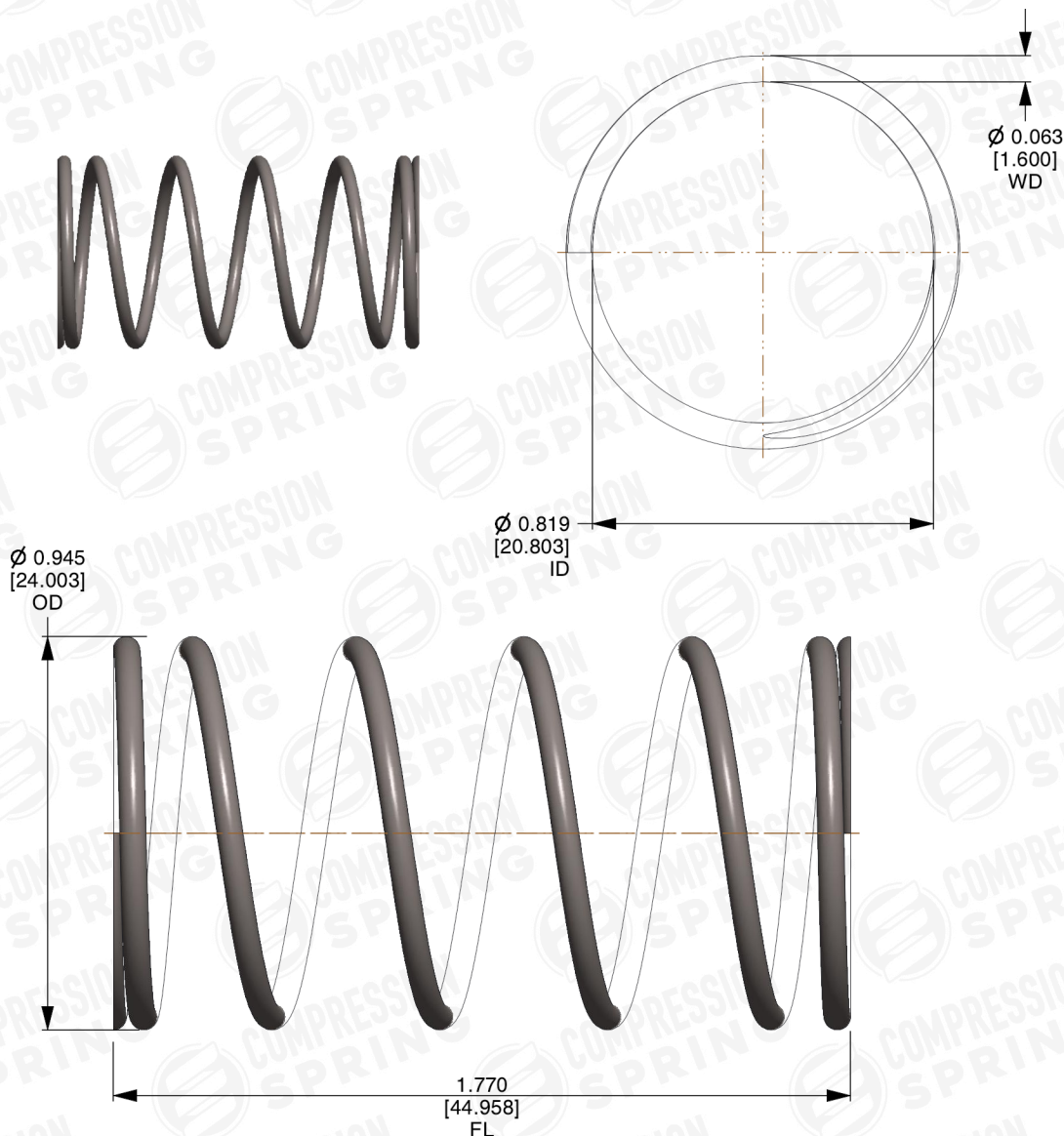


Part Name:	Date: 06/02/2026
Part #: in	PC063-945-7000-MW-1770-CG-N-IN 
(Click to see Part # on Website)	
Spring Type: Compression Spring	End Type: Closed & Ground End
Finish: None	Direction of Wind: Right Hand
Material: Music Wire ASTM A228	Spring Index (I): 14.000
Weight / M: 17.180 Lbs	Length of W: 19.396 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.063 in	[1.600 mm]	+/- 0.001
Outer Diameter (OD)	0.945 in	[24.003 mm]	+/- 0.020
Mean Diameter (MD)	0.882 in	[22.403 mm]	+/- 0.020
Inner Diameter (ID)	0.819 in	[20.803 mm]	+/- 0.020
Free Length (FL)	1.770 in	[44.958 mm]	+/- 0.050
Active Coils (AC)	5.000	5.000	+/- 1/4 Coil
Total Coils (TC)	7.000	7.000	+/- 1/4 Coil
Solid Height (SH)	0.441 in	[11.201 mm]	+/- 0.031
Coil Pitch (CP)	0.329 in	[8.352 mm]	
Rise Angle (RA)	6.767	[6.767]	
Spring Rate (K)	6.59673 lbs/in	1.155 N/mm	+/- 0.660
Max Load (ML)	8.767 lbf	38.998 N	+/- 0.877
Max Travel (MT)	1.329 in	33.757 mm	
Material Shear Modulus (G)	11492970.929 PSI	79241245134.131 Pa	
Max Shear Stress Possible (t max)	139120.000 PSI	959198634.602 Pa	
Wahl Correction Factor (W)	1.102	1.102	



Notes	Scale: 2.222	Revision #:	Drawn By:	Approved By:
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