



By **ACCESS SPRING**

**Force that
EMPOWERS**

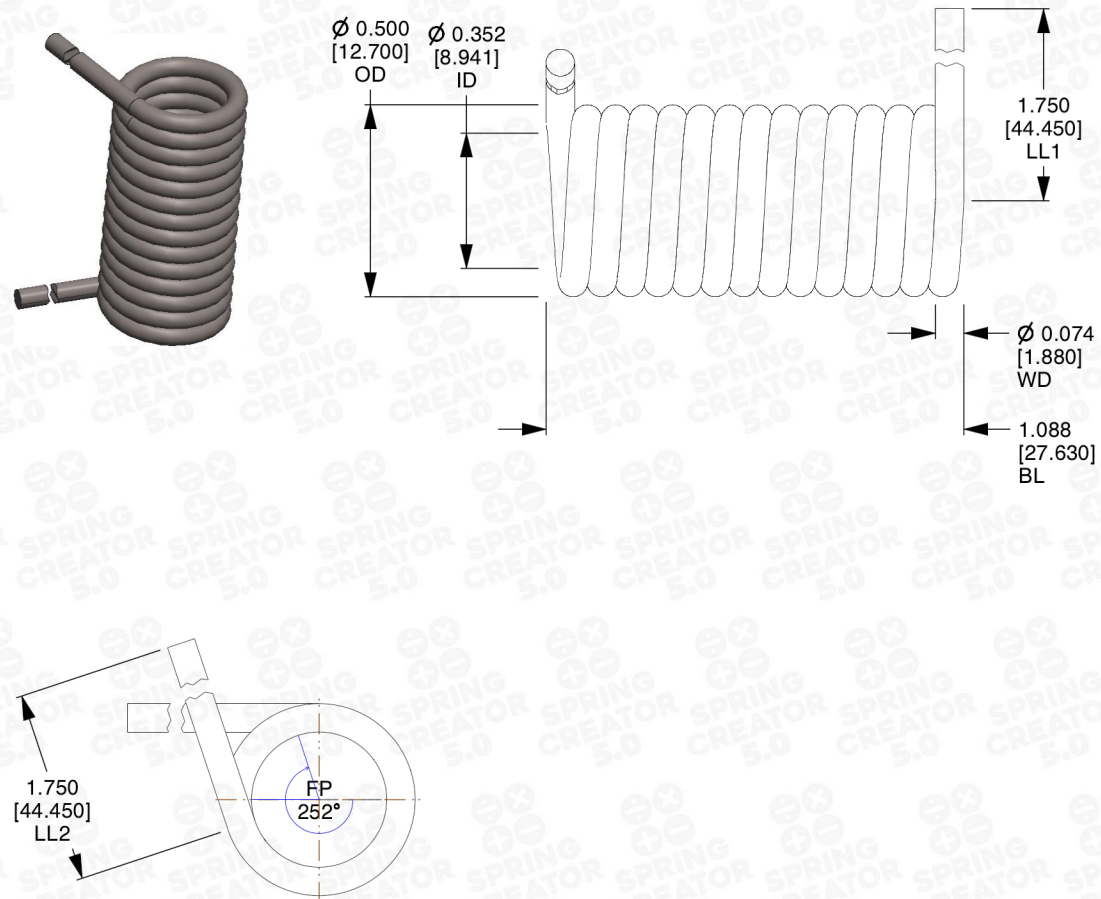
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Part Name:	Date: 06/02/2026
Part #: in PT074-500-13700-MW-LH-1750-N-IN	
(Click to see Part # on Website)	
Spring Type: Torsion Spring	Material: Music Wire ASTM A228
Finish: None	Direction of Wind: Left Hand
Weight / M: 26.683 Lbs	Length of W: 21.835 in
Spring Index (I): 5.757	

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.074 in	[1.880 mm]	+/- 0.001
Outer Diameter (OD)	0.500 in	[12.700 mm]	+/- 0.008
Mean Diameter (MD)	0.426 in	[10.820 mm]	+/- 0.008
Inner Diameter (ID)	0.352 in	[8.941 mm]	+/- 0.008
Length Leg 1 (LL1)	1.750 in	[44.450] mm	+/- 0.060
Length Leg 2 (LL2)	1.750 in	[44.450] mm	+/- 0.060
Total Leg Length (TLL)	3.500 in	[88.900] mm	+/- 0.060
Total Coils (TC)	13.700	13.700	+/- 1/8 Coil
Body Length (BL)	1.088 in	[27.635 mm]	+/- 0.050
Free Position (FP)	252 Deg	252 Deg	
Rate per Degree	0.03903 in-lbs/Deg	4.410 N-mm/Deg	+/- 0.004
Max Torque	7.362 in-lbs	831.714 N-mm	+/- 0.736
Max Travel (MT)	188.597 Deg	188.597 Deg	
Material Shear Modulus (G)	11492970.929 PSI	79241245134.131 Pa	
Max Shear Stress Possible (t max)	24919.575 PSI	171814421.814 Pa	
Wahl Correction Factor	1.264	1.264	



Notes	Scale: 2.000	Revision #:	Drawn By:	Approved By:
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