MW Industries, Inc. is a trusted supplier to manufacturers of mechanical assemblies used throughout all of industry. Our customers count on us for stock and custom components for everything from water purification to nuclear safety systems. Thanks to our large production facilities, we can deliver prototypes as well as large production quantities of precision springs, fasteners, machined parts, and much more.

Our many loyal customers rely on us for our engineering, design, and manufacturing capabilities, as well as our highly personalized service. Our engineers offer a broad range of expertise in metallurgy along with spring and assembly design, testing, and production. The best proof of the high value we place on customer satisfaction are the numerous customer service awards we’ve received for on-time delivery, shipping accuracy, and ISO-based quality control procedures.

Whether you need large production volumes or small prototype quantities, our large inventory and low minimum order quantities make it easy to meet your requirements quickly and without lengthy manufacturing lead-times. In most cases, same-day shipments are available to help you meet important deadlines.

By leveraging the wide-ranging capabilities of our locations across the United States, MW Industries provides quick prototyping of parts and assemblies for a wide range of industrial applications. We also house the largest and most diverse inventory of springs in the industry, ranging from large suspension applications to micro-medical devices to precision wire forms, metal stampings, and product assemblies. If you need parts for extreme conditions, we have a stellar reputation for crafting custom tubing, springs, and wire forms from premium specialty materials such as Inconel®, Beta C Titanium®, Elgiloy®, MP35N®, and Hastelloy®.

Whenever you work with MW Industries, you gain full access to our wide range of expertise. Regardless of your application, we have proven products and systems to create lasting value for your applications. And if you need specialized engineering, no one can match our extensive industry knowledge or our commitment to meeting your needs.

**INCREDIBLY DIVERSE INDUSTRIAL APPLICATIONS**
- Barrier springs for security entrances
- Hatch springs for submarines
- Safety springs used in the nuclear energy industry
- Compression and conical springs used in lubrication systems
- Various springs used in food and beverage vending machines
- Antenna springs for satellite communications
ABOUT MW INDUSTRIES

MW Industries, Inc., headquartered in Rosemont, IL, is a leading provider of highly engineered springs, specialty fasteners, machined parts and other precision components to more than 23,000 customers in over 35 countries. Its 40,000+ products are sold through a combination of direct sales, catalogs and distributors to original equipment manufacturers and aftermarket customers in a number of industries, including aerospace, medical, electronics, energy, agriculture/construction, automotive replacement and military.

ENGINEERING:
Collaborate with and support our customers’ development and engineering efforts In-house design and development using:
- CAD
- CAE Analysis
- Metallurgy
- Rapid Prototyping

PRODUCTS:
Hot Wound Springs
From .405” (10.3mm) to 2.00” (50mm) bar diameter

Max. Coiling Specs:
- Bar diameter: 2.00”
- Bar length: 28.0’
- Spring OD Max.: 18.5”

Auto Coiling Specs:
- Bar diameter: 1.75”
- Bar length: 21.0’
- Spring OD Max.: 18.5”
- Free length Max.: 39.0”

End Configurations:
- Squared
- Open End
- Ground
- Pigtail

Raw Materials:
5160H SAE 9259
51860H SAE 4140
SAE 9254 92V45
SAE 6150 SRS60

Cold Wound Springs
From .004” (.13mm) to .630” (16mm) wire diameter

Compression
Extension
Wire Forms
Torsion / Double Torsion Springs
Valve Springs
Clutch Springs

Raw Materials:
Copper and Alloys
Specialty Materials—Elgiloy®, Hastelloy®, Inconel®, A286, Monel™
Music wire
Nickel & alloys, including MP35N®
Titanium
Steel, Carbon, all grades of Stainless

Bellevilles & Disc Springs:
Including catalog and custom options

Coiled & Stamped Rings:
Wire shape rolling and ring grinding for close tolerance rings
Retaining rings—butterfly, angle, rounded & square end configurations

Machined Springs
Flexible Couplings
Shims
Seal Springs

PROCESSES:
Grinding
Harden & Temper
Heat Set
Paint / Powder Coat

Shot-Peening
Stress Relief
Wire Rolling

Machined Parts:
Swiss Turning—Diameter: .188”–1.250”; Length: up to 12.5”
CNC Turning & Chucking—Diameter: .125” – 8.000”; Length: up to 13.0”
CNC Milling
Honing—Diameter: .250”–3.250”; Up to 7.000” long
Grinding—Diameter: .500”–3.000”; Up to 6.000” long
Secondary Machining—turning, milling, drilling, sawing
Brazing / Soldering / Assembly
Material / Finishes: Carbon & Alloy Steels, Stainless & Brass, Nickel Alloys, Plastic & Nylon, Silver & Tungsten, Aluminum & Titanium

Fourslide / Stampings:
Up to 400 Ton
Wide range of heat-treated and spring materials

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