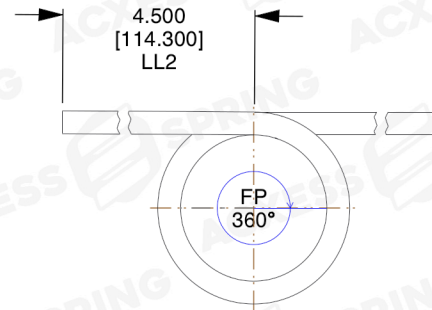
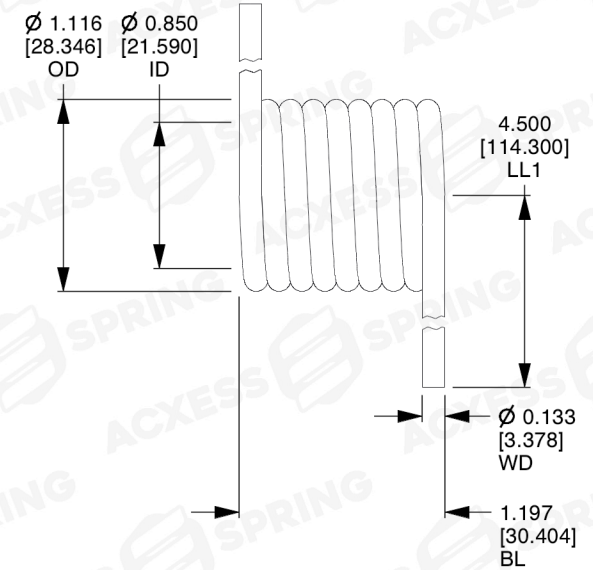


Part Name:	Date: 06/02/2026
Part #: in PT133-1116-8000-MW-RH-4500-N-IN 	
Spring Type: Torsion Spring	Material: Music Wire ASTM A228
Finish: None	Direction of Wind: Right Hand
Weight / M: 133.054 Lbs	Length of W: 33.706 in
Spring Index (I): 7.391	

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.133 in	[3.378 mm]	+/- 0.001
Outer Diameter (OD)	1.116 in	[28.346 mm]	+/- 0.020
Mean Diameter (MD)	0.983 in	[24.968 mm]	+/- 0.020
Inner Diameter (ID)	0.850 in	[21.590 mm]	+/- 0.020
Length Leg 1 (LL1)	4.500 in	[114.300 mm]	+/- 0.155
Length Leg 2 (LL2)	4.500 in	[114.300 mm]	+/- 0.155
Total Leg Length (TLL)	9.000 in	[228.600 mm]	+/- 0.155
Total Coils (TC)	8.000	8.000	+/- 1/8 Coil
Body Length (BL)	1.197 in	[30.404 mm]	+/- 0.050
Free Position (FP)	0 Deg	0 Deg	
Rate per Degree	0.30228 in-lbs/Deg	34.152 N-mm/Deg	+/- 0.030
Max Torque	39.379 in-lbs	4449.017 N-mm	+/- 3.938
Max Travel (MT)	130.275 Deg	130.275 Deg	
Material Shear Modulus (G)	11492970.929 PSI	79241245134.131 Pa	
Max Shear Stress Possible (t max)	50302.043 PSI	346820380.171 Pa	
Wahl Correction Factor	1.201	1.201	
Torque 1(T1)	@	Deg. of Defl.	
Torque 2(T2)	@	Deg. of Defl.	



Notes	Scale: 0.896	Revision #:	Drawn By:	Approved By:
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