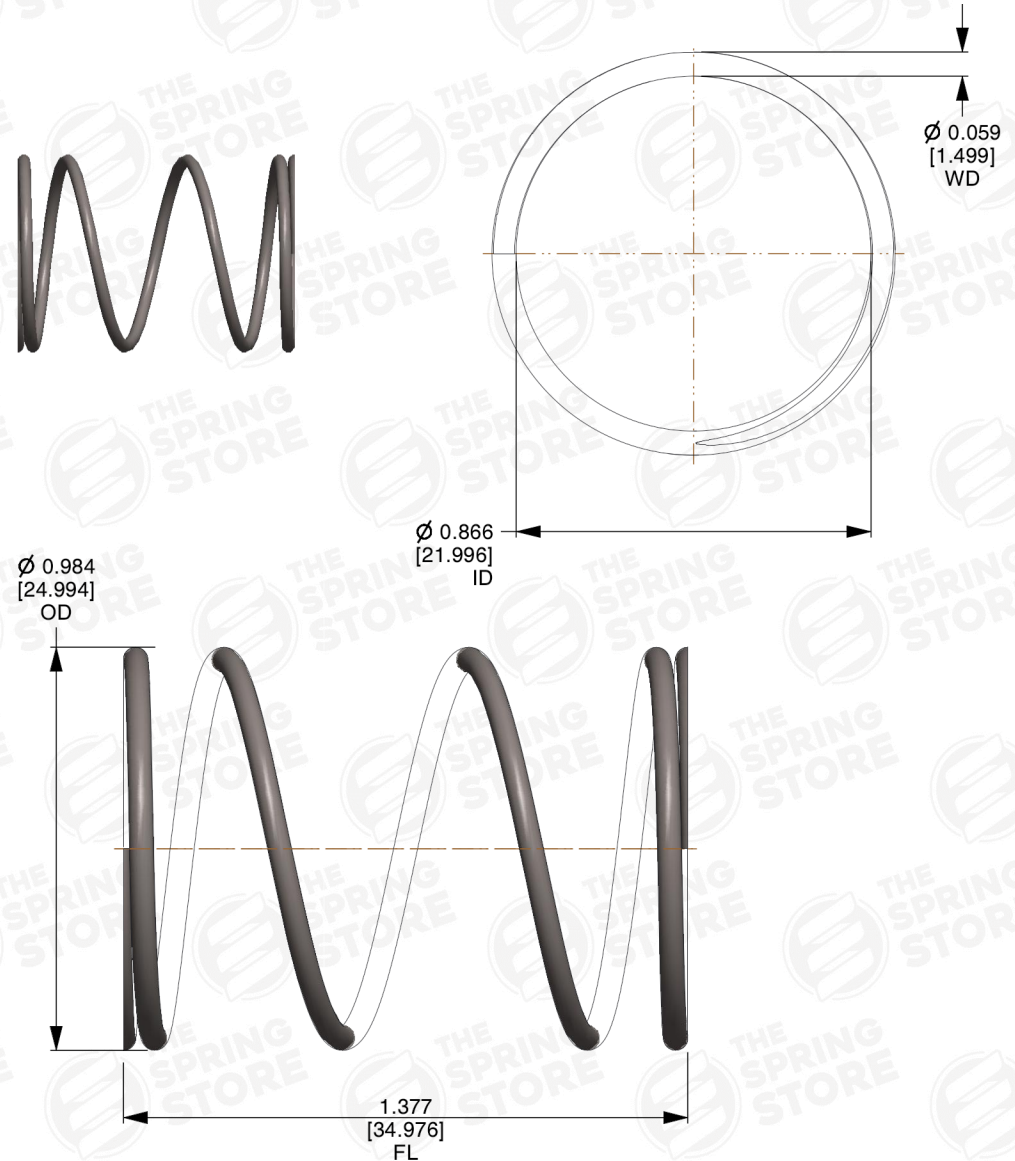


Part Name:	Date: 06/02/2026
Part #: in PC059-984-5000-MW-1377-CG-N-IN	
Spring Type: Compression Spring	End Type: Closed & Ground End
Finish: None	Direction of Wind: Right Hand
Material: Music Wire ASTM A228	Spring Index (I): 15.678
Weight / M: 11.287 Lbs	Length of W: 14.530 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.059 in	[1.499 mm]	+/- 0.001
Outer Diameter (OD)	0.984 in	[24.994 mm]	+/- 0.020
Mean Diameter (MD)	0.925 in	[23.495 mm]	+/- 0.020
Inner Diameter (ID)	0.866 in	[21.996 mm]	+/- 0.020
Free Length (FL)	1.377 in	[34.976 mm]	+/- 0.050
Active Coils (AC)	3.000	3.000	+/- 1/4 Coil
Total Coils (TC)	5.000	5.000	+/- 1/4 Coil
Solid Height (SH)	0.295 in	[7.493 mm]	+/- 0.021
Coil Pitch (CP)	0.420 in	[10.660 mm]	
Rise Angle (RA)	8.218	[8.218]	
Spring Rate (K)	7.33169 lbs/in	1.284 N/mm	+/- 0.733
Max Load (ML)	7.933 lbf	35.287 N	+/- 0.793
Max Travel (MT)	1.082 in	27.483 mm	
Material Shear Modulus (G)	11492970.929 PSI	79241245134.131 Pa	
Max Shear Stress Possible (t max)	141000.000 PSI	972160778.313 Pa	
Wahl Correction Factor (W)	1.090	1.090	



Notes	Scale: 2.134	Revision #:	Drawn By:	Approved By:
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