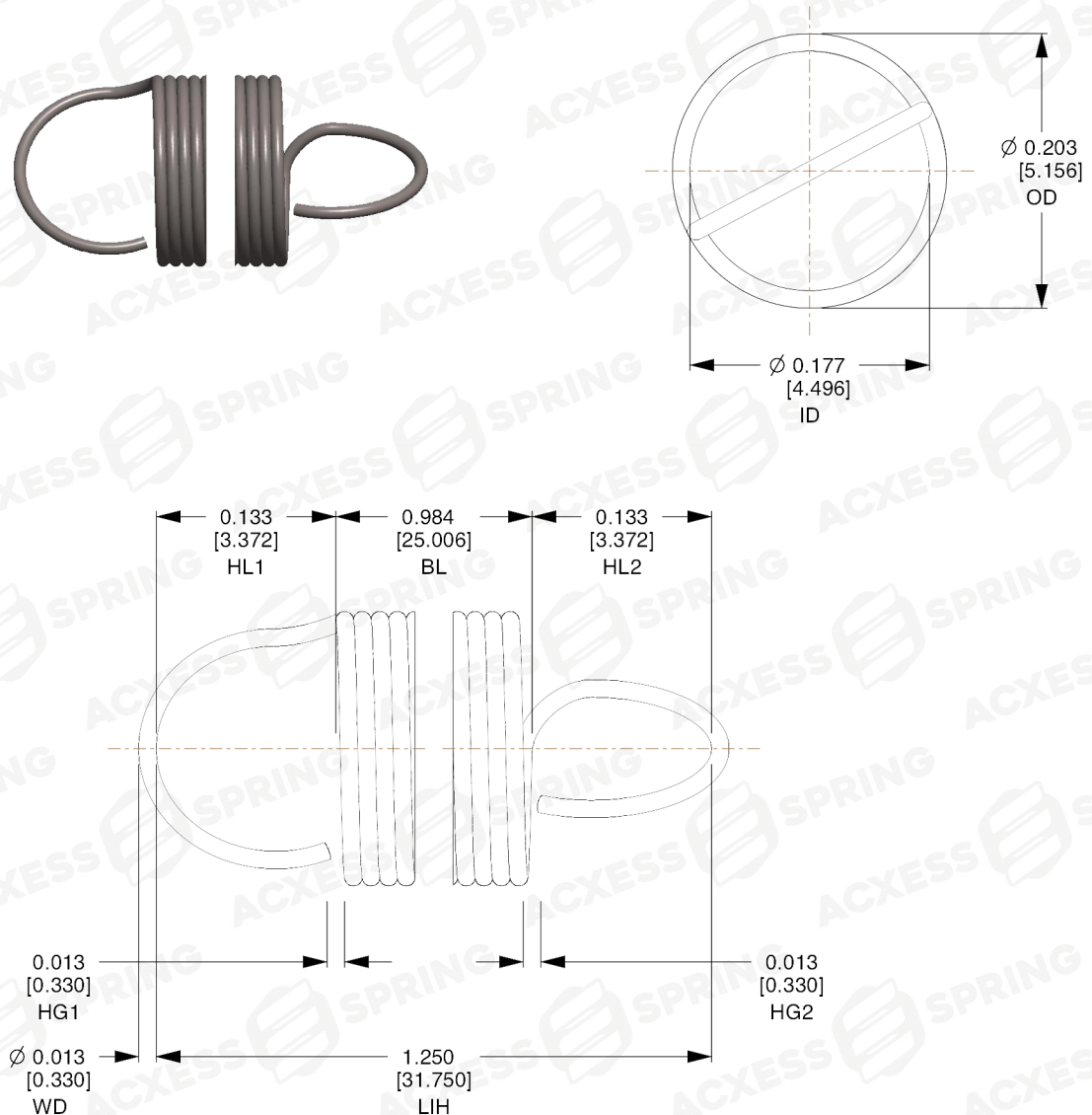


Part Name:	Date: 06/02/2026
Part #: in (Click to see Part # on Website)	PE013-203-74731-MW-1250-MH-N-IN Link
Spring Type: Extension Spring	End Type: Machine Hook
Finish: None	Direction of Wind: Right Hand
Material: Music Wire ASTM A228	Spring Index (I): 14.615
Weight / M: 1.713 Lbs	Length of W: 45.428 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.013 in	[0.330 mm]	+/- 0.001
Outer Diameter (OD)	0.203 in	[5.156 mm]	+/- 0.005
Mean Diameter (MD)	0.190 in	[4.826 mm]	+/- 0.005
Inner Diameter (ID)	0.177 in	[4.496 mm]	+/- 0.005
Length Inside Hooks (LIH)	1.250 in	[31.750 mm]	+/- 0.050
Body Length (BL)	0.985 in	[25.019 mm]	+/- 0.025
Hook Gap 1 (HG1)	0.013 in	[0.330] mm	
Hook Gap 2 (HG2)	0.013 in	[0.330] mm	
Hook Length 1 (HL1)	0.133 in	[3.378] mm	
Hook Length 2 (HL2)	0.133 in	[3.378] mm	
Total Hook Length (THL)	0.265 in	[6.731] mm	

Spring Rate (K)	0.08001 lbs/in	0.014 N/mm	+/- 0.008
Max Load (ML)	0.593 lbf	2.639 N	+/- 0.059
Max Travel (MT)	7.009 in	178.024 mm	
Initial Tension (IT)	0.033 lbf	0.145 N	
Max Shear Stress Possible (t max)	175310.000 PSI	1208719901.036 Pa	
Material Shear Modulus (G)	11492970.929 PSI	79241245134.131 Pa	
Wahl Correction Factor (W)	1.097	1.097	



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

Notes	Scale: 7.143	Revision #:	Drawn By:	Approved By:
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