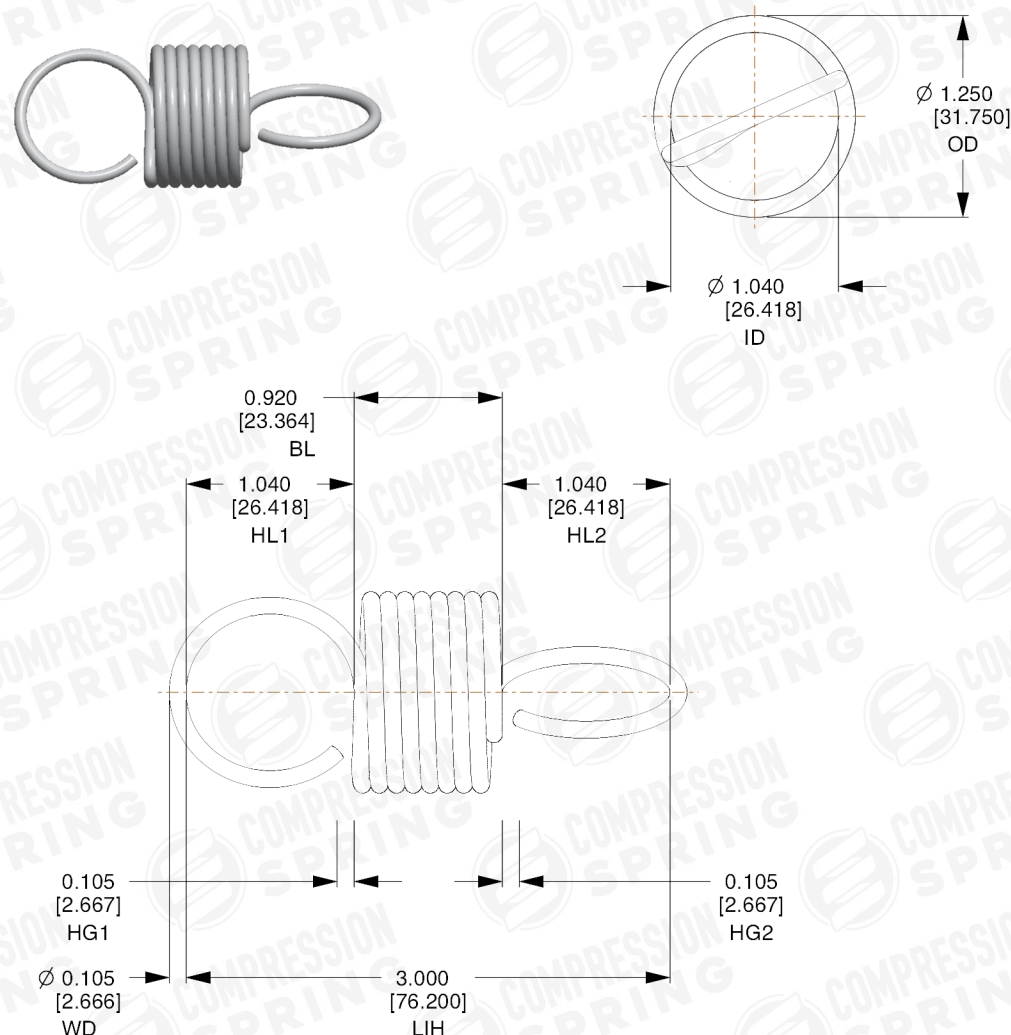


Part Name:	Date: 06/02/2026
Part #: in (Click to see Part # on Website)	PE105-1250-7762-SST-3000-CO-N-IN
Spring Type: Extension Spring	End Type: Cross-Over Hook
Finish: None	Direction of Wind: Right Hand
Material: Stainless 302 ASTM A313	Spring Index (I): 10.905
Weight / M: 93.085 Lbs	Length of W: 37.195 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.105 in	[2.667 mm]	+/- 0.001
Outer Diameter (OD)	1.250 in	[31.750 mm]	+/- 0.025
Mean Diameter (MD)	1.145 in	[29.083 mm]	+/- 0.025
Inner Diameter (ID)	1.040 in	[26.416 mm]	+/- 0.025
Length Inside Hooks (LIH)	3.000 in	[76.200 mm]	+/- 0.100
Body Length (BL)	0.920 in	[23.368 mm]	+/- 0.025
Hook Gap 1 (HG1)	0.105 in	[2.667] mm	
Hook Gap 2 (HG2)	0.105 in	[2.667] mm	
Hook Length 1 (HL1)	1.040 in	[26.416] mm	
Hook Length 2 (HL2)	1.040 in	[26.416] mm	
Total Hook Length (THL)	2.080 in	[52.832] mm	

Spring Rate (K)	12.97426 lbs/in	2.272 N/mm	+/- 1.297
Max Load (ML)	30.593 lbf	136.084 N	+/- 3.059
Max Travel (MT)	2.031 in	51.587 mm	
Initial Tension (IT)	4.242 lbf	18.868 N	
Max Shear Stress Possible (t max)	109040.000 PSI	751804335.229 Pa	
Material Shear Modulus (G)	9949475.938 PSI	68599221788.087 Pa	
Wahl Correction Factor (W)	1.132	1.132	



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

Notes	Scale: 0.840	Revision #:	Drawn By:	Approved By:
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