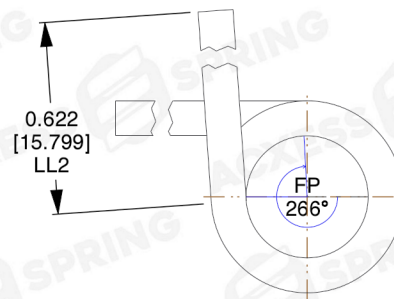
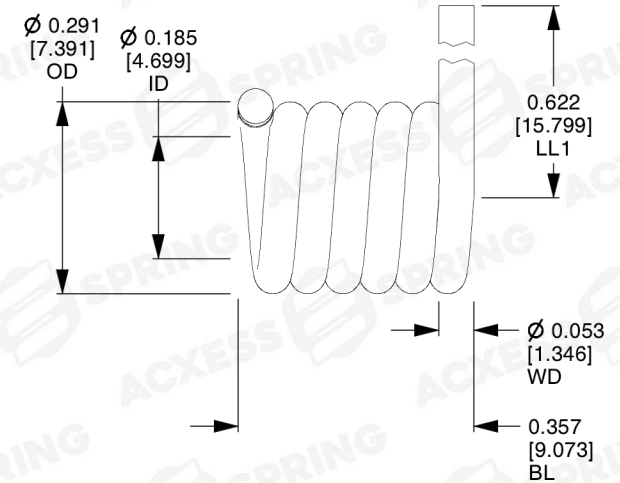


Part Name:	Date: 06/02/2026
Part #: in PT053-291-5740-MW-LH-0622-N-IN	
(Click to see Part # on Website)	
Spring Type: Torsion Spring	Material: Music Wire ASTM A228
Finish: None	Direction of Wind: Left Hand
Weight / M: 3.470 Lbs	Length of W: 5.536 in
Spring Index (I): 4.491	

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.053 in	[1.346 mm]	+/- 0.001
Outer Diameter (OD)	0.291 in	[7.391 mm]	+/- 0.008
Mean Diameter (MD)	0.238 in	[6.045 mm]	+/- 0.008
Inner Diameter (ID)	0.185 in	[4.699 mm]	+/- 0.008
Length Leg 1 (LL1)	0.622 in	[15.799 mm]	+/- 0.040
Length Leg 2 (LL2)	0.622 in	[15.799 mm]	+/- 0.040
Total Leg Length (TLL)	1.244 in	[31.598 mm]	+/- 0.040
Total Coils (TC)	5.740	5.740	+/- 1/8 Coil
Body Length (BL)	0.357 in	[9.068 mm]	+/- 0.015
Free Position (FP)	266 Deg	266 Deg	
Rate per Degree	0.04388 in-lbs/Deg	4.958 N-mm/Deg	+/- 0.004
Max Torque	2.836 in-lbs	320.389 N-mm	+/- 0.284
Max Travel (MT)	64.629 Deg	64.629 Deg	
Material Shear Modulus (G)	11492970.929 PSI	79241245134.131 Pa	
Max Shear Stress Possible (t max)	15605.480 PSI	107596000.074 Pa	
Wahl Correction Factor	1.352	1.352	



Notes	Scale: 3.436	Revision #:	Drawn By:	Approved By:
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