

The Preferred Global Supplier of Spring Solutions for Firearms



Firearm Springs Made in the USA for Precision & Accuracy

Put precision and accuracy into your firearm with custom spring solutions, made in the USA by Vulcan Spring. We will partner with your engineers, contract manufacturers and designers to prototype and mass-produce millions of custom springs for powerful and performance-focused firearms. Recognized by ISO and backed by statistical data and other studies that confirm our precision and consistency, we stand ready to custom build and design your spring with your firearm's function in mind.

How Our Springs Accommodate Firearms

- Made with the precision required for optimal function of your product
- Provide strong, and consistent force or torque output, even in small spaces
- Can be mass-produced to accommodate high volume needs
- Can be prototyped at early stages to ensure optimal function
- Can provide custom force and torque solutions as a custom or stock product

Most Common Applications



Box-Style Magazine



Handgun Drop-In Trigger



Rifle Drop-In Trigger
Replacement



Drum-Style Rifle Magazine



Buffer Tube Assembly



Constant Force Springs

Constant Force Springs provide continuous force from your firearm's first round to the last. Offering higher force in a compact space, constant force springs make for smoother reloads than traditional compression magazine springs, allowing for easier use of higher capacity magazines.



Power Springs

Power springs are used in drum and rotary style magazines for high capacity, reducing the need for reload. They provide high-cycle life and quality material for superior and constant performance.



Torsion Springs

Torsion springs provide precision and accuracy for force requirements, and are used in hammer and trigger applications. These springs can also be used for dust cover springs and flip-up sight mechanisms.



Compression Springs

Compression springs, or detent springs, magazine release springs or buffer springs, are available with a wire size capability of .008"-.177", and are used in magazines, all AR style lower and upper receiver springs, sights, trigger assemblies, ejector springs and mounts.



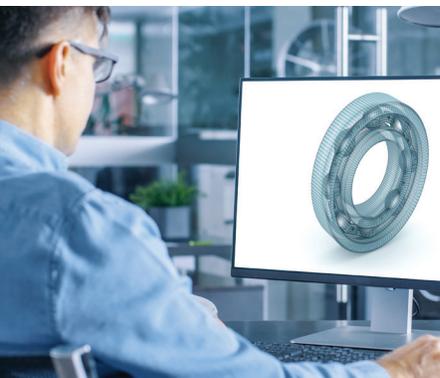
Wire Forms

Wire form springs are available with a wire size capability of .008"-.177", which aid in retention locking applications.



Pullboxes

Pullboxes are theft-deterrent solutions used by leading firearm manufacturers to display products in retail and tradeshow settings. Pullboxes are customizable and allow potential customers to interact with the look, feel and function of your product.



About Vulcan Spring

Vulcan Spring is the preferred global supplier of mass-produced spring solutions, headquartered in Telford, Pennsylvania. With innovative engineering, machinery and tooling, we can deliver a spring solution for even the most challenging applications. For industrial or POP displays and beyond, we're equipped for the quality and timely production of millions of springs, all while promising to make your experience from concept to production as easy as possible.