



Force that
EMPOWERS

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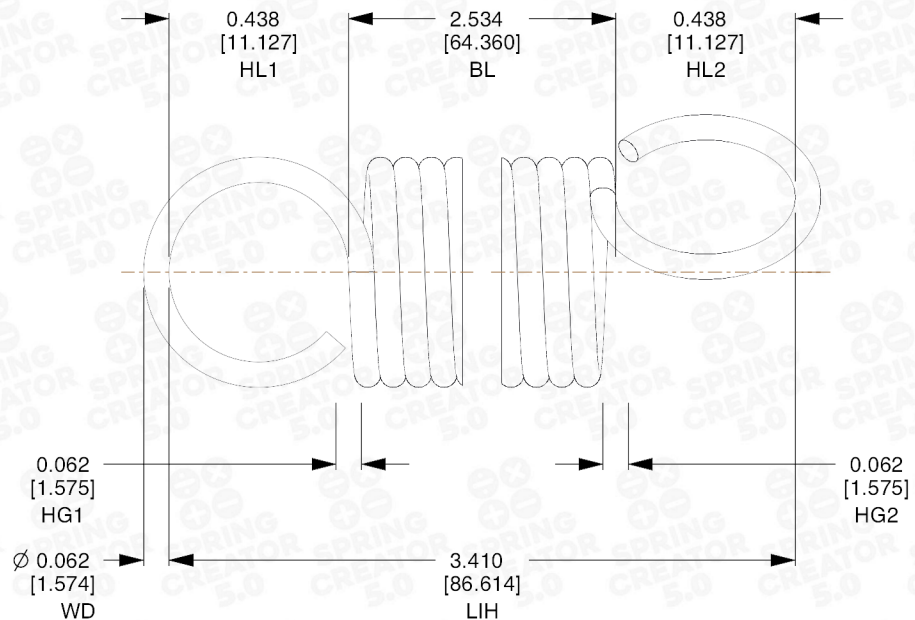
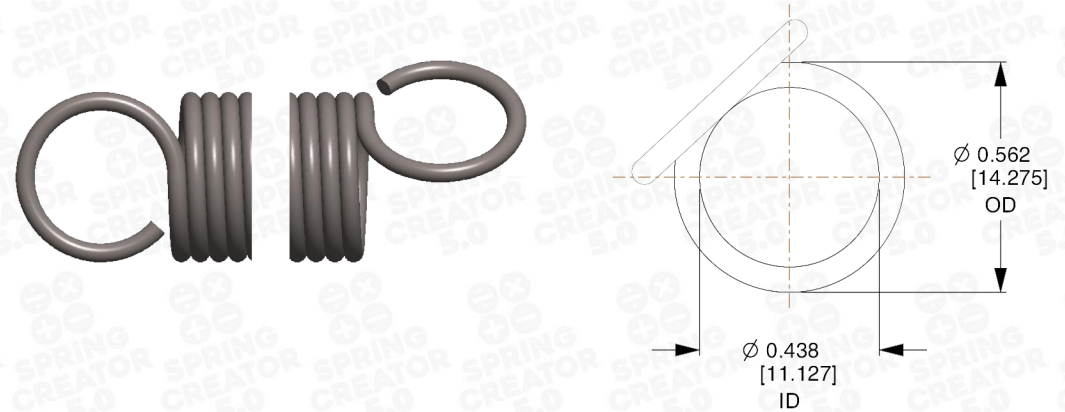
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Part Name:	Date: 06/02/2026
Part #: in (Click to see Part # on Website)	PE062-562-39871-MW-3410-SH-N-IN Link
Spring Type: Extension Spring	End Type: Side Hook
Finish: None	Direction of Wind: Right Hand
Material: Music Wire ASTM A228	Spring Index (I): 8.065
Weight / M: 57.172 Lbs	Length of W: 66.647 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.062 in	[1.575 mm]	+/- 0.001
Outer Diameter (OD)	0.562 in	[14.275 mm]	+/- 0.015
Mean Diameter (MD)	0.500 in	[12.700 mm]	+/- 0.015
Inner Diameter (ID)	0.438 in	[11.125 mm]	+/- 0.015
Length Inside Hooks (LIH)	3.410 in	[86.614 mm]	+/- 0.100
Body Length (BL)	2.534 in	[64.364 mm]	+/- 0.100
Hook Gap 1 (HG1)	0.062 in	[1.575] mm	
Hook Gap 2 (HG2)	0.062 in	[1.575] mm	
Hook Length 1 (HL1)	0.438 in	[11.125] mm	
Hook Length 2 (HL2)	0.438 in	[11.125] mm	
Total Hook Length (THL)	0.876 in	[22.250] mm	

Spring Rate (K)	4.25934 lbs/in	0.746 N/mm	+/- 0.426
Max Load (ML)	17.498 lbf	77.834 N	+/- 1.750
Max Travel (MT)	3.476 in	88.301 mm	
Initial Tension (IT)	2.690 lbf	11.967 N	
Max Shear Stress Possible (t max)	139120.000 PSI	959198634.602 Pa	
Material Shear Modulus (G)	11492970.929 PSI	79241245134.131 Pa	
Wahl Correction Factor (W)	1.182	1.182	



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

Notes	Scale: 2.135	Revision #:	Drawn By:	Approved By:
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