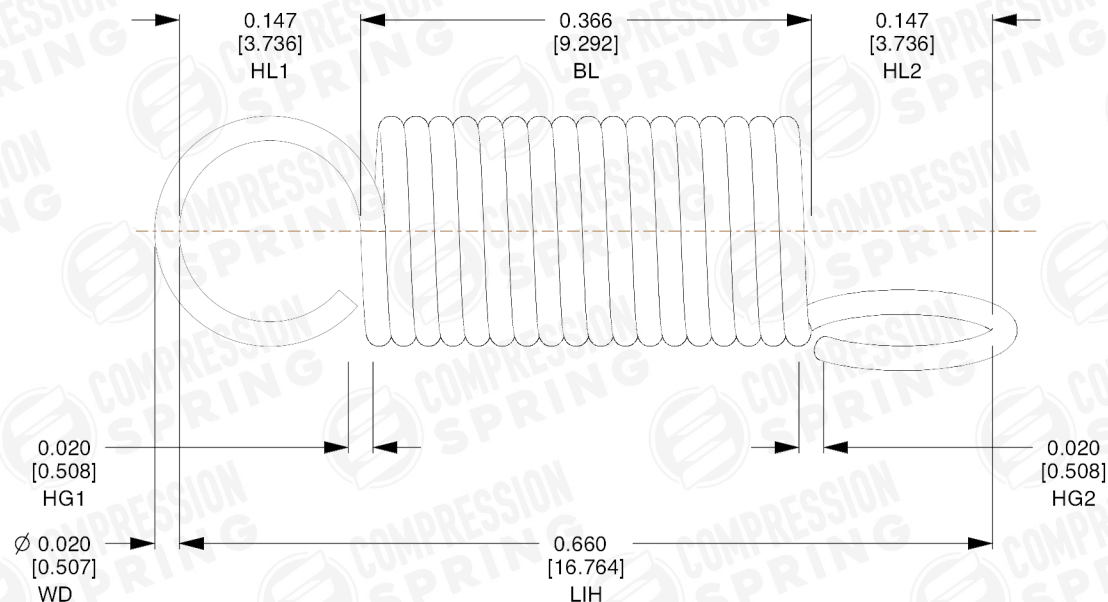


|                                                |                                                                                                                   |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| Part Name:                                     | Date: 06/02/2026                                                                                                  |
| Part #: in<br>(Click to see Part # on Website) | PE020-187-17300-MW-0660-SH-N-IN  |
| Spring Type: Extension Spring                  | End Type: Side Hook                                                                                               |
| Finish: None                                   | Direction of Wind: Right Hand                                                                                     |
| Material: Music Wire ASTM A228                 | Spring Index (I): 8.350                                                                                           |
| Weight / M: 0.930 Lbs                          | Length of W: 10.420 in                                                                                            |

| Physical Dimensions       | IN       | MM          | Tolerances (in) |
|---------------------------|----------|-------------|-----------------|
| Wire Diameter (WD)        | 0.020 in | [0.508 mm]  | +/- 0.001       |
| Outer Diameter (OD)       | 0.187 in | [4.750 mm]  | +/- 0.005       |
| Mean Diameter (MD)        | 0.167 in | [4.242 mm]  | +/- 0.005       |
| Inner Diameter (ID)       | 0.147 in | [3.734 mm]  | +/- 0.005       |
| Length Inside Hooks (LIH) | 0.660 in | [16.764 mm] | +/- 0.025       |
| Body Length (BL)          | 0.366 in | [9.296 mm]  | +/- 0.015       |
| Hook Gap 1 (HG1)          | 0.020 in | [0.508] mm  |                 |
| Hook Gap 2 (HG2)          | 0.020 in | [0.508] mm  |                 |
| Hook Length 1 (HL1)       | 0.147 in | [3.734] mm  |                 |
| Hook Length 2 (HL2)       | 0.147 in | [3.734] mm  |                 |
| Total Hook Length (THL)   | 0.294 in | [7.468] mm  |                 |

|                                   |                  |                    |           |
|-----------------------------------|------------------|--------------------|-----------|
| Spring Rate (K)                   | 2.85277 lbs/in   | 0.500 N/mm         | +/- 0.285 |
| Max Load (ML)                     | 2.130 lbf        | 9.473 N            | +/- 0.213 |
| Max Travel (MT)                   | 0.655 in         | 16.640 mm          |           |
| Initial Tension (IT)              | 0.261 lbf        | 1.160 N            |           |
| Max Shear Stress Possible (t max) | 167320.000 PSI   | 1153630790.265 Pa  |           |
| Material Shear Modulus (G)        | 11492970.929 PSI | 79241245134.131 Pa |           |
| Wahl Correction Factor (W)        | 1.176            | 1.176              |           |



Note: Body Length, Total Coils, End Type and End Position is for reference only.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                 |              |             |           |                                                                                                                                                                                                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Notes                                                                                                                                                                                                                                                                                                                                                                                                                                           | Scale: 6.417 | Revision #: | Drawn By: | Approved By:                                                                                                                                                                                                                       |
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