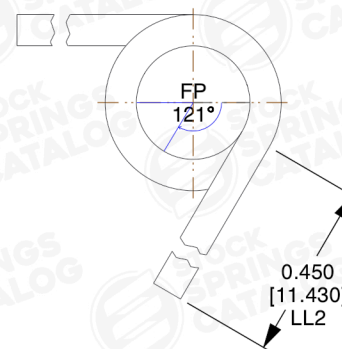
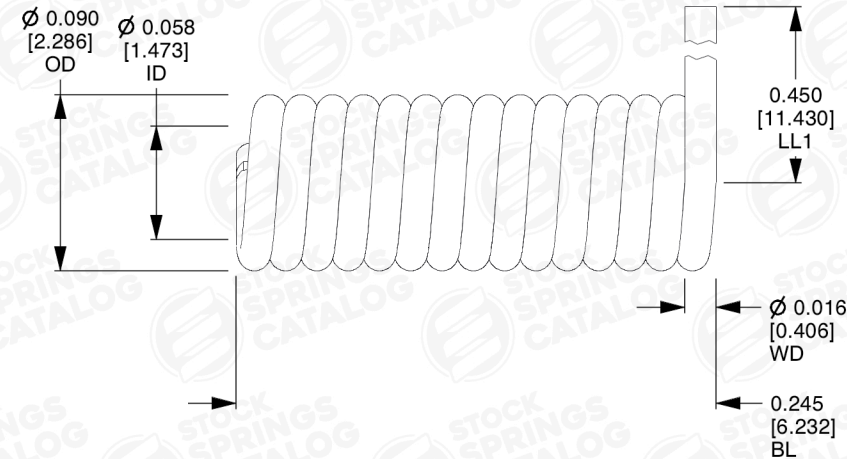


Part Name:	Date: 06/02/2026
Part #: in	PT016-090-14335-MW-LH-0450-N-IN 
(Click to see Part # on Website)	
Spring Type: Torsion Spring	Material: Music Wire ASTM A228
Finish: None	Direction of Wind: Left Hand
Weight / M: 0.242 Lbs	Length of W: 4.233 in
Spring Index (I): 4.625	

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.016 in	[0.406 mm]	+/- 0.001
Outer Diameter (OD)	0.090 in	[2.286 mm]	+/- 0.003
Mean Diameter (MD)	0.074 in	[1.880 mm]	+/- 0.003
Inner Diameter (ID)	0.058 in	[1.473 mm]	+/- 0.003
Length Leg 1 (LL1)	0.450 in	[11.430] mm	+/- 0.040
Length Leg 2 (LL2)	0.450 in	[11.430] mm	+/- 0.040
Total Leg Length (TLL)	0.900 in	[22.860] mm	+/- 0.040
Total Coils (TC)	14.335	14.335	+/- 1/8 Coil
Body Length (BL)	0.245 in	[6.223 mm]	+/- 0.015
Free Position (FP)	120 Deg	120 Deg	
Rate per Degree	0.00047 in-lbs/Deg	0.053 N-mm/Deg	+/- 0.000
Max Torque	0.093 in-lbs	10.530 N-mm	+/- 0.009
Max Travel (MT)	198.489 Deg	198.489 Deg	
Material Shear Modulus (G)	11492970.929 PSI	79241245134.131 Pa	
Max Shear Stress Possible (t max)	5742.485 PSI	39593042.885 Pa	
Wahl Correction Factor	1.340	1.340	



Notes	Scale: 10.189	Revision #:	Drawn By:	Approved By:
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