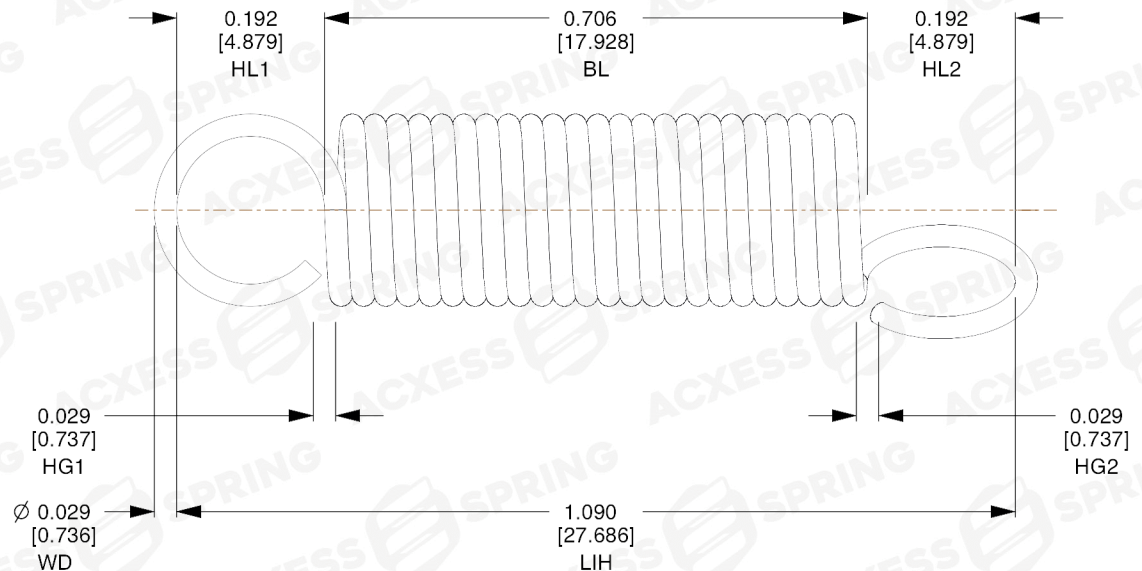
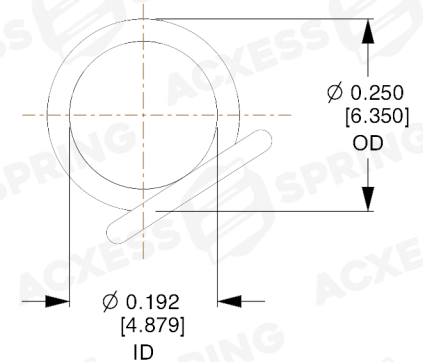


Part Name:	Date: 06/02/2026
Part #: in (Click to see Part # on Website)	PE029-250-23345-MW-1090-SH-N-IN 
Spring Type: Extension Spring	End Type: Side Hook
Finish: None	Direction of Wind: Right Hand
Material: Music Wire ASTM A228	Spring Index (I): 7.621
Weight / M: 3.375 Lbs	Length of W: 17.981 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.029 in	[0.737 mm]	+/- 0.001
Outer Diameter (OD)	0.250 in	[6.350 mm]	+/- 0.005
Mean Diameter (MD)	0.221 in	[5.613 mm]	+/- 0.005
Inner Diameter (ID)	0.192 in	[4.877 mm]	+/- 0.005
Length Inside Hooks (LIH)	1.090 in	[27.686 mm]	+/- 0.050
Body Length (BL)	0.706 in	[17.932 mm]	+/- 0.025
Hook Gap 1 (HG1)	0.029 in	[0.737] mm	
Hook Gap 2 (HG2)	0.029 in	[0.737] mm	
Hook Length 1 (HL1)	0.192 in	[4.877] mm	
Hook Length 2 (HL2)	0.192 in	[4.877] mm	
Total Hook Length (THL)	0.384 in	[9.754] mm	

Spring Rate (K)	4.03243 lbs/in	0.706 N/mm	+/- 0.403
Max Load (ML)	4.503 lbf	20.031 N	+/- 0.450
Max Travel (MT)	0.954 in	24.221 mm	
Initial Tension (IT)	0.658 lbf	2.926 N	
Max Shear Stress Possible (t max)	156510.000 PSI	1079098463.927 Pa	
Material Shear Modulus (G)	11492970.929 PSI	79241245134.131 Pa	
Wahl Correction Factor (W)	1.194	1.194	



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

Notes	Scale: 4.007	Revision #:	Drawn By:	Approved By:
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