Drawbar Springs are assemblies in which the main spring will compress as the drawbars extend under an applied load. They are often capable of withstanding loads far in excess of the compression springs closing force and should be considered in applications where a positive stop of overload protection is required. Because of the Drawbar Spring's unique characteristic as an extension spring with a fixed stop, potential overstretching is eliminated.

Comprehensive Capabilities

Configurations:

• Standard End • Strap End • Eyelet End • Enlarged End

Secondaries:

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

Wire sizes from .002" through .625"

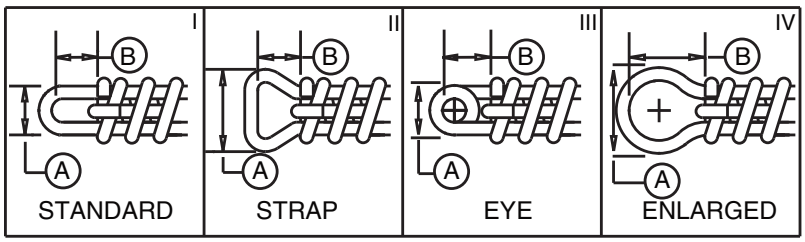
Materials:

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

† Elgiloy is a trademark of Elgiloy Ltd. Partnership.

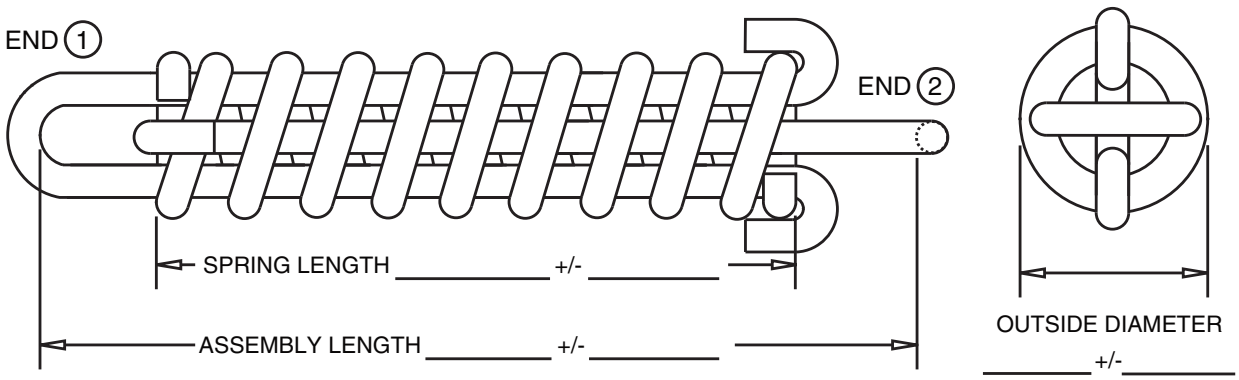
SPECIFICATION FORM

END STYLE



END (1) I, II, III, IV
DIM. (A) _____ +/- _____
DIM. (B) _____ +/- _____

END (2) I, II, III, IV
DIM. (A) _____ +/- _____
DIM. (B) _____ +/- _____



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

1. **(SPRING) MATERIAL** _____ WIRE DIA. _____
2. **(HOOK) MATERIAL** _____ WIRE DIA. _____
3. **RATE** _____ +/- _____ BETWEEN _____ & _____
4. **LOAD 1** _____ +/- _____ @ _____
5. **LOAD 2** _____ +/- _____ @ _____
6. **NUMBER OF ACTIVE COILS** _____
7. **TOTAL NUMBER OF COILS** _____
8. **FINISH** _____
9. **FREQUENCY OF COMPRESSION**
   _____ CYCLES/SEC. AND WORKING RANGE
   _____ IN. TO _____ IN. OF LENGTH
10. **OPERATING TEMP.** _____ °F
11. **OTHER:** _____

COMPANY: _____
ADDRESS: _____
_____
CITY: _____
STATE: _____ ZIP: _____
CONTACT: _____
PHONE: _____
FAX: _____
EMAIL: _____
QUANTITIES TO BE QUOTED: _____
END USE OR APPLICATION: _____
_____
_____
_____