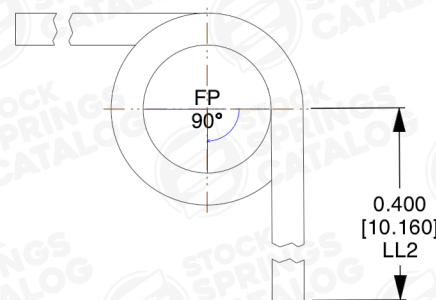
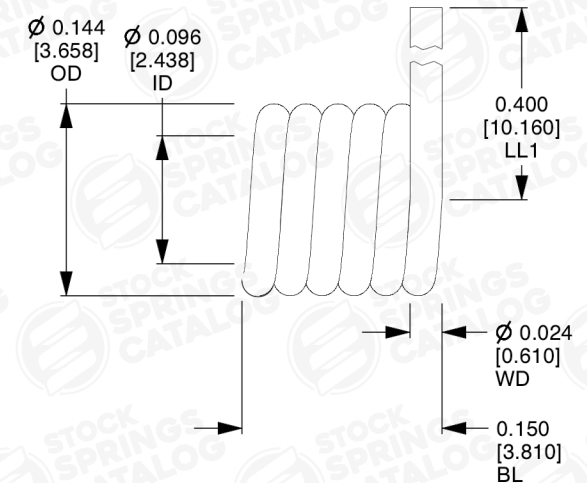


Part Name:	Date: 06/02/2026
Part #: in (Click to see Part # on Website)	PT024-144-5250-MW-LH-0400-N-IN 
Spring Type: Torsion Spring	Material: Music Wire ASTM A228
Finish: None	Direction of Wind: Left Hand
Weight / M: 0.357 Lbs	Length of W: 2.779 in
Spring Index (I): 5.000	

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.024 in	[0.610 mm]	+/- 0.001
Outer Diameter (OD)	0.144 in	[3.658 mm]	+/- 0.005
Mean Diameter (MD)	0.120 in	[3.048 mm]	+/- 0.005
Inner Diameter (ID)	0.096 in	[2.438 mm]	+/- 0.005
Length Leg 1 (LL1)	0.400 in	[10.160 mm]	+/- 0.040
Length Leg 2 (LL2)	0.400 in	[10.160 mm]	+/- 0.040
Total Leg Length (TLL)	0.800 in	[20.320 mm]	+/- 0.040
Total Coils (TC)	5.250	5.250	+/- 1/8 Coil
Body Length (BL)	0.150 in	[3.810 mm]	+/- 0.015
Free Position (FP)	90 Deg	90 Deg	
Rate per Degree	0.00400 in-lbs/Deg	0.452 N-mm/Deg	+/- 0.000
Max Torque	0.298 in-lbs	33.713 N-mm	+/- 0.030
Max Travel (MT)	74.584 Deg	74.584 Deg	
Material Shear Modulus (G)	11492970.929 PSI	79241245134.131 Pa	
Max Shear Stress Possible (t max)	8643.969 PSI	59598069.337 Pa	
Wahl Correction Factor	1.310	1.310	



Notes	Scale: 6.944	Revision #:	Drawn By:	Approved By:
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