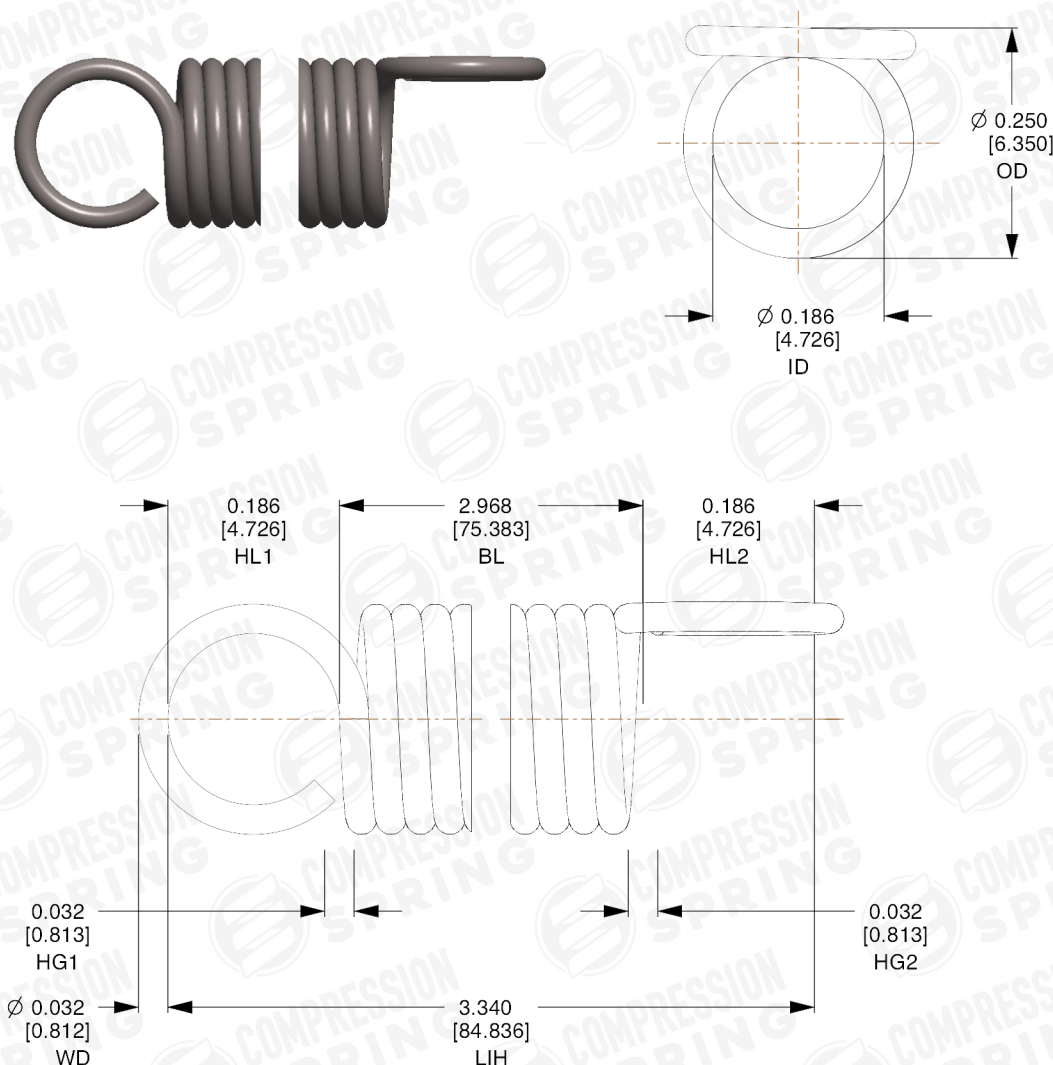


Part Name:	Date: 06/02/2026
Part #: in (Click to see Part # on Website)	PE032-250-91750-MW-3340-SH-N-IN 
Spring Type: Extension Spring	End Type: Side Hook
Finish: None	Direction of Wind: Right Hand
Material: Music Wire ASTM A228	Spring Index (I): 6.812
Weight / M: 14.757 Lbs	Length of W: 64.578 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.032 in	[0.813 mm]	+/- 0.001
Outer Diameter (OD)	0.250 in	[6.350 mm]	+/- 0.005
Mean Diameter (MD)	0.218 in	[5.537 mm]	+/- 0.005
Inner Diameter (ID)	0.186 in	[4.724 mm]	+/- 0.005
Length Inside Hooks (LIH)	3.340 in	[84.836 mm]	+/- 0.100
Body Length (BL)	2.968 in	[75.387 mm]	+/- 0.100
Hook Gap 1 (HG1)	0.032 in	[0.813] mm	
Hook Gap 2 (HG2)	0.032 in	[0.813] mm	
Hook Length 1 (HL1)	0.186 in	[4.724] mm	
Hook Length 2 (HL2)	0.186 in	[4.724] mm	
Total Hook Length (THL)	0.372 in	[9.449] mm	

Spring Rate (K)	1.58477 lbs/in	0.278 N/mm	+/- 0.158
Max Load (ML)	5.917 lbf	26.321 N	+/- 0.592
Max Travel (MT)	3.115 in	79.113 mm	
Initial Tension (IT)	0.981 lbf	4.365 N	
Max Shear Stress Possible (t max)	155100.000 PSI	1069376856.144 Pa	
Material Shear Modulus (G)	11492970.929 PSI	79241245134.131 Pa	
Wahl Correction Factor (W)	1.219	1.219	



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

Notes	Scale: 4.800	Revision #:	Drawn By:	Approved By:
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