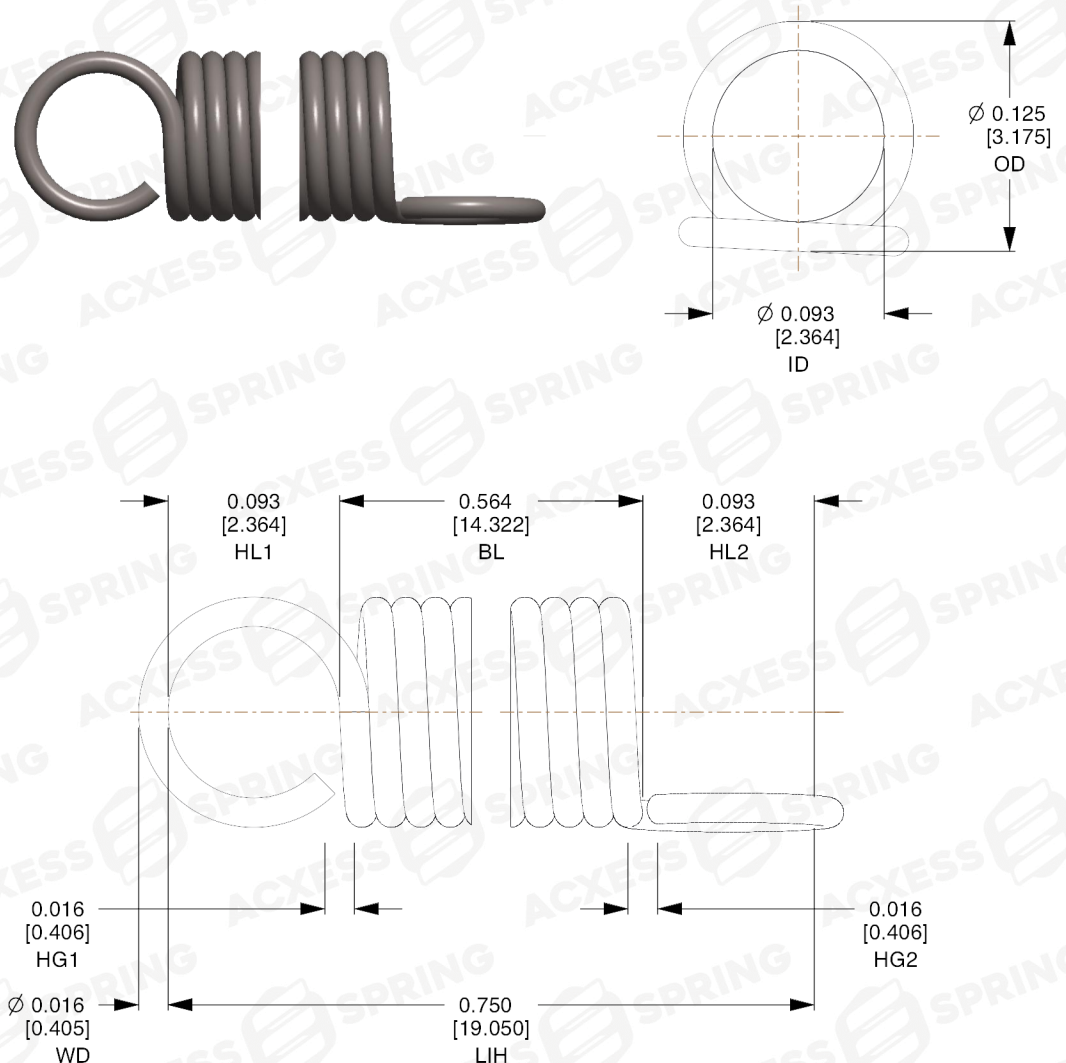


Part Name:	Date: 06/02/2026
Part #: in (Click to see Part # on Website)	PE016-125-34250-MW-0750-SH-N-IN 
Spring Type: Extension Spring	End Type: Side Hook
Finish: None	Direction of Wind: Right Hand
Material: Music Wire ASTM A228	Spring Index (I): 6.812
Weight / M: 0.720 Lbs	Length of W: 12.599 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.016 in	[0.406 mm]	+/- 0.001
Outer Diameter (OD)	0.125 in	[3.175 mm]	+/- 0.005
Mean Diameter (MD)	0.109 in	[2.769 mm]	+/- 0.005
Inner Diameter (ID)	0.093 in	[2.362 mm]	+/- 0.005
Length Inside Hooks (LIH)	0.750 in	[19.050 mm]	+/- 0.025
Body Length (BL)	0.564 in	[14.326 mm]	+/- 0.025
Hook Gap 1 (HG1)	0.016 in	[0.406] mm	
Hook Gap 2 (HG2)	0.016 in	[0.406] mm	
Hook Length 1 (HL1)	0.093 in	[2.362] mm	
Hook Length 2 (HL2)	0.093 in	[2.362] mm	
Total Hook Length (THL)	0.186 in	[4.724] mm	

Spring Rate (K)	2.12267 lbs/in	0.372 N/mm	+/- 0.212
Max Load (ML)	1.636 lbf	7.278 N	+/- 0.164
Max Travel (MT)	0.655 in	16.645 mm	
Initial Tension (IT)	0.245 lbf	1.091 N	
Max Shear Stress Possible (t max)	171550.000 PSI	1182795613.614 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: 9.600	Revision #:	Drawn By:	Approved By:
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