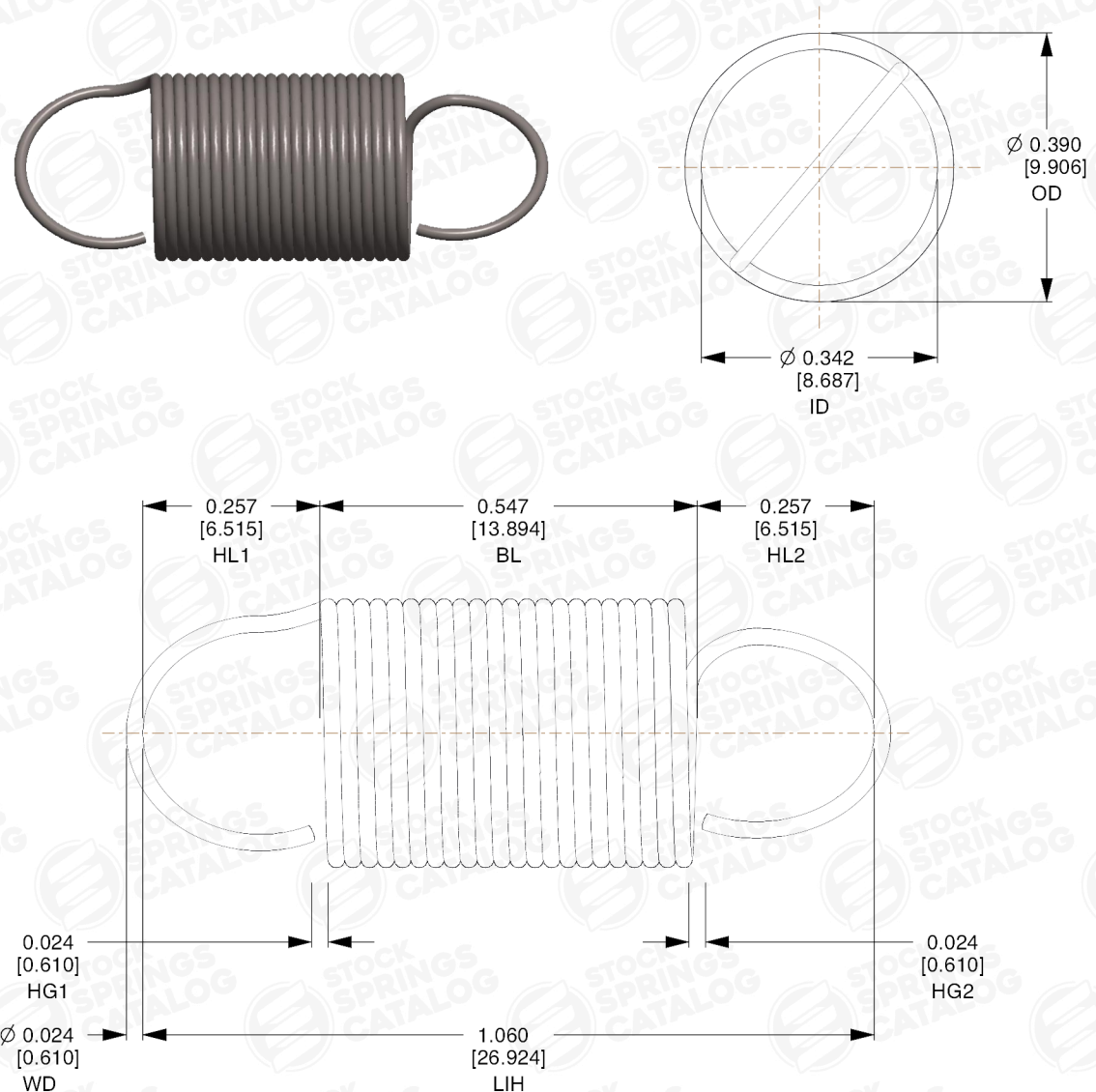


Part Name:	Date: 06/02/2026
Part #: in (Click to see Part # on Website)	PE024-390-21792-MW-1060-MH-N-IN 
Spring Type: Extension Spring	End Type: Machine Hook
Finish: None	Direction of Wind: Right Hand
Material: Music Wire ASTM A228	Spring Index (I): 15.250
Weight / M: 3.424 Lbs	Length of W: 26.638 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.024 in	[0.610 mm]	+/- 0.001
Outer Diameter (OD)	0.390 in	[9.906 mm]	+/- 0.008
Mean Diameter (MD)	0.366 in	[9.296 mm]	+/- 0.008
Inner Diameter (ID)	0.342 in	[8.687 mm]	+/- 0.008
Length Inside Hooks (LIH)	1.060 in	[26.924 mm]	+/- 0.050
Body Length (BL)	0.547 in	[13.894 mm]	+/- 0.025
Hook Gap 1 (HG1)	0.024 in	[0.610] mm	
Hook Gap 2 (HG2)	0.024 in	[0.610] mm	
Hook Length 1 (HL1)	0.257 in	[6.528] mm	
Hook Length 2 (HL2)	0.257 in	[6.528] mm	
Total Hook Length (THL)	0.513 in	[13.030] mm	

Spring Rate (K)	0.44612 lbs/in	0.078 N/mm	+/- 0.045
Max Load (ML)	1.798 lbf	7.998 N	+/- 0.180
Max Travel (MT)	3.802 in	96.563 mm	
Initial Tension (IT)	0.102 lbf	0.454 N	
Max Shear Stress Possible (t max)	162150.000 PSI	1117984895.060 Pa	
Material Shear Modulus (G)	11492970.929 PSI	79241245134.131 Pa	
Wahl Correction Factor (W)	1.093	1.093	



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

Notes	Scale: 3.718	Revision #:	Drawn By:	Approved By:
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