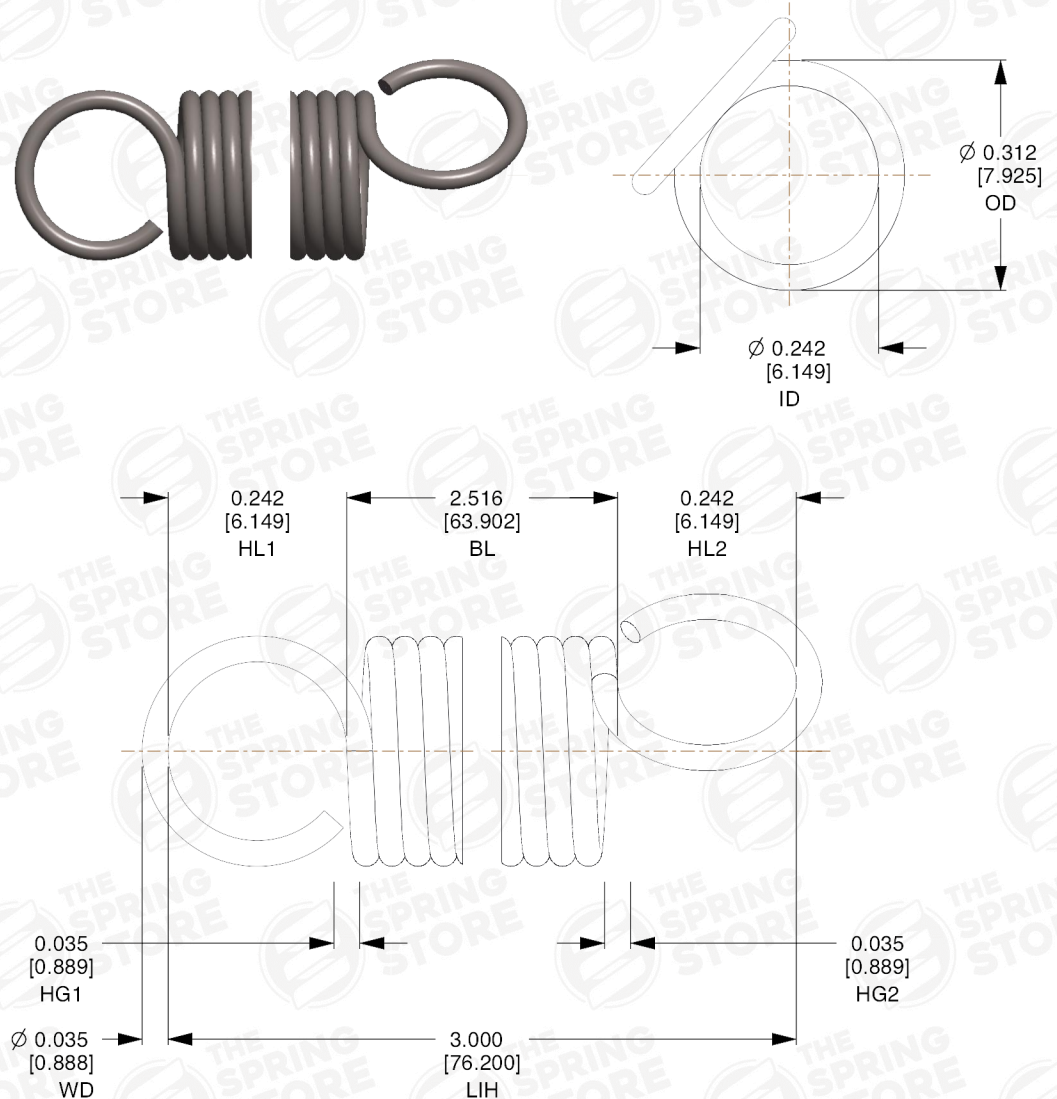


Part Name:	Date: 06/02/2026
Part #: in (Click to see Part # on Website)	PE035-312-70886-MW-3000-SH-N-IN ↗
Spring Type: Extension Spring	End Type: Side Hook
Finish: None	Direction of Wind: Right Hand
Material: Music Wire ASTM A228	Spring Index (I): 7.914
Weight / M: 17.472 Lbs	Length of W: 63.911 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.035 in	[0.889 mm]	+/- 0.001
Outer Diameter (OD)	0.312 in	[7.925 mm]	+/- 0.008
Mean Diameter (MD)	0.277 in	[7.036 mm]	+/- 0.008
Inner Diameter (ID)	0.242 in	[6.147 mm]	+/- 0.008
Length Inside Hooks (LIH)	3.000 in	[76.200 mm]	+/- 0.100
Body Length (BL)	2.516 in	[63.906 mm]	+/- 0.100
Hook Gap 1 (HG1)	0.035 in	[0.889] mm	
Hook Gap 2 (HG2)	0.035 in	[0.889] mm	
Hook Length 1 (HL1)	0.242 in	[6.147] mm	
Hook Length 2 (HL2)	0.242 in	[6.147] mm	
Total Hook Length (THL)	0.484 in	[12.294] mm	

Spring Rate (K)	1.43092 lbs/in	0.251 N/mm	+/- 0.143
Max Load (ML)	6.195 lbf	27.559 N	+/- 0.620
Max Travel (MT)	3.708 in	94.170 mm	
Initial Tension (IT)	0.890 lbf	3.960 N	
Max Shear Stress Possible (t max)	152280.000 PSI	1049933640.578 Pa	
Material Shear Modulus (G)	11492970.929 PSI	79241245134.131 Pa	
Wahl Correction Factor (W)	1.186	1.186	



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

Notes	Scale: 3.846	Revision #:	Drawn By:	Approved By:
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