



Force that
EMPOWERS

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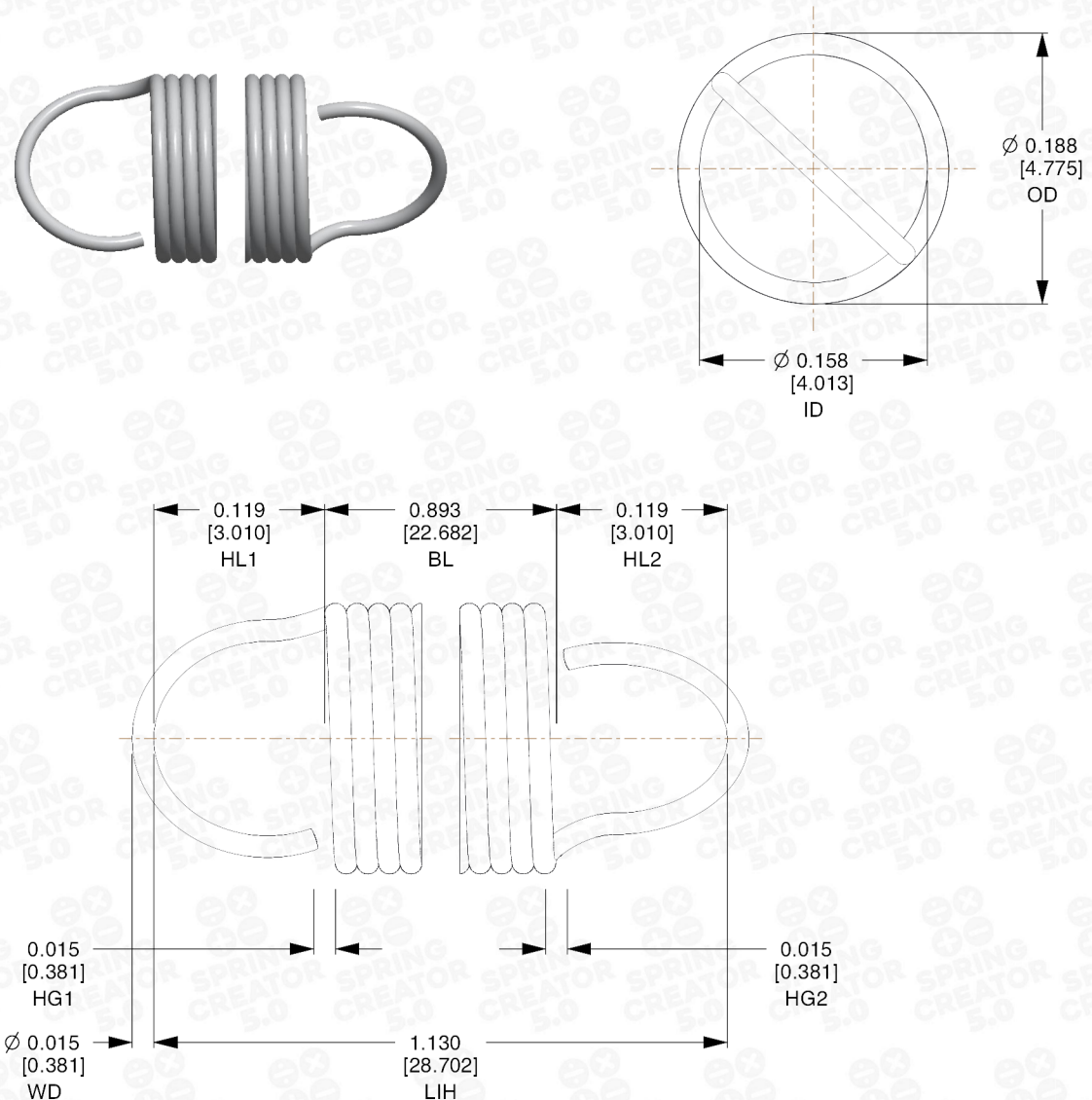
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Part Name:	Date: 06/02/2026
Part #: in (Click to see Part # on Website)	PE015-188-58534-SST-1130-MH-N-IN
Spring Type: Extension Spring	End Type: Machine Hook
Finish: None	Direction of Wind: Right Hand
Material: Stainless 302 ASTM A313	Spring Index (I): 11.533
Weight / M: 1.663 Lbs	Length of W: 32.560 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.015 in	[0.381 mm]	+/- 0.001
Outer Diameter (OD)	0.188 in	[4.775 mm]	+/- 0.005
Mean Diameter (MD)	0.173 in	[4.394 mm]	+/- 0.005
Inner Diameter (ID)	0.158 in	[4.013 mm]	+/- 0.005
Length Inside Hooks (LIH)	1.130 in	[28.702 mm]	+/- 0.050
Body Length (BL)	0.893 in	[22.682 mm]	+/- 0.025
Hook Gap 1 (HG1)	0.015 in	[0.381 mm]	
Hook Gap 2 (HG2)	0.015 in	[0.381 mm]	
Hook Length 1 (HL1)	0.118 in	[2.997 mm]	
Hook Length 2 (HL2)	0.118 in	[2.997 mm]	
Total Hook Length (THL)	0.237 in	[6.020 mm]	

Spring Rate (K)	0.20775 lbs/in	0.036 N/mm	+/- 0.021
Max Load (ML)	0.816 lbf	3.628 N	+/- 0.082
Max Travel (MT)	3.558 in	90.381 mm	
Initial Tension (IT)	0.076 lbf	0.340 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)	1.125	1.125	



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