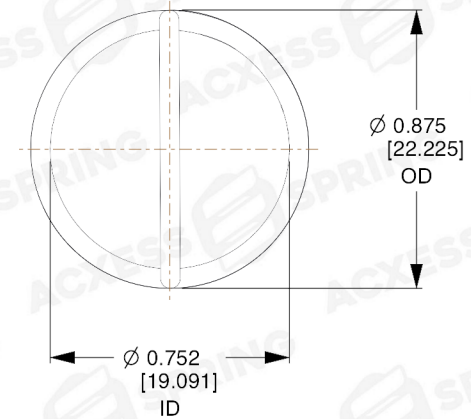
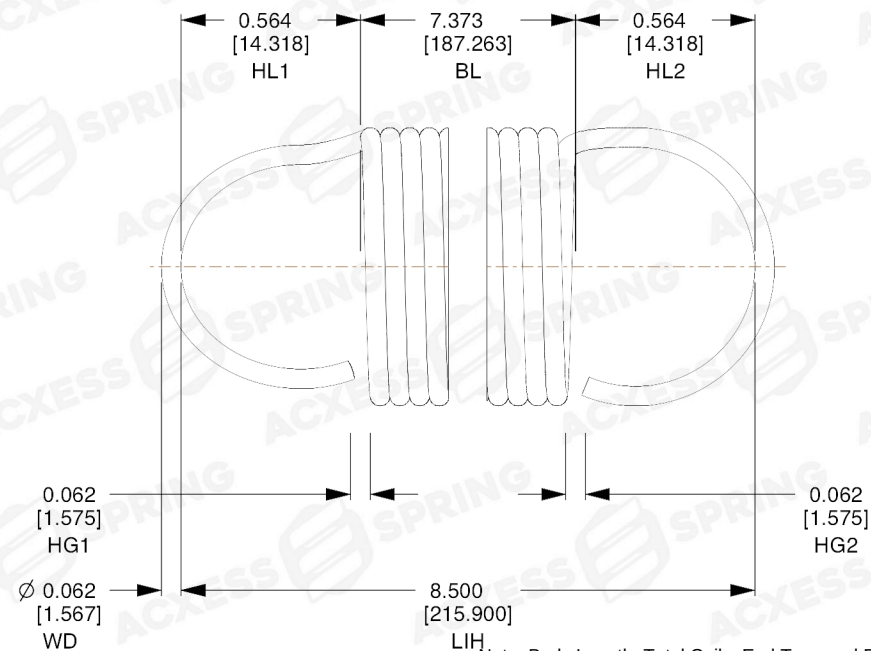


Part Name:	Date: 06/02/2026
Part #: in (Click to see Part # on Website)	PE062-875-117928-HD-8500-MH-N-IN 
Spring Type: Extension Spring	End Type: Machine Hook
Finish: None	Direction of Wind: Right Hand
Material: Hard Drawn ASTM A227	Spring Index (I): 13.113
Weight / M: 266.786 Lbs	Length of W: 304.714 in



Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.062 in	[1.575 mm]	+/- 0.001
Outer Diameter (OD)	0.875 in	[22.225 mm]	+/- 0.020
Mean Diameter (MD)	0.813 in	[20.650 mm]	+/- 0.020
Inner Diameter (ID)	0.751 in	[19.075 mm]	+/- 0.020
Length Inside Hooks (LIH)	8.500 in	[215.900 mm]	+/- 0.300
Body Length (BL)	7.373 in	[187.274 mm]	+/- 0.200
Hook Gap 1 (HG1)	0.062 in	[1.575] mm	
Hook Gap 2 (HG2)	0.062 in	[1.575] mm	
Hook Length 1 (HL1)	0.563 in	[14.300] mm	
Hook Length 2 (HL2)	0.563 in	[14.300] mm	
Total Hook Length (THL)	1.127 in	[28.626] mm	

Spring Rate (K)	0.33499 lbs/in	0.059 N/mm	+/- 0.034
Max Load (ML)	9.477 lbf	42.158 N	+/- 0.948
Max Travel (MT)	25.296 in	642.526 mm	
Initial Tension (IT)	1.004 lbf	4.464 N	
Max Shear Stress Possible (t max)	111390.000 PSI	768007014.867 Pa	
Material Shear Modulus (G)	11492273.149 PSI	79236434106.457 Pa	
Wahl Correction Factor (W)	1.109	1.109	



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

Notes	Scale: 1.657	Revision #:	Drawn By:	Approved By:
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