



By **ACCESS SPRING**

**Force that
EMPOWERS**

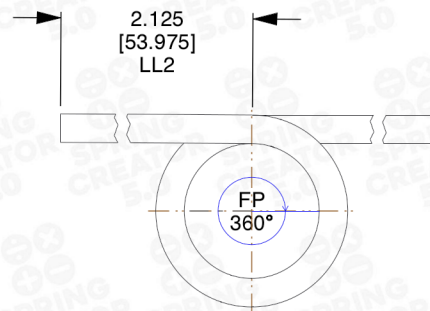
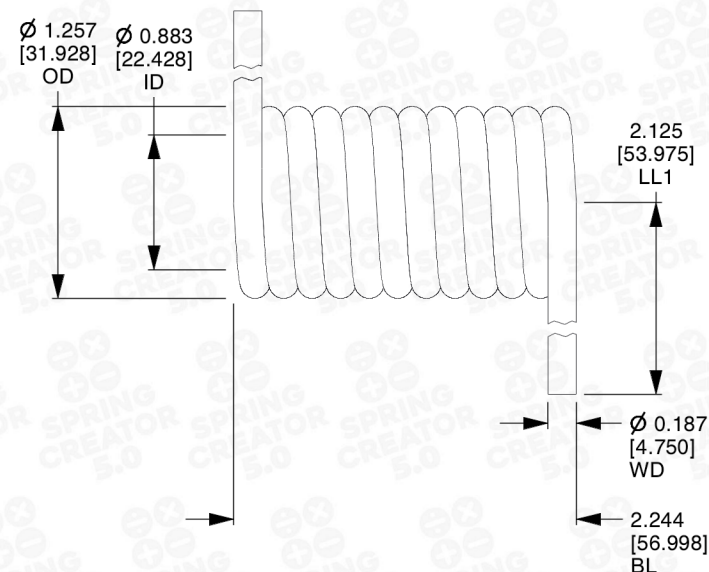
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Part Name:	Date: 06/02/2026
Part #: in PT187-1257-11000-MW-RH-2125-N-IN	
(Click to see Part # on Website)	
Spring Type: Torsion Spring	Material: Music Wire ASTM A228
Finish: None	Direction of Wind: Right Hand
Weight / M: 321.724 Lbs	Length of W: 41.227 in
Spring Index (I): 5.722	

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.187 in	[4.750 mm]	+/- 0.001
Outer Diameter (OD)	1.257 in	[31.928 mm]	+/- 0.030
Mean Diameter (MD)	1.070 in	[27.178 mm]	+/- 0.030
Inner Diameter (ID)	0.883 in	[22.428 mm]	+/- 0.030
Length Leg 1 (LL1)	2.125 in	[53.975 mm]	+/- 0.135
Length Leg 2 (LL2)	2.125 in	[53.975 mm]	+/- 0.135
Total Leg Length (TLL)	4.250 in	[107.950 mm]	+/- 0.135
Total Coils (TC)	11.000	11.000	+/- 1/8 Coil
Body Length (BL)	2.244 in	[56.998 mm]	+/- 0.100
Free Position (FP)	0 Deg	0 Deg	
Rate per Degree	0.789 in-lbs/Deg	89.173 N-mm/Deg	+/- 0.079
Max Torque	102.604 in-lbs	11592.155 N-mm	+/- 10.260
Max Travel (MT)	129.997 Deg	129.997 Deg	
Material Shear Modulus (G)	11492970.929 PSI	79241245134.131 Pa	
Max Shear Stress Possible (t max)	54137.969 PSI	373268155.901 Pa	
Wahl Correction Factor	1.266	1.266	



Notes	Scale: 0.796	Revision #:	Drawn By:	Approved By:
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