Compression springs are open-coil helical springs wound or constructed to oppose compression along the axis of wind. Helical Compression Springs are the most common spring configuration. Generally, they are either placed over a rod or fitted inside a hole. When you put a load on a compression spring, making it shorter, it pushes back against the load and tries to get back to its original length. Compression springs offer resistance to linear compressing forces (push), and are in fact one of the most efficient energy storage devices.

Compression springs can be supplied with ground ends for improved squareness and reduced solid heights.

Comprehensive Capabilities

Configurations:

- Cylindrical • Conical • Barrel • Hourglass
- Closed Ends • Open Ends • Reduced Ends
- Ground Ends • Unground Ends
- Constant Pitch • Variable Pitch

Secondaries:

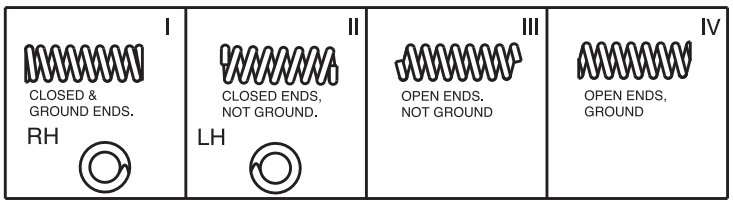
- Stress Relieve • Heat Treating • Passivation
- Shot Peening • Plating • Painting
- Powder Coating • Grinding

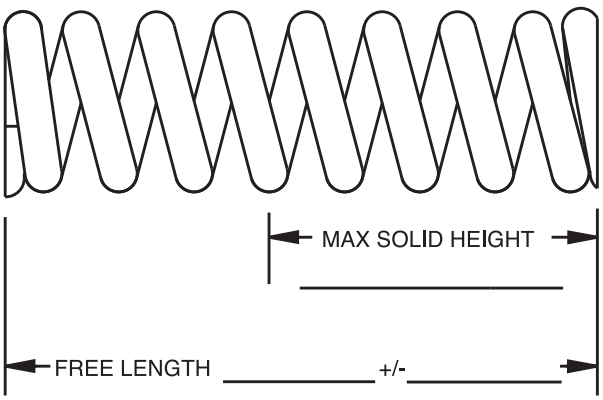
Wire sizes from .002" through .625"

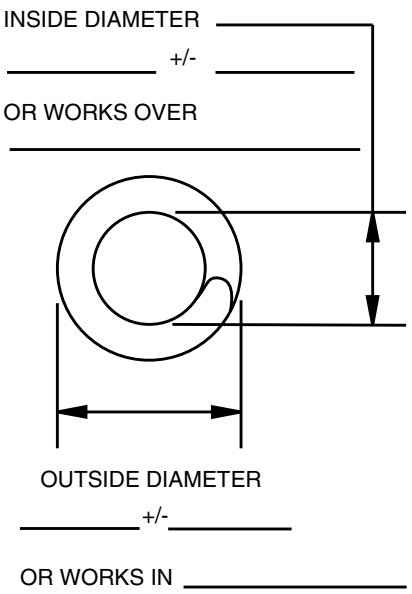
Materials:

- Carbon Steels • Alloy Steels
- Stainless Steel 17-7, 302, 304 and 316
- Phosphor Bronze
- Hastelloy • Inconel 600, 718 and x750
- Beryllium Copper • Elgiloy®†

† Elgiloy is a trademark of Elgiloy Ltd. Partnership.







INDICATE UNITS OF MEASURE (IN. & LB.), (MM & KG)

1. **MATERIAL** _____
2. **WIRE DIAMETER** _____
3. **DIRECTION OF WIND** OPT LH RH
4. **STYLE OF END** I II III IV
5. **SQUARENESS** _____
6. **RATE** _____ +/- _____ BETWEEN _____ & _____
7. **LOAD 1** _____ +/- _____ @ _____
8. **LOAD 2** _____ +/- _____ @ _____
9. **NUMBER OF ACTIVE COILS** _____
10. **TOTAL NUMBER OF COILS** _____
11. **FINISH** _____
12. **FREQUENCY OF COMPRESSION**
    _____ CYCLES/SEC. AND WORKING RANGE
    _____ IN. TO _____ IN. OF LENGTH
13. **OPERATING TEMP.** _____ °F
14. **OTHER:** _____

COMPANY: _____

ADDRESS: _____

_____

CITY: _____

STATE: _____ ZIP: _____

CONTACT: _____

PHONE: _____

FAX: _____

EMAIL: _____

QUANTITIES TO BE QUOTED: _____

END USE OR APPLICATION: _____

_____

_____

_____