

# Custom Coiled Springs for Retail Applications

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## Constant and Variable Force Springs, Shelf Pushers and Reel Retrievers

MW Components manufactures custom coiled springs for retail environments, including constant and variable force springs, motor and power springs, shelf pushers, and retractable security cables (reel retrievers) often used in POP displays. We offer superior customer support throughout the design process, engineering assistance, prototyping, in-house quality control, and production at almost any volume—from 10 pieces to a million. Our spring products are manufactured using state-of-the-art CNC machining and stamping systems, including rotary-slide, multi-slide, and four-slide.

### We offer

- Various designs and end configurations
- Custom design & engineering assistance
- Short runs and high-volume production
- Competitive pricing
- Competitive lead times
- Laser etching

## Constant & Variable Force Springs

Motor and power springs or clock springs

Strip widths: 0.062" – 2"

Lengths: 12" - 60"

Thicknesses: 0.0016" - 0.031"

Small runs available

Competitive lead times

Standard and custom end configurations

Metric and imperial sizes

Laser etching



## Shelf Pusher Systems

Constant and variable force spring styles

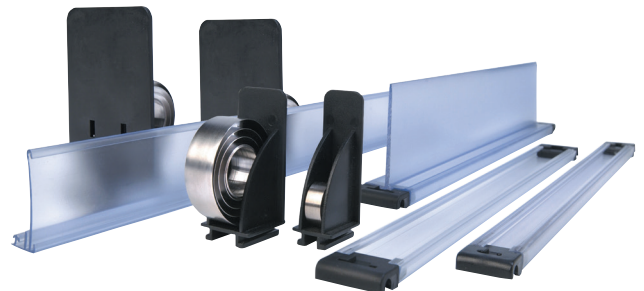
Various end configurations (including "T" and "Step")

Custom end fittings available

Custom engineering and design assistance

Range of materials and finishes

Metric and imperial sizes



## Reel Retrievers & Mini Reels

Retractable cable lengths: 6" - 72"

Competitive pricing

Short lead times

Metric and imperial sizes

Retraction forces from .25 lbs. to 2.0 lbs.

Custom cable configurations and thicknesses



# Custom Constant & Variable Force Spring Production Capabilities

## Production Support

- Design & Engineering Support
- Prototyping
- In-House Heat Treating
- In-House Tooling
- Inventory Support
- Custom Packaging
- Stamping & Machining
- Silk Screen Numbering & Lettering

### Materials

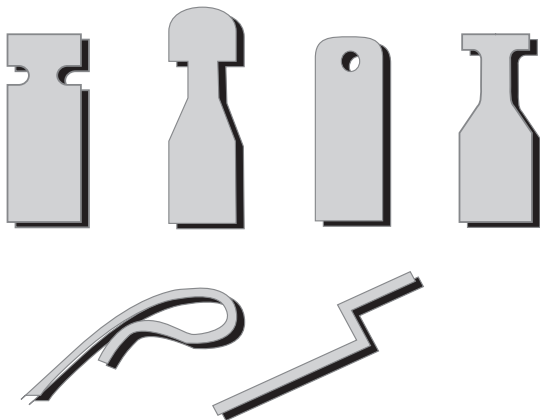
- Steel
- Stainless

### Certifications

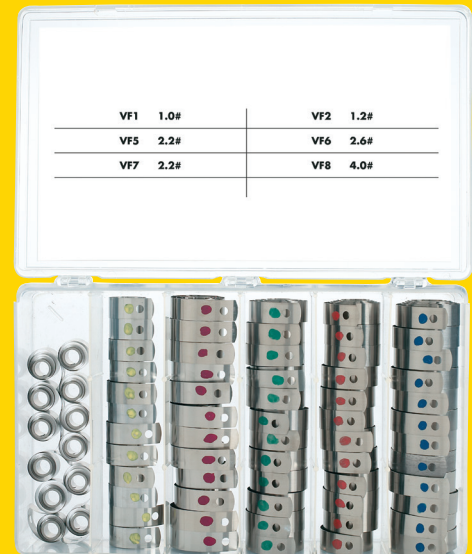
- ISO 9001
- AS9100D
- RoHS
- ITAR



## End Configuration Styles



Sample kits are available!



# Other MW Components – Baltimore Products & Services

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## Products

- Belleville Disc Springs
- Compression Springs
- Extension Springs
- Stampings
- Retaining Springs
- Saddle Springs
- Wire Forms

## Services

- Machining
- Stamping
- Forming
- Finishing (Coatings, Surface Treatments, Etc.)
- Design & Engineering Support
- Prototyping
- Tooling
- Performance Analysis & Testing
- Assembly
- Inventory Support
- Custom Packaging

# About MW Components

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MW Components is focused on accelerating the entire process of delivering custom, stock, and standard parts to virtually any volume and against demanding deadlines. We work to highly complex tolerances. We help simplify the management of any number of different components. And we take a no-compromise approach to quality. With MW Components, you can be sure you'll get the right part to the right specification when and where you need it.

MW Components. Whatever it takes.

[MWComponents.com](http://MWComponents.com)



## MW Components

To learn more, visit [MWComponents.com](http://MWComponents.com) or contact us at 704.280.8875 | [sales@mwcomponents.com](mailto:sales@mwcomponents.com)

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