



By **ACCESS SPRING**

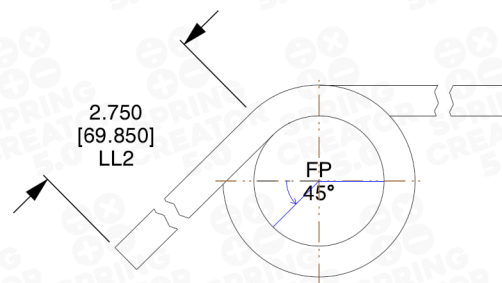
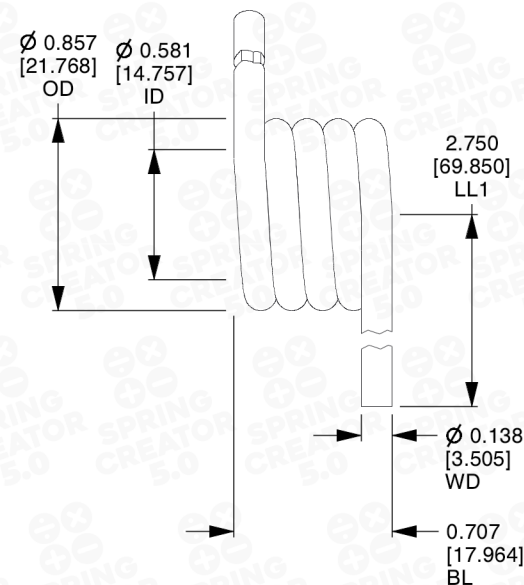
**Force that
EMPOWERS**



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Part Name:	Date: 06/02/2026
Part #: in	PT138-857-4125-MW-RH-2750-N-IN Link
(Click to see Part # on Website)	
Spring Type: Torsion Spring	Material: Music Wire ASTM A228
Finish: None	Direction of Wind: Right Hand
Weight / M: 62.974 Lbs	Length of W: 14.818 in
Spring Index (I): 5.210	

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.138 in	[3.505 mm]	+/- 0.001
Outer Diameter (OD)	0.857 in	[21.768 mm]	+/- 0.020
Mean Diameter (MD)	0.719 in	[18.263 mm]	+/- 0.020
Inner Diameter (ID)	0.581 in	[14.757 mm]	+/- 0.020
Length Leg 1 (LL1)	2.750 in	[69.850] mm	+/- 0.135
Length Leg 2 (LL2)	2.750 in	[69.850] mm	+/- 0.135
Total Leg Length (TLL)	5.500 in	[139.700] mm	+/- 0.135
Total Coils (TC)	4.125	4.125	+/- 1/8 Coil
Body Length (BL)	0.707 in	[17.958 mm]	+/- 0.025
Free Position (FP)	45 Deg	45 Deg	
Rate per Degree	0.92897 in-lbs/Deg	104.955 N-mm/Deg	+/- 0.093
Max Torque	42.673 in-lbs	4821.241 N-mm	+/- 4.267
Max Travel (MT)	45.936 Deg	45.936 Deg	
Material Shear Modulus (G)	11492970.929 PSI	79241245134.131 Pa	
Max Shear Stress Possible (t max)	38535.163 PSI	265690598.406 Pa	
Wahl Correction Factor	1.296	1.296	
Torque 1(T1)		@	Deg. of Defl.
Torque 2(T2)		@	Deg. of Defl.



Notes	Scale: 1.167	Revision #:	Drawn By:	Approved By:
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