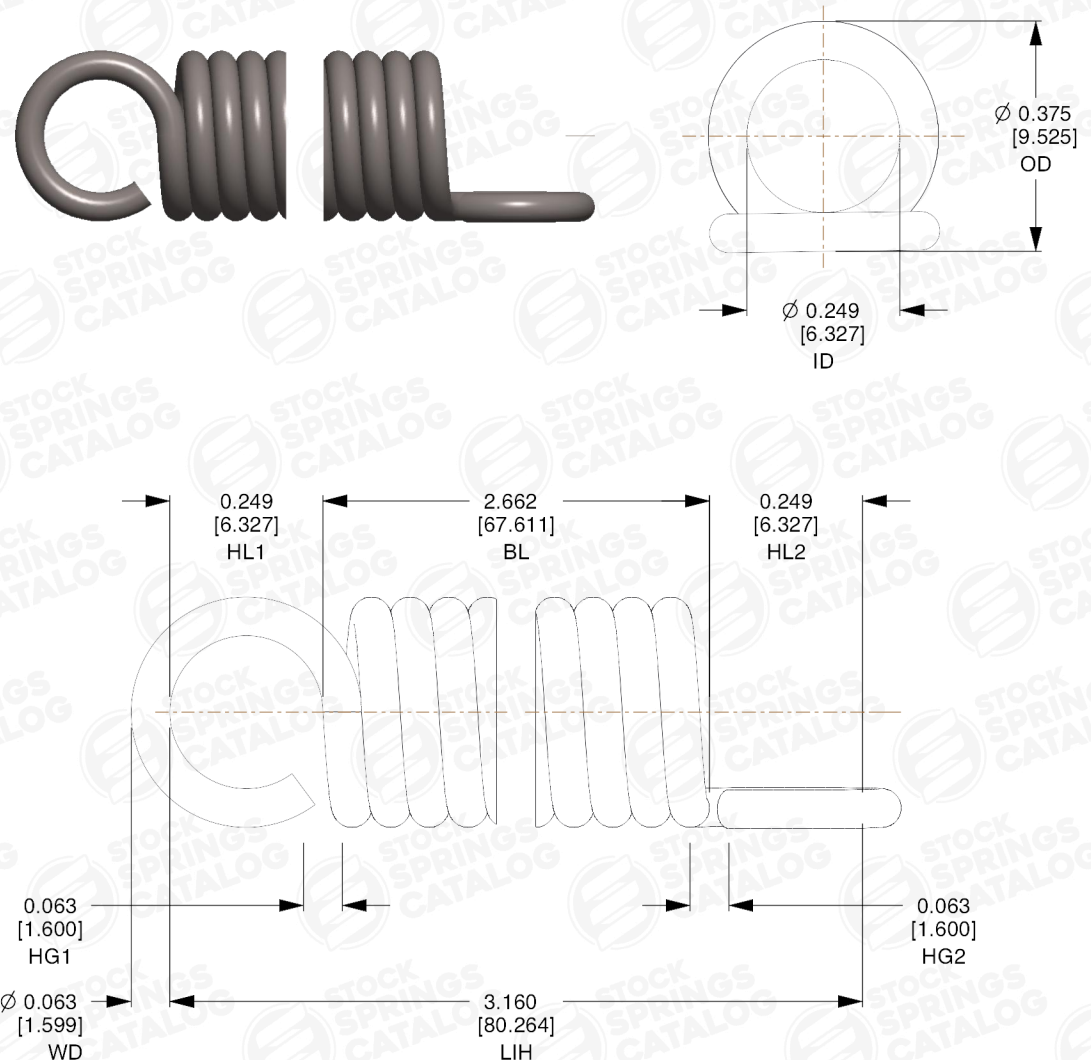


Part Name:	Date: 06/02/2026
Part #: in (Click to see Part # on Website)	PE063-375-41254-MW-3160-SH-N-IN
Spring Type: Extension Spring	End Type: Side Hook
Finish: None	Direction of Wind: Right Hand
Material: Music Wire ASTM A228	Spring Index (I): 4.952
Weight / M: 37.993 Lbs	Length of W: 42.895 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.063 in	[1.600 mm]	+/- 0.001
Outer Diameter (OD)	0.375 in	[9.525 mm]	+/- 0.008
Mean Diameter (MD)	0.312 in	[7.925 mm]	+/- 0.008
Inner Diameter (ID)	0.249 in	[6.325 mm]	+/- 0.008
Length Inside Hooks (LIH)	3.160 in	[80.264 mm]	+/- 0.100
Body Length (BL)	2.662 in	[67.615 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)	0.249 in	[6.325] mm	
Hook Length 2 (HL2)	0.249 in	[6.325] mm	
Total Hook Length (THL)	0.498 in	[12.649] mm	

Spring Rate (K)	18.06238 lbs/in	3.163 N/mm	+/- 1.806
Max Load (ML)	25.379 lbf	112.892 N	+/- 2.538
Max Travel (MT)	1.054 in	26.759 mm	
Initial Tension (IT)	6.351 lbf	28.248 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)	1.314	1.314	



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

Notes	Scale: 3.200	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.