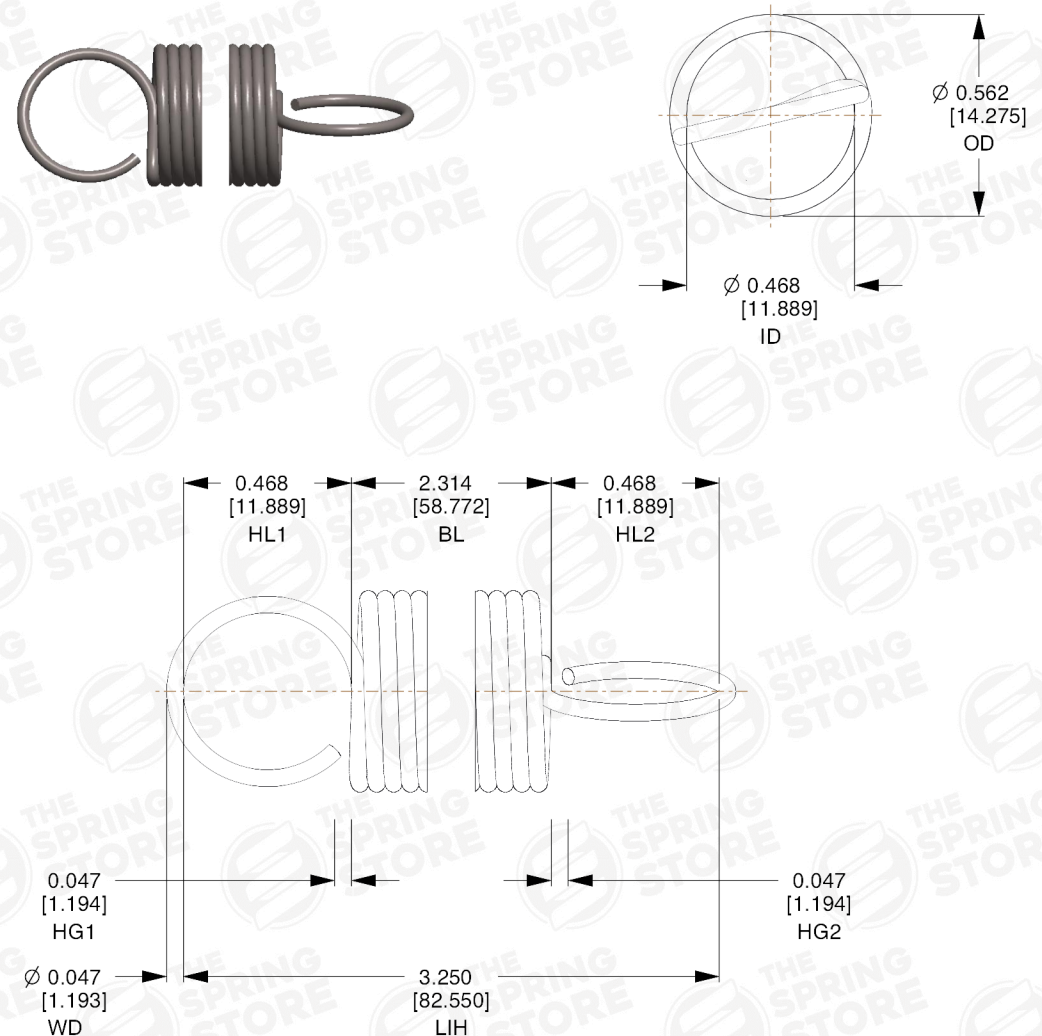


Part Name:	Date: 06/02/2026
Part #: in (Click to see Part # on Website)	PE047-562-48234-HD-3250-CO-N-IN 
Spring Type: Extension Spring	End Type: Cross-Over Hook
Finish: None	Direction of Wind: Right Hand
Material: Hard Drawn ASTM A227	Spring Index (I): 10.957
Weight / M: 41.363 Lbs	Length of W: 82.211 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.047 in	[1.194 mm]	+/- 0.001
Outer Diameter (OD)	0.562 in	[14.275 mm]	+/- 0.015
Mean Diameter (MD)	0.515 in	[13.081 mm]	+/- 0.015
Inner Diameter (ID)	0.468 in	[11.887 mm]	+/- 0.015
Length Inside Hooks (LIH)	3.250 in	[82.550 mm]	+/- 0.100
Body Length (BL)	2.314 in	[58.776 mm]	+/- 0.100
Hook Gap 1 (HG1)	0.047 in	[1.194 mm]	
Hook Gap 2 (HG2)	0.047 in	[1.194 mm]	
Hook Length 1 (HL1)	0.468 in	[11.887 mm]	
Hook Length 2 (HL2)	0.468 in	[11.887 mm]	
Total Hook Length (THL)	0.936 in	[23.774 mm]	

Spring Rate (K)	1.06398 lbs/in	0.186 N/mm	+/- 0.106
Max Load (ML)	6.709 lbf	29.845 N	+/- 0.671
Max Travel (MT)	5.515 in	140.073 mm	
Initial Tension (IT)	0.842 lbf	3.745 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)	1.131	1.131	



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

Notes	Scale: 1.868	Revision #:	Drawn By:	Approved By:
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