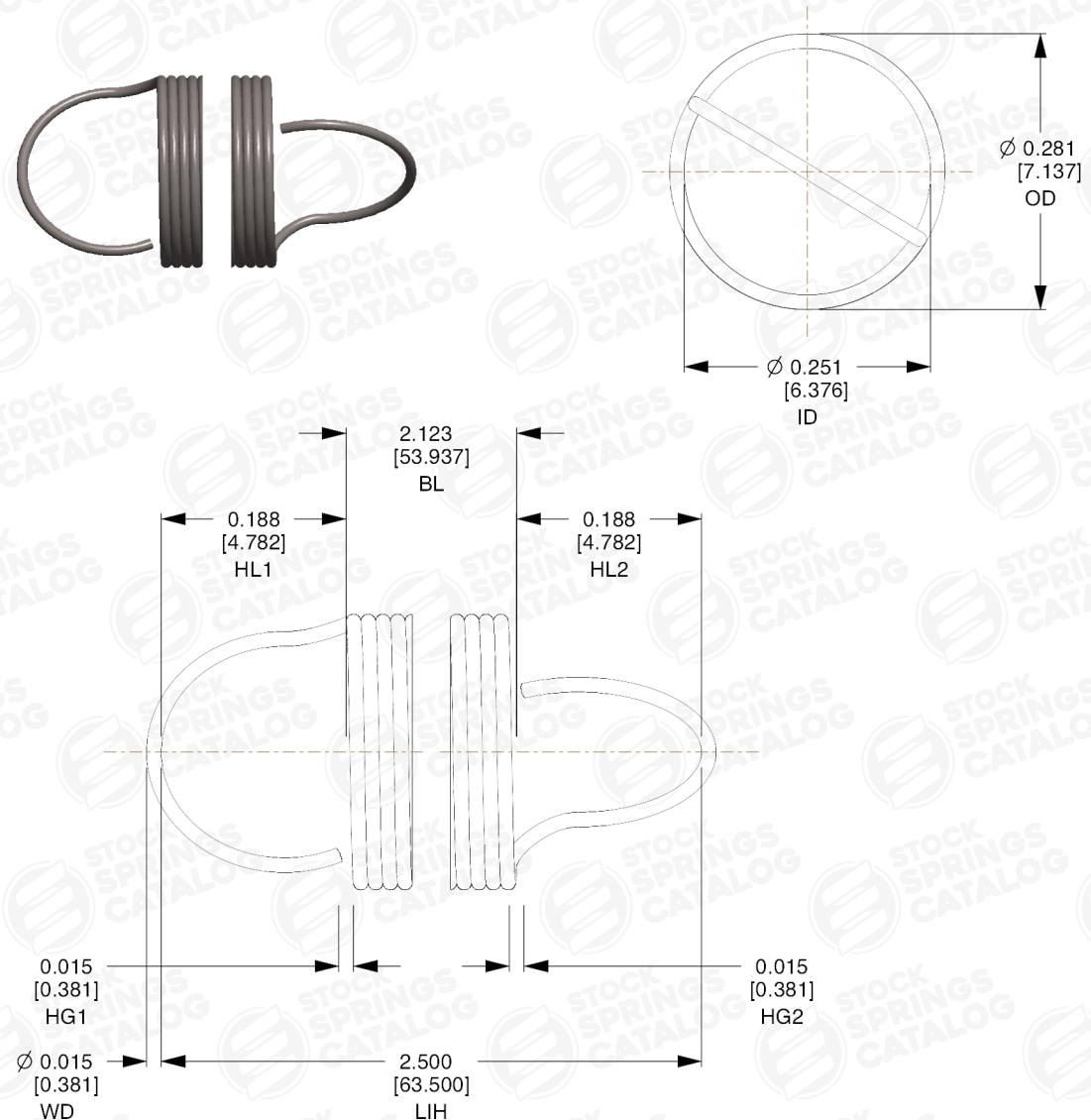


Part Name:	Date: 06/02/2026
Part #: in (Click to see Part # on Website)	PE015-281-140567-MW-2500-MH-N-IN 
Spring Type: Extension Spring	End Type: Machine Hook
Finish: None	Direction of Wind: Right Hand
Material: Music Wire ASTM A228	Spring Index (I): 17.733
Weight / M: 5.956 Lbs	Length of W: 118.616 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.015 in	[0.381 mm]	+/- 0.001
Outer Diameter (OD)	0.281 in	[7.137 mm]	+/- 0.008
Mean Diameter (MD)	0.266 in	[6.756 mm]	+/- 0.008
Inner Diameter (ID)	0.251 in	[6.375 mm]	+/- 0.008
Length Inside Hooks (LIH)	2.500 in	[63.500 mm]	+/- 0.100
Body Length (BL)	2.123 in	[53.924 mm]	+/- 0.100
Hook Gap 1 (HG1)	0.015 in	[0.381 mm]	
Hook Gap 2 (HG2)	0.015 in	[0.381 mm]	
Hook Length 1 (HL1)	0.188 in	[4.775 mm]	
Hook Length 2 (HL2)	0.188 in	[4.775 mm]	
Total Hook Length (THL)	0.377 in	[9.576 mm]	

Spring Rate (K)	0.02750 lbs/in	0.005 N/mm	+/- 0.003
Max Load (ML)	0.645 lbf	2.870 N	+/- 0.065
Max Travel (MT)	22.675 in	575.935 mm	
Initial Tension (IT)	0.022 lbf	0.097 N	
Max Shear Stress Possible (t max)	171550.000 PSI	1182795613.614 Pa	
Material Shear Modulus (G)	11492970.929 PSI	79241245134.131 Pa	
Wahl Correction Factor (W)	1.079	1.079	



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

Notes	Scale: 5.160	Revision #:	Drawn By:	Approved By:
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