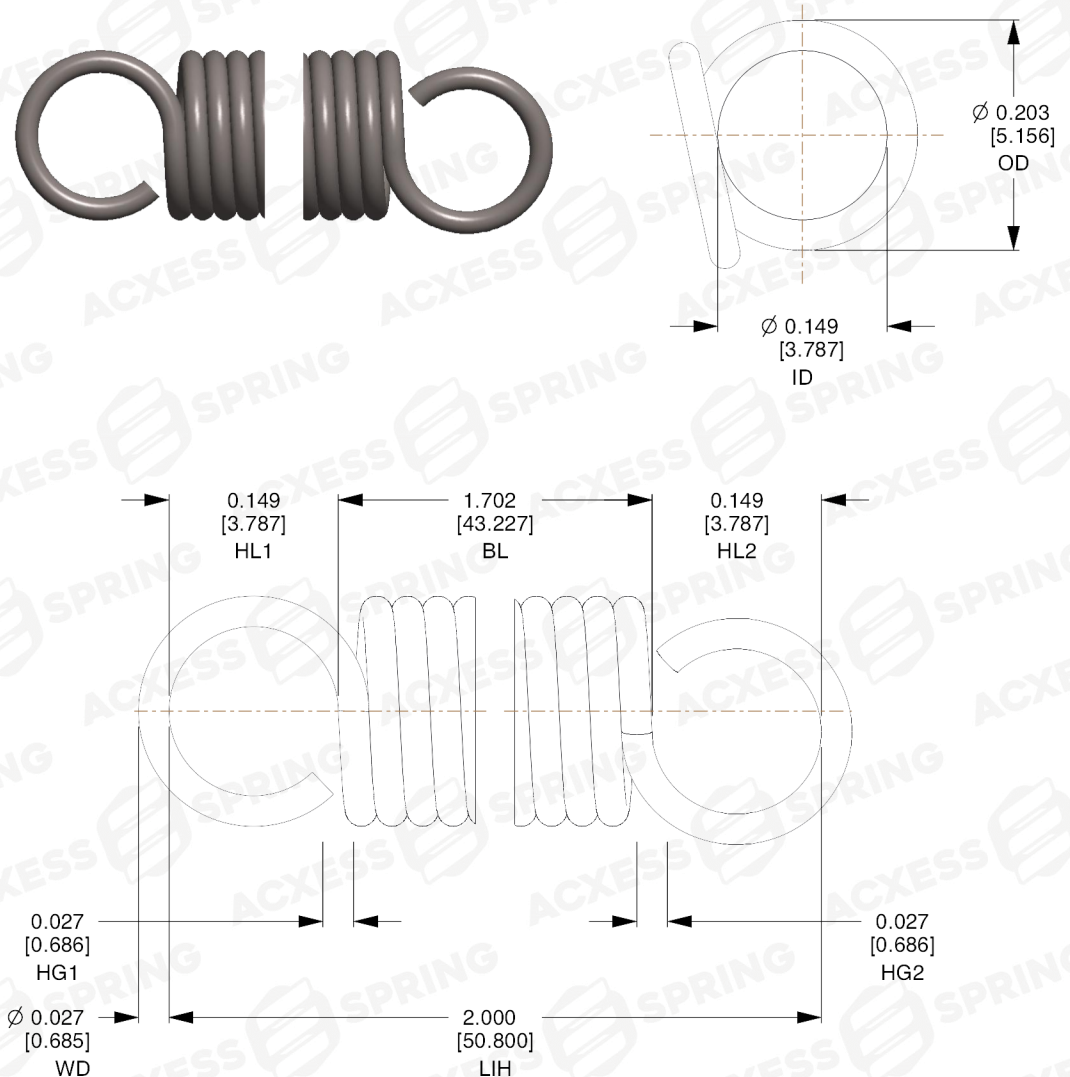


|                                                |                                                                                                                   |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| Part Name:                                     | Date: 06/02/2026                                                                                                  |
| Part #: in<br>(Click to see Part # on Website) | PE027-203-62037-MW-2000-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): 6.519                                                                                           |
| Weight / M: 5.809 Lbs                          | Length of W: 35.705 in                                                                                            |

| Physical Dimensions       | IN       | MM          | Tolerances (in) |
|---------------------------|----------|-------------|-----------------|
| Wire Diameter (WD)        | 0.027 in | [0.686 mm]  | +/- 0.001       |
| Outer Diameter (OD)       | 0.203 in | [5.156 mm]  | +/- 0.005       |
| Mean Diameter (MD)        | 0.176 in | [4.470 mm]  | +/- 0.005       |
| Inner Diameter (ID)       | 0.149 in | [3.785 mm]  | +/- 0.005       |
| Length Inside Hooks (LIH) | 2.000 in | [50.800 mm] | +/- 0.050       |
| Body Length (BL)          | 1.702 in | [43.231 mm] | +/- 0.050       |
| Hook Gap 1 (HG1)          | 0.027 in | [0.686] mm  |                 |
| Hook Gap 2 (HG2)          | 0.027 in | [0.686] mm  |                 |
| Hook Length 1 (HL1)       | 0.149 in | [3.785] mm  |                 |
| Hook Length 2 (HL2)       | 0.149 in | [3.785] mm  |                 |
| Total Hook Length (THL)   | 0.298 in | [7.569] mm  |                 |

|                                   |                  |                    |           |
|-----------------------------------|------------------|--------------------|-----------|
| Spring Rate (K)                   | 2.25740 lbs/in   | 0.395 N/mm         | +/- 0.226 |
| Max Load (ML)                     | 4.443 lbf        | 19.763 N           | +/- 0.444 |
| Max Travel (MT)                   | 1.632 in         | 41.443 mm          |           |
| Initial Tension (IT)              | 0.760 lbf        | 3.380 N            |           |
| Max Shear Stress Possible (t max) | 158390.000 PSI   | 1092060607.638 Pa  |           |
| Material Shear Modulus (G)        | 11492970.929 PSI | 79241245134.131 Pa |           |
| Wahl Correction Factor (W)        | 1.230            | 1.230              |           |



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

|                                                                                                                                                                                                                                                                                                                                                                                                                                                        |              |             |           |                                                                                                                                                                                                                                             |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------------|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Notes                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Scale: 5.911 | Revision #: | Drawn By: | Approved By:                                                                                                                                                                                                                                |
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