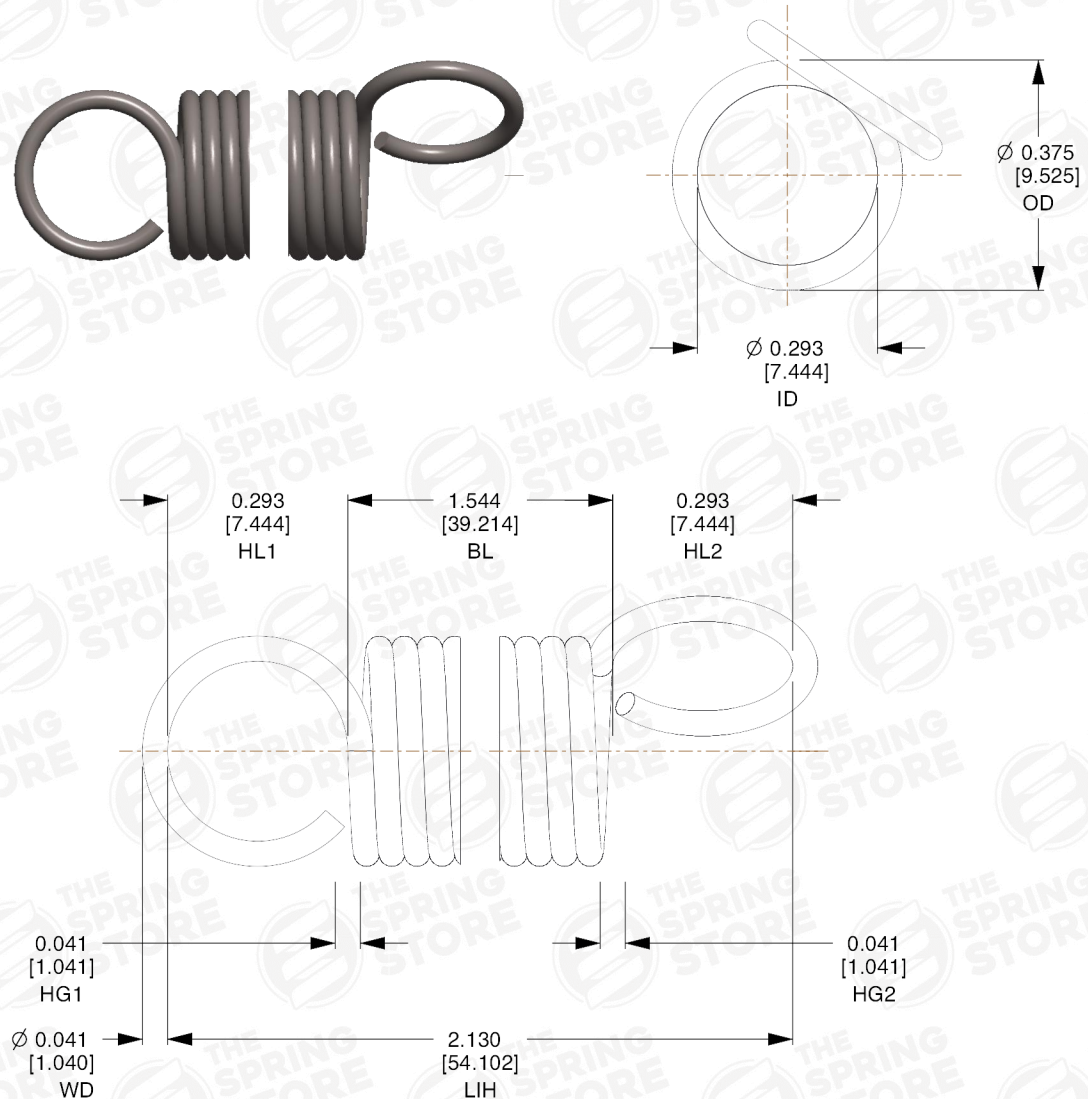


Part Name:	Date: 06/02/2026
Part #: in (Click to see Part # on Website)	PE041-375-36659-MW-2130-SH-N-IN 
Spring Type: Extension Spring	End Type: Side Hook
Finish: None	Direction of Wind: Right Hand
Material: Music Wire ASTM A228	Spring Index (I): 8.146
Weight / M: 15.437 Lbs	Length of W: 41.151 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.041 in	[1.041 mm]	+/- 0.001
Outer Diameter (OD)	0.375 in	[9.525 mm]	+/- 0.008
Mean Diameter (MD)	0.334 in	[8.484 mm]	+/- 0.008
Inner Diameter (ID)	0.293 in	[7.442 mm]	+/- 0.008
Length Inside Hooks (LIH)	2.130 in	[54.102 mm]	+/- 0.100
Body Length (BL)	1.544 in	[39.218 mm]	+/- 0.050
Hook Gap 1 (HG1)	0.041 in	[1.041 mm]	
Hook Gap 2 (HG2)	0.041 in	[1.041 mm]	
Hook Length 1 (HL1)	0.293 in	[7.442 mm]	
Hook Length 2 (HL2)	0.293 in	[7.442 mm]	
Total Hook Length (THL)	0.586 in	[14.884 mm]	

Spring Rate (K)	2.97210 lbs/in	0.520 N/mm	+/- 0.297
Max Load (ML)	8.078 lbf	35.931 N	+/- 0.808
Max Travel (MT)	2.330 in	59.179 mm	
Initial Tension (IT)	1.153 lbf	5.128 N	
Max Shear Stress Possible (t max)	148050.000 PSI	1020768817.229 Pa	
Material Shear Modulus (G)	11492970.929 PSI	79241245134.131 Pa	
Wahl Correction Factor (W)	1.180	1.180	



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

Notes	Scale: 3.200	Revision #:	Drawn By:	Approved By:
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