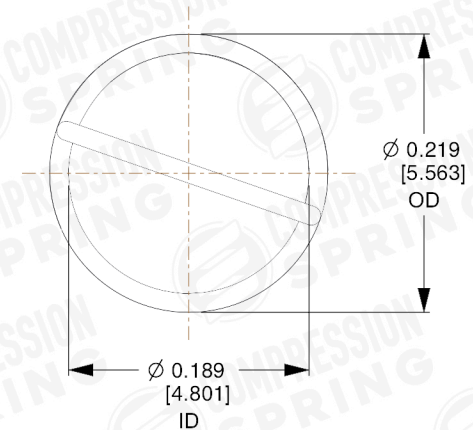
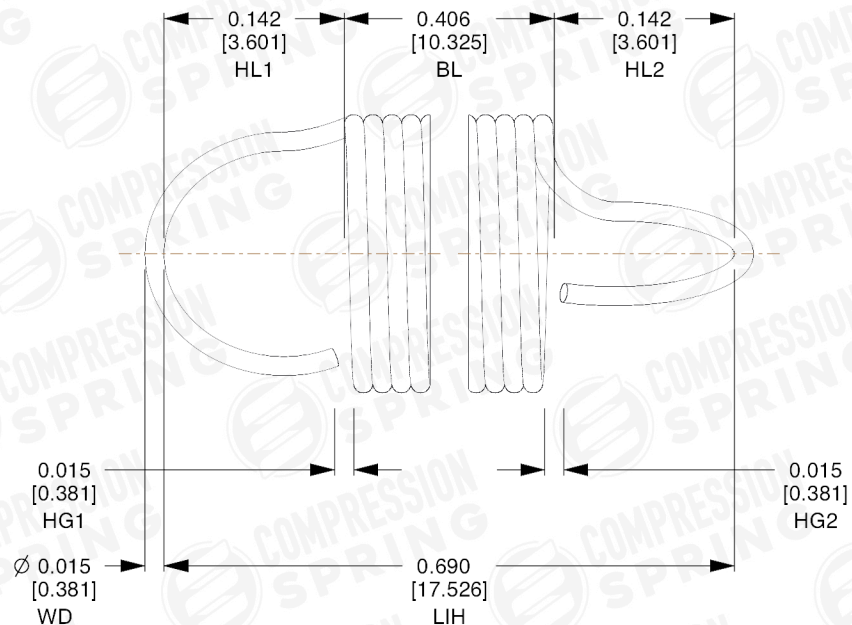


|                                                |                                                                                                                   |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| Part Name:                                     | Date: 06/02/2026                                                                                                  |
| Part #: in<br>(Click to see Part # on Website) | PE015-219-26100-MW-0690-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): 13.600                                                                                          |
| Weight / M: 0.884 Lbs                          | Length of W: 17.608 in                                                                                            |



| Physical Dimensions       | IN       | MM          | Tolerances (in) |
|---------------------------|----------|-------------|-----------------|
| Wire Diameter (WD)        | 0.015 in | [0.381 mm]  | +/- 0.001       |
| Outer Diameter (OD)       | 0.219 in | [5.563 mm]  | +/- 0.005       |
| Mean Diameter (MD)        | 0.204 in | [5.182 mm]  | +/- 0.005       |
| Inner Diameter (ID)       | 0.189 in | [4.801 mm]  | +/- 0.005       |
| Length Inside Hooks (LIH) | 0.690 in | [17.526 mm] | +/- 0.025       |
| Body Length (BL)          | 0.407 in | [10.338 mm] | +/- 0.015       |
| Hook Gap 1 (HG1)          | 0.015 in | [0.381 mm]  |                 |
| Hook Gap 2 (HG2)          | 0.015 in | [0.381 mm]  |                 |
| Hook Length 1 (HL1)       | 0.142 in | [3.607 mm]  |                 |
| Hook Length 2 (HL2)       | 0.142 in | [3.607 mm]  |                 |
| Total Hook Length (THL)   | 0.283 in | [7.188 mm]  |                 |

|                                   |                  |                    |           |
|-----------------------------------|------------------|--------------------|-----------|
| Spring Rate (K)                   | 0.32781 lbs/in   | 0.057 N/mm         | +/- 0.033 |
| Max Load (ML)                     | 0.826 lbf        | 3.675 N            | +/- 0.083 |
| Max Travel (MT)                   | 2.359 in         | 59.929 mm          |           |
| Initial Tension (IT)              | 0.053 lbf        | 0.235 N            |           |
| Max Shear Stress Possible (t max) | 171550.000 PSI   | 1182795613.614 Pa  |           |
| Material Shear Modulus (G)        | 11492970.929 PSI | 79241245134.131 Pa |           |
| Wahl Correction Factor (W)        | 1.105            | 1.105              |           |



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

|                                                                                                                                                                                                                                                                                                                                                                                                                                                 |              |             |           |                                                                                                                                                                                                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Notes                                                                                                                                                                                                                                                                                                                                                                                                                                           | Scale: 6.621 | Revision #: | Drawn By: | Approved By:                                                                                                                                                                                                                       |
| This file and any associated information and specifications are provided for reference and evaluation purposes only, and is subject to change without notice. Access Spring makes no representations, warranties or guarantees as to the appropriateness, accuracy, completeness, or suitability for any purpose, of the file, information or specifications. You are solely responsible for the use of the file, information or specification. |              |             |           | This Drawing is the property of<br><b>ACCESS SPRING</b><br>It may contain confidential, proprietary information, that is Access Spring property. Do not disclose to or duplicate for others except as authorized by Access Spring. |