



Force that
EMPOWERS

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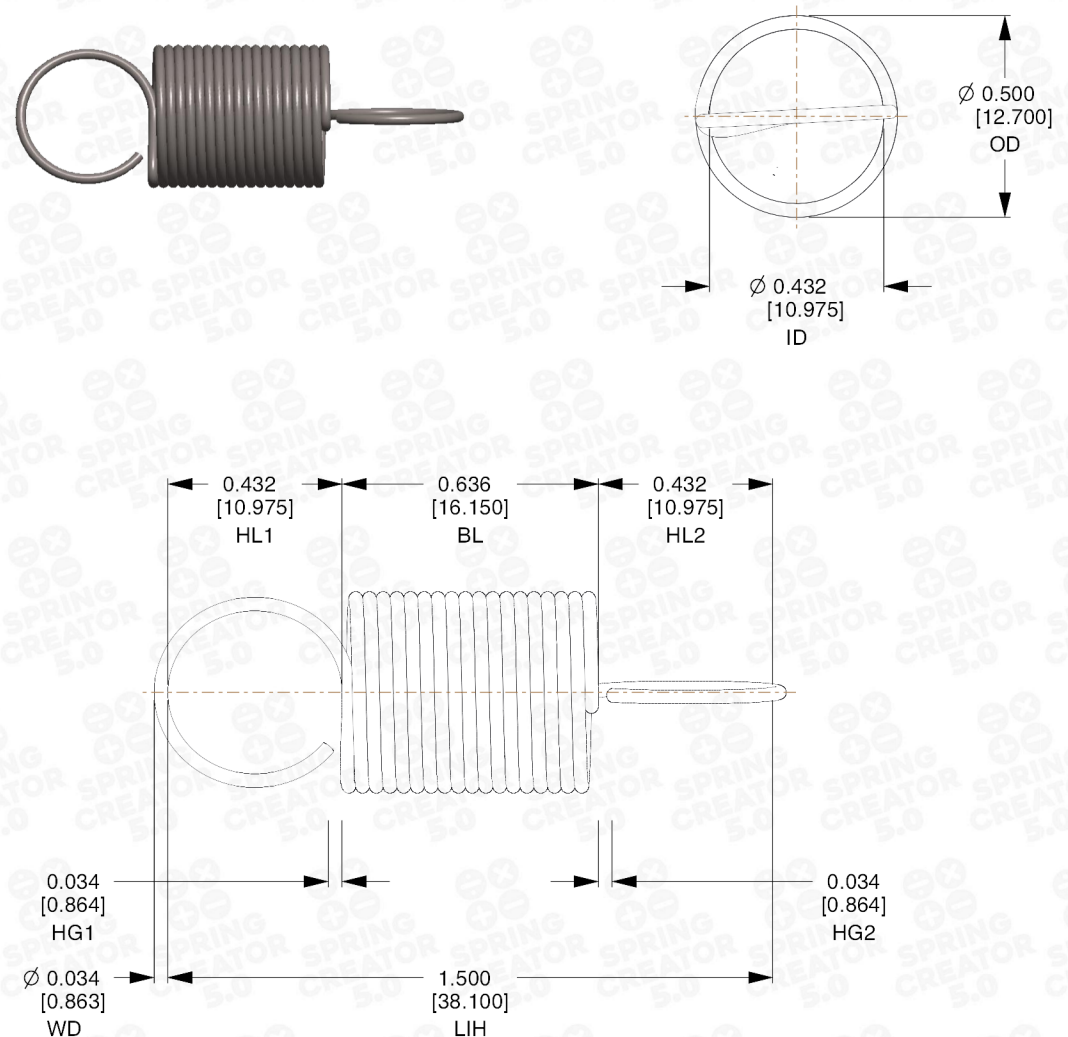
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Part Name:	Date: 06/02/2026
Part #: in (Click to see Part # on Website)	PE034-500-17706-MW-1500-CO-N-IN
Spring Type: Extension Spring	End Type: Cross-Over Hook
Finish: None	Direction of Wind: Right Hand
Material: Music Wire ASTM A228	Spring Index (I): 13.706
Weight / M: 7.665 Lbs	Length of W: 29.713 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.034 in	[0.864 mm]	+/- 0.001
Outer Diameter (OD)	0.500 in	[12.700 mm]	+/- 0.008
Mean Diameter (MD)	0.466 in	[11.836 mm]	+/- 0.008
Inner Diameter (ID)	0.432 in	[10.973 mm]	+/- 0.008
Length Inside Hooks (LIH)	1.500 in	[38.100 mm]	+/- 0.050
Body Length (BL)	0.636 in	[16.154 mm]	+/- 0.025
Hook Gap 1 (HG1)	0.034 in	[0.864] mm	
Hook Gap 2 (HG2)	0.034 in	[0.864] mm	
Hook Length 1 (HL1)	0.432 in	[10.973] mm	
Hook Length 2 (HL2)	0.432 in	[10.973] mm	
Total Hook Length (THL)	0.864 in	[21.946] mm	

Spring Rate (K)	1.07148 lbs/in	0.188 N/mm	+/- 0.107
Max Load (ML)	3.696 lbf	16.442 N	+/- 0.370
Max Travel (MT)	3.200 in	81.293 mm	
Initial Tension (IT)	0.267 lbf	1.188 N	
Max Shear Stress Possible (t max)	153690.000 PSI	1059655248.361 Pa	
Material Shear Modulus (G)	11492970.929 PSI	79241245134.131 Pa	
Wahl Correction Factor (W)	1.104	1.104	



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

Notes	Scale: 2.100	Revision #:	Drawn By:	Approved By:
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