



Force that
EMPOWERS

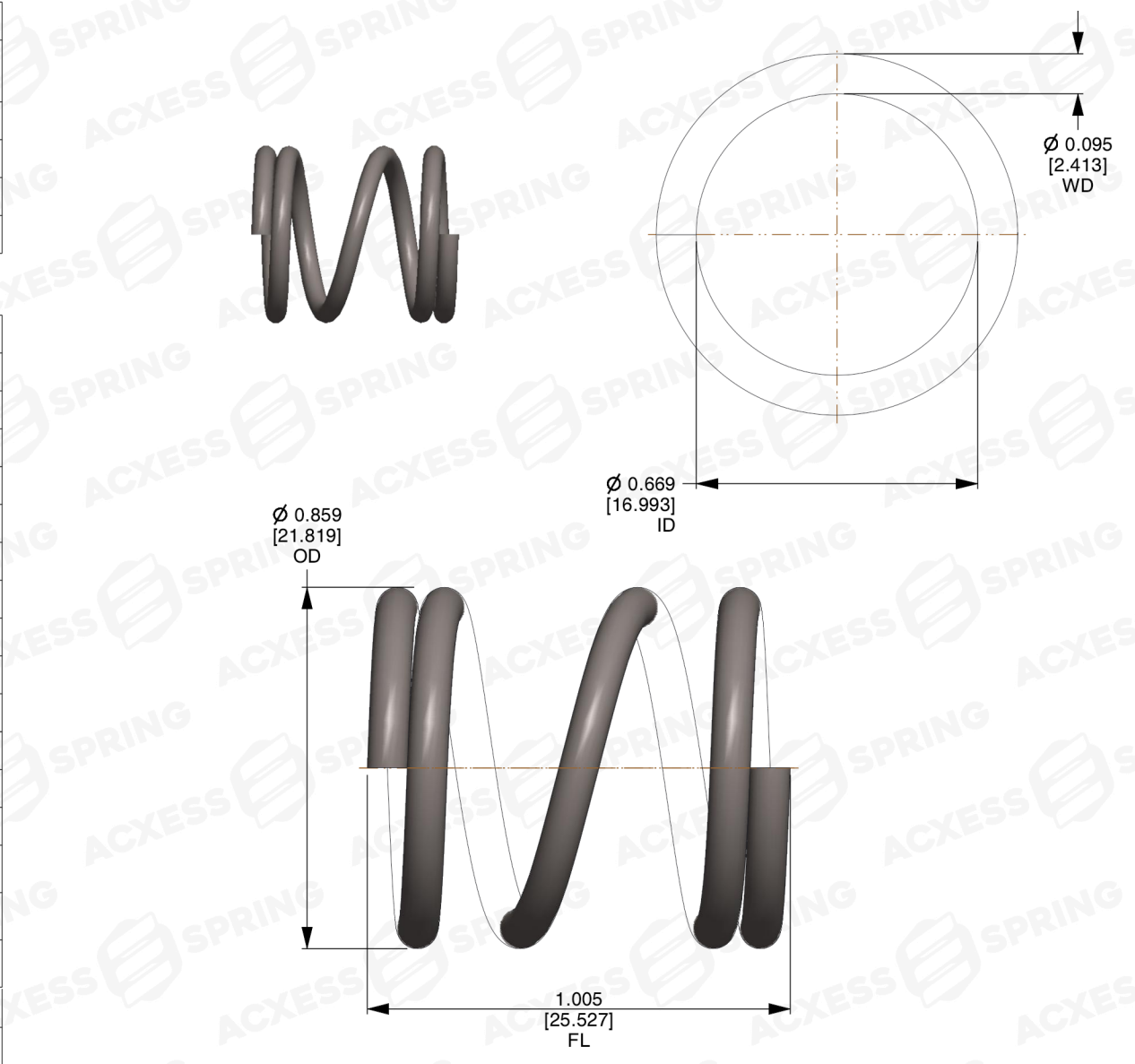


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Part Name:	Date: 06/02/2026
Part #: in (Click to see Part # on Website)	PC095-859-4000-MW-1004-C-N-IN Link
Spring Type: Compression Spring	End Type: Closed End
Finish: None	Direction of Wind: Left Hand
Material: Music Wire ASTM A228	Spring Index (I): 8.042
Weight / M: 19.336 Lbs	Length of W: 9.601 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.095 in	[2.413 mm]	+/- 0.001
Outer Diameter (OD)	0.859 in	[21.819 mm]	+/- 0.020
Mean Diameter (MD)	0.764 in	[19.406 mm]	+/- 0.020
Inner Diameter (ID)	0.669 in	[16.993 mm]	+/- 0.020
Free Length (FL)	1.004 in	[25.502 mm]	+/- 0.050
Active Coils (AC)	2.000	2.000	+/- 1/4 Coil
Total Coils (TC)	4.000	4.000	+/- 1/4 Coil
Solid Height (SH)	0.475 in	[12.065 mm]	+/- 0.033
Coil Pitch (CP)	0.359 in	[9.131 mm]	
Rise Angle (RA)	8.518	[8.518]	
Spring Rate (K)	131.198 lbs/in	22.976 N/mm	+/- 13.120
Max Load (ML)	48.325 lbf	214.959 N	+/- 4.832
Max Travel (MT)	0.368 in	9.355 mm	
Material Shear Modulus (G)	11492970.929 PSI	79241245134.131 Pa	
Max Shear Stress Possible (t max)	129720.000 PSI	894387916.048 Pa	
Wahl Correction Factor (W)	1.183	1.183	
Load1 (L1)		@	Loaded Height
Load2 (L2)		@	Loaded Height

Notes



Scale: 2.445	Revision #:	Drawn By:	Approved By:
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