



# RL

SPRING COMPANY

PRECISION SPRINGS AND  
WIRE FORMS FOR INDUSTRY



- WIDEST RANGE OF PRODUCTS
- MODERN OPERATIONS, LATEST TECHNOLOGIES
- SKILLED EMPLOYEES
- CONSISTENT, CERTIFIED QUALITY & VALUE-ADDED
- COMPLEX PARTS & SUB-ASSEMBLIES
- SERVICE EXCELLENCE, CUSTOMERS WORLDWIDE



**WE WELCOME YOUR TOUGHEST PARTS CHALLENGES**

## R&L SPRING COMPANY

R&L Spring Company is the preferred source of OEMs of all sizes for precision springs and wire forms, plus secondary and finishing processes.

Since 1972, we've reliably supplied leading manufacturers, from general industrial to automotive to medical device, with the most demanding parts requirements.

From engineering, production and quality assurance, through logistics and post-sale service, R&L Spring is committed to supplying Customers with the parts they need, made right and on time.

### COMPRESSION SPRINGS -

- From micro-miniature sizes for medical, to large suspension for recreational and commercial vehicles.
- Broad configurations in round, square, or special section wire.
- Barrel, conical, hourglass, varied diameters or rate configurations.



### EXTENSION SPRINGS -

- Different coils, diameters, lengths, and end loops.
- State-of-the-art coilers allow optimum customization.



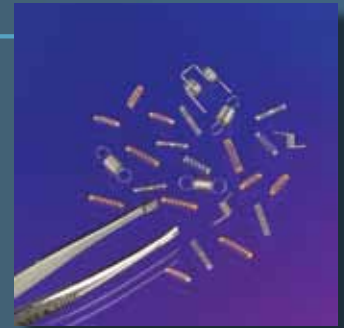
### TORSION SPRINGS -

- Our engineers can assist in complex designs and applications.
- Variety of wire sizes, diameters, and custom options.
- Double-torsion springs for complex applications.



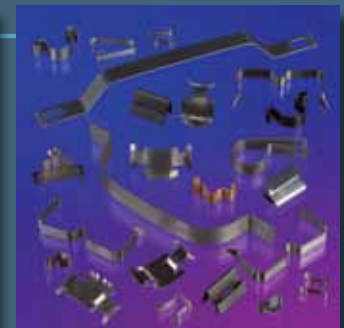
### MICRO COILING -

- Micro-precision coils and wire forms. Diameters as low as .001".
- Cleaning and packaging solutions protect your products.
- Custom equipment, peripheral capabilities – a leader in precision micro-miniature to microscopic coils.



### WIRE FORMS / FOUR SLIDE -

- Complex wire forms and fourslide components.
- Bending, forming, stamping and shaping.
- Modern CNC machines allow unlimited shapes and sizes.
- Traditional fourslide machines offer precision, low-cost tooling, high-speed production.



WE WELCOME YOUR TOUGHEST PARTS CHALLENGES

# VALUE ADDED

Our value added services help minimize product handling and speed quality products to your assembly lines:

## WIRE DIAMETER CAPABILITIES -

- Light coiling (.001" - .072").
- Medium coiling (.073" - .207").
- Heavy coiling (.208" - .500").
- Wire Forms – Up to .500" diameter in infinite configurations.
- Fourslide/Multislide – Wire and flat stock components.

## MANUFACTURING -

- Continuous capital investment ensures latest technologies / processes for the application.
- Highly trained and skilled employees assure quality results.
- Process control systems, lean enterprise, continuous improvement, APQP, SPC, etc. optimize manufacturing process.

## SECONDARY PROCESSES AND FINISHING -

- Grinding, Stress Relieving, Shotpeening, Deburring, Welding (including laser), CNC Machining, Light Assembly, Custom Part Labeling, Plating and Coating options.

## CUSTOMIZED FULFILLMENT AND INVENTORY MANAGEMENT -

- We adapt to your needs (JIT, kanban, EDI, VMI, EFT, packaging, etc.)
- No call centers. An assigned Customer Service Representative is your personal point of contact.

## RAPID PROTOTYPING AND DESIGN -

- CAD capabilities, electronic print exchange expedite design and quotation.
- Spring design software allows quick solutions or recommendations.
- Fast, efficient prototypes aid concept development system design.

## FULLY EQUIPPED TOOL ROOM -

- In-house custom tooling, machine design capabilities.
- Modern equipment, including wire EDM allows in-house tooling / gauging for faster turnaround.
- Knowledgeable, dedicated craftsmen on staff.



**ALIGNING OPERATIONAL EXCELLENCE WITH CUSTOMER NEEDS**

# QUALITY

- Understanding Customer requirements is the cornerstone of our Advanced Product Quality Planning process.
- We develop a detailed control process from initial contract review through product delivery. Using tools like APQP, PPAP, SPC, etc., we identify potential problems and define up-front solutions saving valuable time and money, improving product consistency, quality and delivery.
- - ISO 9001:2008 Certified
  - Sole source status with many Customers
  - Numerous customer quality awards



## CUSTOMER FIRST, QUALITY ALWAYS

### ADVANCE PLANNING

- Understand Customer requirements... completely.
- Upfront solutions by collaborative design.
- Develop detailed controlled processes.
- Process & control plans to assure quality is delivered.
- ISO9001:2008 quality model.

### RIGHT EQUIPMENT FOR THE JOB

- Modern, state-of-the-art machines and equipment.
- Lean manufacturing principles throughout.
- Automation, process flow, inspection plans.
- Quality at the sources.
- Highly skilled workforce, cross-functionally trained.

### CUSTOMIZED FULFILLMENT

- Product delivered the way the Customer wants.
- VMI, kanban, stocking arrangements, etc.
- Packaged to optimize performance.



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