



Economy Spring



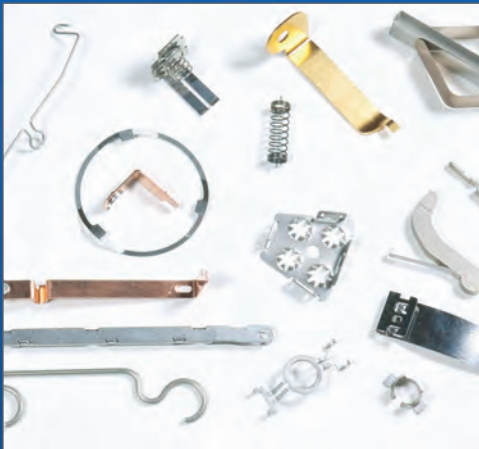
Economy Spring Division of MW Industries, Inc. is a manufacturer of precision wire forms, metal stampings, coil springs, torsion springs, and product assemblies that are utilized throughout the medical and pharmaceutical

industries. From laparoscopic device hardware, disposable drug delivery system components, implantable titanium products, catheter guide wires, electrical device contacts, diagnostic equipment components, surgical staples, and hemostatic/ligating clips: our manufacturing processes are designed to support rigid cleanliness and quality standards for the most demanding medical device applications.

Economy Spring can provide prototype services with our in-house tool engineering, to preliminary pilot production that helps support initial device development programs. Production is later supported by our high-speed state-of-the-art manufacturing equipment. The manufacturing capabilities we employ range from micro-coiling fine wire products, to bending/winding complex part shapes in our CNC wire form machines, to technical metal stampings in a progressive die. Our engineering team is always available to assist our customers with their concepts to develop the product parameters that will optimize the design intent, or help with product packaging considerations that will help facilitate line-automation techniques.

Internal processing methods are employed at Economy Spring that help speed the product to market. From nitric/citric passivation, tube packaging, cycle testing, burnishing/polishing, resistance welding, degreasing, shot peening, tray packaging, high speed spring grinding, and cold setting: the process that is designed for each component has been developed in a controlled system that is unique to each part. All processing and quality system requirements comply with ISO 9001:2008.

Our manufacturing environment provides project support through advanced quality planning and precision production methods through our skilled engineering. Customer satisfaction stems from our versatility and continuous improvement methodology that continue to assure product compliance. These qualities are inherent with all of the components that are manufactured with our equipment.



Economy Spring

PRODUCTS:

- | | |
|----------------------|---------------------------------|
| Wire Forms | Electrical Device Contacts |
| Metal Stampings | Hemostatic/Ligating Clips |
| Coil Springs | Laparoscopic Device Hardware |
| Torsion Springs | Drug Delivery System Components |
| Product Assemblies | Implantable Titanium Products |
| Catheter Guide Wires | Implantable Titanium Products |
| Surgical Staples | Diagnostic Equipment Components |

MATERIALS:

- | | | |
|-----------------|------------------|-----------|
| Nitronic | Phos Bronze | Chromel |
| MP35N | Beryllium Copper | Hastelloy |
| Elgiloy | Chrome Silicon | Inconel |
| Titanium | Chrome Vanadium | Kanthal |
| Copper | C1008/C1010 | Kovar |
| Brass | C1050 | Monel |
| Music Wire | C1075 | Nikrothal |
| Rocket Wire | C1095 | Nickel |
| Basic Wire | Aluminum | Tungsten |
| Stainless Steel | Alumel | |

CAPABILITIES:

- Micro-Coiling Fine Wire Products
- Bending/Winding Complex Shapes
- Technical Metal Stampings

CERTIFICATIONS:

- ISO 9001:2008
- SMI
- NESMA



Economy Spring Division

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