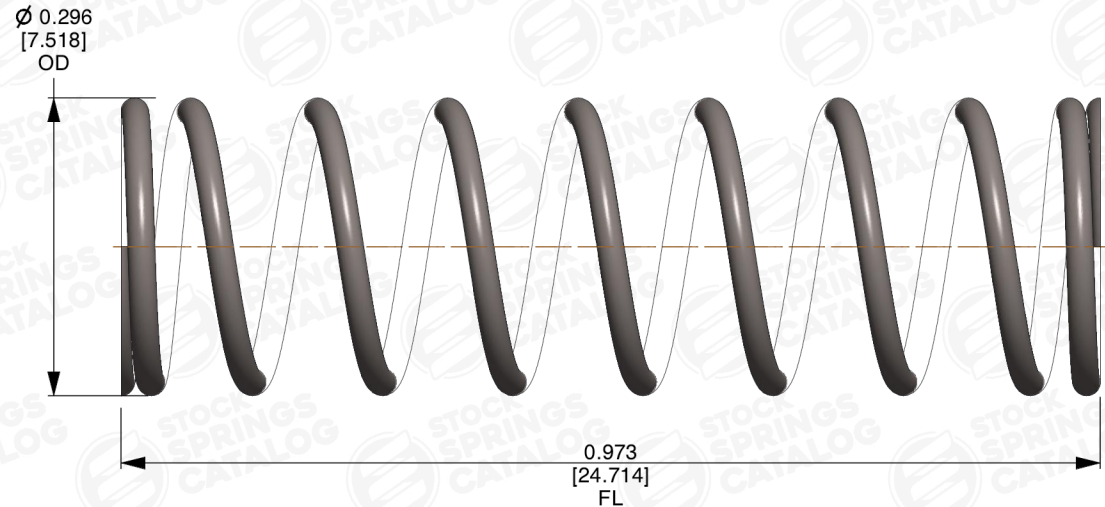
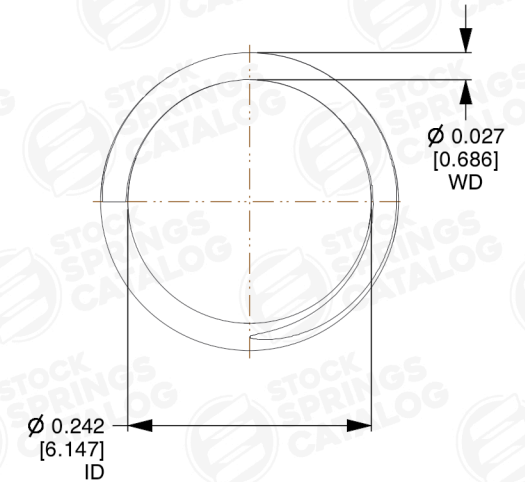


Part Name:	Date: 06/02/2026
Part #: in	PC027-296-10000-MW-0973-CG-N-IN ↗
(Click to see Part # on Website)	
Spring Type: Compression Spring	End Type: Closed & Ground End
Finish: None	Direction of Wind: Right Hand
Material: Music Wire ASTM A228	Spring Index (I): 9.963
Weight / M: 1.375 Lbs	Length of W: 8.451 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.027 in	[0.686 mm]	+/- 0.001
Outer Diameter (OD)	0.296 in	[7.518 mm]	+/- 0.008
Mean Diameter (MD)	0.269 in	[6.833 mm]	+/- 0.008
Inner Diameter (ID)	0.242 in	[6.147 mm]	+/- 0.008
Free Length (FL)	0.973 in	[24.714 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)	0.270 in	[6.858 mm]	+/- 0.019
Coil Pitch (CP)	0.115 in	[2.918 mm]	
Rise Angle (RA)	7.741	[7.741]	
Spring Rate (K)	4.90287 lbs/in	0.859 N/mm	+/- 0.490
Max Load (ML)	3.447 lbf	15.332 N	+/- 0.345
Max Travel (MT)	0.703 in	17.856 mm	
Material Shear Modulus (G)	11492970.929 PSI	79241245134.131 Pa	
Max Shear Stress Possible (t max)	158390.000 PSI	1092060607.638 Pa	
Wahl Correction Factor (W)	1.145	1.145	



Notes	Scale: 5.242	Revision #:	Drawn By:	Approved By:
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