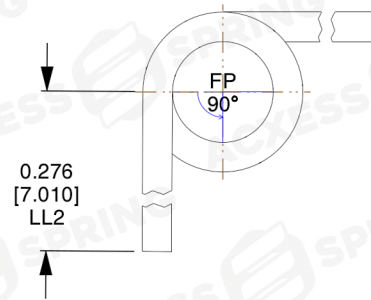
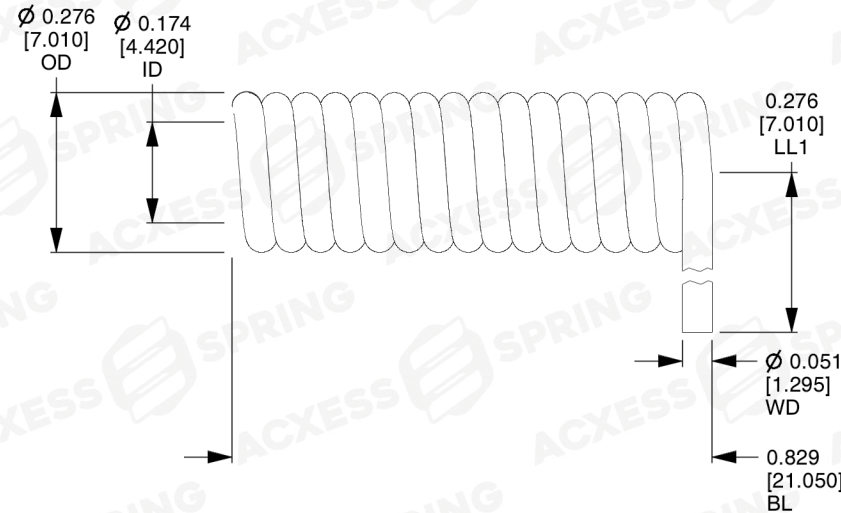


Part Name:	Date: 06/02/2026
Part #: in PT051-276-15250-MW-RH-0276-N-IN	
Spring Type: Torsion Spring	Material: Music Wire ASTM A228
Finish: None	Direction of Wind: Right Hand
Weight / M: 6.577 Lbs	Length of W: 11.332 in
Spring Index (I): 4.412	

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.051 in	[1.295 mm]	+/- 0.001
Outer Diameter (OD)	0.276 in	[7.010 mm]	+/- 0.008
Mean Diameter (MD)	0.225 in	[5.715 mm]	+/- 0.008
Inner Diameter (ID)	0.174 in	[4.420 mm]	+/- 0.008
Length Leg 1 (LL1)	0.276 in	[7.010] mm	+/- 0.040
Length Leg 2 (LL2)	0.276 in	[7.010] mm	+/- 0.040
Total Leg Length (TLL)	0.552 in	[14.021] mm	+/- 0.040
Total Coils (TC)	15.250	15.250	+/- 1/8 Coil
Body Length (BL)	0.829 in	[21.057 mm]	+/- 0.025
Free Position (FP)	90 Deg	90 Deg	
Rate per Degree	0.015 in-lbs/Deg	1.692 N-mm/Deg	+/- 0.002
Max Torque	2.524 in-lbs	285.184 N-mm	+/- 0.252
Max Travel (MT)	168.523 Deg	168.523 Deg	
Material Shear Modulus (G)	11492970.929 PSI	79241245134.131 Pa	
Max Shear Stress Possible (t max)	14819.135 PSI	102174342.082 Pa	
Wahl Correction Factor	1.359	1.359	



Notes	Scale: 3.017	Revision #:	Drawn By:	Approved By:
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