MW Industries, Inc. has been a trusted provider of springs and related parts for military and marine applications for more than half a century. Our main product sets in this specialized market include coil suspension springs, vehicle-mounted antenna springs, and heavy-duty springs for armored personnel carriers and MRAP vehicles. You can count on us for the certifications, processes, and support you need for even the most demanding vehicle applications.

Our technology advantage makes a world of difference in the production of military-grade springs. If you’re building a state-of-the-art armored vehicle, you can rely on our design expertise, world-class materials, and in-depth knowledge of the manufacturing process to ensure delivery of the highest quality parts.

Our strong working relationships with the motorsports and heavy truck industries enable us to set the standard in component design. Together with our ongoing investment in engineering and production innovations, we can manufacture products that weigh less, work harder, and protect better — all at an exceptional value. Our recent addition of variable wire diameter capabilities at our Matthew Warren Spring location is an excellent example of our dedication to innovation.

We don’t just deliver the springs and components you need for mission-critical performance, we back it all up with the best engineers and support staff in the industry. Our team is quick to share our knowledge of materials, processes, and manufacturing to help you achieve all of your goals for safety, performance, and durability. With more than 80 years experience and multiple manufacturing facilities, we offer the products, services, and financial stability you require to keep your operations on track and on budget.
ENGINEERING: Our Hot-Coiled Variable Rate Springs are engineered to offer all of the improved performance of variable rate springs by utilizing variable diameter bar stock.

ADVANTAGES: Up to 10% lighter based on a comparable spring design with constant wire diameter
Lower solid height than a conventional spring
Less space required than a conventional spring
Increased travel
Better fit and function with mating parts
Increasing variable rate in a suspension application from softer to stronger as payload increases

CAPABILITIES: Wire Size
0.75” - 1.75” starting bar size

Maximum Taper
0.5” each end

Maximum Taper Length
12” - 84” from each end

Maximum Bar Length
4.0’ - 21.0’