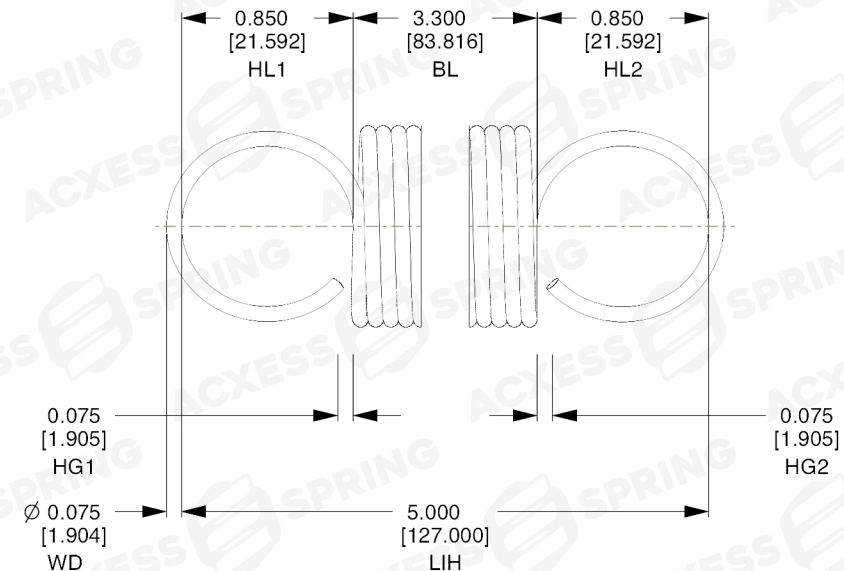
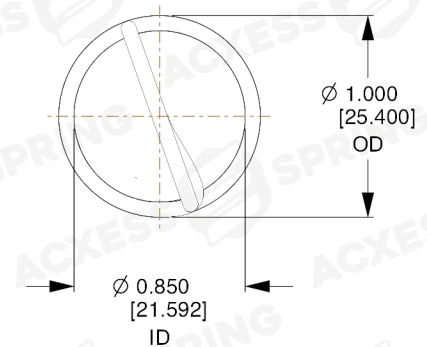


Part Name:	Date: 06/02/2026
Part #: in (Click to see Part # on Website)	PE075-1000-43000-MW-5000-CO-N-IN 
Spring Type: Extension Spring	End Type: Cross-Over Hook
Finish: None	Direction of Wind: Right Hand
Material: Music Wire ASTM A228	Spring Index (I): 12.333
Weight / M: 166.288 Lbs	Length of W: 132.469 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.075 in	[1.905 mm]	+/- 0.001
Outer Diameter (OD)	1.000 in	[25.400 mm]	+/- 0.020
Mean Diameter (MD)	0.925 in	[23.495 mm]	+/- 0.020
Inner Diameter (ID)	0.850 in	[21.590 mm]	+/- 0.020
Length Inside Hooks (LIH)	5.000 in	[127.000 mm]	+/- 0.200
Body Length (BL)	3.300 in	[83.820 mm]	+/- 0.100
Hook Gap 1 (HG1)	0.075 in	[1.905] mm	
Hook Gap 2 (HG2)	0.075 in	[1.905] mm	
Hook Length 1 (HL1)	0.850 in	[21.590] mm	
Hook Length 2 (HL2)	0.850 in	[21.590] mm	
Total Hook Length (THL)	1.700 in	[43.180] mm	

Spring Rate (K)	1.33565 lbs/in	0.234 N/mm	+/- 0.134
Max Load (ML)	17.340 lbf	77.132 N	+/- 1.734
Max Travel (MT)	11.732 in	297.988 mm	
Initial Tension (IT)	1.670 lbf	7.430 N	
Max Shear Stress Possible (t max)	134890.000 PSI	930033811.253 Pa	
Material Shear Modulus (G)	11492970.929 PSI	79241245134.131 Pa	
Wahl Correction Factor (W)	1.116	1.116	



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

Notes	Scale: 1.050	Revision #:	Drawn By:	Approved By:
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