



Fennell Spring Precision Spring & Wire Forming

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Fennell Spring offers precision compression, extension, torsion and clutch springs, conduit, and custom wire forms in wire diameters of .005" to .3175" in a variety of raw and pre-plated materials for prototype and production manufacturing.

PRODUCT CAPABILITIES

Wire Diameter: .005" to .3175"
 Length: Up to 265'
 Angular Tolerances:
 Bend Angle +/- 3 Degrees
 Free Angle +/- 10 Degrees
 Linear Tolerance: +/- 0.5mm
 Radius: +/- 0.5mm
 Minimum radius is a wire size

Materials Used

Alloys
 Brass & Bronze
 Music Wire
 Pre Plated Music Wire
 (Alumar, Galfan, Bezinol)
 OTCS
 OTMB / Hard Drawn
 Shaped Material
 Stainless Steel

PROCESS CAPABILITIES

Primary Operations
 65 Coiling Centers
 Inline & Batch Stress Relief
 Automated Processes For Efficiency

Secondary & Finishing Operations
 Grinding
 Keyence Vision System For Inspection
 100% Inspection/Gauging
 Oil Dip For Rust Prevention
 Painting/Dyeing
 Shot Peening/Tumbling
 Special Packaging

OUTSIDE OPERATIONS

Electropolish
 Plating
 Passivate
 Special Heat Treat
 Specialty Coatings
 Surface Treatments

IN-HOUSE MAINTENANCE & TOOL MAKING

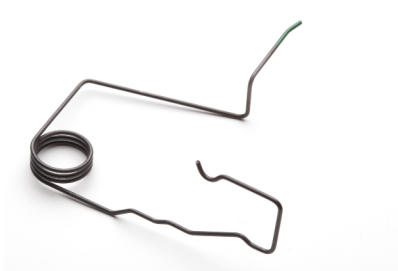
Auto-Feed Part Handling
 Fixtures to Specification
 Maintaining & Rebuilding Equipment
 Tooling & Innovative Special Tooling

CERTIFICATIONS

ISO 9001 Certified
 IATF 16949 Certified
 ITAR Registered

MARKET EXPERIENCE

Aerospace
 Automotive
 Battery
 Power Generation
 Commercial/Industrial
 Computer
 Connector
 Electronics
 Defense/Firearms
 Military
 Marine
 Medical
 Lighting
 Semiconductor
 Valve



creating client
 & component
 connections

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