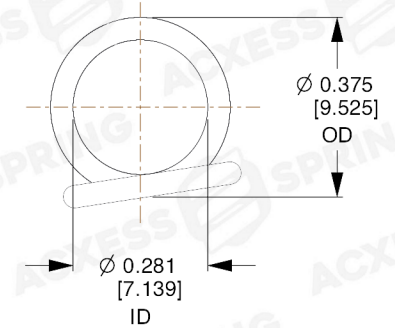
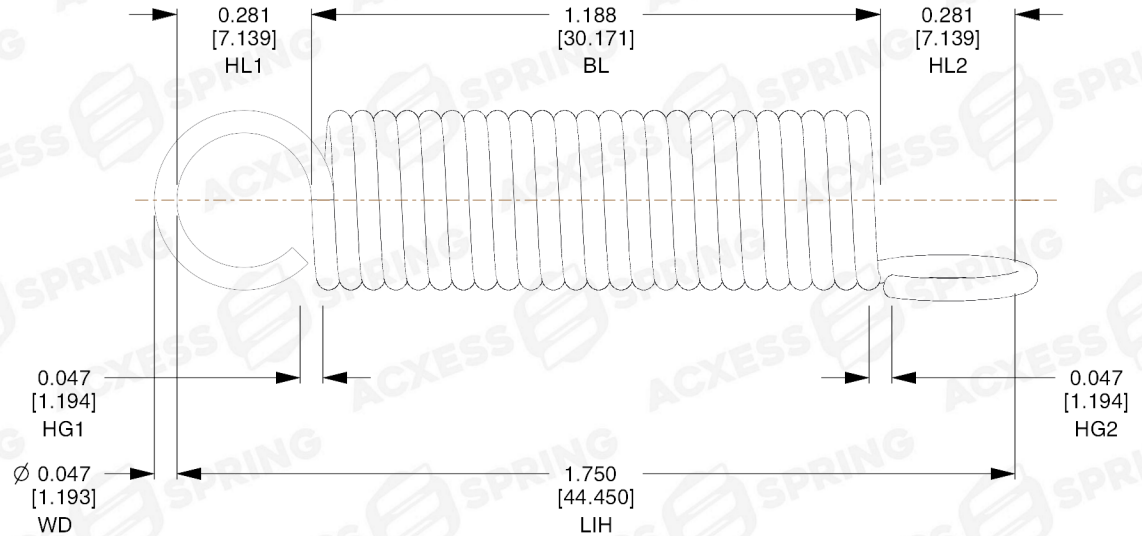


Part Name:	Date: 06/02/2026
Part #: in (Click to see Part # on Website)	PE047-375-24277-MW-1750-SH-N-IN ↗
Spring Type: Extension Spring	End Type: Side Hook
Finish: None	Direction of Wind: Right Hand
Material: Music Wire ASTM A228	Spring Index (I): 6.979
Weight / M: 13.625 Lbs	Length of W: 27.639 in



Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.047 in	[1.194 mm]	+/- 0.001
Outer Diameter (OD)	0.375 in	[9.525 mm]	+/- 0.008
Mean Diameter (MD)	0.328 in	[8.331 mm]	+/- 0.008
Inner Diameter (ID)	0.281 in	[7.137 mm]	+/- 0.008
Length Inside Hooks (LIH)	1.750 in	[44.450 mm]	+/- 0.050
Body Length (BL)	1.188 in	[30.175 mm]	+/- 0.050
Hook Gap 1 (HG1)	0.047 in	[1.194 mm]	
Hook Gap 2 (HG2)	0.047 in	[1.194 mm]	
Hook Length 1 (HL1)	0.281 in	[7.137 mm]	
Hook Length 2 (HL2)	0.281 in	[7.137 mm]	
Total Hook Length (THL)	0.562 in	[14.275 mm]	

Spring Rate (K)	8.18322 lbs/in	1.433 N/mm	+/- 0.818
Max Load (ML)	11.740 lbf	52.223 N	+/- 1.174
Max Travel (MT)	1.188 in	30.175 mm	
Initial Tension (IT)	2.018 lbf	8.978 N	
Max Shear Stress Possible (t max)	145230.000 PSI	1001325601.662 Pa	
Material Shear Modulus (G)	11492970.929 PSI	79241245134.131 Pa	
Wahl Correction Factor (W)	1.214	1.214	



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

Notes	Scale: 2.495	Revision #:	Drawn By:	Approved By:
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