



# EXTENSION SPRINGS

## EXTENSION SPRINGS WITHOUT COMPROMISE

R & L Spring Company is a manufacturer of extension springs that are used for an array of applications including automotive mechanisms, appliances, power and hand tools, vending machines, firearms, powersports vehicles, and agricultural equipment. Extension springs are used in products to absorb energy, store it, and create resistance to a pulling force. Extension springs are typically wound with an initial tension that is based on the load requirements of an application to oppose extension. Both ends of the spring are attached to components so that when they are pulled apart the extension spring tries to bring them back together. The ends of the extension spring may include hooks, eyes, or other attachment mechanisms.

## APPLICATIONS

- Drug delivery devices
- Washing Machines
- Other household appliances
- Farm Machinery
- Lawn Mowers
- Power and Hand Tools
- Coin and Bill Counters
- Surgical Lights

## DESIGN EXPERIENCE THAT EXCEEDS EXPECTATIONS

R & L Spring Company offers a variety of configurations for extension springs and is equipped to meet most materials, tolerances, end configurations, and finish requirements.

Our Customer base includes industry leaders who demand high levels of service, so all Customers have one point of contact that provides a dedicated focus on their custom extension spring project.

## CUSTOM CAPABILITIES

- Absorb and store energy, create resistance to a pulling force.
- Provide a return force to extended acuations.
- A variety of combinations to create resistance to pulling forces:
  - Coils
  - Diameters
  - Lengths
  - End loops
- State-of-the-art coiler/loopers allow customization of end configurations to meet your particular needs

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