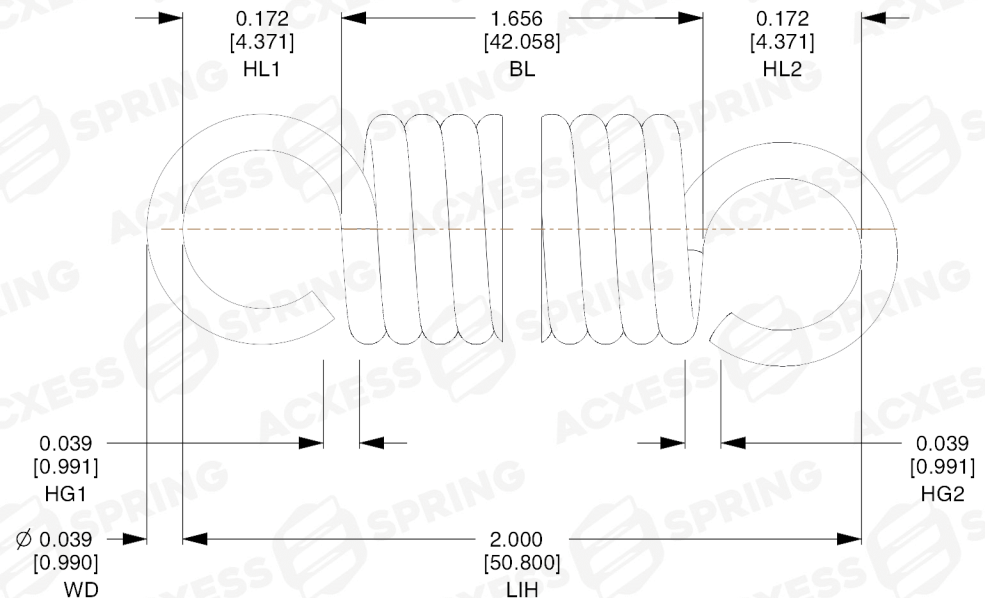
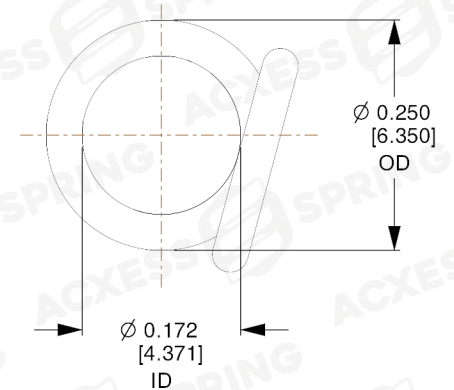


Part Name:	Date: 06/02/2026
Part #: in (Click to see Part # on Website)	PE039-250-41462-MW-2000-SH-N-IN 
Spring Type: Extension Spring	End Type: Side Hook
Finish: None	Direction of Wind: Right Hand
Material: Music Wire ASTM A228	Spring Index (I): 5.410
Weight / M: 9.896 Lbs	Length of W: 29.154 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.039 in	[0.991 mm]	+/- 0.001
Outer Diameter (OD)	0.250 in	[6.350 mm]	+/- 0.005
Mean Diameter (MD)	0.211 in	[5.359 mm]	+/- 0.005
Inner Diameter (ID)	0.172 in	[4.369 mm]	+/- 0.005
Length Inside Hooks (LIH)	2.000 in	[50.800 mm]	+/- 0.050
Body Length (BL)	1.656 in	[42.062 mm]	+/- 0.050
Hook Gap 1 (HG1)	0.039 in	[0.991 mm]	
Hook Gap 2 (HG2)	0.039 in	[0.991 mm]	
Hook Length 1 (HL1)	0.172 in	[4.369 mm]	
Hook Length 2 (HL2)	0.172 in	[4.369 mm]	
Total Hook Length (THL)	0.344 in	[8.738 mm]	

Spring Rate (K)	8.53312 lbs/in	1.494 N/mm	+/- 0.853
Max Load (ML)	9.919 lbf	44.123 N	+/- 0.992
Max Travel (MT)	0.925 in	23.498 mm	
Initial Tension (IT)	2.026 lbf	9.010 N	
Max Shear Stress Possible (t max)	149460.000 PSI	1030490425.012 Pa	
Material Shear Modulus (G)	11492970.929 PSI	79241245134.131 Pa	
Wahl Correction Factor (W)	1.284	1.284	



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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