



MAUDLIN PRODUCTS®

MW Industries, Inc.



V Spring



U Spring



Helical Spring



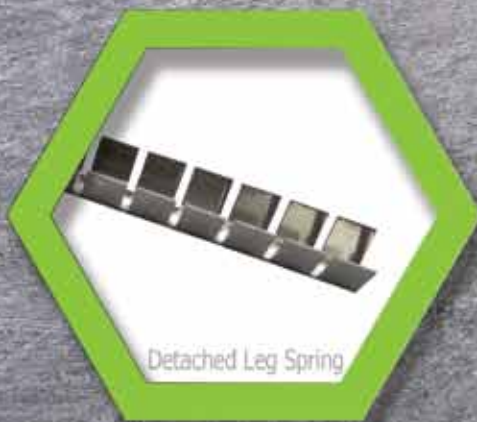
Canted Coil Spring



Cavity Tools



Spring Bands



Detached Leg Spring



Full Contact Spring



Expander Spring



V Spring

The **V Spring** geometry provides a moderate load over a wide deflection range and is used in dynamic and static applications. The **V Spring** is available and stocked in six standard sizes with both 301SS and Elgiloy material. The spring is produced in continuous lengths. Orders can be placed from 100 ft up to annual quantities exceeding 100,000 ft. Custom sizes and materials available upon request.



U Spring

The **U Spring** is available and stocked in four standard sizes in both 301SS and Elgiloy material. The spring is produced in continuous lengths. Orders can be placed from 100 ft. up to annual quantities exceeding 100,00 ft. Custom sizes and material available upon request.



Helical Spring

This spring typically produces a high load over a small deflection range. We offer standard helical product in both Stainless Steel 17-7 and Elgiloy. The 17-7 can also be supplied in the CH-900 condition. We stock seven standard thickness of Elgiloy. This eliminates long lead times and expensive minimum orders for our customers. We can also supply one pound coils of raw material if you desire to roll your own spring. Want to eliminate or reduce your inventory simply allow Maudlin to cut and weld your helical spring to your final center line diameters.



Full Contact Spring

This heavy duty, high load Full Contact Spring provides continuous spring contact along the entire sealing lip. Its use is recommended for extreme static sealing conditions such as those involving cryogenic fluids, ultra-high vacuum and positive sealing of light gases. Standard cross section designs are available and produced in continuous length coil; shipped to you ready to cut and rolled to your final center lines. This spring must be welded after it is placed in the seal jacket.



Spring Bands

This spring typically produces a high load over a small deflection range. Available in V-Spring cross sections 000 series and 100 series in dozens of very small center line diameters. Spring Bands are Photo etched and formed for ease in handling of high volume applications.

Other sizes available**, call for details.

** Tooling charges may apply



Detached Leg Spring

Large heavy load geometry that provides a heavy load over a wide deflection range and is used in dynamic and static applications. The Detached Leg Spring is available in five standard sizes in the 301 SS Material and available in four standards in the Elgiloy material. This spring is produced in continuous lengths. Free height diamention range from .386" to 1.120'.



Canted Coil Spring

Advantage of a Canted Coil Spring is they provide constant predictable loads throughout a very wide deflection range. Readily available in 302 SS, C-276, Elgiloy, and Other Alloys. Nearly Zero Compression Set. We offer a full range of cross sections 000-400 in Light, Medium & High Load Designs.

Maudlin Canted Coil Spring is provided cut to length and laser welded to your specifications or in standard continues length. All prices are upon request. Standard lead time on Stainless standard cross sections is less than 3 weeks and 6-8 weeks on all other alloys.



Groove / Cavity Tools

Let Maudlin Products be your solution for custom carbide groove tools.

We offer 5 Standard Sizes from stock 100 series - 500 series.

Another way Maudlin has come to service the seal industry is by providing custom made groove tooling. Our on-site EDM facility allows us to manufacture parts with speed and accuracy. Our CAD Cam Staff will work with you to develop prototypes to produce parts per your specifications.

The Maudlin Advantage



MW Industries, Inc.

MW Industries, Inc. Announces Acquisition of Maudlin & Son Manufacturing

Chicago-based MW Industries, a leading provider of highly engineered springs, specialty fasteners, machined parts, and precision components, announced January 1st, 2015 the acquisition of Maudlin & Son Manufacturing. Maudlin Products customers will benefit greatly in terms of vendor consolidation, additional products as seen below and an increase to overall capacity through it's now 17 United States locations. MWI will add much needed Engineering Expertise, Economic Stability, and additional Capital to Maudlin and Son.

Maudlin & Son will continue to serve domestic and international markets. Our focus will remain centered on our customers; we take great pride in our ability to provide rapid turn-around with high precision. In addition to our vast Shim and Spring Product Line, We also will continue to offer a modern custom job shop with 5 Axis water jet, laser cutting, wire EDM, and metal stamping capabilities. Maudlin is better positioned to penetrate and expand MWI's existing markets, including energy & oil patch, machining, and various industrial markets.

Maudlin Products Springs

Maudlin Products is most committed to providing the PTF Spring Energized Seal industry with the highest quality and largest product line the world.

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Belleville Washers & Disc Springs

Disc springs and washers, from standard steel and exotic materials, to satisfy any application.



Coiled Rings

Retaining Rings - close tolerances, short lead-times, improved product life.



Constant Force & POP Displays

Point of Purchase display solutions, constant and variable force springs.



Fasteners

Our fastener locations have the capabilities to offer a full range of standard and metric sizes.



Hot Coil (or Hot Wound) Springs

MW Industries, Inc. offers both automated and manual hand coil capability in the manufacture of hot coil (or hot wound) springs.



Machined Parts

Machined parts are in most of the items we depend on everyday.



Metal Stamping and Flat Springs

Metal stamping, fourslide components, flat springs and specialty parts from a variety of materials.



Springs

Compression, extension, torsion... springs of all shapes, sizes and even colors. We can meet the needs of any application.



Wire Forms

Custom wire forms manufactured in a variety of shapes to perform specific, as well as multiple functions.

