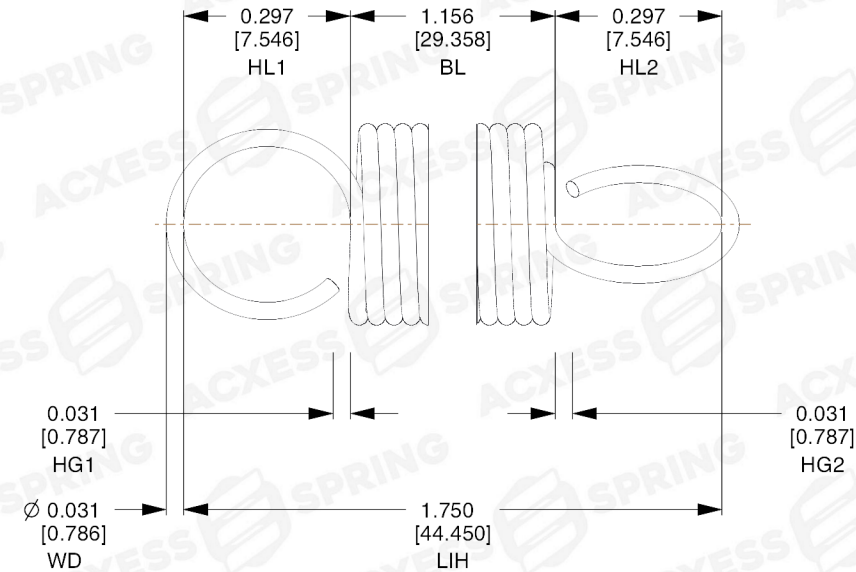
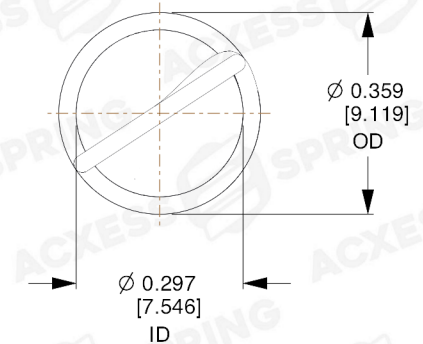
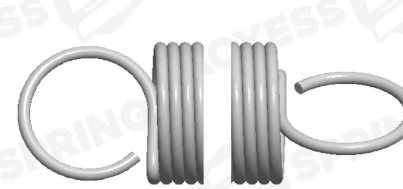


Part Name:	Date: 06/02/2026
Part #: in (Click to see Part # on Website)	PE031-359-36290-SST-1750-CO-N-IN 🔗
Spring Type: Extension Spring	End Type: Cross-Over Hook
Finish: None	Direction of Wind: Right Hand
Material: Stainless 302 ASTM A313	Spring Index (I): 10.581
Weight / M: 8.736 Lbs	Length of W: 40.050 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.031 in	[0.787 mm]	+/- 0.001
Outer Diameter (OD)	0.359 in	[9.119 mm]	+/- 0.008
Mean Diameter (MD)	0.328 in	[8.331 mm]	+/- 0.008
Inner Diameter (ID)	0.297 in	[7.544 mm]	+/- 0.008
Length Inside Hooks (LIH)	1.750 in	[44.450 mm]	+/- 0.050
Body Length (BL)	1.156 in	[29.362 mm]	+/- 0.050
Hook Gap 1 (HG1)	0.031 in	[0.787] mm	
Hook Gap 2 (HG2)	0.031 in	[0.787] mm	
Hook Length 1 (HL1)	0.297 in	[7.544] mm	
Hook Length 2 (HL2)	0.297 in	[7.544] mm	
Total Hook Length (THL)	0.594 in	[15.088] mm	

Spring Rate (K)	0.89690 lbs/in	0.157 N/mm	+/- 0.090
Max Load (ML)	3.362 lbf	14.955 N	+/- 0.336
Max Travel (MT)	3.311 in	84.107 mm	
Initial Tension (IT)	0.392 lbf	1.745 N	
Max Shear Stress Possible (t max)	133950.000 PSI	923552739.397 Pa	
Material Shear Modulus (G)	9949475.938 PSI	68599221788.087 Pa	
Wahl Correction Factor (W)	1.136	1.136	



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

Notes	Scale: 2.925	Revision #:	Drawn By:	Approved By:
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