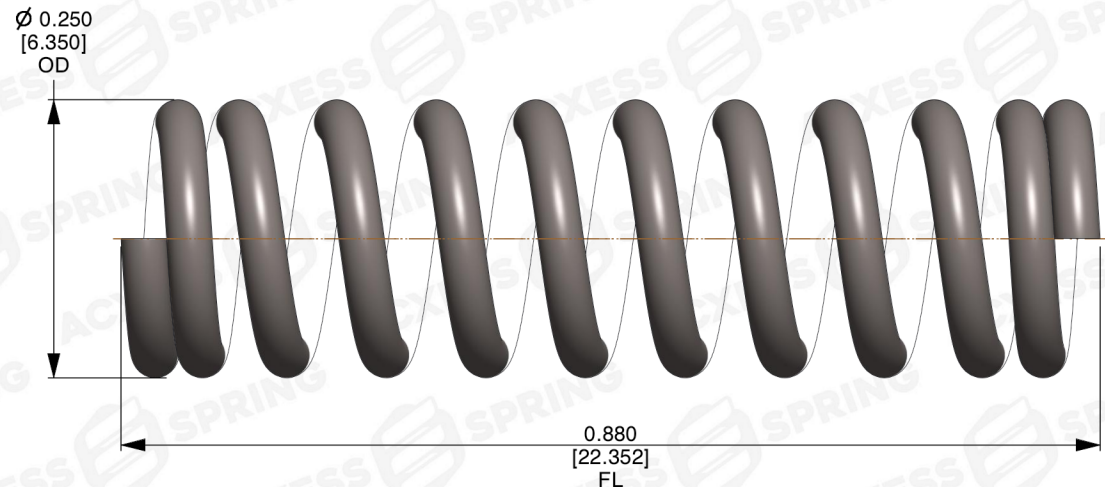
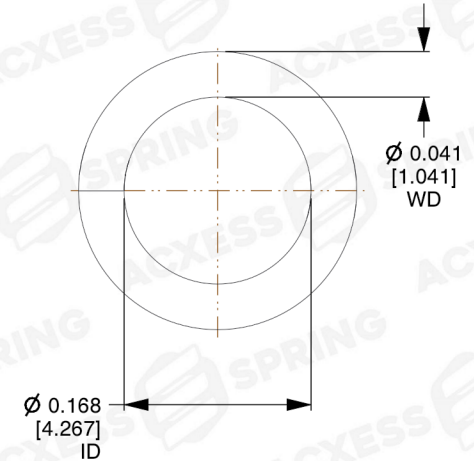


Part Name:	Date: 06/02/2026
Part #: in PC041-250-11000-MW-0880-C-N-IN	
(Click to see Part # on Website)	
Spring Type: Compression Spring	End Type: Closed End
Finish: None	Direction of Wind: Right Hand
Material: Music Wire ASTM A228	Spring Index (I): 5.098
Weight / M: 2.709 Lbs	Length of W: 7.223 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.041 in	[1.041 mm]	+/- 0.001
Outer Diameter (OD)	0.250 in	[6.350 mm]	+/- 0.005
Mean Diameter (MD)	0.209 in	[5.309 mm]	+/- 0.005
Inner Diameter (ID)	0.168 in	[4.267 mm]	+/- 0.005
Free Length (FL)	0.880 in	[22.352 mm]	+/- 0.025
Active Coils (AC)	9.000	9.000	+/- 1/4 Coil
Total Coils (TC)	11.000	11.000	+/- 1/4 Coil
Solid Height (SH)	0.492 in	[12.497 mm]	+/- 0.034
Coil Pitch (CP)	0.084 in	[2.136 mm]	
Rise Angle (RA)	7.300	[7.300]	
Spring Rate (K)	49.40790 lbs/in	8.653 N/mm	+/- 4.941
Max Load (ML)	14.706 lbf	65.417 N	+/- 1.471
Max Travel (MT)	0.298 in	7.559 mm	
Material Shear Modulus (G)	11492970.929 PSI	79241245134.131 Pa	
Max Shear Stress Possible (t max)	148050.000 PSI	1020768817.229 Pa	
Wahl Correction Factor (W)	1.304	1.304	



Notes	Scale: 5.795	Revision #:	Drawn By:	Approved By:
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