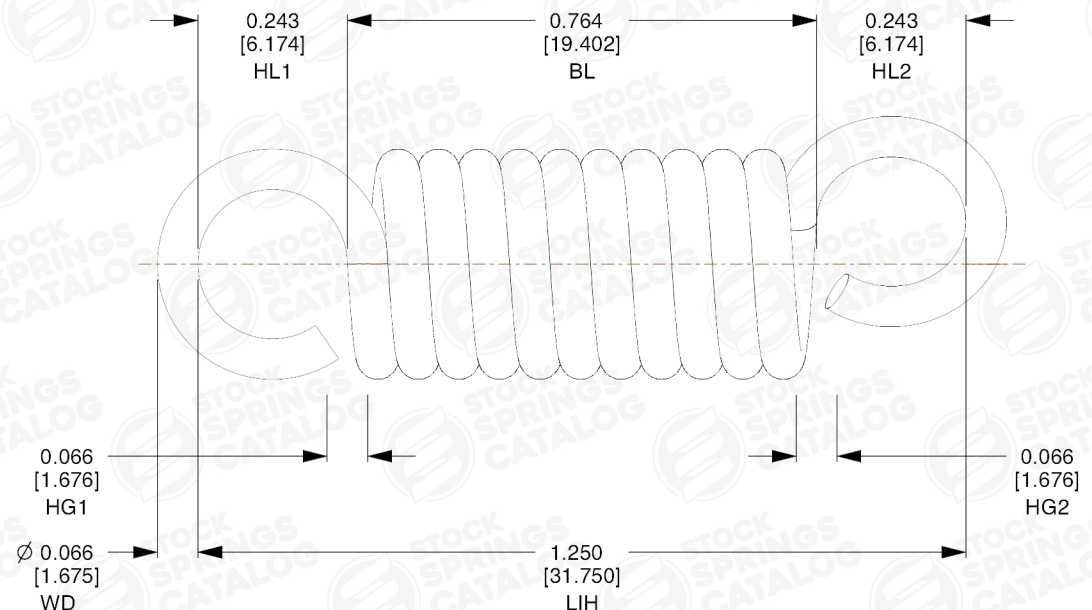
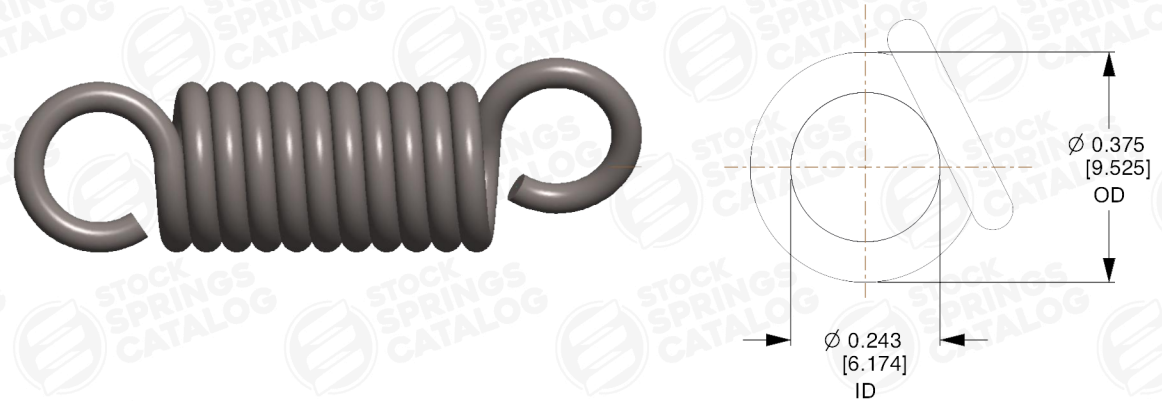


Part Name:	Date: 06/02/2026
Part #: in (Click to see Part # on Website)	PE066-375-10576-MW-1250-SH-N-IN
Spring Type: Extension Spring	End Type: Side Hook
Finish: None	Direction of Wind: Right Hand
Material: Music Wire ASTM A228	Spring Index (I): 4.682
Weight / M: 12.340 Lbs	Length of W: 12.694 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.066 in	[1.676 mm]	+/- 0.001
Outer Diameter (OD)	0.375 in	[9.525 mm]	+/- 0.008
Mean Diameter (MD)	0.309 in	[7.849 mm]	+/- 0.008
Inner Diameter (ID)	0.243 in	[6.172 mm]	+/- 0.008
Length Inside Hooks (LIH)	1.250 in	[31.750 mm]	+/- 0.050
Body Length (BL)	0.764 in	[19.406 mm]	+/- 0.025
Hook Gap 1 (HG1)	0.066 in	[1.676 mm]	
Hook Gap 2 (HG2)	0.066 in	[1.676 mm]	
Hook Length 1 (HL1)	0.243 in	[6.172 mm]	
Hook Length 2 (HL2)	0.243 in	[6.172 mm]	
Total Hook Length (THL)	0.486 in	[12.344 mm]	

Spring Rate (K)	87.36372 lbs/in	15.300 N/mm	+/- 8.736
Max Load (ML)	28.400 lbf	126.331 N	+/- 2.840
Max Travel (MT)	0.236 in	5.999 mm	
Initial Tension (IT)	7.767 lbf	34.548 N	
Max Shear Stress Possible (t max)	137710.000 PSI	949477026.819 Pa	
Material Shear Modulus (G)	11492970.929 PSI	79241245134.131 Pa	
Wahl Correction Factor (W)	1.335	1.335	



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

Notes	Scale: 3.200	Revision #:	Drawn By:	Approved By:
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