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.
CUSTOM DRAWBAR SPRINGS

SPECIFICATION FORM

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: __________________________

END STYLE

STANDARD | STRAP | EYE | ENLARGED

END 1 I, II, III, IV
DIM. A ______ +/- ______
DIM. B ______ +/- ______

END 2 I, II, III, IV
DIM. A ______ +/- ______
DIM. B ______ +/- ______

SPRING LENGTH ______ +/- ______
ASSEMBLY LENGTH ______ +/- ______
OUTSIDE DIAMETER ______ +/- ______

CUSTOM SPRINGS
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