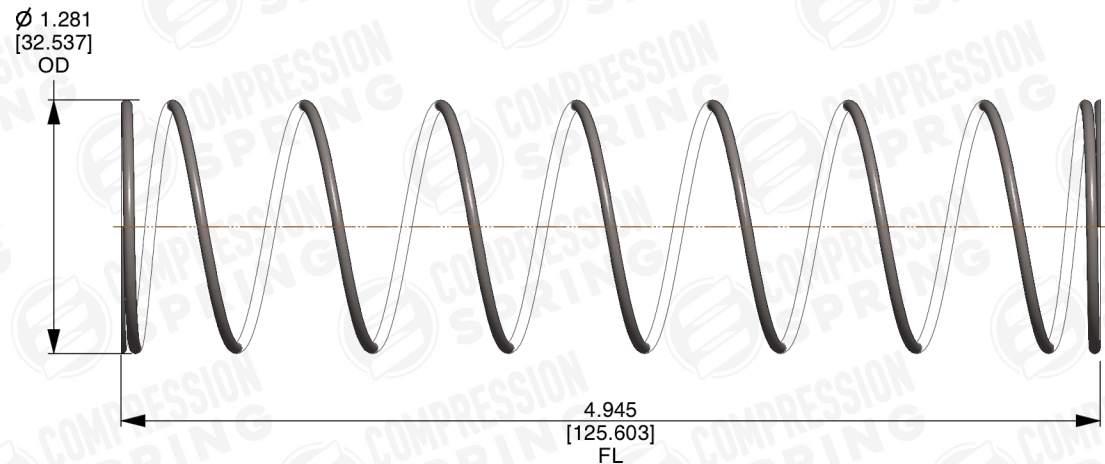
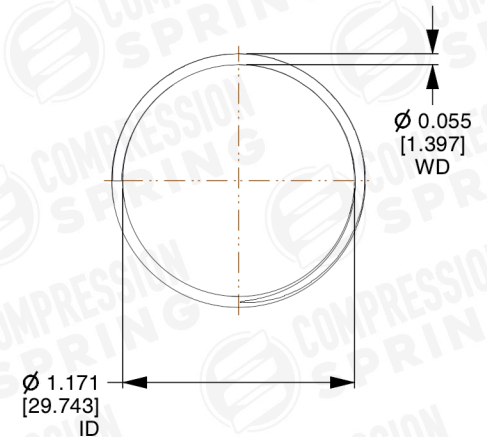
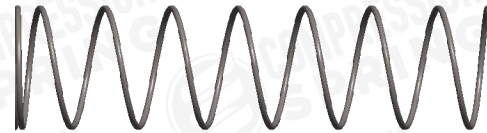


Part Name:	Date: 06/02/2026
Part #: in	PC055-1281-10000-MW-4945-CG-N-IN 
(Click to see Part # on Website)	
Spring Type: Compression Spring	End Type: Closed & Ground End
Finish: None	Direction of Wind: Right Hand
Material: Music Wire ASTM A228	Spring Index (I): 22.291
Weight / M: 26.001 Lbs	Length of W: 38.516 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.055 in	[1.397 mm]	+/- 0.001
Outer Diameter (OD)	1.281 in	[32.537 mm]	+/- 0.030
Mean Diameter (MD)	1.226 in	[31.140 mm]	+/- 0.030
Inner Diameter (ID)	1.171 in	[29.743 mm]	+/- 0.030
Free Length (FL)	4.945 in	[125.603 mm]	+/- 0.200
Active Coils (AC)	8.000	8.000	+/- 1/4 Coil
Total Coils (TC)	10.000	10.000	+/- 1/4 Coil
Solid Height (SH)	0.550 in	[13.970 mm]	+/- 0.038
Coil Pitch (CP)	0.604 in	[15.352 mm]	
Rise Angle (RA)	8.918	[8.918]	
Spring Rate (K)	0.89173 lbs/in	0.156 N/mm	+/- 0.089
Max Load (ML)	3.919 lbf	17.433 N	+/- 0.392
Max Travel (MT)	4.395 in	111.633 mm	
Material Shear Modulus (G)	11492970.929 PSI	79241245134.131 Pa	
Max Shear Stress Possible (t max)	142410.000 PSI	981882386.096 Pa	
Wahl Correction Factor (W)	1.063	1.063	



Notes	Scale: 1.031	Revision #:	Drawn By:	Approved By:
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