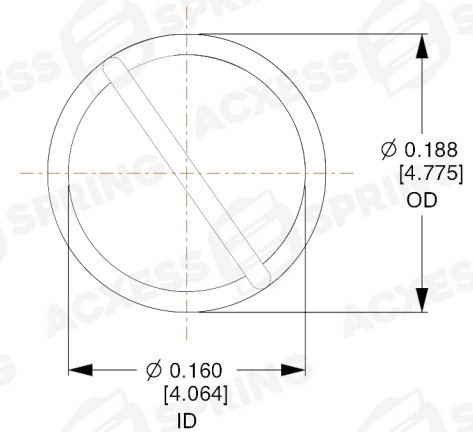
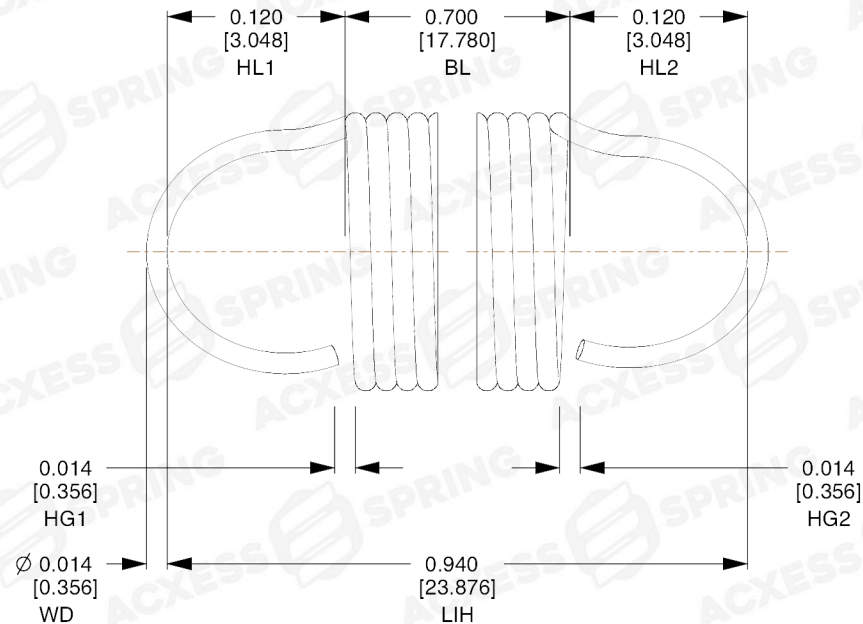


Part Name:	Date: 06/02/2026
Part #: in (Click to see Part # on Website)	PE014-188-49000-MW-0940-MH-N-IN Link
Spring Type: Extension Spring	End Type: Machine Hook
Finish: None	Direction of Wind: Right Hand
Material: Music Wire ASTM A228	Spring Index (I): 12.429
Weight / M: 1.204 Lbs	Length of W: 27.537 in



Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.014 in	[0.356 mm]	+/- 0.001
Outer Diameter (OD)	0.188 in	[4.775 mm]	+/- 0.005
Mean Diameter (MD)	0.174 in	[4.420 mm]	+/- 0.005
Inner Diameter (ID)	0.160 in	[4.064 mm]	+/- 0.005
Length Inside Hooks (LIH)	0.940 in	[23.876 mm]	+/- 0.025
Body Length (BL)	0.700 in	[17.780 mm]	+/- 0.025
Hook Gap 1 (HG1)	0.014 in	[0.356 mm]	
Hook Gap 2 (HG2)	0.014 in	[0.356 mm]	
Hook Length 1 (HL1)	0.120 in	[3.048 mm]	
Hook Length 2 (HL2)	0.120 in	[3.048 mm]	
Total Hook Length (THL)	0.240 in	[6.096 mm]	

Spring Rate (K)	0.21380 lbs/in	0.037 N/mm	+/- 0.021
Max Load (ML)	0.790 lbf	3.515 N	+/- 0.079
Max Travel (MT)	3.428 in	87.071 mm	
Initial Tension (IT)	0.057 lbf	0.255 N	
Max Shear Stress Possible (t max)	173430.000 PSI	1195757757.325 Pa	
Material Shear Modulus (G)	11492970.929 PSI	79241245134.131 Pa	
Wahl Correction Factor (W)	1.115	1.115	



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

Notes	Scale: 7.713	Revision #:	Drawn By:	Approved By:
This file and any associated information and specifications are provided for reference and evaluation purposes only, and is subject to change without notice. Access Spring makes no representations, warranties or guarantees as to the appropriateness, accuracy, completeness, or suitability for any purpose, of the file, information or specifications. You are solely responsible for the use of the file, information or specification.				This Drawing is the property of ACCESS SPRING It may contain confidential, proprietary information, that is Access Spring property. Do not disclose to or duplicate for others except as authorized by Access Spring.