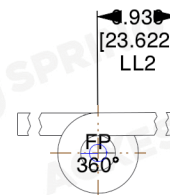
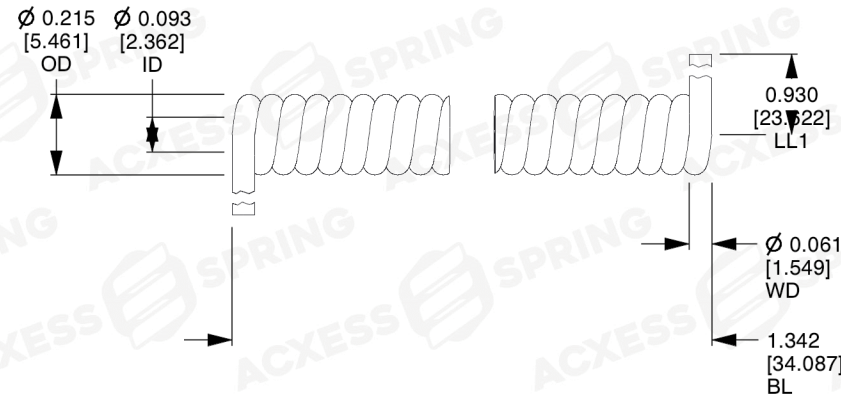


Part Name:	Date: 06/02/2026
Part #: in PT061-215-21000-MW-LH-0930-N-IN	
Spring Type: Torsion Spring	Material: Music Wire ASTM A228
Finish: None	Direction of Wind: Left Hand
Weight / M: 9.981 Lbs	Length of W: 12.020 in
Spring Index (I): 2.525	

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.061 in	[1.549 mm]	+/- 0.001
Outer Diameter (OD)	0.215 in	[5.461 mm]	+/- 0.005
Mean Diameter (MD)	0.154 in	[3.912 mm]	+/- 0.005
Inner Diameter (ID)	0.093 in	[2.362 mm]	+/- 0.005
Length Leg 1 (LL1)	0.930 in	[23.622 mm]	+/- 0.040
Length Leg 2 (LL2)	0.930 in	[23.622 mm]	+/- 0.040
Total Leg Length (TLL)	1.860 in	[47.244 mm]	+/- 0.040
Total Coils (TC)	21.000	21.000	+/- 1/8 Coil
Body Length (BL)	1.342 in	[34.087 mm]	+/- 0.050
Free Position (FP)	0 Deg	0 Deg	
Rate per Degree	0.03253 in-lbs/Deg	3.675 N-mm/Deg	+/- 0.003
Max Torque	4.155 in-lbs	469.398 N-mm	+/- 0.415
Max Travel (MT)	127.739 Deg	127.739 Deg	
Material Shear Modulus (G)	11492970.929 PSI	79241245134.131 Pa	
Max Shear Stress Possible (t max)	12456.784 PSI	85886505.158 Pa	
Wahl Correction Factor	1.735	1.735	



Notes	Scale: 1.952	Revision #:	Drawn By:	Approved By:
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