



By **ACCESS SPRING**

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EMPOWERS**

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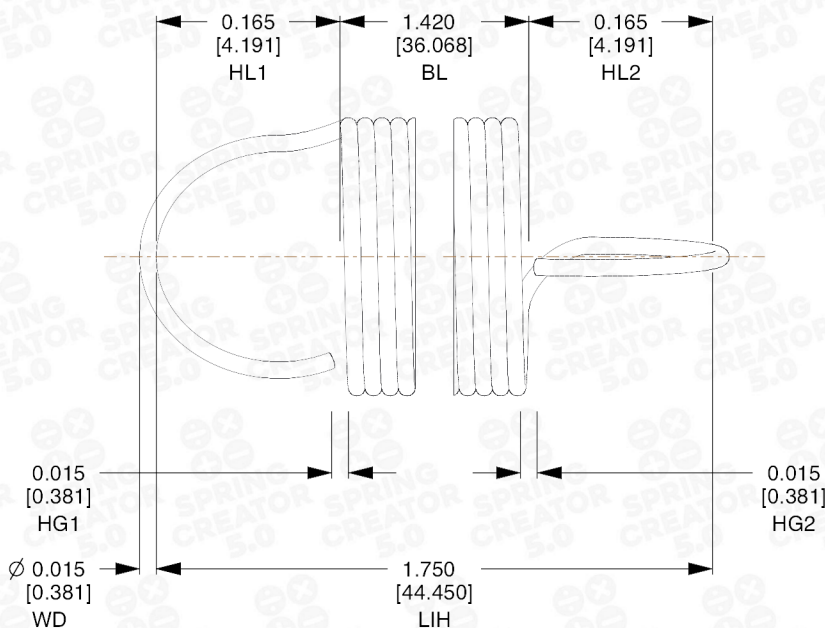
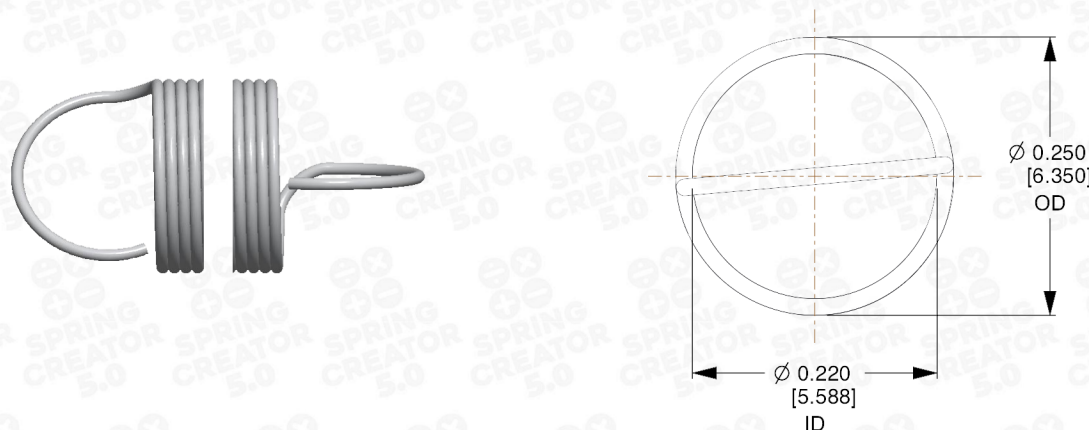
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Part Name:	Date: 06/02/2026
Part #: in (Click to see Part # on Website)	PE015-250-93667-SST-1750-MH-N-IN
Spring Type: Extension Spring	End Type: Machine Hook
Finish: None	Direction of Wind: Right Hand
Material: Stainless 302 ASTM A313	Spring Index (I): 15.667
Weight / M: 3.584 Lbs	Length of W: 70.167 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.015 in	[0.381 mm]	+/- 0.001
Outer Diameter (OD)	0.250 in	[6.350 mm]	+/- 0.005
Mean Diameter (MD)	0.235 in	[5.969 mm]	+/- 0.005
Inner Diameter (ID)	0.220 in	[5.588 mm]	+/- 0.005
Length Inside Hooks (LIH)	1.750 in	[44.450 mm]	+/- 0.050
Body Length (BL)	1.420 in	[36.068 mm]	+/- 0.050
Hook Gap 1 (HG1)	0.015 in	[0.381] mm	
Hook Gap 2 (HG2)	0.015 in	[0.381] mm	
Hook Length 1 (HL1)	0.165 in	[4.191] mm	
Hook Length 2 (HL2)	0.165 in	[4.191] mm	
Total Hook Length (THL)	0.330 in	[8.382] mm	

Spring Rate (K)	0.05179 lbs/in	0.009 N/mm	+/- 0.005
Max Load (ML)	0.616 lbf	2.738 N	+/- 0.062
Max Travel (MT)	11.205 in	284.610 mm	
Initial Tension (IT)	0.035 lbf	0.156 N	
Max Shear Stress Possible (t max)	145700.000 PSI	1004566137.590 Pa	
Material Shear Modulus (G)	9949475.938 PSI	68599221788.087 Pa	
Wahl Correction Factor (W)	1.090	1.090	



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

Notes	Scale: 5.800	Revision #:	Drawn By:	Approved By:
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