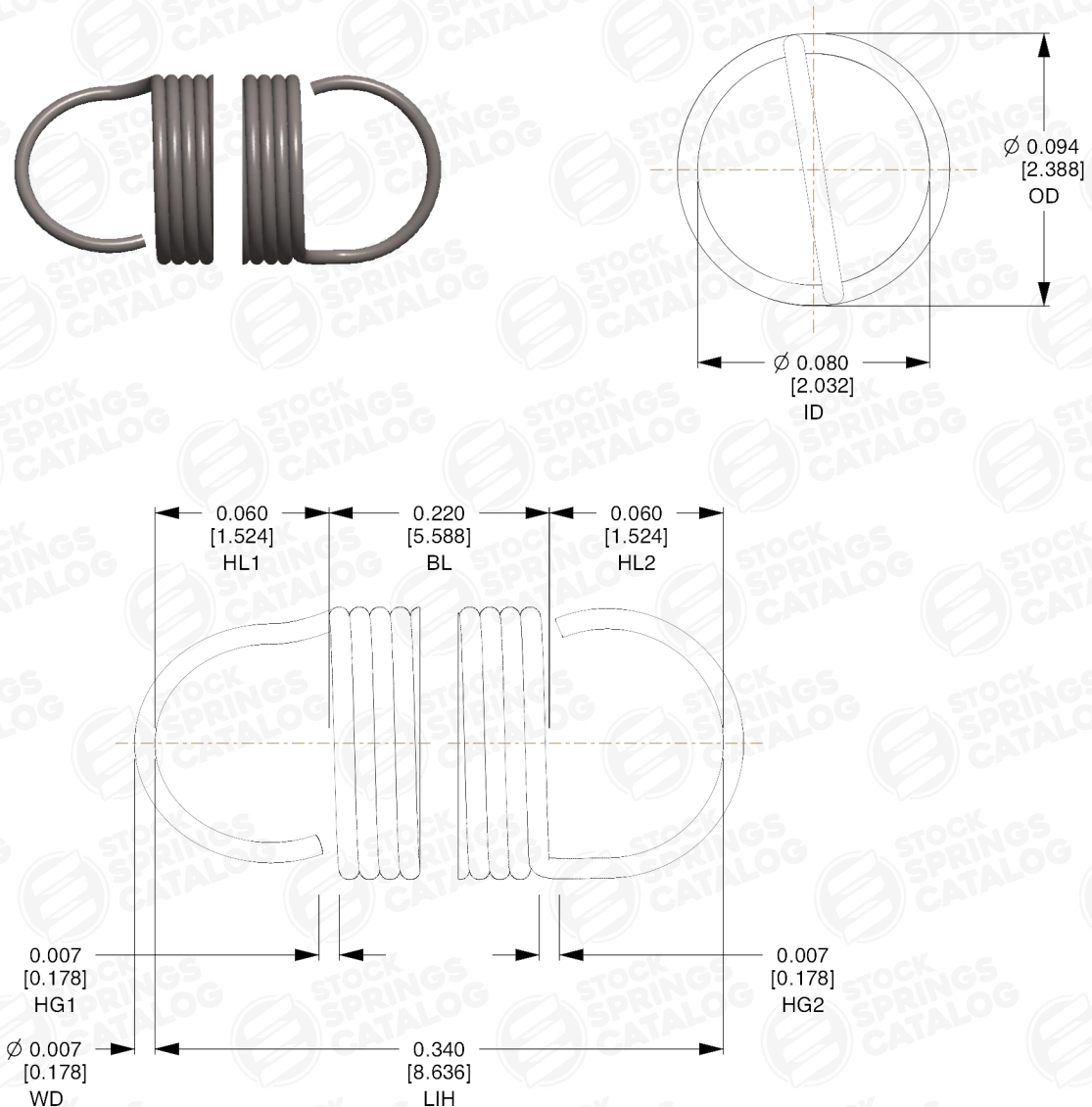


Part Name:	Date: 06/02/2026
Part #: in (Click to see Part # on Website)	PE007-094-30429-MW-0340-MH-N-IN 
Spring Type: Extension Spring	End Type: Machine Hook
Finish: None	Direction of Wind: Right Hand
Material: Music Wire ASTM A228	Spring Index (I): 12.429
Weight / M: 0.095 Lbs	Length of W: 8.693 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.007 in	[0.178 mm]	+/- 0.001
Outer Diameter (OD)	0.094 in	[2.388 mm]	+/- 0.003
Mean Diameter (MD)	0.087 in	[2.210 mm]	+/- 0.003
Inner Diameter (ID)	0.080 in	[2.032 mm]	+/- 0.003
Length Inside Hooks (LIH)	0.340 in	[8.636 mm]	+/- 0.015
Body Length (BL)	0.220 in	[5.588 mm]	+/- 0.015
Hook Gap 1 (HG1)	0.007 in	[0.178] mm	
Hook Gap 2 (HG2)	0.007 in	[0.178] mm	
Hook Length 1 (HL1)	0.060 in	[1.524] mm	
Hook Length 2 (HL2)	0.060 in	[1.524] mm	
Total Hook Length (THL)	0.120 in	[3.048] mm	

Spring Rate (K)	0.17215 lbs/in	0.030 N/mm	+/- 0.017
Max Load (ML)	0.218 lbf	0.969 N	+/- 0.022
Max Travel (MT)	1.183 in	30.036 mm	
Initial Tension (IT)	0.014 lbf	0.064 N	
Max Shear Stress Possible (t max)	191290.000 PSI	1318898122.578 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: 15.426	Revision #:	Drawn By:	Approved By:
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