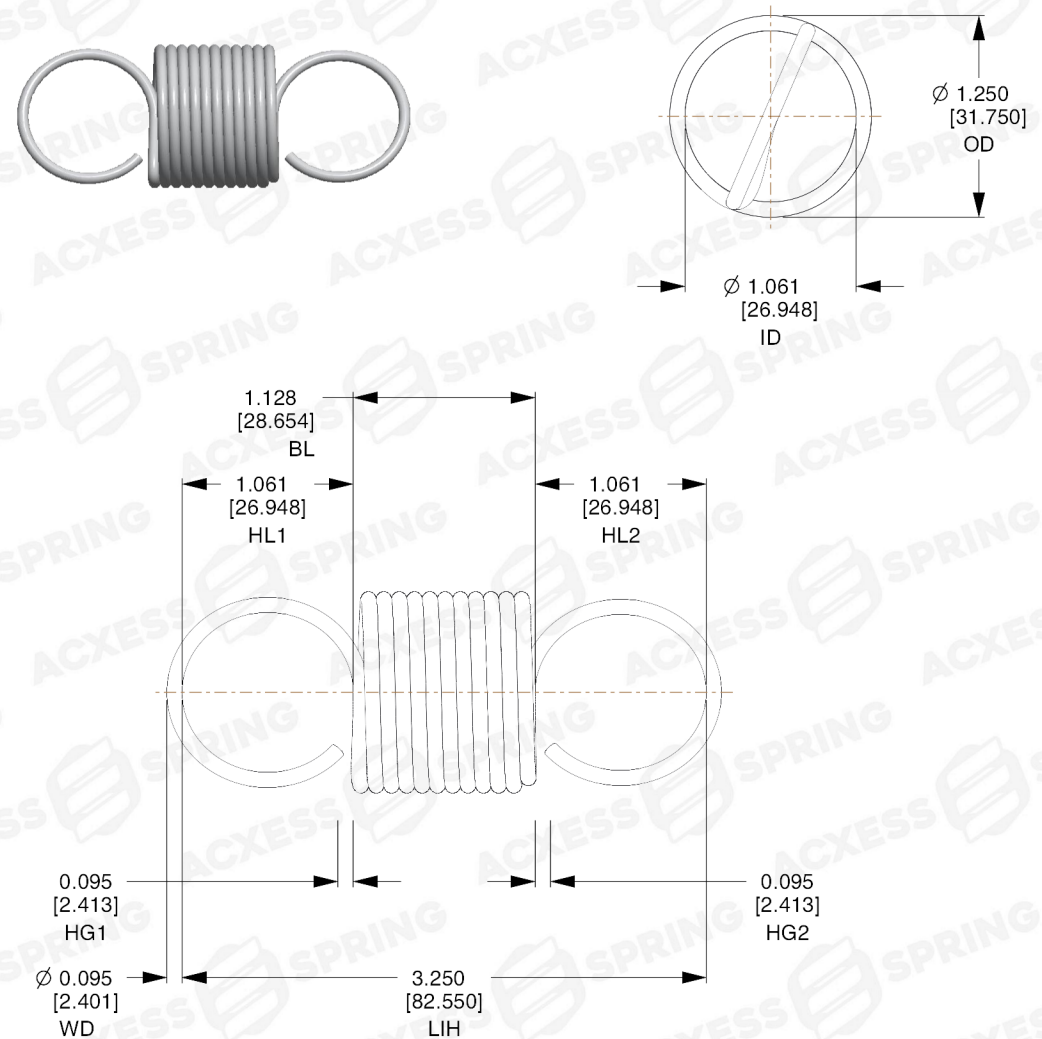


Part Name:	Date: 06/02/2026
Part #: in (Click to see Part # on Website)	PE095-1250-10895-SST-3250-CO-N-IN 🔗
Spring Type: Extension Spring	End Type: Cross-Over Hook
Finish: None	Direction of Wind: Right Hand
Material: Stainless 302 ASTM A313	Spring Index (I): 12.158
Weight / M: 100.198 Lbs	Length of W: 48.910 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.095 in	[2.413 mm]	+/- 0.001
Outer Diameter (OD)	1.250 in	[31.750 mm]	+/- 0.025
Mean Diameter (MD)	1.155 in	[29.337 mm]	+/- 0.025
Inner Diameter (ID)	1.060 in	[26.924 mm]	+/- 0.025
Length Inside Hooks (LIH)	3.250 in	[82.550 mm]	+/- 0.100
Body Length (BL)	1.130 in	[28.702 mm]	+/- 0.050
Hook Gap 1 (HG1)	0.095 in	[2.413] mm	
Hook Gap 2 (HG2)	0.095 in	[2.413] mm	
Hook Length 1 (HL1)	1.060 in	[26.924] mm	
Hook Length 2 (HL2)	1.060 in	[26.924] mm	
Total Hook Length (THL)	2.120 in	[53.848] mm	

Spring Rate (K)	6.03451 lbs/in	1.057 N/mm	+/- 0.603
Max Load (ML)	23.364 lbf	103.930 N	+/- 2.337
Max Travel (MT)	3.414 in	86.728 mm	
Initial Tension (IT)	2.760 lbf	12.275 N	
Max Shear Stress Possible (t max)	111860.000 PSI	771247550.795 Pa	
Material Shear Modulus (G)	9949475.938 PSI	68599221788.087 Pa	
Wahl Correction Factor (W)	1.118	1.118	



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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