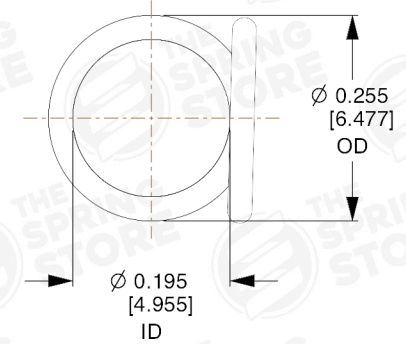
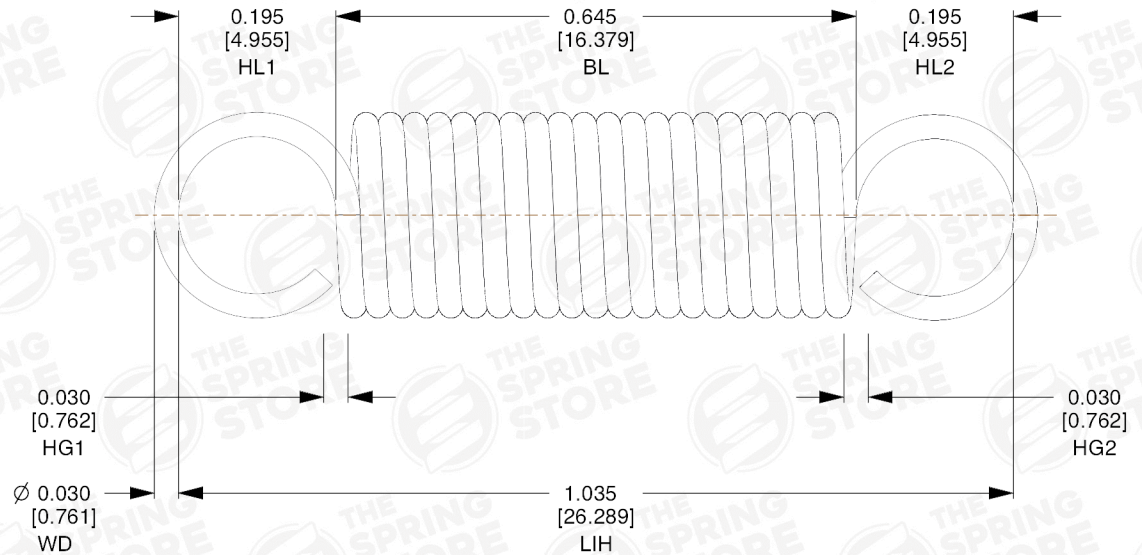


Part Name:	Date: 06/02/2026
Part #: in (Click to see Part # on Website)	PE030-255-20500-MW-1035-SH-N-IN 
Spring Type: Extension Spring	End Type: Side Hook
Finish: None	Direction of Wind: Right Hand
Material: Music Wire ASTM A228	Spring Index (I): 7.500
Weight / M: 3.273 Lbs	Length of W: 16.294 in



Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.030 in	[0.762 mm]	+/- 0.001
Outer Diameter (OD)	0.255 in	[6.477 mm]	+/- 0.008
Mean Diameter (MD)	0.225 in	[5.715 mm]	+/- 0.008
Inner Diameter (ID)	0.195 in	[4.953 mm]	+/- 0.008
Length Inside Hooks (LIH)	1.035 in	[26.289 mm]	+/- 0.050
Body Length (BL)	0.645 in	[16.383 mm]	+/- 0.025
Hook Gap 1 (HG1)	0.030 in	[0.762] mm	
Hook Gap 2 (HG2)	0.030 in	[0.762] mm	
Hook Length 1 (HL1)	0.195 in	[4.953] mm	
Hook Length 2 (HL2)	0.195 in	[4.953] mm	
Total Hook Length (THL)	0.390 in	[9.906] mm	

Spring Rate (K)	4.98340 lbs/in	0.873 N/mm	+/- 0.498
Max Load (ML)	4.879 lbf	21.704 N	+/- 0.488
Max Travel (MT)	0.834 in	21.171 mm	
Initial Tension (IT)	0.726 lbf	3.227 N	
Max Shear Stress Possible (t max)	156510.000 PSI	1079098463.927 Pa	
Material Shear Modulus (G)	11492970.929 PSI	79241245134.131 Pa	
Wahl Correction Factor (W)	1.197	1.197	



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

Notes	Scale: 4.201	Revision #:	Drawn By:	Approved By:
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