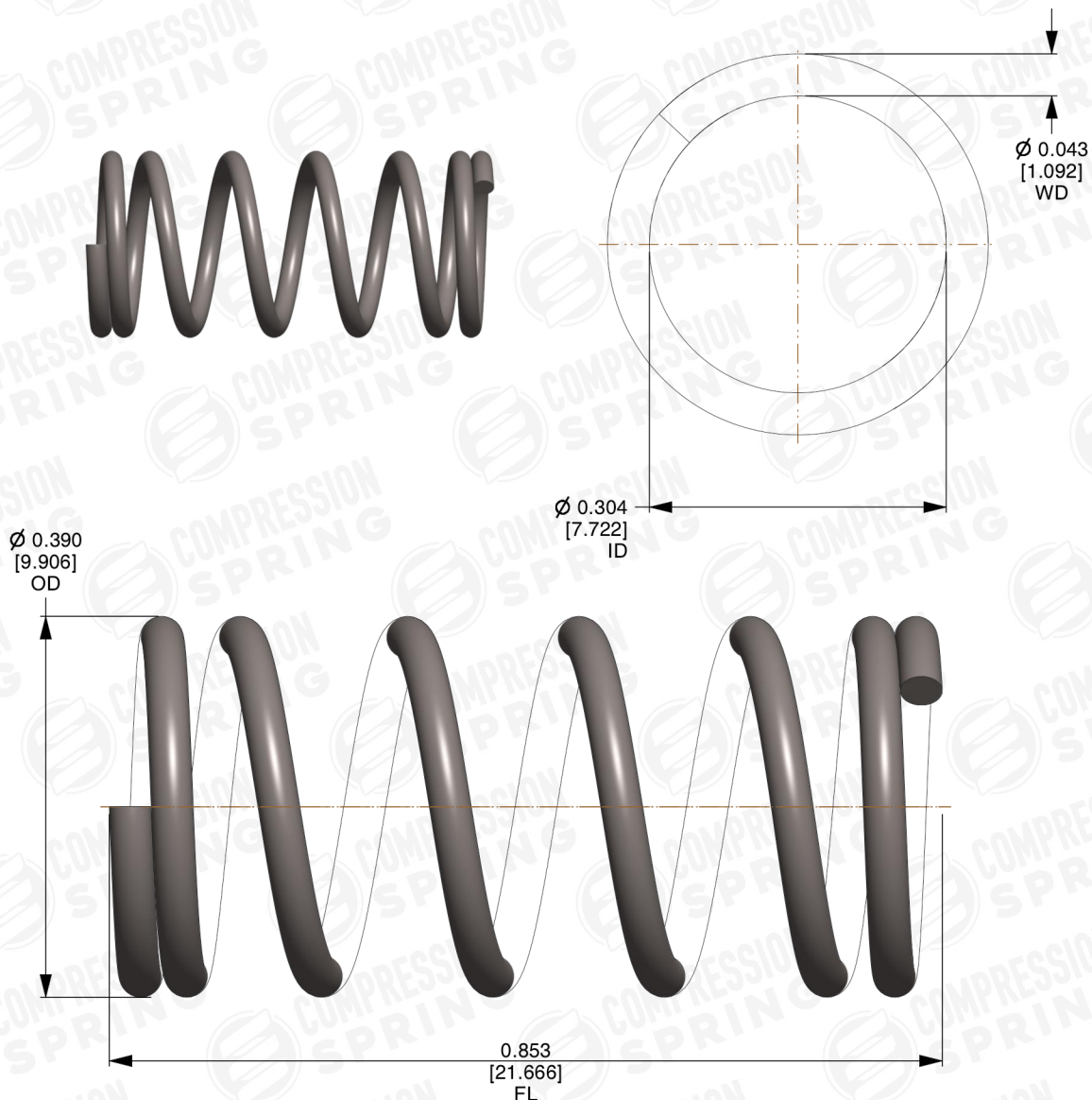


Part Name:	Date: 06/02/2026
Part #: in (Click to see Part # on Website)	PC043-390-6880-MW-0853-C-N-IN 
Spring Type: Compression Spring	End Type: Closed End
Finish: None	Direction of Wind: Right Hand
Material: Music Wire ASTM A228	Spring Index (I): 8.070
Weight / M: 3.095 Lbs	Length of W: 7.500 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.043 in	[1.092 mm]	+/- 0.001
Outer Diameter (OD)	0.390 in	[9.906 mm]	+/- 0.008
Mean Diameter (MD)	0.347 in	[8.814 mm]	+/- 0.008
Inner Diameter (ID)	0.304 in	[7.722 mm]	+/- 0.008
Free Length (FL)	0.853 in	[21.666 mm]	+/- 0.025
Active Coils (AC)	4.880	4.880	+/- 1/4 Coil
Total Coils (TC)	6.880	6.880	+/- 1/4 Coil
Solid Height (SH)	0.339 in	[8.611 mm]	+/- 0.024
Coil Pitch (CP)	0.148 in	[3.769 mm]	
Rise Angle (RA)	7.750	[7.750]	
Spring Rate (K)	24.08840 lbs/in	4.219 N/mm	+/- 2.409
Max Load (ML)	11.267 lbf	50.119 N	+/- 1.127
Max Travel (MT)	0.468 in	11.880 mm	
Material Shear Modulus (G)	11492970.929 PSI	79241245134.131 Pa	
Max Shear Stress Possible (t max)	148050.000 PSI	1020768817.229 Pa	
Wahl Correction Factor (W)	1.182	1.182	



Notes	Scale: 5.385	Revision #:	Drawn By:	Approved By:
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