



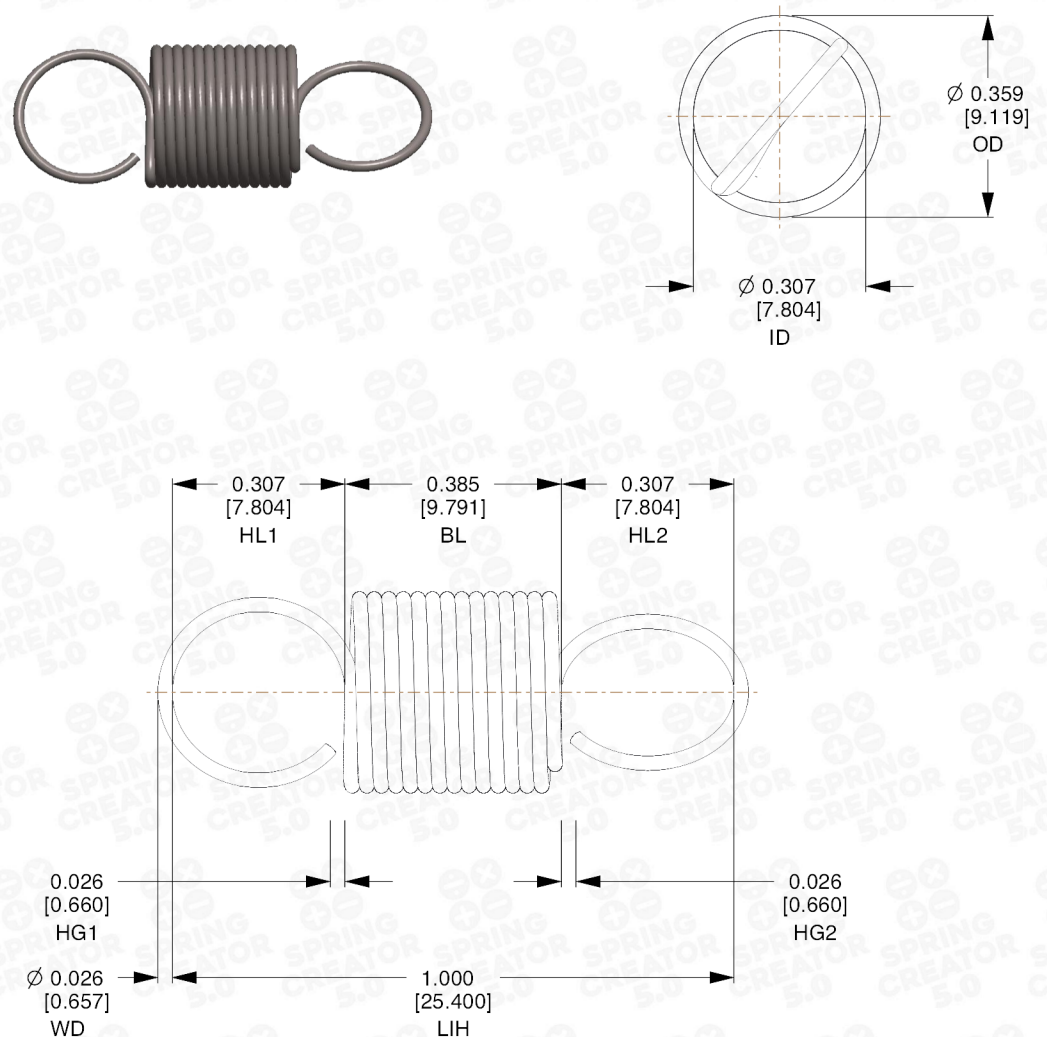
Force that
EMPOWERS

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Part Name:	Date: 06/02/2026
Part #: in (Click to see Part # on Website)	PE026-359-13846-MW-1000-CO-N-IN
Spring Type: Extension Spring	End Type: Cross-Over Hook
Finish: None	Direction of Wind: Right Hand
Material: Music Wire ASTM A228	Spring Index (I): 12.808
Weight / M: 2.594 Lbs	Length of W: 17.191 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.026 in	[0.660 mm]	+/- 0.001
Outer Diameter (OD)	0.359 in	[9.119 mm]	+/- 0.008
Mean Diameter (MD)	0.333 in	[8.458 mm]	+/- 0.008
Inner Diameter (ID)	0.307 in	[7.798 mm]	+/- 0.008
Length Inside Hooks (LIH)	1.000 in	[25.400 mm]	+/- 0.025
Body Length (BL)	0.386 in	[9.804 mm]	+/- 0.015
Hook Gap 1 (HG1)	0.026 in	[0.660] mm	
Hook Gap 2 (HG2)	0.026 in	[0.660] mm	
Hook Length 1 (HL1)	0.307 in	[7.798] mm	
Hook Length 2 (HL2)	0.307 in	[7.798] mm	
Total Hook Length (THL)	0.614 in	[15.596] mm	

Spring Rate (K)	1.28403 lbs/in	0.225 N/mm	+/- 0.128
Max Load (ML)	2.395 lbf	10.652 N	+/- 0.239
Max Travel (MT)	1.721 in	43.711 mm	
Initial Tension (IT)	0.185 lbf	0.823 N	
Max Shear Stress Possible (t max)	160270.000 PSI	1105022751.349 Pa	
Material Shear Modulus (G)	11492970.929 PSI	79241245134.131 Pa	
Wahl Correction Factor (W)	1.112	1.112	



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

Notes	Scale: 2.925	Revision #:	Drawn By:	Approved By:
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