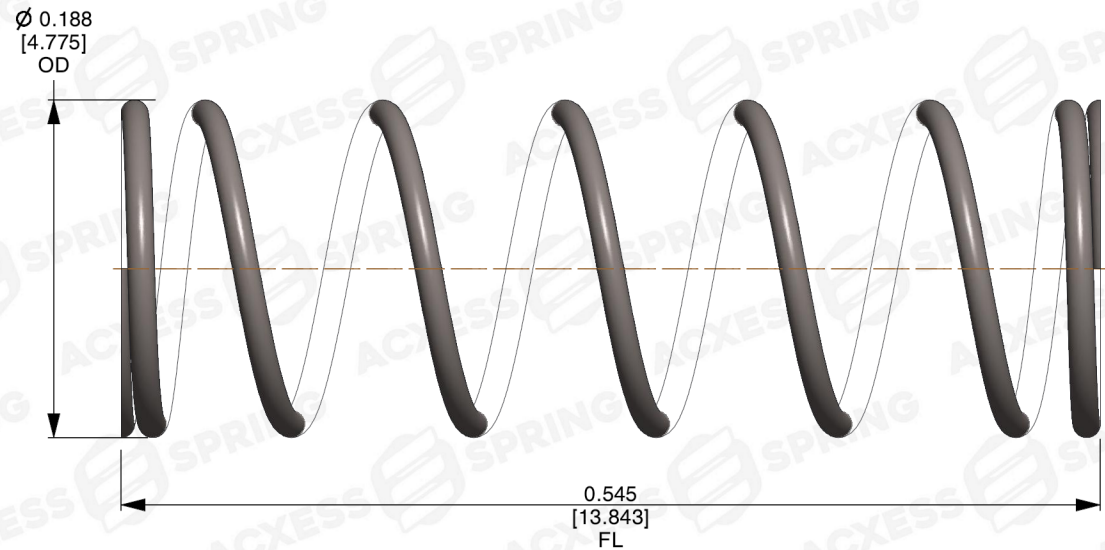
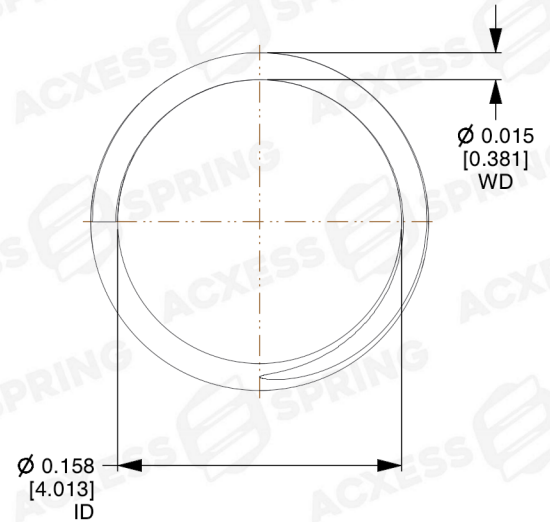
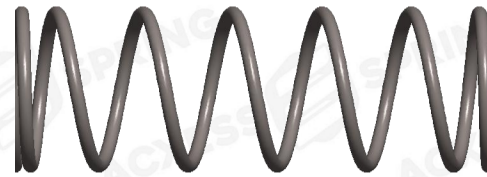


Part Name:	Date: 06/02/2026
Part #: in PC015-188-8000-MW-0545-CG-N-IN	
Spring Type: Compression Spring	End Type: Closed & Ground End
Finish: None	Direction of Wind: Right Hand
Material: Music Wire ASTM A228	Spring Index (I): 11.533
Weight / M: 0.218 Lbs	Length of W: 4.348 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.015 in	[0.381 mm]	+/- 0.001
Outer Diameter (OD)	0.188 in	[4.775 mm]	+/- 0.005
Mean Diameter (MD)	0.173 in	[4.394 mm]	+/- 0.005
Inner Diameter (ID)	0.158 in	[4.013 mm]	+/- 0.005
Free Length (FL)	0.545 in	[13.843 mm]	+/- 0.025
Active Coils (AC)	6.000	6.000	+/- 1/4 Coil
Total Coils (TC)	8.000	8.000	+/- 1/4 Coil
Solid Height (SH)	0.120 in	[3.048 mm]	+/- 0.008
Coil Pitch (CP)	0.086 in	[2.179 mm]	
Rise Angle (RA)	8.975	[8.975]	
Spring Rate (K)	2.34109 lbs/in	0.410 N/mm	+/- 0.234
Max Load (ML)	0.995 lbf	4.426 N	+/- 0.100
Max Travel (MT)	0.425 in	10.795 mm	
Material Shear Modulus (G)	11492970.929 PSI	79241245134.131 Pa	
Max Shear Stress Possible (t max)	171550.000 PSI	1182795613.614 Pa	
Wahl Correction Factor (W)	1.125	1.125	



Notes	Scale: 9.358	Revision #:	Drawn By:	Approved By:
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