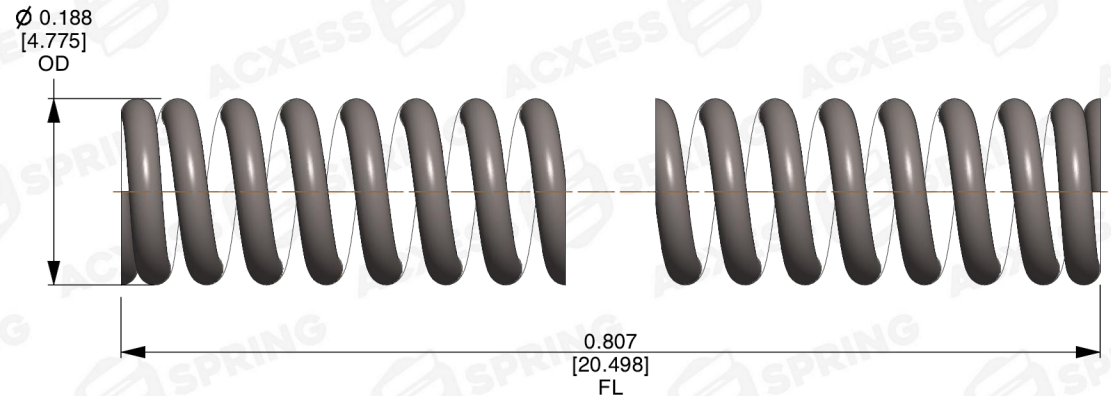
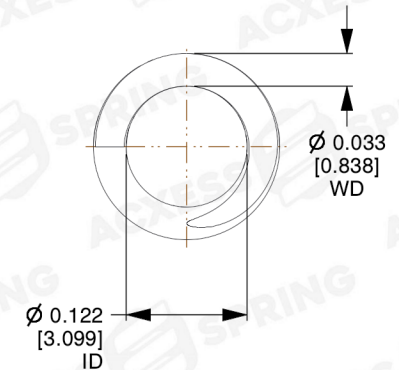


Part Name:	Date: 06/02/2026
Part #: in PC033-188-15000-MW-0807-CG-N-IN 	
(Click to see Part # on Website)	
Spring Type: Compression Spring	End Type: Closed & Ground End
Finish: None	Direction of Wind: Right Hand
Material: Music Wire ASTM A228	Spring Index (I): 4.697
Weight / M: 1.775 Lbs	Length of W: 7.304 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.033 in	[0.838 mm]	+/- 0.001
Outer Diameter (OD)	0.188 in	[4.775 mm]	+/- 0.005
Mean Diameter (MD)	0.155 in	[3.937 mm]	+/- 0.005
Inner Diameter (ID)	0.122 in	[3.099 mm]	+/- 0.005
Free Length (FL)	0.807 in	[20.498 mm]	+/- 0.025
Active Coils (AC)	13.000	13.000	+/- 1/4 Coil
Total Coils (TC)	15.000	15.000	+/- 1/4 Coil
Solid Height (SH)	0.495 in	[12.573 mm]	+/- 0.035
Coil Pitch (CP)	0.057 in	[1.448 mm]	
Rise Angle (RA)	6.676	[6.676]	
Spring Rate (K)	35.193 lbs/in	6.163 N/mm	+/- 3.519
Max Load (ML)	10.491 lbf	46.667 N	+/- 1.049
Max Travel (MT)	0.298 in	7.572 mm	
Material Shear Modulus (G)	11492970.929 PSI	79241245134.131 Pa	
Max Shear Stress Possible (t max)	153690.000 PSI	1059655248.361 Pa	
Wahl Correction Factor (W)	1.334	1.334	



Notes	Scale: 5.161	Revision #:	Drawn By:	Approved By:
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