

Motion Dynamics Corporation manufactures custom micro springs, medical coils, wire components and laser welded assemblies for use in the medical device industry. The mainframe of our business is dedicated to the design, production and assembly of high quality wire components for Medical Device applications. We are experienced with the demands of the product development and production process and offer the shortest possible lead time.

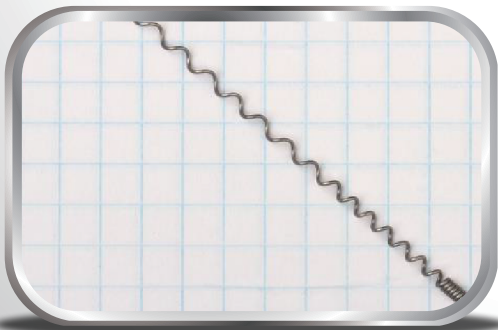


Catheter Reinforcement Coils

- ☑ Quick Turn Programs
- ☑ Round, Flat, and Square Material
- ☑ Discrete Lengths Up to 10 ft.
- ☑ End Conditions: Open, Closed, Ground Flat, Tapered
- ☑ Heat Shrink Application
- ☑ Laser Welded Reinforcement Wires
- ☑ PTFE Coated Material

Micro-coils, Helixes and Garter/Contact Springs

- ☑ Variable Pitch and Diameter
- ☑ Custom End Configurations
- ☑ Laser Formed Radius or Ball Ends
- ☑ IS1, IS4, & DF1 Compatible Contact Springs
- ☑ Laser Weld or Crimp Attachment to Hypotube, Wire, or Machined Components
- ☑ Shape Set Coils to Desired Geometry



Capabilities:

- ☑ **Diameter Range**
 - ☑ Material - 0.0005" – 0.125"
 - ☑ Coil Diameter <0.004", Coil Index < 3
- ☑ **Common Materials**
 - ☑ Au, W, PtIr, PtW, Ta, Ag
 - ☑ 302 Series, 304 Series, 316 Series, etc.
 - ☑ Titanium
 - ☑ Tungsten, Gold Plated Tungsten

- ☑ Beryllium Copper – Including Pre-Plated Material
- ☑ Nickel Titanium – Nitinol
- ☑ Cobalt/Chromium Alloys



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