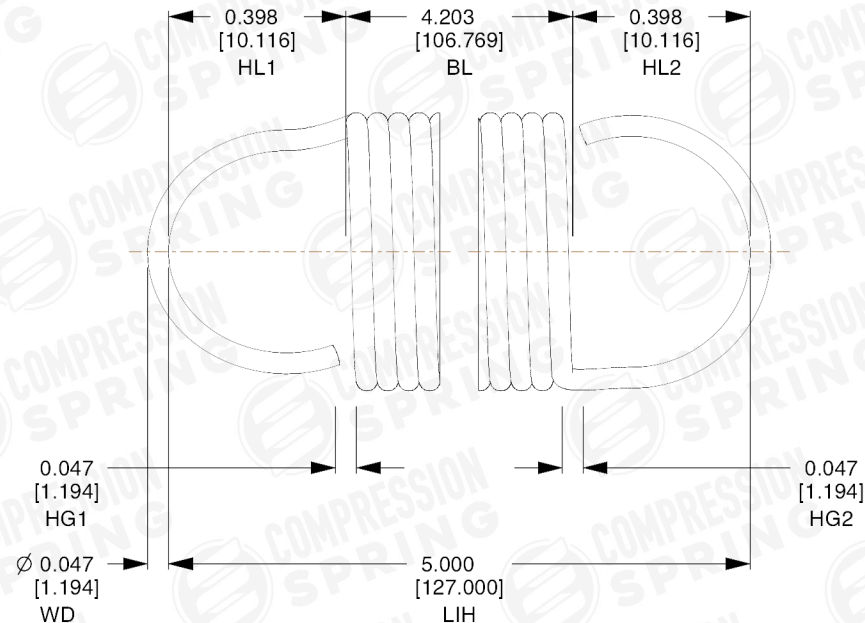
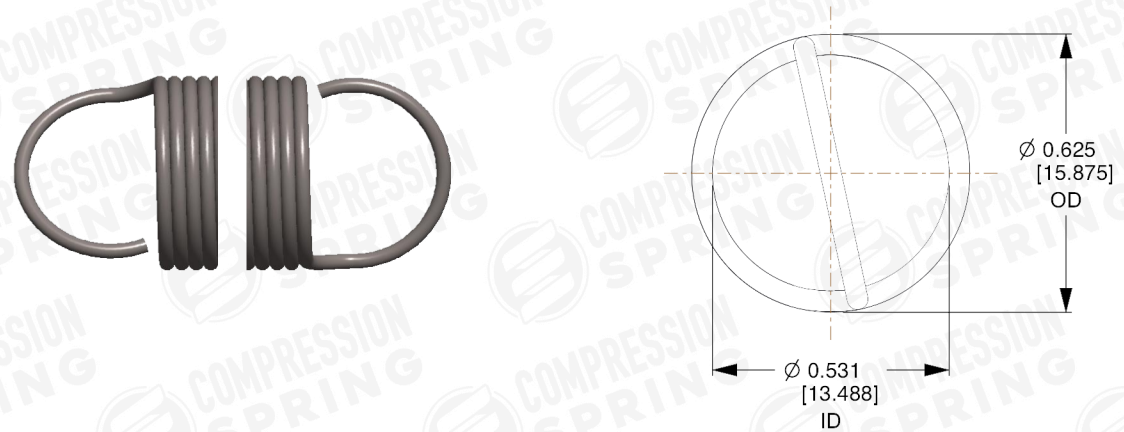


Part Name:	Date: 06/02/2026
Part #: in (Click to see Part # on Website)	PE047-625-88437-HD-5000-MH-N-IN 
Spring Type: Extension Spring	End Type: Machine Hook
Finish: None	Direction of Wind: Right Hand
Material: Hard Drawn ASTM A227	Spring Index (I): 12.298
Weight / M: 82.053 Lbs	Length of W: 163.084 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.047 in	[1.194 mm]	+/- 0.001
Outer Diameter (OD)	0.625 in	[15.875 mm]	+/- 0.015
Mean Diameter (MD)	0.578 in	[14.681 mm]	+/- 0.015
Inner Diameter (ID)	0.531 in	[13.487 mm]	+/- 0.015
Length Inside Hooks (LIH)	5.000 in	[127.000 mm]	+/- 0.200
Body Length (BL)	4.204 in	[106.782 mm]	+/- 0.200
Hook Gap 1 (HG1)	0.047 in	[1.194] mm	
Hook Gap 2 (HG2)	0.047 in	[1.194] mm	
Hook Length 1 (HL1)	0.398 in	[10.109] mm	
Hook Length 2 (HL2)	0.398 in	[10.109] mm	
Total Hook Length (THL)	0.796 in	[20.218] mm	

Spring Rate (K)	0.41043 lbs/in	0.072 N/mm	+/- 0.041
Max Load (ML)	6.214 lbf	27.641 N	+/- 0.621
Max Travel (MT)	13.532 in	343.720 mm	
Initial Tension (IT)	0.660 lbf	2.935 N	
Max Shear Stress Possible (t max)	119850.000 PSI	826336661.566 Pa	
Material Shear Modulus (G)	11492273.149 PSI	79236434106.457 Pa	
Wahl Correction Factor (W)	1.116	1.116	



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

Notes	Scale: 2.320	Revision #:	Drawn By:	Approved By:
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