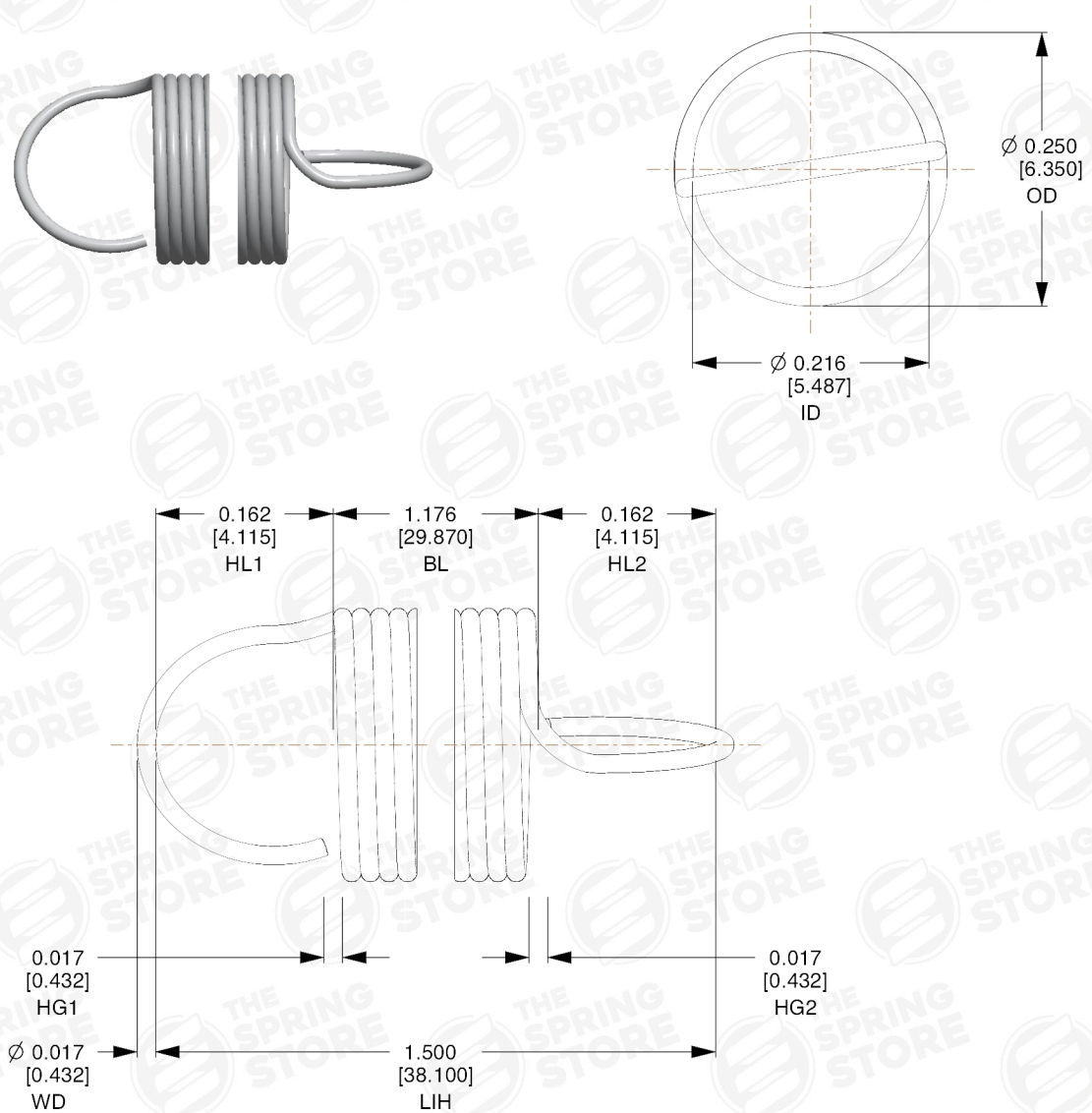


Part Name:	Date: 06/02/2026
Part #: in (Click to see Part # on Website)	PE017-250-68177-SST-1500-MH-N-IN 
Spring Type: Extension Spring	End Type: Machine Hook
Finish: None	Direction of Wind: Right Hand
Material: Stainless 302 ASTM A313	Spring Index (I): 13.706
Weight / M: 3.340 Lbs	Length of W: 50.911 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.017 in	[0.432 mm]	+/- 0.001
Outer Diameter (OD)	0.250 in	[6.350 mm]	+/- 0.005
Mean Diameter (MD)	0.233 in	[5.918 mm]	+/- 0.005
Inner Diameter (ID)	0.216 in	[5.486 mm]	+/- 0.005
Length Inside Hooks (LIH)	1.500 in	[38.100 mm]	+/- 0.050
Body Length (BL)	1.176 in	[29.870 mm]	+/- 0.050
Hook Gap 1 (HG1)	0.017 in	[0.432] mm	
Hook Gap 2 (HG2)	0.017 in	[0.432] mm	
Hook Length 1 (HL1)	0.162 in	[4.115] mm	
Hook Length 2 (HL2)	0.162 in	[4.115] mm	
Total Hook Length (THL)	0.324 in	[8.230] mm	

Spring Rate (K)	0.12045 lbs/in	0.021 N/mm	+/- 0.012
Max Load (ML)	0.883 lbf	3.929 N	+/- 0.088
Max Travel (MT)	6.779 in	172.197 mm	
Initial Tension (IT)	0.067 lbf	0.297 N	
Max Shear Stress Possible (t max)	143820.000 PSI	991603993.879 Pa	
Material Shear Modulus (G)	9949475.938 PSI	68599221788.087 Pa	
Wahl Correction Factor (W)	1.104	1.104	



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