



By **ACCESS SPRING**

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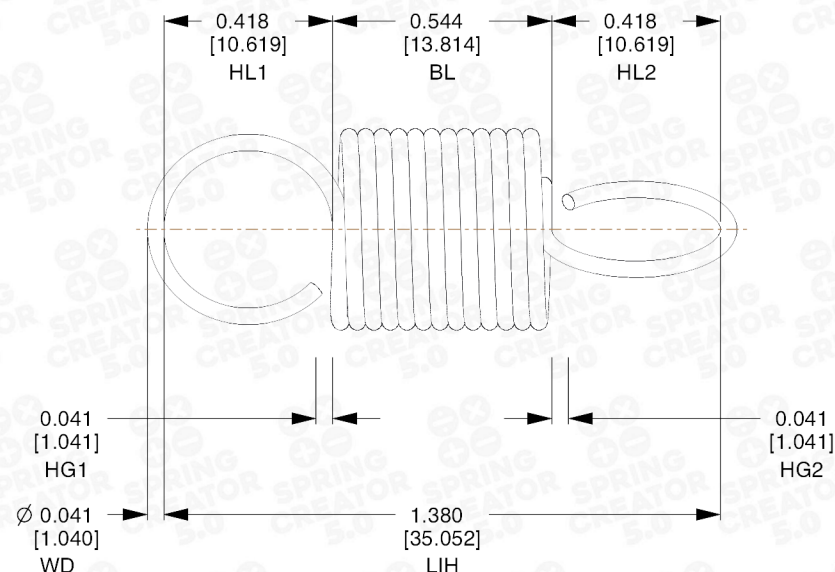
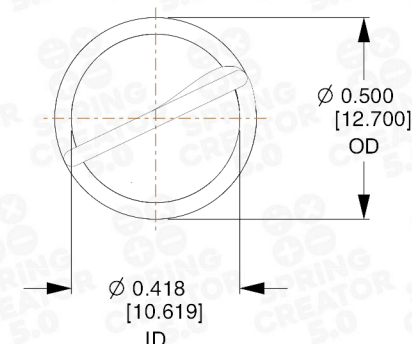
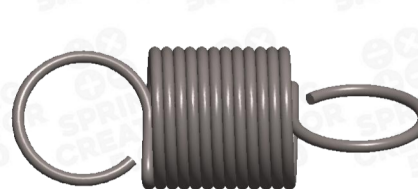
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Part Name:	Date: 06/02/2026
Part #: in (Click to see Part # on Website)	PE041-500-12268-MW-1380-CO-N-IN
Spring Type: Extension Spring	End Type: Cross-Over Hook
Finish: None	Direction of Wind: Right Hand
Material: Music Wire ASTM A228	Spring Index (I): 11.195
Weight / M: 8.032 Lbs	Length of W: 21.410 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.041 in	[1.041 mm]	+/- 0.001
Outer Diameter (OD)	0.500 in	[12.700 mm]	+/- 0.008
Mean Diameter (MD)	0.459 in	[11.659 mm]	+/- 0.008
Inner Diameter (ID)	0.418 in	[10.617 mm]	+/- 0.008
Length Inside Hooks (LIH)	1.380 in	[35.052 mm]	+/- 0.050
Body Length (BL)	0.544 in	[13.818 mm]	+/- 0.025
Hook Gap 1 (HG1)	0.041 in	[1.041 mm]	
Hook Gap 2 (HG2)	0.041 in	[1.041 mm]	
Hook Length 1 (HL1)	0.418 in	[10.617 mm]	
Hook Length 2 (HL2)	0.418 in	[10.617 mm]	
Total Hook Length (THL)	0.836 in	[21.234 mm]	

Spring Rate (K)	3.42181 lbs/in	0.599 N/mm	+/- 0.342
Max Load (ML)	6.191 lbf	27.538 N	+/- 0.619
Max Travel (MT)	1.630 in	41.399 mm	
Initial Tension (IT)	0.614 lbf	2.729 N	
Max Shear Stress Possible (t max)	148050.000 PSI	1020768817.229 Pa	
Material Shear Modulus (G)	11492970.929 PSI	79241245134.131 Pa	
Wahl Correction Factor (W)	1.129	1.129	



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

Notes	Scale: 2.100	Revision #:	Drawn By:	Approved By:
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