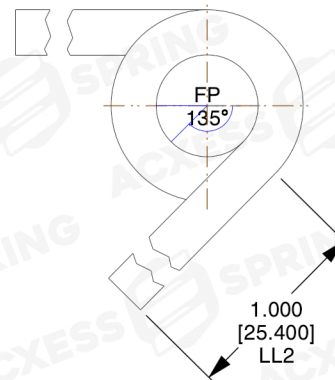
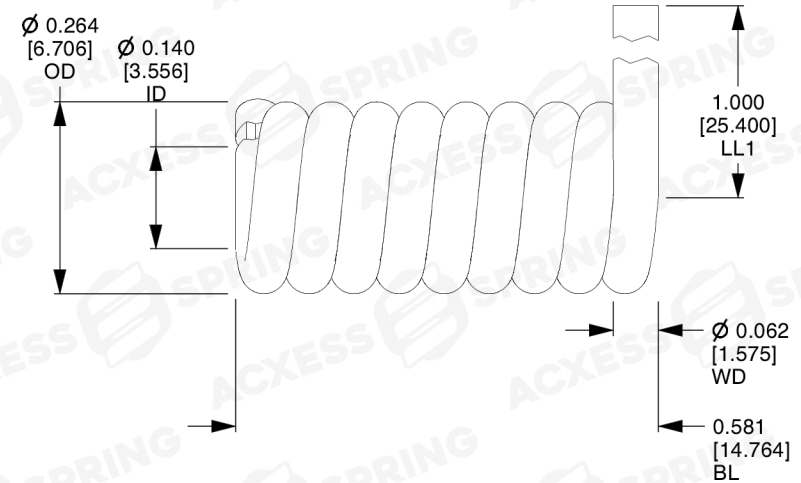
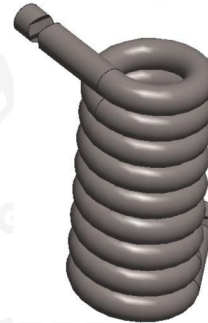


|                                                |                                                |
|------------------------------------------------|------------------------------------------------|
| Part Name:                                     | Date: 06/02/2026                               |
| Part #: in<br>(Click to see Part # on Website) | <a href="#">PT062-264-8375-HD-LH-1000-N-IN</a> |
| Spring Type: Torsion Spring                    | Material: Hard Drawn ASTM A227                 |
| Finish: None                                   | Direction of Wind: Left Hand                   |
| Weight / M: 6.404 Lbs                          | Length of W: 7.315 in                          |
| Spring Index (I): 3.258                        |                                                |

| Physical Dimensions               | IN                 | MM                 | Tolerances (in) |
|-----------------------------------|--------------------|--------------------|-----------------|
| Wire Diameter (WD)                | 0.062 in           | [1.575 mm]         | +/- 0.001       |
| Outer Diameter (OD)               | 0.264 in           | [6.706 mm]         | +/- 0.008       |
| Mean Diameter (MD)                | 0.202 in           | [5.131 mm]         | +/- 0.008       |
| Inner Diameter (ID)               | 0.140 in           | [3.556 mm]         | +/- 0.008       |
| Length Leg 1 (LL1)                | 1.000 in           | [25.400] mm        | +/- 0.040       |
| Length Leg 2 (LL2)                | 1.000 in           | [25.400] mm        | +/- 0.040       |
| Total Leg Length (TLL)            | 2.000 in           | [50.800] mm        | +/- 0.040       |
| Total Coils (TC)                  | 8.375              | 8.375              | +/- 1/8 Coil    |
| Body Length (BL)                  | 0.581 in           | [14.757 mm]        | +/- 0.025       |
| Free Position (FP)                | 135 Deg            | 135 Deg            |                 |
| Rate per Degree                   | 0.06661 in-lbs/Deg | 7.526 N-mm/Deg     | +/- 0.007       |
| Max Torque                        | 3.474 in-lbs       | 392.481 N-mm       | +/- 0.347       |
| Max Travel (MT)                   | 52.154 Deg         | 52.154 Deg         |                 |
| Material Shear Modulus (G)        | 11492273.149 PSI   | 79236434106.457 Pa |                 |
| Max Shear Stress Possible (t max) | 11403.483 PSI      | 78624245.787 Pa    |                 |
| Wahl Correction Factor            | 1.521              | 1.521              |                 |



|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |             |           |                                                                                                                                                                                                                                                   |
|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Notes | Scale: 3.788                                                                                                                                                                                                                                                                                                                                                                                                                                    | Revision #: | Drawn By: | Approved By:                                                                                                                                                                                                                                      |
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