Compression springs are used to resist compression forces, store and release energy, absorb shock, and maintain a force between contacting surfaces. Jackson Spring can manufacture a wide variety of compression springs: from straight to conical to barrel shape; with open or closed ends; with ends ground or unground.

At Jackson Spring, we have access to a wide variety of carbon and stainless steel sizes and types, with an inventory of many standard sizes. We also have access and the ability to work with various exotic alloys and shaped materials, if requested.

In addition to manufacturing springs, we have access to a large variety of plating and finishing services for whatever the need is. From corrosion resistance to identification, from automotive to military specifications, we have the ability to meet most customer requirements.

Springs can sometimes require special packaging to reduce tangling, distortion, or to aid in the customer's assembly process. We can provide many different types of packaging, such as trays, tacky boards, and cell packaging based on the customer's requirements.
Extension Springs

Extension springs store energy and create resistance to a pulling force. The initial tension that determines how tightly together an extension spring is coiled can be manipulated to achieve the load requirements of your particular need. Jackson Spring has the ability to manufacture extension springs with a variety of end type and hook configurations.

Torsion Springs

Torsion springs are designed to store rotational energy or to apply torque. Jackson Spring is capable of producing both torsion and double torsion springs with a variety of leg configurations, such as axial, tangential, or radial, as well as shaped ends to facilitate mounting or application of load.

Wire Forms

Jackson Spring can also manufacture many types of wire forms in quantities as small as one piece. Because we have a large library of standardized tooling, we can often produce such parts with minimal or no tooling charges which is much more economical with small quantities.

Custom Springs

At Jackson Spring, we can develop and design custom springs to suit whatever your application requires. In addition to compression, torsion, and extension springs, we also have the capability to manufacture power, constant force, spiral torsion, and magazine springs.
JACKSON SPRING & MFG. CO., INC.
Mechanical Springs and Wire Forms

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