



**NEWCOMB  
SPRING CORP**  
*Forming the Future*

For over a century Newcomb Spring has manufactured the highest quality metal forms. With modern equipment, state-of-the-art technologies and efficient processes, we rapidly fulfill customer orders for large runs, short runs and prototypes. One of the country's largest spring and metal form suppliers, our experienced team is ready to provide the custom parts you need. From standard parts to unique and complex designs, Newcomb Spring is your source for precision components.

## Whatever Your Needs – Newcomb Spring “Kan-Do It”

Our operations are designed to make the order process as easy as possible for our customers. Our capabilities include:

**Design Assistance** – Our experienced staff can review your order and make suggestions on spatial concerns, stress limitations, materials and ways to potentially lower production costs. We even offer our very own spring design calculator – the Springulator®. Customers look to Newcomb to help solve design challenges.

**Fast Turnaround** – With a network of nine locations and the industry's most advanced manufacturing technology, we can produce orders faster and meet the deadlines other suppliers can't. We utilize the latest equipment, some designed by our very own R&D Department, to rapidly fulfill orders with precision parts.

**Quality Controls** – Newcomb parts meet the strictest quality control requirements. We offer advanced QC processes that include camera control systems, laser measurement and real-time data reporting to ensure precision, accuracy and compliance. Every Newcomb Spring plant is also equipped with a Keyence Measurement System, ensuring consistency and accuracy.

**Materials** – We produce parts using standard, semi-precious and precious materials. Our efficient processes optimize material usage, so even parts manufactured using rare materials are priced competitively.

**Secondary & Finishing** – Our secondary processes maximize part performance, allowing Newcomb to produce springs and forms that are ready for our customers' applications. From heat treating to grinding to assembly and more, our array of finishing services is unmatched.

**Specialty Packaging** – We offer a wide variety of packaging options, and will also work with customers to develop custom packaging solutions. It is our goal to make our parts easy to use in your products.

**Order Reporting** – For orders that require high levels of accountability, Newcomb Spring can often provide detailed order reports with dimensions, part images and statistical charting that confirms order compliance to specifications.



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



### BATTERY CONTACTS

- ◆ Round Wire & Strip Material
- ◆ Factory-Stocked Nickel-Plated Carbon Steel Wire, Sizes .020 inches (5mm) & .024 inches (6mm)
- ◆ Standard & Precious Materials



### SHAPED RINGS

- ◆ .010 to .625 Inches in Wire Diameter
- ◆ Round, 1/2 Round, Square, Rectangle & Specialty Wire
- ◆ Special Ring Shapes Including Hexagon & Oblong



### COMPRESSION SPRINGS

- ◆ .004 to 2.0 Inches in Wire Diameter
- ◆ Round, 1/2 Round, Square, Rectangle & Specialty Wire
- ◆ Constant Coil, Barrel, Hourglass, Cone & Custom Spring Shapes



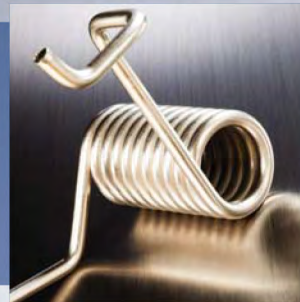
### STAMPINGS & FLAT SPRINGS

- ◆ .004 to .125 Inches Thick
- ◆ Up to 5.0 Inches Wide
- ◆ Often Fabricated in Conjunction with Other Parts & Assembled



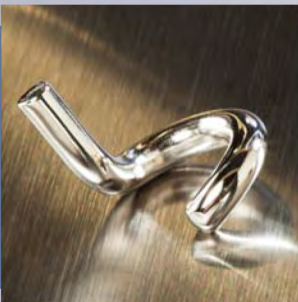
### EXTENSION SPRINGS

- ◆ .005 to .625 Inches in Wire Diameter
- ◆ Round, 1/2 Round, Square, Rectangle & Specialty Wire
- ◆ Over 8 Standard Spring End Options
- ◆ Custom Ends Available



### TORSION SPRINGS

- ◆ .004 to 2.0 Inches in Wire Diameter
- ◆ Round, 1/2 Round, Square, Rectangle & Specialty Wire
- ◆ Multiple End & Arm Options
- ◆ Custom Double Torsion Spring Designs



### HOOKS & PAINT HOOKS

- ◆ .004 to .625 Inches in Wire Diameter
- ◆ Round, 1/2 Round, Square, Rectangle & Specialty Wire
- ◆ Over 6 Standard Hook End Options
- ◆ Custom Ends Available



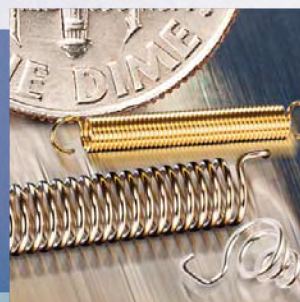
### WIRE FORMS

- ◆ .004 to .625 Inches in Wire Diameter
- ◆ Round, 1/2 Round, Square, Rectangle & Specialty Wire



### MAGAZINE SPRINGS

- ◆ .004 Inches to 2.0 Inches in Wire Diameter for Round Wire
- ◆ .004 to .125 Inches Thick
- ◆ Up to 5.0 Inches Wide for Flat & Strip Material



### MICRO SPRINGS

- ◆ Micro Compression, Extension, & Torsion Springs
- ◆ Micro Stampings & Flat Springs
- ◆ Often Used in Medical Applications

# NEWCOMB SPRING CORP

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ISO 9001 Certified ♦ ITAR ♦ DDTC ♦ MIL ♦ SAM



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Visit us at [NewcombSpring.com](http://NewcombSpring.com)  
or use our Springulator® Spring Design Calculator at [Springulator.com](http://Springulator.com)