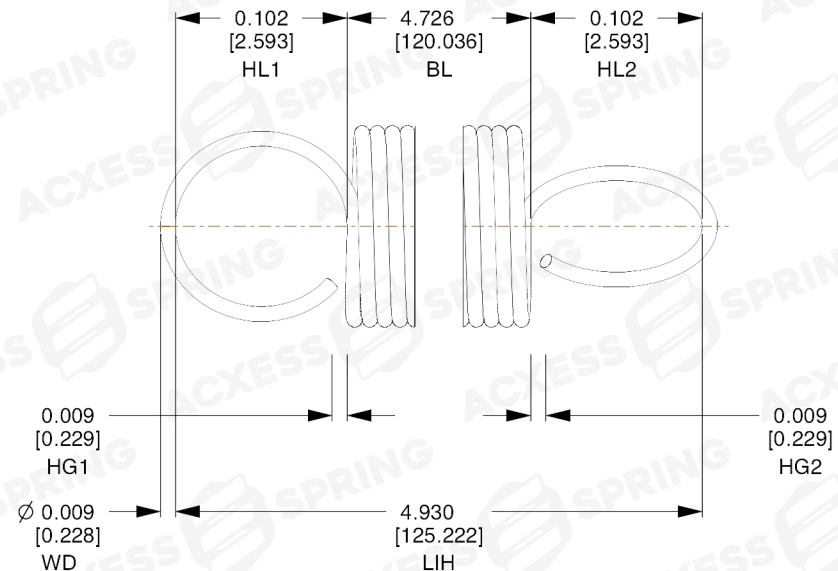
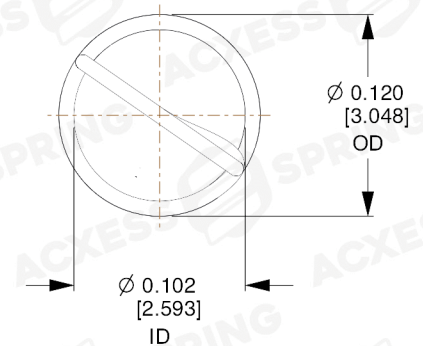


Part Name:	Date: 06/02/2026
Part #: in (Click to see Part # on Website)	PE009-120-500778-MW-4930-CO-N-IN 
Spring Type: Extension Spring	End Type: Cross-Over Hook
Finish: None	Direction of Wind: Right Hand
Material: Music Wire ASTM A228	Spring Index (I): 12.333
Weight / M: 3.173 Lbs	Length of W: 175.531 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.009 in	[0.229 mm]	+/- 0.001
Outer Diameter (OD)	0.120 in	[3.048 mm]	+/- 0.005
Mean Diameter (MD)	0.111 in	[2.819 mm]	+/- 0.005
Inner Diameter (ID)	0.102 in	[2.591 mm]	+/- 0.005
Length Inside Hooks (LIH)	4.930 in	[125.222 mm]	+/- 0.200
Body Length (BL)	4.726 in	[120.040 mm]	+/- 0.200
Hook Gap 1 (HG1)	0.009 in	[0.229] mm	
Hook Gap 2 (HG2)	0.009 in	[0.229] mm	
Hook Length 1 (HL1)	0.102 in	[2.591] mm	
Hook Length 2 (HL2)	0.102 in	[2.591] mm	
Total Hook Length (THL)	0.204 in	[5.182] mm	

Spring Rate (K)	0.01315 lbs/in	0.002 N/mm	+/- 0.001
Max Load (ML)	0.342 lbf	1.521 N	+/- 0.034
Max Travel (MT)	24.172 in	613.981 mm	
Initial Tension (IT)	0.024 lbf	0.107 N	
Max Shear Stress Possible (t max)	184710.000 PSI	1273530619.590 Pa	
Material Shear Modulus (G)	11492970.929 PSI	79241245134.131 Pa	
Wahl Correction Factor (W)	1.116	1.116	



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

Notes	Scale: 8.750	Revision #:	Drawn By:	Approved By:
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