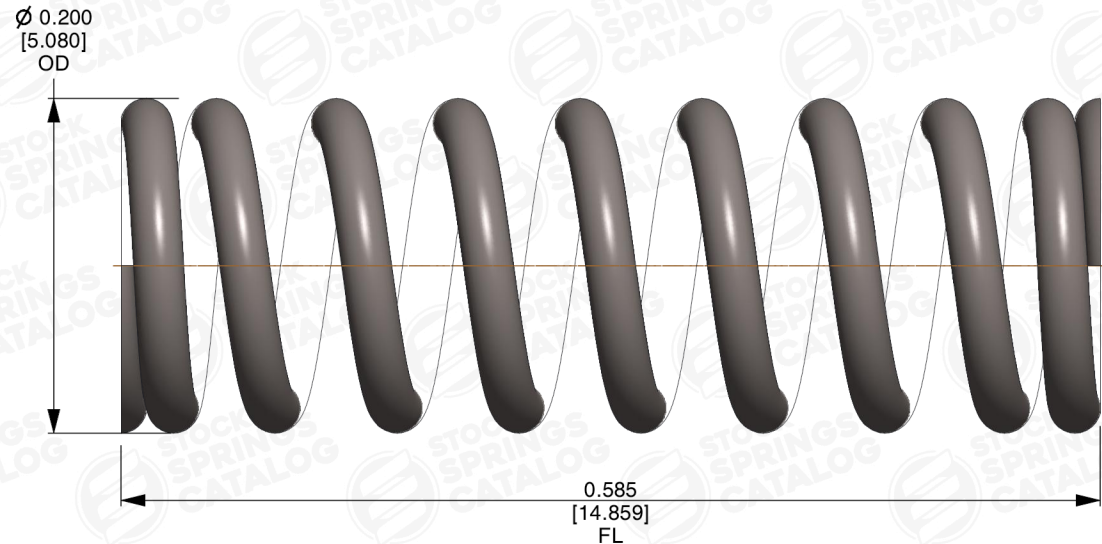
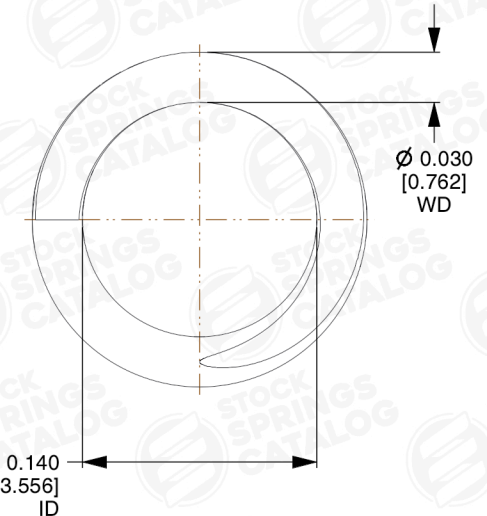
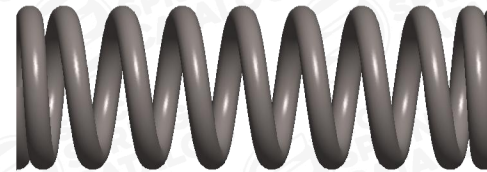


Part Name:	Date: 06/02/2026
Part #: in	PC030-200-10000-MW-0585-CG-N-IN Click to see Part # on Website
Spring Type: Compression Spring	End Type: Closed & Ground End
Finish: None	Direction of Wind: Right Hand
Material: Music Wire ASTM A228	Spring Index (I): 5.667
Weight / M: 1.073 Lbs	Length of W: 5.341 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.030 in	[0.762 mm]	+/- 0.001
Outer Diameter (OD)	0.200 in	[5.080 mm]	+/- 0.005
Mean Diameter (MD)	0.170 in	[4.318 mm]	+/- 0.005
Inner Diameter (ID)	0.140 in	[3.556 mm]	+/- 0.005
Free Length (FL)	0.585 in	[14.859 mm]	+/- 0.025
Active Coils (AC)	8.000	8.000	+/- 1/4 Coil
Total Coils (TC)	10.000	10.000	+/- 1/4 Coil
Solid Height (SH)	0.300 in	[7.620 mm]	+/- 0.021
Coil Pitch (CP)	0.066 in	[1.666 mm]	
Rise Angle (RA)	7.005	[7.005]	
Spring Rate (K)	29.607 lbs/in	5.185 N/mm	+/- 2.961
Max Load (ML)	7.691 lbf	34.210 N	+/- 0.769
Max Travel (MT)	0.260 in	6.599 mm	
Material Shear Modulus (G)	11492970.929 PSI	79241245134.131 Pa	
Max Shear Stress Possible (t max)	156510.000 PSI	1079098463.927 Pa	
Wahl Correction Factor (W)	1.269	1.269	



Notes	Scale: 8.718	Revision #:	Drawn By:	Approved By:
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