



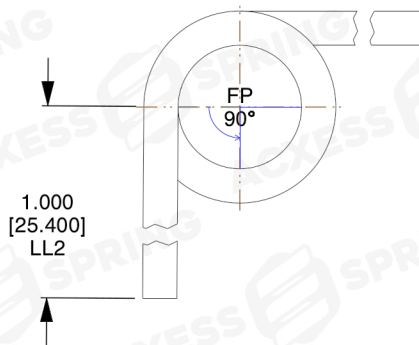
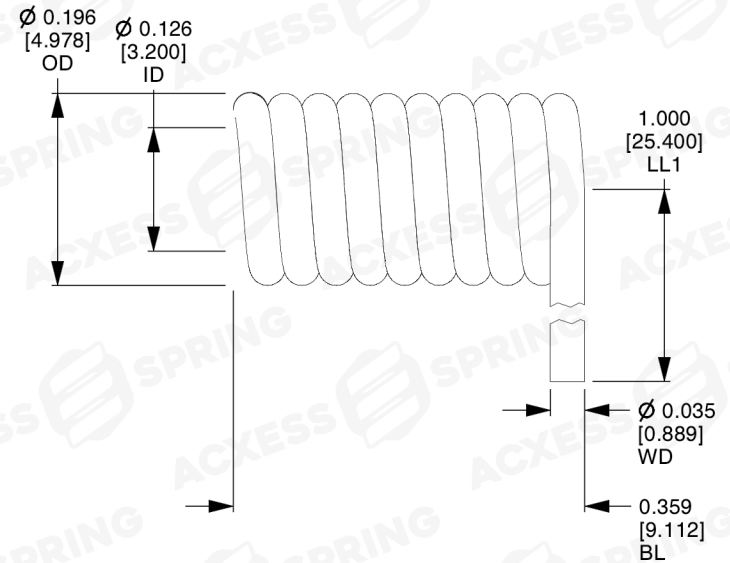
Force that
EMPOWERS



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Part Name:	Date: 06/02/2026
Part #: in PT035-196-9250-MW-RH-1000-N-IN	
(Click to see Part # on Website)	
Spring Type: Torsion Spring	Material: Music Wire ASTM A228
Finish: None	Direction of Wind: Right Hand
Weight / M: 1.826 Lbs	Length of W: 6.679 in
Spring Index (I): 4.600	

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.035 in	[0.889 mm]	+/- 0.001
Outer Diameter (OD)	0.196 in	[4.978 mm]	+/- 0.005
Mean Diameter (MD)	0.161 in	[4.089 mm]	+/- 0.005
Inner Diameter (ID)	0.126 in	[3.200 mm]	+/- 0.005
Length Leg 1 (LL1)	1.000 in	[25.400] mm	+/- 0.040
Length Leg 2 (LL2)	1.000 in	[25.400] mm	+/- 0.040
Total Leg Length (TLL)	2.000 in	[50.800] mm	+/- 0.040
Total Coils (TC)	9.250	9.250	+/- 1/8 Coil
Body Length (BL)	0.359 in	[9.119 mm]	+/- 0.015
Free Position (FP)	90 Deg	90 Deg	
Rate per Degree	0.00765 in-lbs/Deg	0.864 N-mm/Deg	+/- 0.001
Max Torque	0.866 in-lbs	97.795 N-mm	+/- 0.087
Max Travel (MT)	113.078 Deg	113.078 Deg	
Material Shear Modulus (G)	11492970.929 PSI	79241245134.131 Pa	
Max Shear Stress Possible (t max)	11108.248 PSI	76588677.220 Pa	
Wahl Correction Factor	1.342	1.342	
Torque 1(T1)	@	Deg. of Defl.	
Torque 2(T2)	@	Deg. of Defl.	



Notes	Scale: 5.102	Revision #:	Drawn By:	Approved By:
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