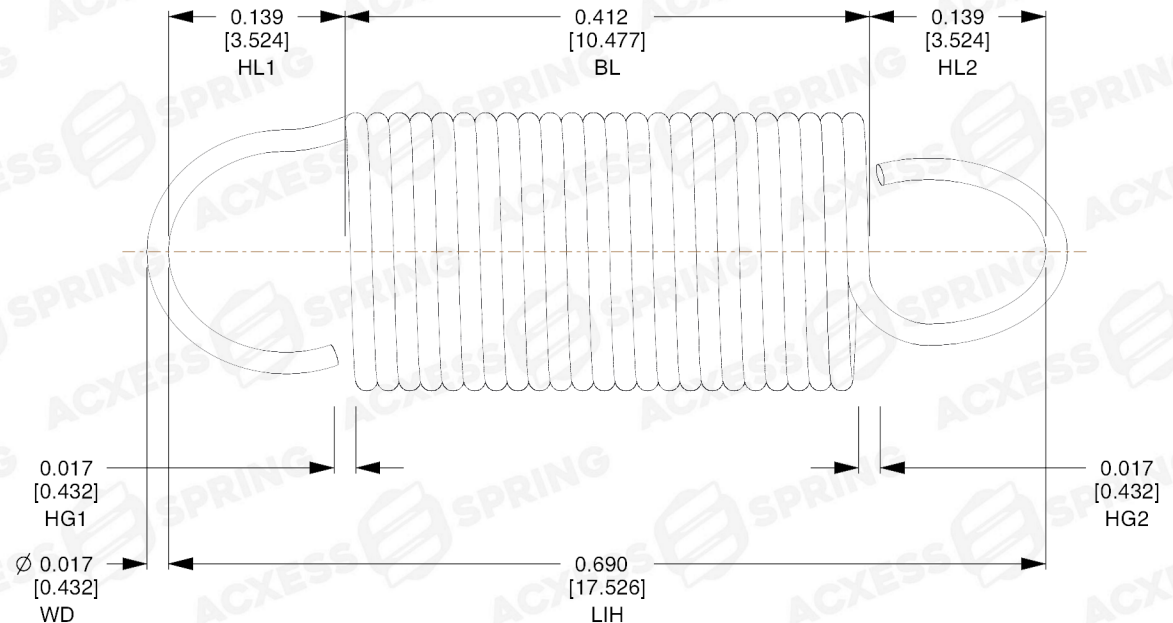


Part Name:	Date: 06/02/2026
Part #: in (Click to see Part # on Website)	PE017-219-23265-MW-0690-MH-N-IN ↗
Spring Type: Extension Spring	End Type: Machine Hook
Finish: None	Direction of Wind: Right Hand
Material: Music Wire ASTM A228	Spring Index (I): 11.882
Weight / M: 1.008 Lbs	Length of W: 15.637 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.017 in	[0.432 mm]	+/- 0.001
Outer Diameter (OD)	0.219 in	[5.563 mm]	+/- 0.005
Mean Diameter (MD)	0.202 in	[5.131 mm]	+/- 0.005
Inner Diameter (ID)	0.185 in	[4.699 mm]	+/- 0.005
Length Inside Hooks (LIH)	0.690 in	[17.526 mm]	+/- 0.025
Body Length (BL)	0.413 in	[10.490 mm]	+/- 0.015
Hook Gap 1 (HG1)	0.017 in	[0.432] mm	
Hook Gap 2 (HG2)	0.017 in	[0.432] mm	
Hook Length 1 (HL1)	0.139 in	[3.531] mm	
Hook Length 2 (HL2)	0.139 in	[3.531] mm	
Total Hook Length (THL)	0.277 in	[7.036] mm	

Spring Rate (K)	0.62494 lbs/in	0.109 N/mm	+/- 0.062
Max Load (ML)	1.191 lbf	5.296 N	+/- 0.119
Max Travel (MT)	1.757 in	44.635 mm	
Initial Tension (IT)	0.092 lbf	0.411 N	
Max Shear Stress Possible (t max)	170140.000 PSI	1173074005.831 Pa	
Material Shear Modulus (G)	11492970.929 PSI	79241245134.131 Pa	
Wahl Correction Factor (W)	1.121	1.121	



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

Notes	Scale: 6.621	Revision #:	Drawn By:	Approved By:
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