Approach

We can help you with everything from sourcing individual fasteners to consolidating the supply of multiple precision components—from all types of fasteners to springs, bellows, couplings, and shims.

It means you can radically simplify how you specify, purchase, and manage your parts inventory, saving significant time and money.

## Processes:

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Cold Heading

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Thread Rolling

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SEMS Rolling

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Head and Shank Slotting

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Trimming

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Heat Treatment

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Case Hardening

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Straight Hardening

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Annealing

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Stress Relieving

### Quality Assured

Our commitment to quality runs throughout MW Components with facilities accredited across multiple quality management systems. These include ISO 9001 certification, industry-specific standards such as AS9100D and IATF 16949, and international frameworks such as RoHS and DFARS. So you get the peace of mind of knowing that your components will perform at or above your desired expectations.

When you partner with MW Components, you can be sure you'll get the fasteners you need, to the quality you demand, and at a speed that will help you meet the tightest of deadlines.

### 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.

### Broad Industry Experience

MW Components has deep experience across multiple industries, including:

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Aerospace

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Agriculture

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Automotive

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Consumer Products

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Heavy Construction

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Energy, Oil, and Gas

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Heavy Truck and Bus

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Industrial

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Medical

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Defense

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Motorsports & Racing

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Power Tools

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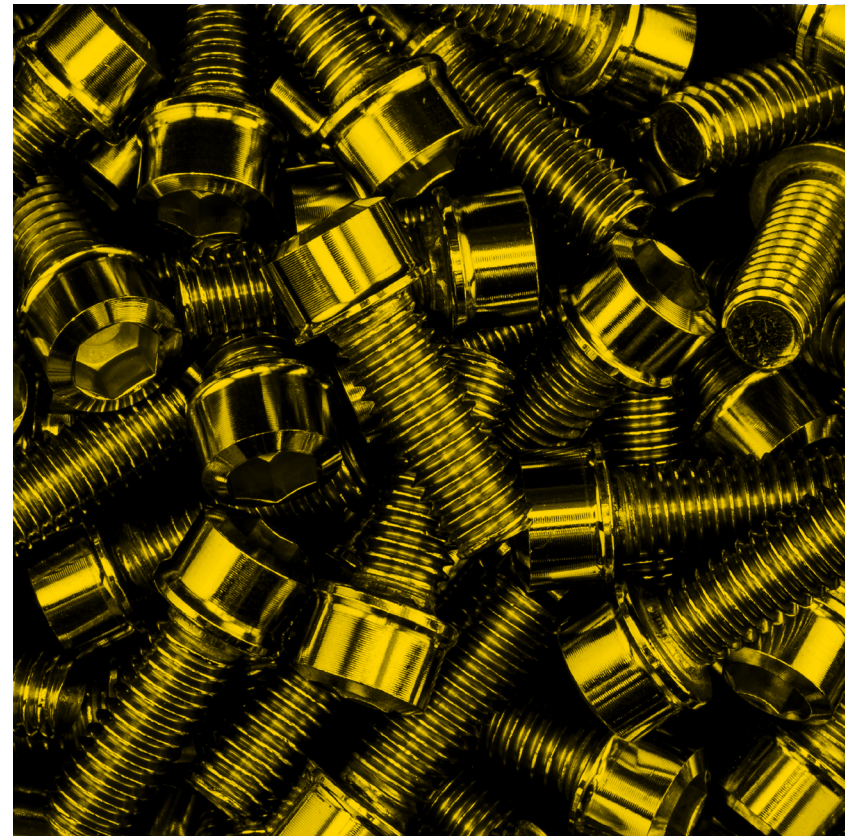
Transportation

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Valves

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Semiconductor





**MW Components**

# 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)