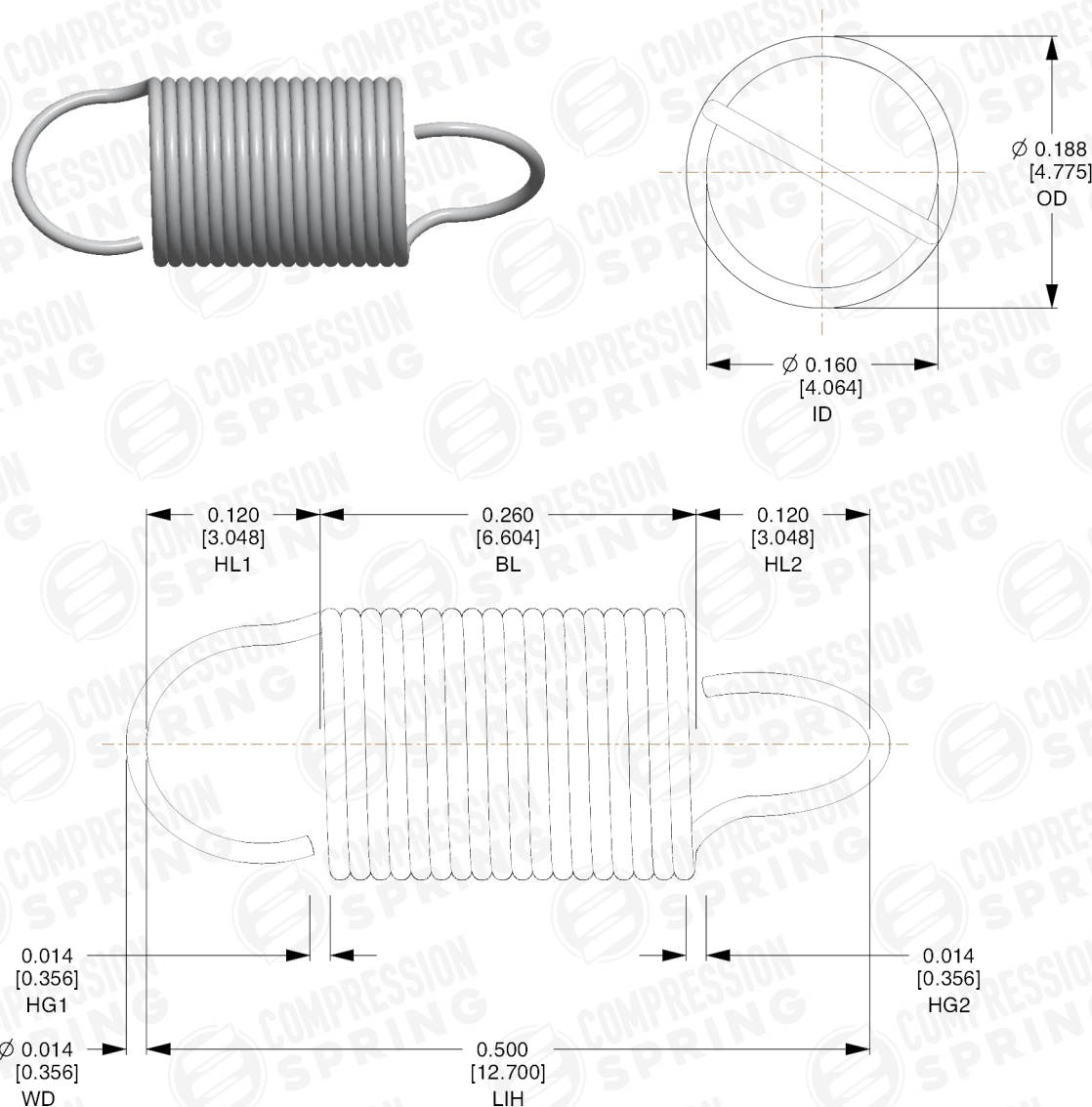


Part Name:	Date: 06/02/2026
Part #: in (Click to see Part # on Website)	PE014-188-17572-SST-0500-MH-N-IN 
Spring Type: Extension Spring	End Type: Machine Hook
Finish: None	Direction of Wind: Right Hand
Material: Stainless 302 ASTM A313	Spring Index (I): 12.429
Weight / M: 0.461 Lbs	Length of W: 10.357 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.014 in	[0.356 mm]	+/- 0.001
Outer Diameter (OD)	0.188 in	[4.775 mm]	+/- 0.005
Mean Diameter (MD)	0.174 in	[4.420 mm]	+/- 0.005
Inner Diameter (ID)	0.160 in	[4.064 mm]	+/- 0.005
Length Inside Hooks (LIH)	0.500 in	[12.700 mm]	+/- 0.015
Body Length (BL)	0.260 in	[6.604 mm]	+/- 0.015
Hook Gap 1 (HG1)	0.014 in	[0.356] mm	
Hook Gap 2 (HG2)	0.014 in	[0.356] mm	
Hook Length 1 (HL1)	0.120 in	[3.048] mm	
Hook Length 2 (HL2)	0.120 in	[3.048] mm	
Total Hook Length (THL)	0.240 in	[6.096] mm	

Spring Rate (K)	0.51614 lbs/in	0.090 N/mm	+/- 0.052
Max Load (ML)	0.668 lbf	2.972 N	+/- 0.067
Max Travel (MT)	1.183 in	30.061 mm	
Initial Tension (IT)	0.057 lbf	0.255 N	
Max Shear Stress Possible (t max)	146640.000 PSI	1011047209.446 Pa	
Material Shear Modulus (G)	9949475.938 PSI	68599221788.087 Pa	
Wahl Correction Factor (W)	1.115	1.115	



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

Notes	Scale: 7.713	Revision #:	Drawn By:	Approved By:
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