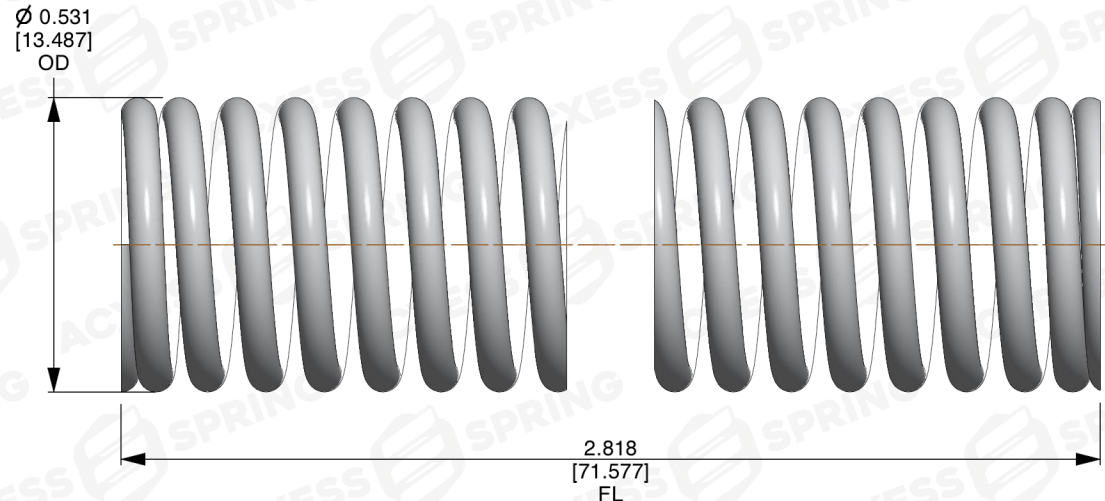
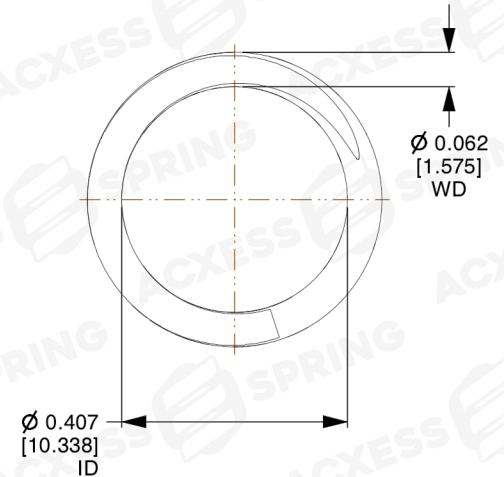
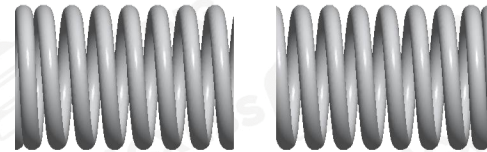


|                                                             |                               |
|-------------------------------------------------------------|-------------------------------|
| Part Name:                                                  | Date: 06/02/2026              |
| Part #: in <a href="#">PC062-531-28300-SST-2818-CG-N-IN</a> |                               |
| Spring Type: Compression Spring                             | End Type: Closed & Ground End |
| Finish: None                                                | Direction of Wind: Right Hand |
| Material: Stainless 302 ASTM A313                           | Spring Index (I): 7.564       |
| Weight / M: 36.384 Lbs                                      | Length of W: 41.697 in        |

| Physical Dimensions               | IN              | MM                 | Tolerances (in) |
|-----------------------------------|-----------------|--------------------|-----------------|
| Wire Diameter (WD)                | 0.062 in        | [1.575 mm]         | +/- 0.001       |
| Outer Diameter (OD)               | 0.531 in        | [13.487 mm]        | +/- 0.015       |
| Mean Diameter (MD)                | 0.469 in        | [11.913 mm]        | +/- 0.015       |
| Inner Diameter (ID)               | 0.407 in        | [10.338 mm]        | +/- 0.015       |
| Free Length (FL)                  | 2.818 in        | [71.577 mm]        | +/- 0.100       |
| Active Coils (AC)                 | 26.300          | 26.300             | +/- 1/4 Coil    |
| Total Coils (TC)                  | 28.300          | 28.300             | +/- 1/4 Coil    |
| Solid Height (SH)                 | 1.755 in        | [44.577 mm]        | +/- 0.123       |
| Coil Pitch (CP)                   | 0.102 in        | [2.601 mm]         |                 |
| Rise Angle (RA)                   | 3.977           | [3.977]            |                 |
| Spring Rate (K)                   | 6.77334 lbs/in  | 1.186 N/mm         | +/- 0.677       |
| Max Load (ML)                     | 7.203 lbf       | 32.040 N           | +/- 0.720       |
| Max Travel (MT)                   | 1.063 in        | 27.010 mm          |                 |
| Material Shear Modulus (G)        | 9949475.938 PSI | 68599221788.087 Pa |                 |
| Max Shear Stress Possible (t max) | 122670.000 PSI  | 845779877.132 Pa   |                 |
| Wahl Correction Factor (W)        | 1.196           | 1.196              |                 |



|                                                                                                                                                                                                                                                                                                                                                                                                                                                        |              |             |           |                                                                                                                                                                                                                                             |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------------|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Notes                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Scale: 2.889 | Revision #: | Drawn By: | Approved By:                                                                                                                                                                                                                                |
| <p>This file and any associated information and specifications are provided for reference and evaluation purposes only, and is subject to change without notice. Acxess 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.</p> |              |             |           | <p>This Drawing is the property of<br/><b>ACXESS SPRING</b><br/>It may contain confidential, proprietary information, that is Acxess Spring property. Do not disclose to or duplicate for others except as authorized by Acxess Spring.</p> |