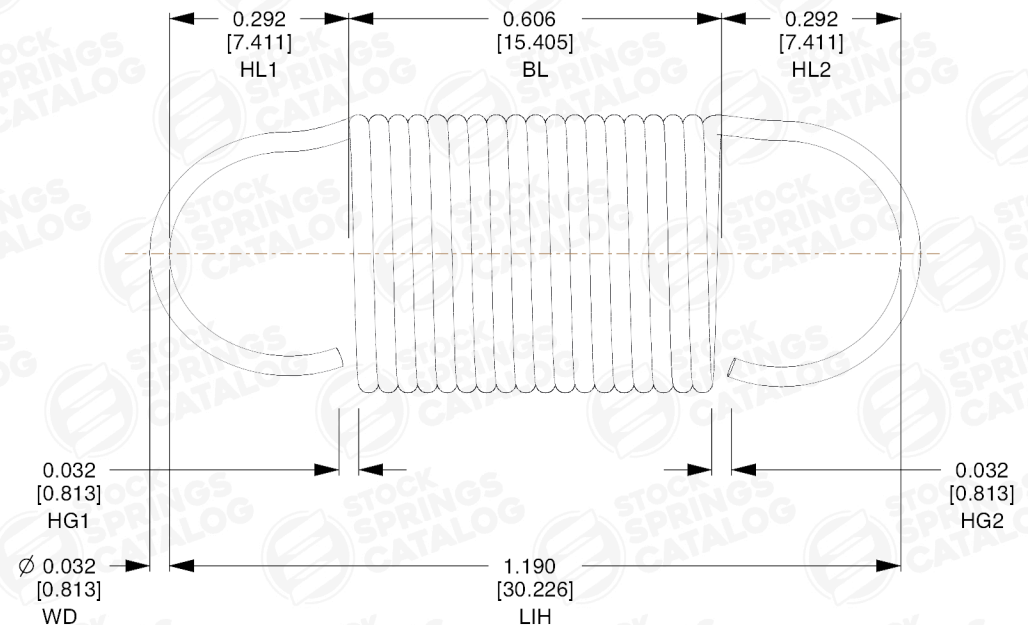
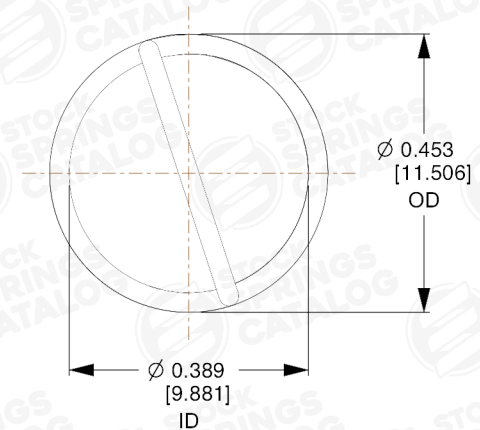


Part Name:	Date: 06/02/2026
Part #: in (Click to see Part # on Website)	PE032-453-17954-MW-1190-MH-N-IN 
Spring Type: Extension Spring	End Type: Machine Hook
Finish: None	Direction of Wind: Right Hand
Material: Music Wire ASTM A228	Spring Index (I): 13.156
Weight / M: 5.842 Lbs	Length of W: 25.565 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.032 in	[0.813 mm]	+/- 0.001
Outer Diameter (OD)	0.453 in	[11.506 mm]	+/- 0.008
Mean Diameter (MD)	0.421 in	[10.693 mm]	+/- 0.008
Inner Diameter (ID)	0.389 in	[9.881 mm]	+/- 0.008
Length Inside Hooks (LIH)	1.190 in	[30.226 mm]	+/- 0.050
Body Length (BL)	0.606 in	[15.392 mm]	+/- 0.025
Hook Gap 1 (HG1)	0.032 in	[0.813] mm	
Hook Gap 2 (HG2)	0.032 in	[0.813] mm	
Hook Length 1 (HL1)	0.292 in	[7.417] mm	
Hook Length 2 (HL2)	0.292 in	[7.417] mm	
Total Hook Length (THL)	0.584 in	[14.834] mm	

Spring Rate (K)	1.12547 lbs/in	0.197 N/mm	+/- 0.113
Max Load (ML)	3.505 lbf	15.590 N	+/- 0.350
Max Travel (MT)	2.878 in	73.104 mm	
Initial Tension (IT)	0.266 lbf	1.181 N	
Max Shear Stress Possible (t max)	155100.000 PSI	1069376856.144 Pa	
Material Shear Modulus (G)	11492970.929 PSI	79241245134.131 Pa	
Wahl Correction Factor (W)	1.108	1.108	



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

Notes	Scale: 3.201	Revision #:	Drawn By:	Approved By:
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