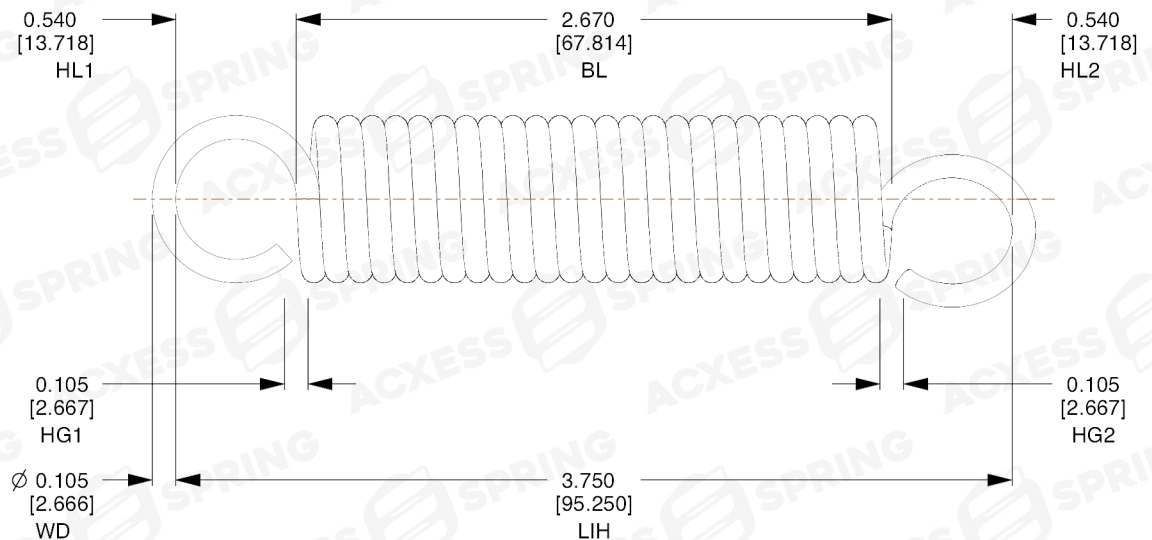


Part Name:	Date: 06/02/2026
Part #: in (Click to see Part # on Website)	PE105-750-24429-MW-3750-SH-N-IN 
Spring Type: Extension Spring	End Type: Side Hook
Finish: None	Direction of Wind: Right Hand
Material: Music Wire ASTM A228	Spring Index (I): 6.143
Weight / M: 134.420 Lbs	Length of W: 54.634 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.105 in	[2.667 mm]	+/- 0.001
Outer Diameter (OD)	0.750 in	[19.050 mm]	+/- 0.015
Mean Diameter (MD)	0.645 in	[16.383 mm]	+/- 0.015
Inner Diameter (ID)	0.540 in	[13.716 mm]	+/- 0.015
Length Inside Hooks (LIH)	3.750 in	[95.250 mm]	+/- 0.100
Body Length (BL)	2.670 in	[67.818 mm]	+/- 0.100
Hook Gap 1 (HG1)	0.105 in	[2.667] mm	
Hook Gap 2 (HG2)	0.105 in	[2.667] mm	
Hook Length 1 (HL1)	0.540 in	[13.716] mm	
Hook Length 2 (HL2)	0.540 in	[13.716] mm	
Total Hook Length (THL)	1.080 in	[27.432] mm	

Spring Rate (K)	26.63927 lbs/in	4.665 N/mm	+/- 2.664
Max Load (ML)	56.145 lbf	249.745 N	+/- 5.614
Max Travel (MT)	1.643 in	41.732 mm	
Initial Tension (IT)	12.376 lbf	55.049 N	
Max Shear Stress Possible (t max)	126900.000 PSI	874944700.482 Pa	
Material Shear Modulus (G)	11492970.929 PSI	79241245134.131 Pa	
Wahl Correction Factor (W)	1.246	1.246	



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

Notes	Scale: 1.162	Revision #:	Drawn By:	Approved By:
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