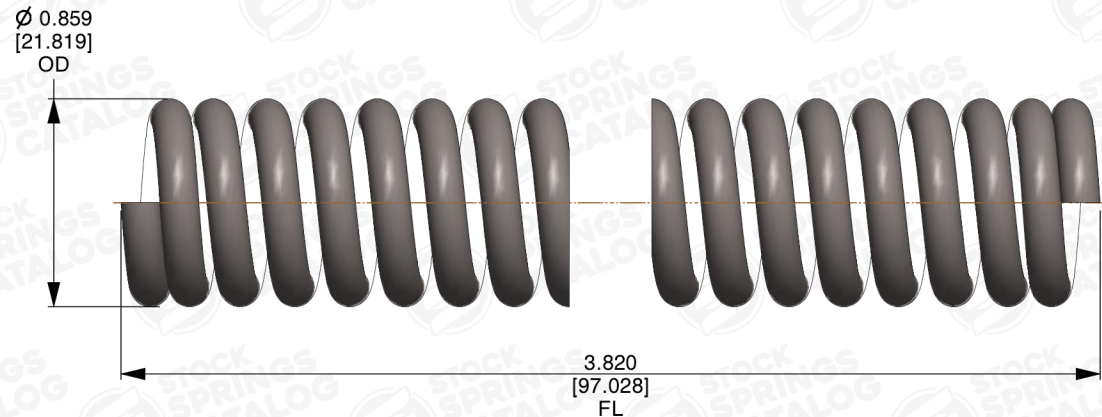
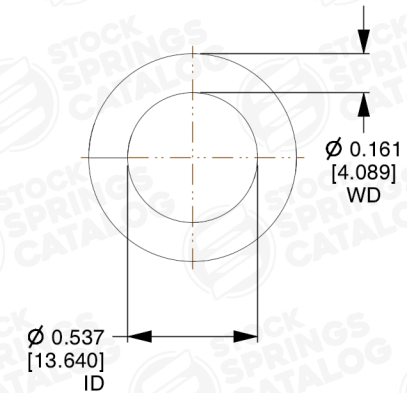
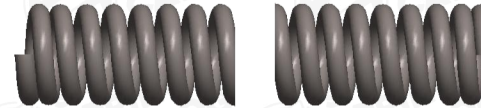


Part Name:	Date: 06/02/2026
Part #: in PC161-859-17000-MW-3820-C-N-IN	
(Click to see Part # on Website)	
Spring Type: Compression Spring	End Type: Closed End
Finish: None	Direction of Wind: Right Hand
Material: Music Wire ASTM A228	Spring Index (I): 4.335
Weight / M: 215.640 Lbs	Length of W: 37.278 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.161 in	[4.089 mm]	+/- 0.001
Outer Diameter (OD)	0.859 in	[21.819 mm]	+/- 0.020
Mean Diameter (MD)	0.698 in	[17.729 mm]	+/- 0.020
Inner Diameter (ID)	0.537 in	[13.640 mm]	+/- 0.020
Free Length (FL)	3.820 in	[97.028 mm]	+/- 0.100
Active Coils (AC)	15.000	15.000	+/- 1/4 Coil
Total Coils (TC)	17.000	17.000	+/- 1/4 Coil
Solid Height (SH)	2.898 in	[73.609 mm]	+/- 0.203
Coil Pitch (CP)	0.223 in	[5.651 mm]	
Rise Angle (RA)	5.793	[5.793]	
Spring Rate (K)	189.22926 lbs/in	33.139 N/mm	+/- 18.923
Max Load (ML)	174.469 lbf	776.079 N	+/- 17.447
Max Travel (MT)	0.922 in	23.419 mm	
Material Shear Modulus (G)	11492970.929 PSI	79241245134.131 Pa	
Max Shear Stress Possible (t max)	117970.000 PSI	813374517.855 Pa	
Wahl Correction Factor (W)	1.367	1.367	



Notes	Scale: 1.260	Revision #:	Drawn By:	Approved By:
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