

For over 60 years, Jackson Spring & Mfg. Co. Inc. has been dedicated to creating custom compression springs for a wide range of applications.

## Compression Spring Capabilities

### Spring End Configurations

Combination Ends  
Plain or Open Ends  
Ground  
Squared or Closed Ends  
Squared or Closed Ends - Ground

### Spring Materials

Stainless Steel  
Alloy Steel  
Copper Steel

### Spring Material Grades

ASTM A229 (Oil Tempered MB Grade)  
SAE 1080 (Oil Tempered GB Grade)  
ASTM A227 (Hard - Drawn MB grade)

#### Carbon Steel

ASTM A228 (Music Wire)  
SAE 1074 (Blue Tempered or Annealed)  
SAE 1064 (Blue Tempered or Annealed)  
SAE 1070 (Blue Tempered or Annealed)  
SAE 1095 (Blue Tempered)

#### Alloy Steel

ASTM A231 (Chromium Vanadium)  
ASTM A401 (Chromium Silicon)

#### Copper

ASTM A313 (Stainless)  
SAE 51414 (Stainless)  
SAE 51420 (Stainless)  
SAE 51431 (Stainless)

ASTM B 134 (Spring Base)  
ASTM B 159 (Phosphor Bronze)  
ASTM B 197 (Beryllium copper)

### Equipment

CNC Machinery  
Compression Spring Coiler  
Mechanical Coiler  
CNC Coiler

<b>Additional Services</b>	CAD Design Passivating Color Coating
<b>Testing/Inspection</b>	Vision System Optical Comparison Various Load Testing
<b>Helix Direction</b>	Left Right
<b>Part Diameter</b>	OD Max: 6"
<b>Wire diameter</b>	Min: 0.010" Max: 0.472"
<b>Production Volume</b>	Specialty Production Shop Prototype Long Runs High Volume
<b>Typical Lead Time</b>	3-4 Weeks Job to Job Basis Rush Services Available Emergency Services Available JIT Deliveries
<b>Industry Focus</b>	Automotive Agriculture Machinery Medical Valves Fluid Sealing Fire Arms
<b>Industry Standards</b>	CASMI - Chicago Association of Spring Manufacturers, Inc. SMI - Spring Manufacturers Institute IATF 16949:2016 & ISO 9001:2015- International Organization for Standardization ITAR Registered
<b>Efficiency</b>	Lights Out Manufacturing

**For more information or to request a quote call 847-952-8850  
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