



By **ACCESS SPRING**

**Force that
EMPOWERS**

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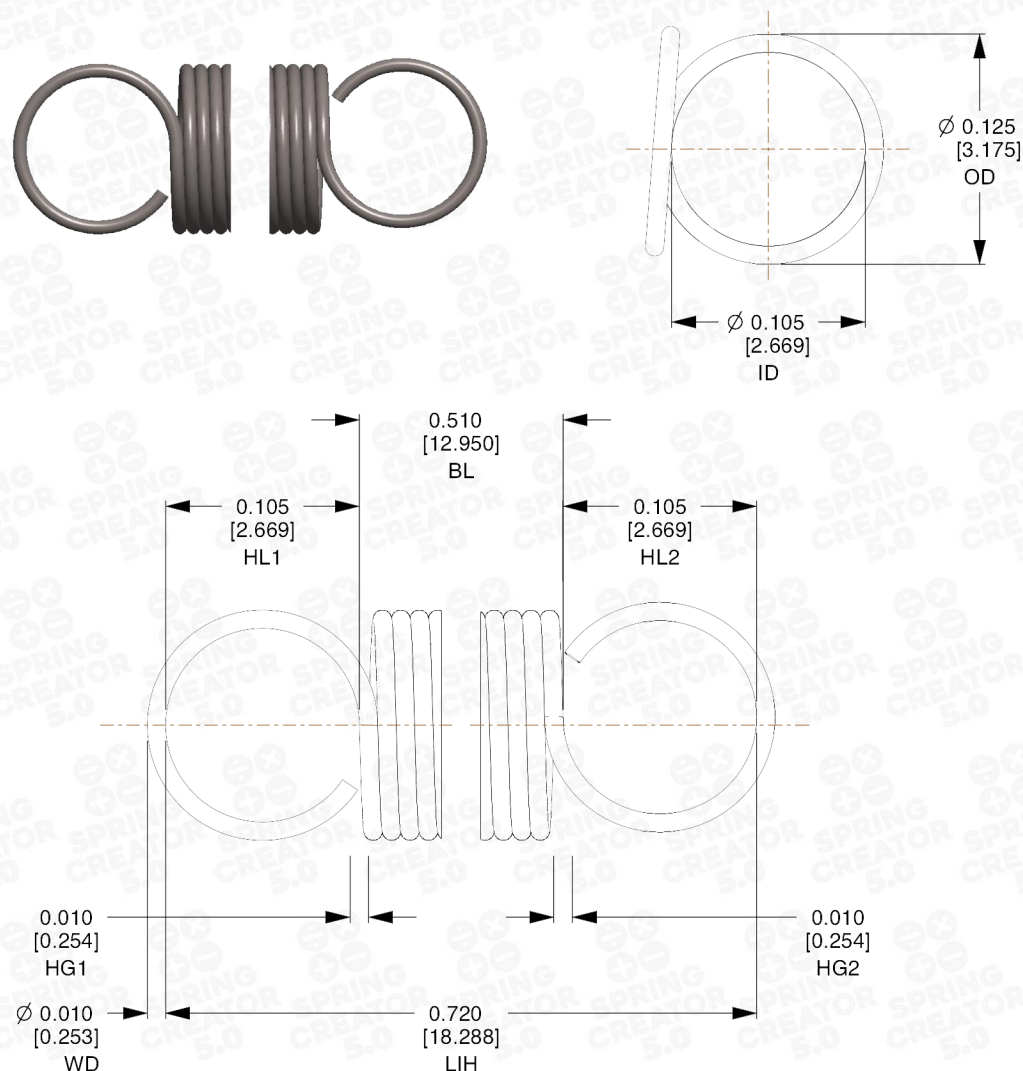
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Part Name:	Date: 06/02/2026
Part #: in (Click to see Part # on Website)	PE010-125-50000-MW-0720-SH-N-IN
Spring Type: Extension Spring	End Type: Side Hook
Finish: None	Direction of Wind: Right Hand
Material: Music Wire ASTM A228	Spring Index (I): 11.500
Weight / M: 0.424 Lbs	Length of W: 18.997 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.010 in	[0.254 mm]	+/- 0.001
Outer Diameter (OD)	0.125 in	[3.175 mm]	+/- 0.005
Mean Diameter (MD)	0.115 in	[2.921 mm]	+/- 0.005
Inner Diameter (ID)	0.105 in	[2.667 mm]	+/- 0.005
Length Inside Hooks (LIH)	0.720 in	[18.288 mm]	+/- 0.025
Body Length (BL)	0.510 in	[12.954 mm]	+/- 0.025
Hook Gap 1 (HG1)	0.010 in	[0.254 mm]	
Hook Gap 2 (HG2)	0.010 in	[0.254 mm]	
Hook Length 1 (HL1)	0.105 in	[2.667 mm]	
Hook Length 2 (HL2)	0.105 in	[2.667 mm]	
Total Hook Length (THL)	0.210 in	[5.334 mm]	

Spring Rate (K)	0.18892 lbs/in	0.033 N/mm	+/- 0.019
Max Load (ML)	0.442 lbf	1.966 N	+/- 0.044
Max Travel (MT)	2.159 in	54.839 mm	
Initial Tension (IT)	0.034 lbf	0.152 N	
Max Shear Stress Possible (t max)	181890.000 PSI	1254087404.024 Pa	
Material Shear Modulus (G)	11492970.929 PSI	79241245134.131 Pa	
Wahl Correction Factor (W)	1.125	1.125	



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

Notes	Scale: 9.600	Revision #:	Drawn By:	Approved By:
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