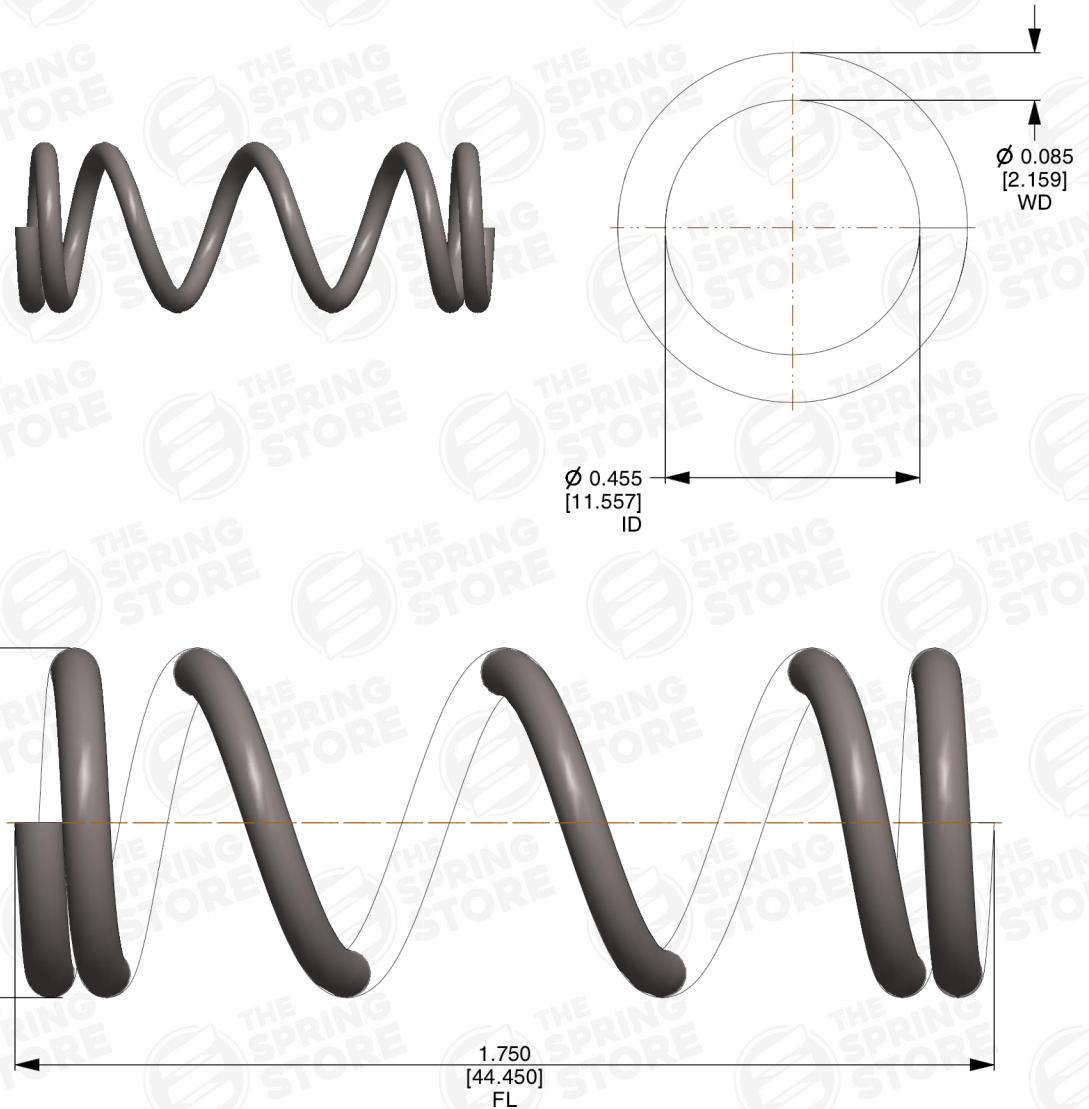


Part Name:	Date: 06/02/2026
Part #: in (Click to see Part # on Website)	PC085-625-5500-MW-1750-C-N-IN
Spring Type: Compression Spring	End Type: Closed End
Finish: None	Direction of Wind: Right Hand
Material: Music Wire ASTM A228	Spring Index (I): 6.353
Weight / M: 15.044 Lbs	Length of W: 9.331 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.085 in	[2.159 mm]	+/- 0.001
Outer Diameter (OD)	0.625 in	[15.875 mm]	+/- 0.015
Mean Diameter (MD)	0.540 in	[13.716 mm]	+/- 0.015
Inner Diameter (ID)	0.455 in	[11.557 mm]	+/- 0.015
Free Length (FL)	1.750 in	[44.450 mm]	+/- 0.050
Active Coils (AC)	3.500	3.500	+/- 1/4 Coil
Total Coils (TC)	5.500	5.500	+/- 1/4 Coil
Solid Height (SH)	0.552 in	[14.021 mm]	+/- 0.039
Coil Pitch (CP)	0.427 in	[10.848 mm]	
Rise Angle (RA)	14.132	[14.132]	
Spring Rate (K)	136.072 lbs/in	23.830 N/mm	+/- 13.607
Max Load (ML)	47.855 lbf	212.871 N	+/- 4.785
Max Travel (MT)	0.352 in	8.933 mm	
Material Shear Modulus (G)	11492970.929 PSI	79241245134.131 Pa	
Max Shear Stress Possible (t max)	132540.000 PSI	913831131.614 Pa	
Wahl Correction Factor (W)	1.237	1.237	



Notes	Scale: 2.914	Revision #:	Drawn By:	Approved By:
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