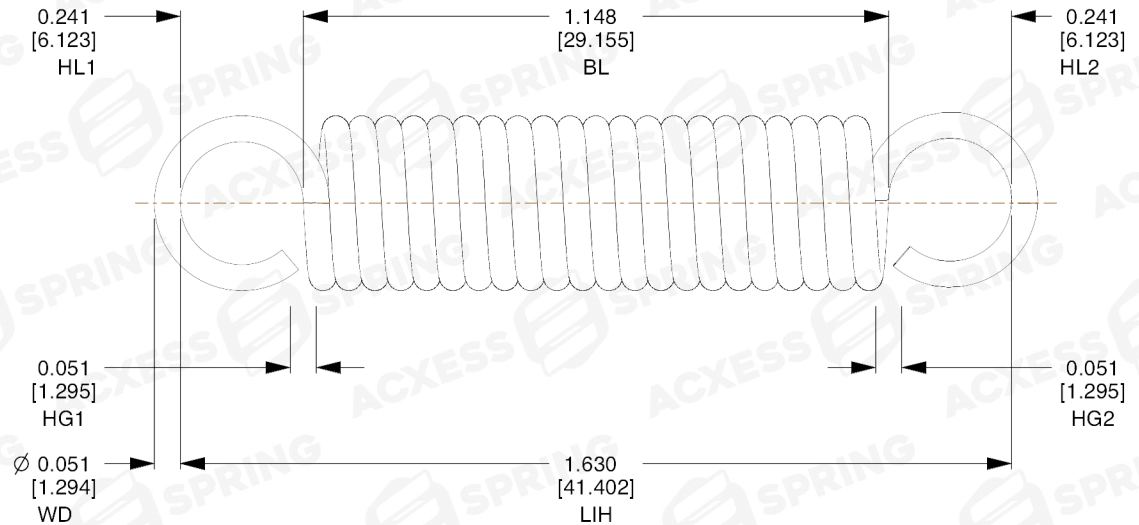
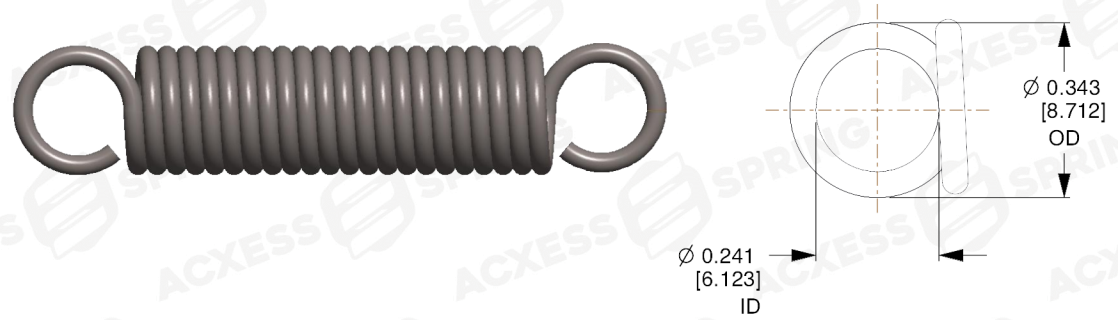


Part Name:	Date: 06/02/2026
Part #: in (Click to see Part # on Website)	PE051-343-21510-MW-1630-SH-N-IN 
Spring Type: Extension Spring	End Type: Side Hook
Finish: None	Direction of Wind: Right Hand
Material: Music Wire ASTM A228	Spring Index (I): 5.725
Weight / M: 12.798 Lbs	Length of W: 22.049 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.051 in	[1.295 mm]	+/- 0.001
Outer Diameter (OD)	0.343 in	[8.712 mm]	+/- 0.008
Mean Diameter (MD)	0.292 in	[7.417 mm]	+/- 0.008
Inner Diameter (ID)	0.241 in	[6.121 mm]	+/- 0.008
Length Inside Hooks (LIH)	1.630 in	[41.402 mm]	+/- 0.050
Body Length (BL)	1.148 in	[29.159 mm]	+/- 0.050
Hook Gap 1 (HG1)	0.051 in	[1.295] mm	
Hook Gap 2 (HG2)	0.051 in	[1.295] mm	
Hook Length 1 (HL1)	0.241 in	[6.121] mm	
Hook Length 2 (HL2)	0.241 in	[6.121] mm	
Total Hook Length (THL)	0.482 in	[12.243] mm	

Spring Rate (K)	18.14839 lbs/in	3.178 N/mm	+/- 1.815
Max Load (ML)	15.742 lbf	70.026 N	+/- 1.574
Max Travel (MT)	0.682 in	17.335 mm	
Initial Tension (IT)	3.356 lbf	14.928 N	
Max Shear Stress Possible (t max)	143820.000 PSI	991603993.879 Pa	
Material Shear Modulus (G)	11492970.929 PSI	79241245134.131 Pa	
Wahl Correction Factor (W)	1.266	1.266	



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

Notes	Scale: 2.656	Revision #:	Drawn By:	Approved By:
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