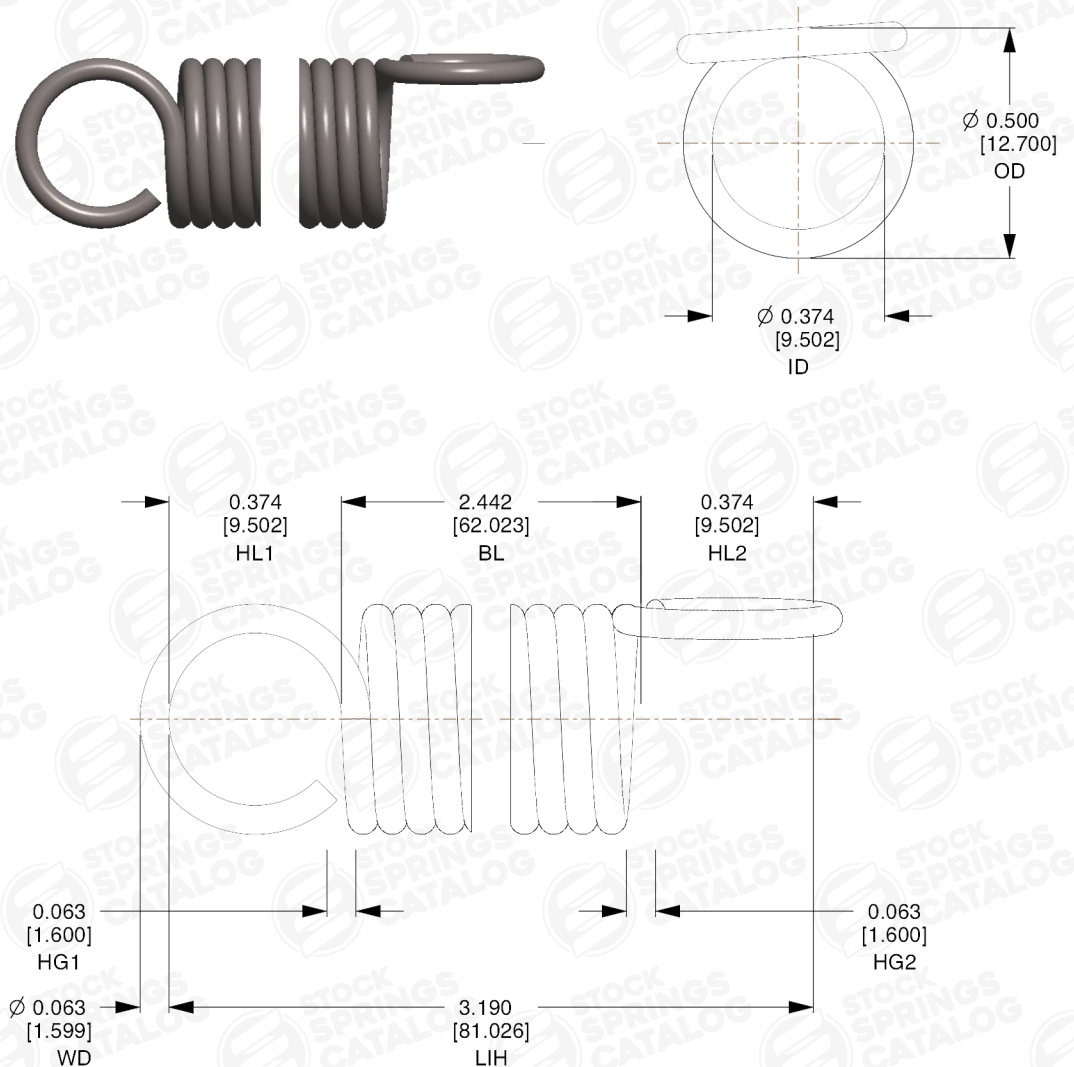


Part Name:	Date: 06/02/2026
Part #: in (Click to see Part # on Website)	PE063-500-41355-MW-3190-SH-N-IN Link
Spring Type: Extension Spring	End Type: Side Hook
Finish: None	Direction of Wind: Right Hand
Material: Music Wire ASTM A228	Spring Index (I): 6.937
Weight / M: 53.383 Lbs	Length of W: 60.269 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.063 in	[1.600 mm]	+/- 0.001
Outer Diameter (OD)	0.500 in	[12.700 mm]	+/- 0.008
Mean Diameter (MD)	0.437 in	[11.100 mm]	+/- 0.008
Inner Diameter (ID)	0.374 in	[9.500 mm]	+/- 0.008
Length Inside Hooks (LIH)	3.190 in	[81.026 mm]	+/- 0.100
Body Length (BL)	2.442 in	[62.027 mm]	+/- 0.100
Hook Gap 1 (HG1)	0.063 in	[1.600] mm	
Hook Gap 2 (HG2)	0.063 in	[1.600] mm	
Hook Length 1 (HL1)	0.374 in	[9.500] mm	
Hook Length 2 (HL2)	0.374 in	[9.500] mm	
Total Hook Length (THL)	0.748 in	[18.999] mm	

Spring Rate (K)	7.18135 lbs/in	1.258 N/mm	+/- 0.718
Max Load (ML)	20.298 lbf	90.291 N	+/- 2.030
Max Travel (MT)	2.315 in	58.811 mm	
Initial Tension (IT)	3.670 lbf	16.327 N	
Max Shear Stress Possible (t max)	139120.000 PSI	959198634.602 Pa	
Material Shear Modulus (G)	11492970.929 PSI	79241245134.131 Pa	
Wahl Correction Factor (W)	1.215	1.215	



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

Notes	Scale: 2.400	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.