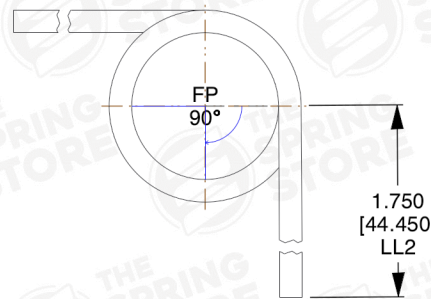
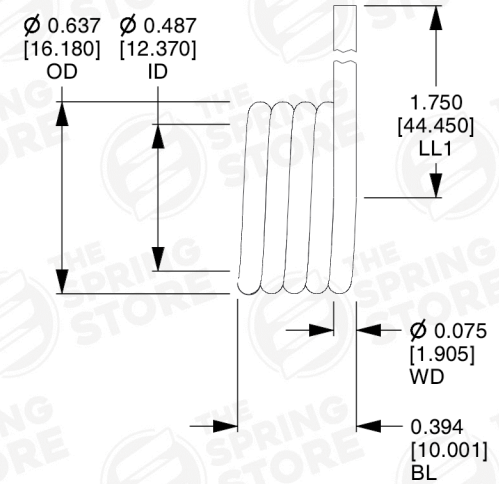


|                                                |                                                                                                                  |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| Part Name:                                     | Date: 06/02/2026                                                                                                 |
| Part #: in<br>(Click to see Part # on Website) | PT075-637-4250-MW-LH-1750-N-IN  |
| Spring Type: Torsion Spring                    | Material: Music Wire ASTM A228                                                                                   |
| Finish: None                                   | Direction of Wind: Left Hand                                                                                     |
| Weight / M: 13.813 Lbs                         | Length of W: 11.004 in                                                                                           |
| Spring Index (I): 7.493                        |                                                                                                                  |

| Physical Dimensions               | IN                 | MM                 | Tolerances (in) |
|-----------------------------------|--------------------|--------------------|-----------------|
| Wire Diameter (WD)                | 0.075 in           | [1.905 mm]         | +/- 0.001       |
| Outer Diameter (OD)               | 0.637 in           | [16.180 mm]        | +/- 0.015       |
| Mean Diameter (MD)                | 0.562 in           | [14.275 mm]        | +/- 0.015       |
| Inner Diameter (ID)               | 0.487 in           | [12.370 mm]        | +/- 0.015       |
| Length Leg 1 (LL1)                | 1.750 in           | [44.450] mm        | +/- 0.060       |
| Length Leg 2 (LL2)                | 1.750 in           | [44.450] mm        | +/- 0.060       |
| Total Leg Length (TLL)            | 3.500 in           | [88.900] mm        | +/- 0.060       |
| Total Coils (TC)                  | 4.250              | 4.250              | +/- 1/8 Coil    |
| Body Length (BL)                  | 0.394 in           | [10.008 mm]        | +/- 0.015       |
| Free Position (FP)                | 90 Deg             | 90 Deg             |                 |
| Rate per Degree                   | 0.10064 in-lbs/Deg | 11.370 N-mm/Deg    | +/- 0.010       |
| Max Torque                        | 7.773 in-lbs       | 878.182 N-mm       | +/- 0.777       |
| Max Travel (MT)                   | 77.237 Deg         | 77.237 Deg         |                 |
| Material Shear Modulus (G)        | 11492970.929 PSI   | 79241245134.131 Pa |                 |
| Max Shear Stress Possible (t max) | 31578.012 PSI      | 217722731.707 Pa   |                 |
| Wahl Correction Factor            | 1.198              | 1.198              |                 |



|                                                                                                                                                                                                                                                                                                                                                                                                                                                        |              |             |           |                                                                                                                                                                                                                                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Notes                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Scale: 1.570 | Revision #: | Drawn By: | Approved By:                                                                                                                                                                                                                                        |
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