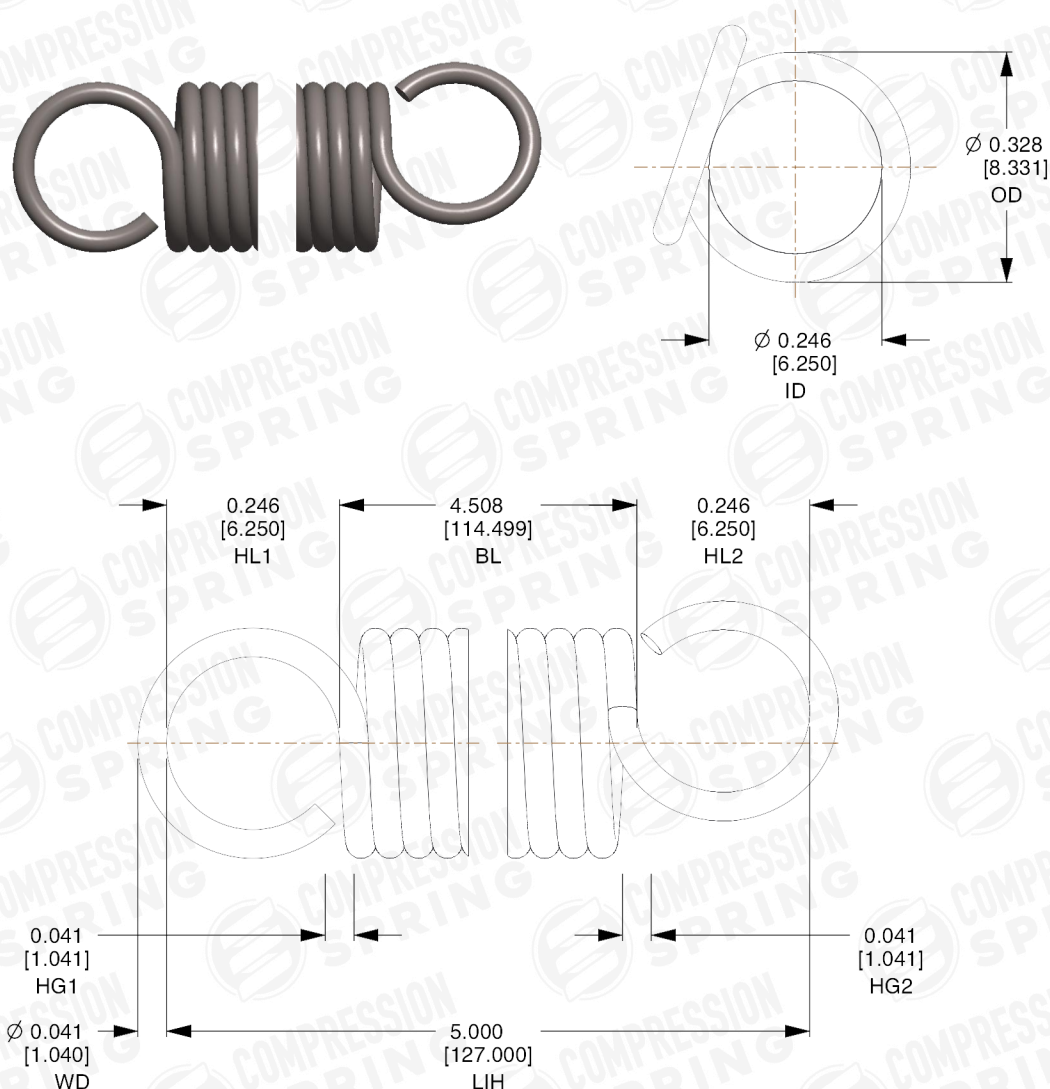


Part Name:	Date: 06/02/2026
Part #: in (Click to see Part # on Website)	PE041-328-108951-MW-5000-SH-N-IN
Spring Type: Extension Spring	End Type: Side Hook
Finish: None	Direction of Wind: Right Hand
Material: Music Wire ASTM A228	Spring Index (I): 7.000
Weight / M: 37.712 Lbs	Length of W: 100.530 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.041 in	[1.041 mm]	+/- 0.001
Outer Diameter (OD)	0.328 in	[8.331 mm]	+/- 0.008
Mean Diameter (MD)	0.287 in	[7.290 mm]	+/- 0.008
Inner Diameter (ID)	0.246 in	[6.248 mm]	+/- 0.008
Length Inside Hooks (LIH)	5.000 in	[127.000 mm]	+/- 0.200
Body Length (BL)	4.508 in	[114.503 mm]	+/- 0.200
Hook Gap 1 (HG1)	0.041 in	[1.041 mm]	
Hook Gap 2 (HG2)	0.041 in	[1.041 mm]	
Hook Length 1 (HL1)	0.246 in	[6.248 mm]	
Hook Length 2 (HL2)	0.246 in	[6.248 mm]	
Total Hook Length (THL)	0.492 in	[12.497 mm]	

Spring Rate (K)	1.57616 lbs/in	0.276 N/mm	+/- 0.158
Max Load (ML)	9.087 lbf	40.419 N	+/- 0.909
Max Travel (MT)	4.796 in	121.829 mm	
Initial Tension (IT)	1.527 lbf	6.791 N	
Max Shear Stress Possible (t max)	148050.000 PSI	1020768817.229 Pa	
Material Shear Modulus (G)	11492970.929 PSI	79241245134.131 Pa	
Wahl Correction Factor (W)	1.213	1.213	



Note: Body Length, Total Coils, End Type and End Position is for reference only.

Notes	Scale: 3.659	Revision #:	Drawn By:	Approved By:
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