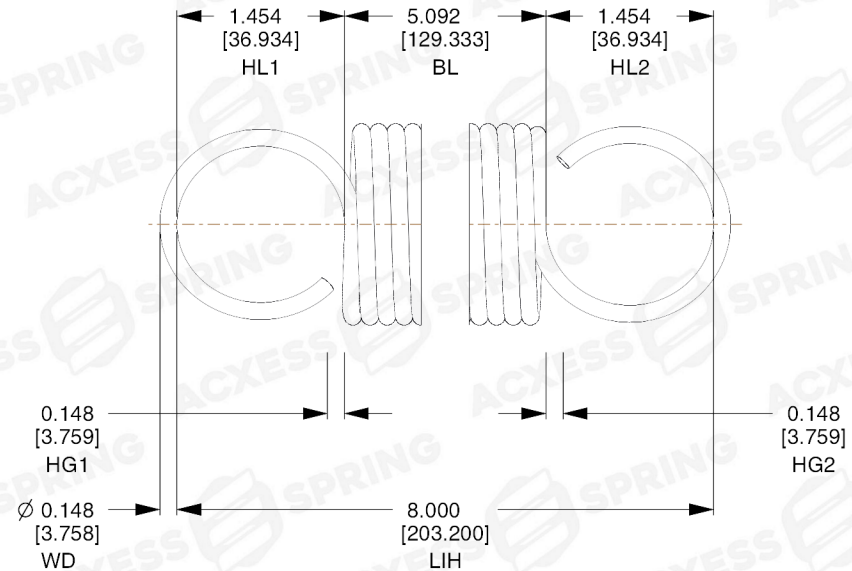
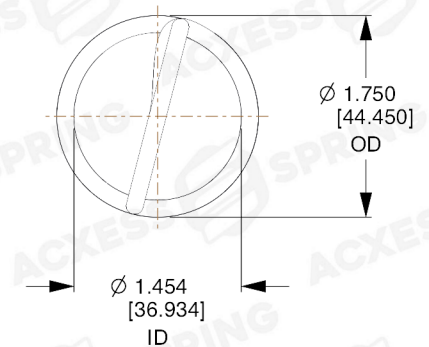


Part Name:	Date: 06/02/2026
Part #: in PE148-1750-33405-MW-8000-CO-N-IN	
Spring Type: Extension Spring	End Type: Cross-Over Hook
Finish: None	Direction of Wind: Right Hand
Material: Music Wire ASTM A228	Spring Index (I): 10.824
Weight / M: 885.227 Lbs	Length of W: 181.095 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.148 in	[3.759 mm]	+/- 0.001
Outer Diameter (OD)	1.750 in	[44.450 mm]	+/- 0.040
Mean Diameter (MD)	1.602 in	[40.691 mm]	+/- 0.040
Inner Diameter (ID)	1.454 in	[36.932 mm]	+/- 0.040
Length Inside Hooks (LIH)	8.000 in	[203.200 mm]	+/- 0.200
Body Length (BL)	5.092 in	[129.337 mm]	+/- 0.200
Hook Gap 1 (HG1)	0.148 in	[3.759] mm	
Hook Gap 2 (HG2)	0.148 in	[3.759] mm	
Hook Length 1 (HL1)	1.454 in	[36.932] mm	
Hook Length 2 (HL2)	1.454 in	[36.932] mm	
Total Hook Length (THL)	2.908 in	[73.863] mm	

Spring Rate (K)	5.01863 lbs/in	0.879 N/mm	+/- 0.502
Max Load (ML)	66.971 lbf	297.901 N	+/- 6.697
Max Travel (MT)	11.640 in	295.669 mm	
Initial Tension (IT)	8.552 lbf	38.040 N	
Max Shear Stress Possible (t max)	119380.000 PSI	823096125.638 Pa	
Material Shear Modulus (G)	11492970.929 PSI	79241245134.131 Pa	
Wahl Correction Factor (W)	1.133	1.133	



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

Notes	Scale: 0.600	Revision #:	Drawn By:	Approved By:
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