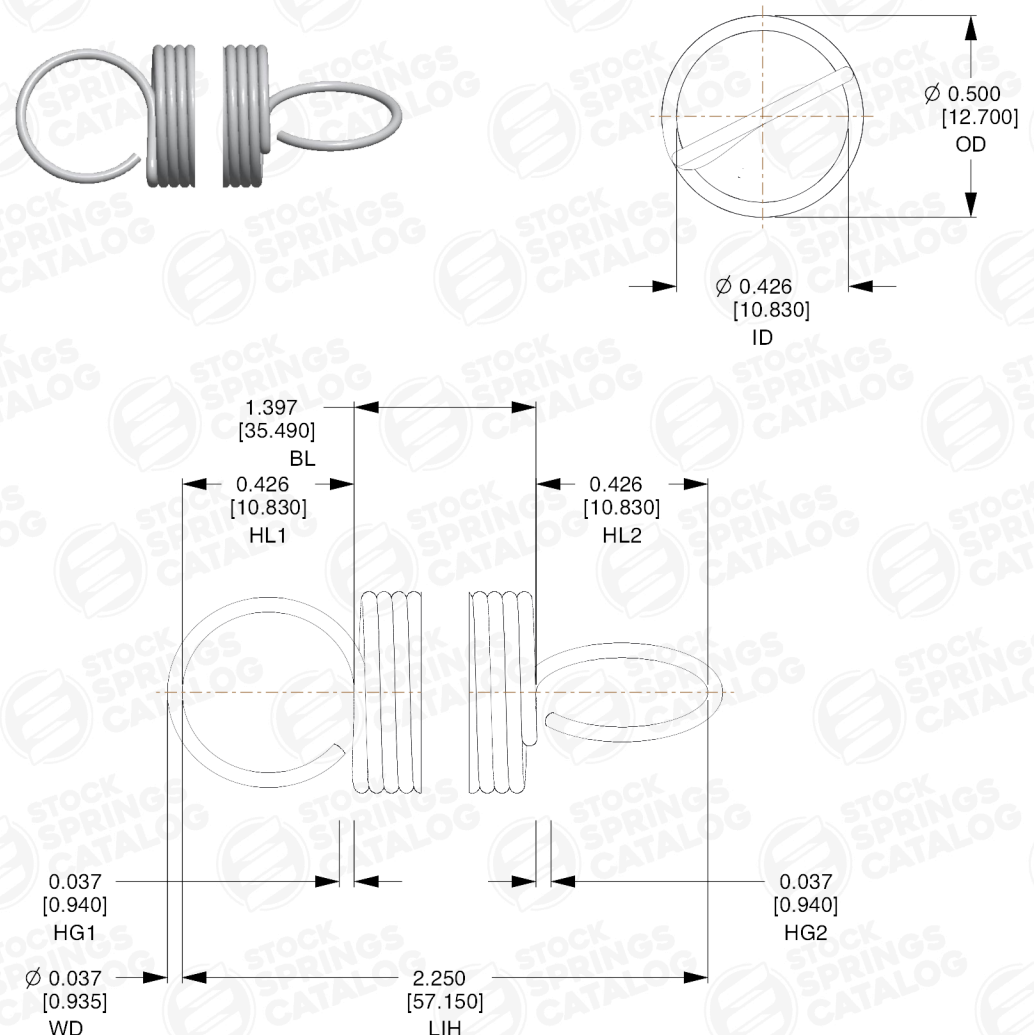


|                                                               |                                                                                                                    |
|---------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| Part Name:                                                    | Date: 06/02/2026                                                                                                   |
| Part #: in<br><small>(Click to see Part # on Website)</small> | PE037-500-36784-SST-2250-CO-N-IN  |
| Spring Type: Extension Spring                                 | End Type: Cross-Over Hook                                                                                          |
| Finish: None                                                  | Direction of Wind: Right Hand                                                                                      |
| Material: Stainless 302 ASTM A313                             | Spring Index (I): 12.514                                                                                           |
| Weight / M: 17.796 Lbs                                        | Length of W: 57.266 in                                                                                             |

| Physical Dimensions       | IN       | MM          | Tolerances (in) |
|---------------------------|----------|-------------|-----------------|
| Wire Diameter (WD)        | 0.037 in | [0.940 mm]  | +/- 0.001       |
| Outer Diameter (OD)       | 0.500 in | [12.700 mm] | +/- 0.008       |
| Mean Diameter (MD)        | 0.463 in | [11.760 mm] | +/- 0.008       |
| Inner Diameter (ID)       | 0.426 in | [10.820 mm] | +/- 0.008       |
| Length Inside Hooks (LIH) | 2.250 in | [57.150 mm] | +/- 0.100       |
| Body Length (BL)          | 1.398 in | [35.509 mm] | +/- 0.050       |
| Hook Gap 1 (HG1)          | 0.037 in | [0.940] mm  |                 |
| Hook Gap 2 (HG2)          | 0.037 in | [0.940] mm  |                 |
| Hook Length 1 (HL1)       | 0.426 in | [10.820] mm |                 |
| Hook Length 2 (HL2)       | 0.426 in | [10.820] mm |                 |
| Total Hook Length (THL)   | 0.852 in | [21.641] mm |                 |

|                                   |                 |                    |           |
|-----------------------------------|-----------------|--------------------|-----------|
| Spring Rate (K)                   | 0.63844 lbs/in  | 0.112 N/mm         | +/- 0.064 |
| Max Load (ML)                     | 4.065 lbf       | 18.081 N           | +/- 0.406 |
| Max Travel (MT)                   | 5.753 in        | 146.124 mm         |           |
| Initial Tension (IT)              | 0.392 lbf       | 1.743 N            |           |
| Max Shear Stress Possible (t max) | 131600.000 PSI  | 907350059.759 Pa   |           |
| Material Shear Modulus (G)        | 9949475.938 PSI | 68599221788.087 Pa |           |
| Wahl Correction Factor (W)        | 1.114           | 1.114              |           |



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

|                                                                                                                                                                                                                                                                                                                                                                                                                                                 |              |             |           |                                                                                                                                                                                                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Notes                                                                                                                                                                                                                                                                                                                                                                                                                                           | Scale: 2.100 | Revision #: | Drawn By: | Approved By:                                                                                                                                                                                                                       |
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