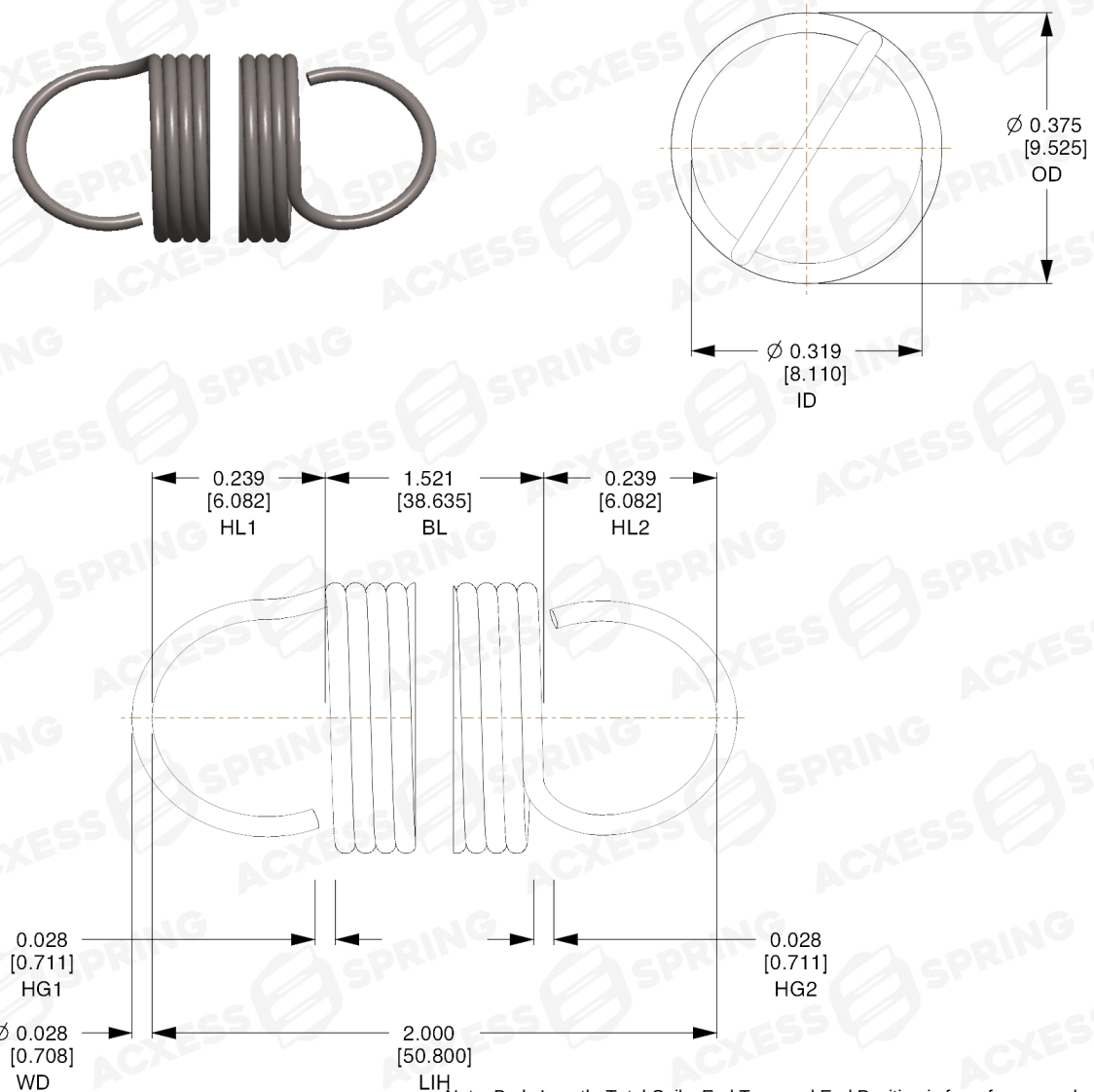


|                                                |                                                                                                                   |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| Part Name:                                     | Date: 06/02/2026                                                                                                  |
| Part #: in<br>(Click to see Part # on Website) | PE028-375-53340-MW-2000-MH-N-IN  |
| Spring Type: Extension Spring                  | End Type: Machine Hook                                                                                            |
| Finish: None                                   | Direction of Wind: Right Hand                                                                                     |
| Material: Music Wire ASTM A228                 | Spring Index (I): 12.393                                                                                          |
| Weight / M: 10.436 Lbs                         | Length of W: 59.647 in                                                                                            |

| Physical Dimensions       | IN       | MM          | Tolerances (in) |
|---------------------------|----------|-------------|-----------------|
| Wire Diameter (WD)        | 0.028 in | [0.711 mm]  | +/- 0.001       |
| Outer Diameter (OD)       | 0.375 in | [9.525 mm]  | +/- 0.008       |
| Mean Diameter (MD)        | 0.347 in | [8.814 mm]  | +/- 0.008       |
| Inner Diameter (ID)       | 0.319 in | [8.103 mm]  | +/- 0.008       |
| Length Inside Hooks (LIH) | 2.000 in | [50.800 mm] | +/- 0.050       |
| Body Length (BL)          | 1.521 in | [38.633 mm] | +/- 0.050       |
| Hook Gap 1 (HG1)          | 0.028 in | [0.711 mm]  |                 |
| Hook Gap 2 (HG2)          | 0.028 in | [0.711 mm]  |                 |
| Hook Length 1 (HL1)       | 0.239 in | [6.071 mm]  |                 |
| Hook Length 2 (HL2)       | 0.239 in | [6.071 mm]  |                 |
| Total Hook Length (THL)   | 0.479 in | [12.167 mm] |                 |

|                                   |                  |                    |           |
|-----------------------------------|------------------|--------------------|-----------|
| Spring Rate (K)                   | 0.39635 lbs/in   | 0.069 N/mm         | +/- 0.040 |
| Max Load (ML)                     | 2.894 lbf        | 12.874 N           | +/- 0.289 |
| Max Travel (MT)                   | 6.721 in         | 170.703 mm         |           |
| Initial Tension (IT)              | 0.231 lbf        | 1.025 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)        | 1.115            | 1.115              |           |



|                                                                                                                                                                                                                                                                                                                                                                                                                                                 |              |             |           |                                                                                                                                                                                                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Notes                                                                                                                                                                                                                                                                                                                                                                                                                                           | Scale: 3.867 | Revision #: | Drawn By: | Approved By:                                                                                                                                                                                                                       |
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