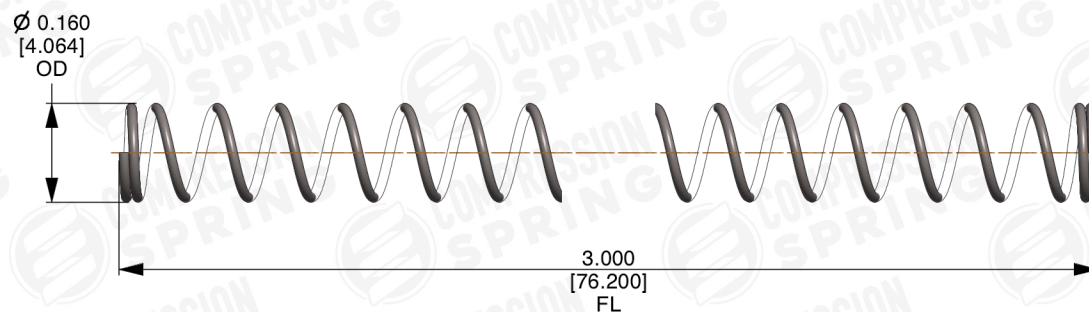
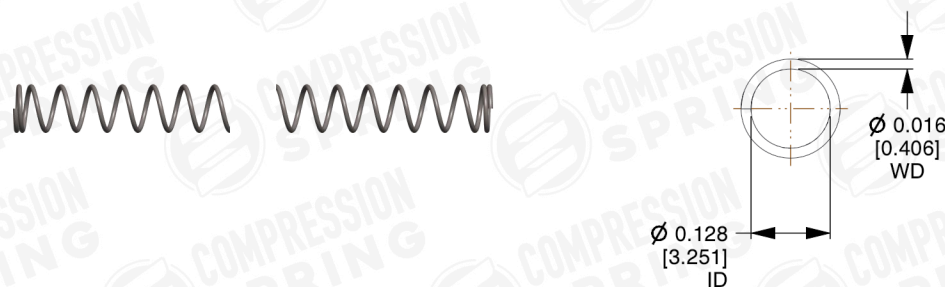


Part Name:	Date: 06/02/2026
Part #: in	PC016-160-32000-MW-3000-C-N-IN 
(Click to see Part # on Website)	
Spring Type: Compression Spring	End Type: Closed End
Finish: None	Direction of Wind: Right Hand
Material: Music Wire ASTM A228	Spring Index (I): 9.000
Weight / M: 0.827 Lbs	Length of W: 14.476 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.016 in	[0.406 mm]	+/- 0.001
Outer Diameter (OD)	0.160 in	[4.064 mm]	+/- 0.005
Mean Diameter (MD)	0.144 in	[3.658 mm]	+/- 0.005
Inner Diameter (ID)	0.128 in	[3.251 mm]	+/- 0.005
Free Length (FL)	3.000 in	[76.200 mm]	+/- 0.100
Active Coils (AC)	30.000	30.000	+/- 1/4 Coil
Total Coils (TC)	32.000	32.000	+/- 1/4 Coil
Solid Height (SH)	0.528 in	[13.411 mm]	+/- 0.037
Coil Pitch (CP)	0.098 in	[2.499 mm]	
Rise Angle (RA)	12.271	[12.271]	
Spring Rate (K)	1.05103 lbs/in	0.184 N/mm	+/- 0.105
Max Load (ML)	1.649 lbf	7.335 N	+/- 0.165
Max Travel (MT)	1.569 in	39.850 mm	
Material Shear Modulus (G)	11492970.929 PSI	79241245134.131 Pa	
Max Shear Stress Possible (t max)	171550.000 PSI	1182795613.614 Pa	
Wahl Correction Factor (W)	1.162	1.162	



Notes	Scale: 3.223	Revision #:	Drawn By:	Approved By:
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