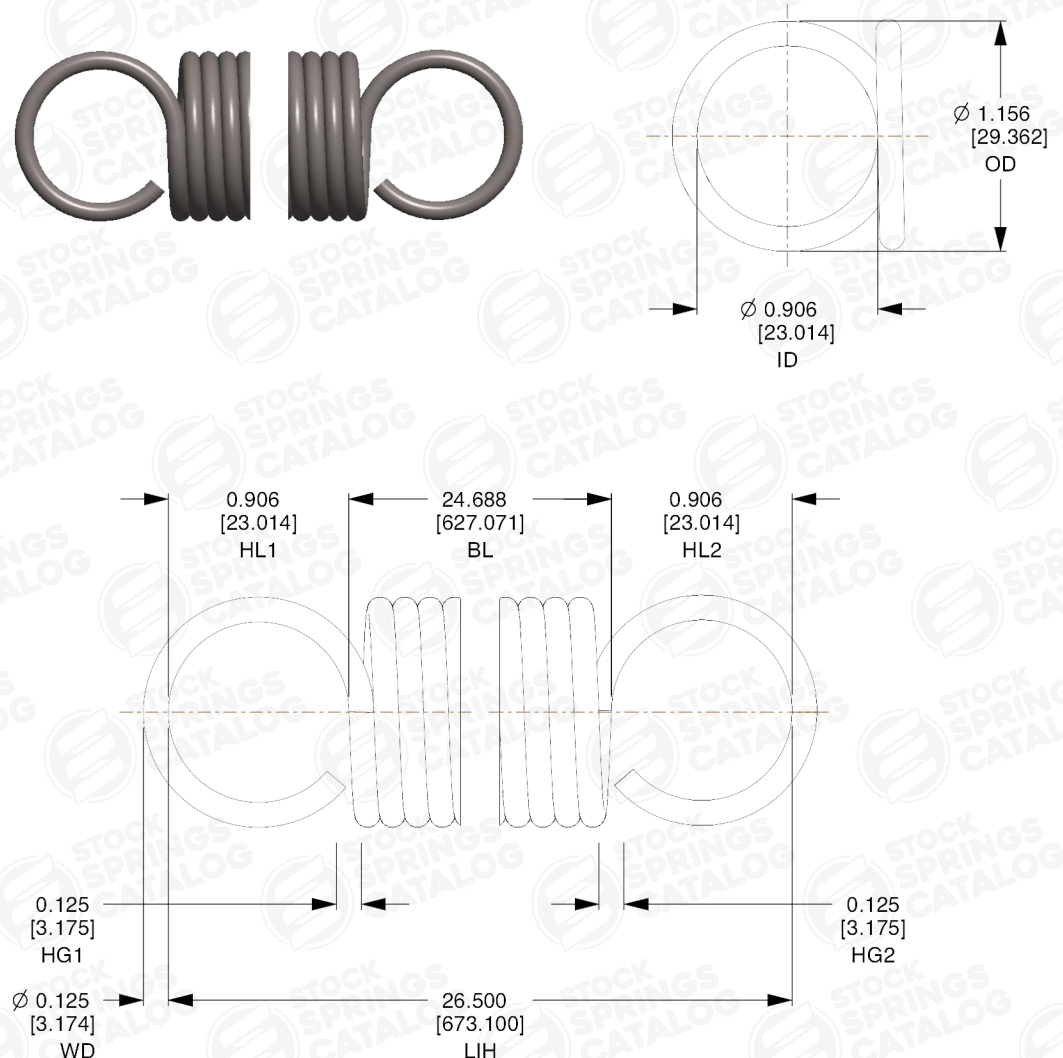


Part Name:	Date: 06/02/2026
Part #: in (Click to see Part # on Website)	PE125-1156-196504-MW-26500-SH-N-IN 
Spring Type: Extension Spring	End Type: Side Hook
Finish: None	Direction of Wind: Right Hand
Material: Music Wire ASTM A228	Spring Index (I): 8.248
Weight / M: 2248.247 Lbs	Length of W: 644.763 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.125 in	[3.175 mm]	+/- 0.001
Outer Diameter (OD)	1.156 in	[29.362 mm]	+/- 0.025
Mean Diameter (MD)	1.031 in	[26.187 mm]	+/- 0.025
Inner Diameter (ID)	0.906 in	[23.012 mm]	+/- 0.025
Length Inside Hooks (LIH)	26.500 in	[673.100 mm]	+/- 0.800
Body Length (BL)	24.688 in	[627.075 mm]	+/- 0.650
Hook Gap 1 (HG1)	0.125 in	[3.175] mm	
Hook Gap 2 (HG2)	0.125 in	[3.175] mm	
Hook Length 1 (HL1)	0.906 in	[23.012] mm	
Hook Length 2 (HL2)	0.906 in	[23.012] mm	
Total Hook Length (THL)	1.812 in	[46.025] mm	

Spring Rate (K)	1.62868 lbs/in	0.285 N/mm	+/- 0.163
Max Load (ML)	62.068 lbf	276.092 N	+/- 6.207
Max Travel (MT)	31.696 in	805.071 mm	
Initial Tension (IT)	10.446 lbf	46.466 N	
Max Shear Stress Possible (t max)	123610.000 PSI	852260948.988 Pa	
Material Shear Modulus (G)	11492970.929 PSI	79241245134.131 Pa	
Wahl Correction Factor (W)	1.178	1.178	



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

Notes	Scale: 1.038	Revision #:	Drawn By:	Approved By:
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