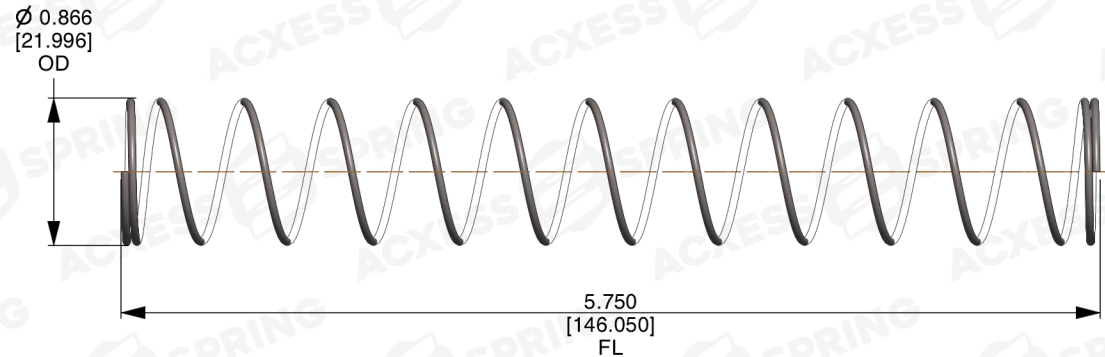
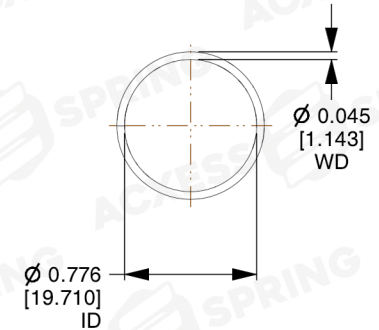


Part Name:	Date: 06/02/2026
Part #: in (Click to see Part # on Website)	PC045-866-14000-MW-5750-C-N-IN 
Spring Type: Compression Spring	End Type: Closed End
Finish: None	Direction of Wind: Right Hand
Material: Music Wire ASTM A228	Spring Index (I): 18.244
Weight / M: 16.318 Lbs	Length of W: 36.109 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.045 in	[1.143 mm]	+/- 0.001
Outer Diameter (OD)	0.866 in	[21.996 mm]	+/- 0.020
Mean Diameter (MD)	0.821 in	[20.853 mm]	+/- 0.020
Inner Diameter (ID)	0.776 in	[19.710 mm]	+/- 0.020
Free Length (FL)	5.750 in	[146.050 mm]	+/- 0.200
Active Coils (AC)	12.000	12.000	+/- 1/4 Coil
Total Coils (TC)	14.000	14.000	+/- 1/4 Coil
Solid Height (SH)	0.675 in	[17.145 mm]	+/- 0.047
Coil Pitch (CP)	0.468 in	[11.885 mm]	
Rise Angle (RA)	10.283	[10.283]	
Spring Rate (K)	0.887 lbs/in	0.155 N/mm	+/- 0.089
Max Load (ML)	4.502 lbf	20.026 N	+/- 0.450
Max Travel (MT)	5.075 in	128.905 mm	
Material Shear Modulus (G)	11492970.929 PSI	79241245134.131 Pa	
Max Shear Stress Possible (t max)	147110.000 PSI	1014287745.373 Pa	
Wahl Correction Factor (W)	1.077	1.077	



Notes	Scale: 0.887	Revision #:	Drawn By:	Approved By:
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