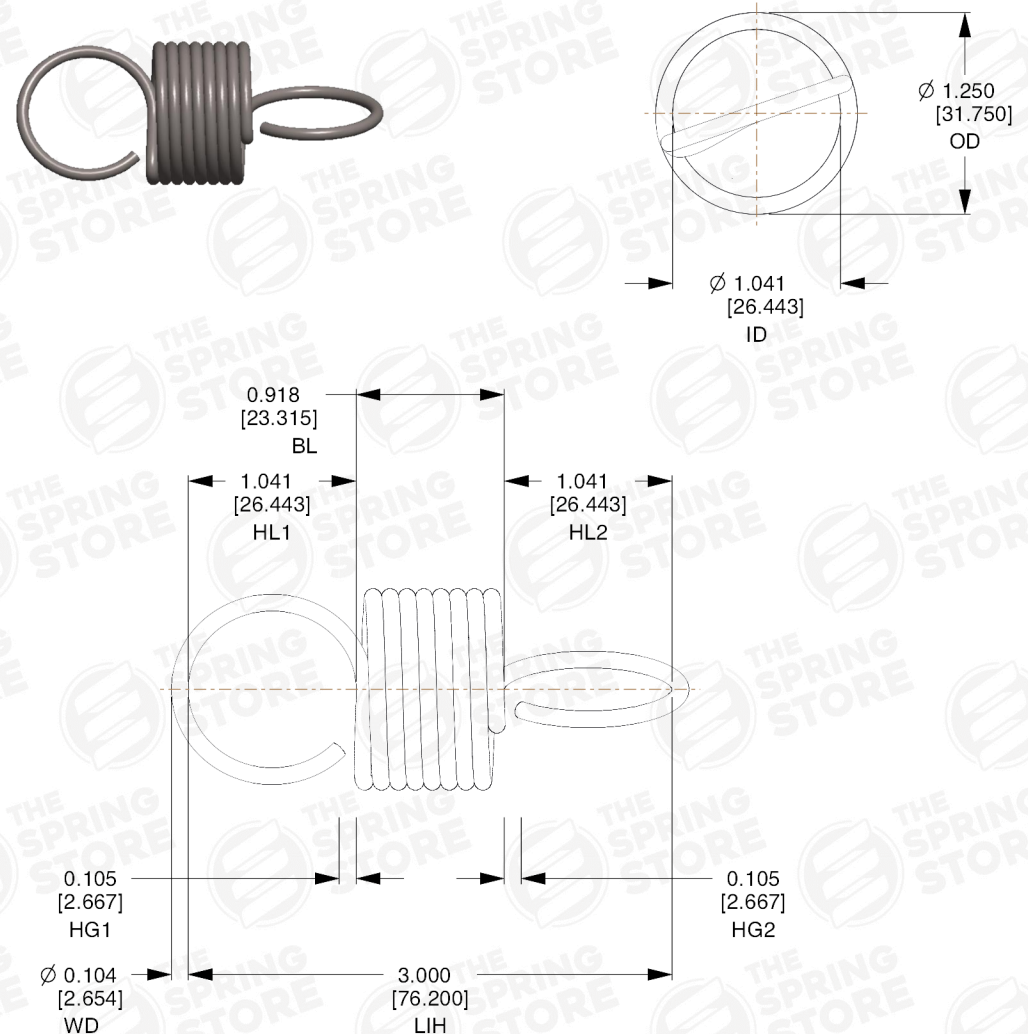


Part Name:	Date: 06/02/2026
Part #: in (Click to see Part # on Website)	PE105-1250-7762-MW-3000-CO-N-IN 
Spring Type: Extension Spring	End Type: Cross-Over Hook
Finish: None	Direction of Wind: Right Hand
Material: Music Wire ASTM A228	Spring Index (I): 10.905
Weight / M: 91.514 Lbs	Length of W: 37.195 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.105 in	[2.667 mm]	+/- 0.001
Outer Diameter (OD)	1.250 in	[31.750 mm]	+/- 0.025
Mean Diameter (MD)	1.145 in	[29.083 mm]	+/- 0.025
Inner Diameter (ID)	1.040 in	[26.416 mm]	+/- 0.025
Length Inside Hooks (LIH)	3.000 in	[76.200 mm]	+/- 0.100
Body Length (BL)	0.920 in	[23.368 mm]	+/- 0.025
Hook Gap 1 (HG1)	0.105 in	[2.667] mm	
Hook Gap 2 (HG2)	0.105 in	[2.667] mm	
Hook Length 1 (HL1)	1.040 in	[26.416] mm	
Hook Length 2 (HL2)	1.040 in	[26.416] mm	
Total Hook Length (THL)	2.080 in	[52.832] mm	

Spring Rate (K)	14.98700 lbs/in	2.625 N/mm	+/- 1.499
Max Load (ML)	35.604 lbf	158.374 N	+/- 3.560
Max Travel (MT)	2.093 in	53.152 mm	
Initial Tension (IT)	4.242 lbf	18.868 N	
Max Shear Stress Possible (t max)	126900.000 PSI	874944700.482 Pa	
Material Shear Modulus (G)	11492970.929 PSI	79241245134.131 Pa	
Wahl Correction Factor (W)	1.132	1.132	



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

Notes	Scale: 0.840	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.