Suspension products supplied by the Hyperco location of MW Industries, Inc. have run on every Indy 500 winner since 1965. Our unparalleled track record has made us the worldwide leader in the development and optimization of high-performance suspension components for the motor racing industry. Among racing experts, the name Hyperco is synonymous with premium quality and performance. If you race to win, you need Hyperco products.

MW Industries provides suspension coils, hydraulic load-centering spring perches, and composite leaf springs—components that have a significant impact on the performance and consistency of any racecar. We work closely with renowned racing experts and racing distributors to build our technology-based products. We also work one-on-one with race teams to develop custom and proprietary products. Our close industry ties, coupled with our unique technology and drive to be the best, never stop leading to new developments and improvements in our product lines.

With products that enhance driver flexibility, performance, and adjustability, Hyperco leads the way in developing unique applications in everything from local dirt cars to Formula 1 teams. We also serve customers in short track and semi-pro racing. After dominating the Indy car market for years, Hyperco recently worked with several Indy 500 and Championship winning race teams to develop fully optimized suspension springs for the new Dallara DW1 Indycar chassis. The designs were based on each team’s specific requirements for dynamic performance, packaging, and weight reduction.

Technology and innovation are at the heart of everything we do at MW Industries. Our staff and engineers at Hyperco lead the industry in designing reliable, consistent springs and components used in racing suspensions. There’s no guesswork with us. We use the very latest in design, performance simulation, and testing equipment to measure overall dynamic performance.

We take pride in working closely with our customers throughout the design and development process. Whether you’re a large manufacturer, a distributor, or a racing team that comes to us directly, our commitment to producing the best possible results remains unchanged. Our unparalleled depth of knowledge comes from our many years in the racing industry and the wide range of applications supported by the MW Industries family of companies.

Hyperco specializes in developing solutions that allow racing teams to significantly reduce component weight while greatly improving performance and tunability. Our advanced capabilities in lightweight materials such as ultra-high tensile chrome silicon, micro alloys, titanium, and stainless steel allow us to design suspension coils to optimum specifications with the largest variety of wire diameters and materials available today. We are also able to apply coatings and colors that allow for easy identification and less unsprung weight.
Hyperco provides high-performance suspension components, including racing coils (springs), hydraulic load-centering spring perches, and composite leaf springs. In all, there are more than 800 race-tested products in the Hyperco catalog. We also produce co-branded and private label products.

Our Ultra High Travel (UHT) Hypercoils™ are designed specifically for light rate, high travel coil-over applications on dirt or pavement. UHT designs meet the requirements of soft spring/big bar setups and remain consistent in free length and installed height.

Our Carbon Composite Bellows™ Spring (CCBS) is a new technology developed by our Hyperco location that improves performance by delivering a consistent, reliable motion that reduces the variables in the racecar platform. A standard CCBS installation:

- Is up to 66% lighter than a traditional spring and up to 50% lighter than a titanium spring.
- Is tunable simply by adding or removing spring elements in either ‘series’ or ‘parallel’ orientation for optimizing performance of both travel and rate.

Our Hydraulic Centering Perch offers our customers a major breakthrough in tire grip. Bending loads increase friction and wear in coil-over dampers. Friction in suspension applications reduces the performance of a racecar by decreasing the grip available at the tire contact patch. Our patented device solves this issue by significantly reducing the side loads produced by suspension springs that load the shock body.

- Functions by bending instead of torsion, so side force and friction are virtually eliminated, wear on shock absorber shafts and seals is reduced, and mechanical grip is increased at the contact patch of the tire.
- Allows you to create a system of elements that can be configured, tuned, and optimized for all of your application and performance requirements.

Racing Categories Served
- ALMS
- AMA
- AMRA
- East Coast Modified (D.I.R.T. Series)
- Formula 1®
- Grand Am
- IMCA
- Indycar®
- Legend Cars
- Lucas Oil® Late Model Dirt Modified
- NASCAR®
- NHRA
- SCCA
- SCORE International Off-Road Racing
- USAC
- World of Outlaws

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.

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