COMPRESSION SPRING By ACXESS SPRING

Force that EMPOWERS

STOCK SPRING

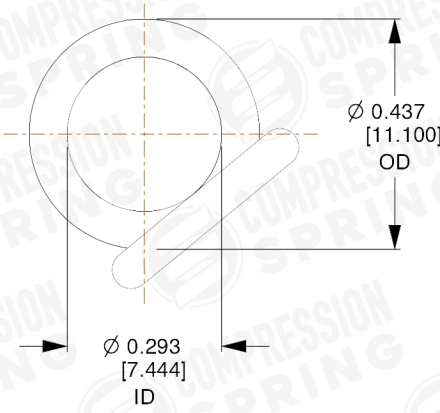
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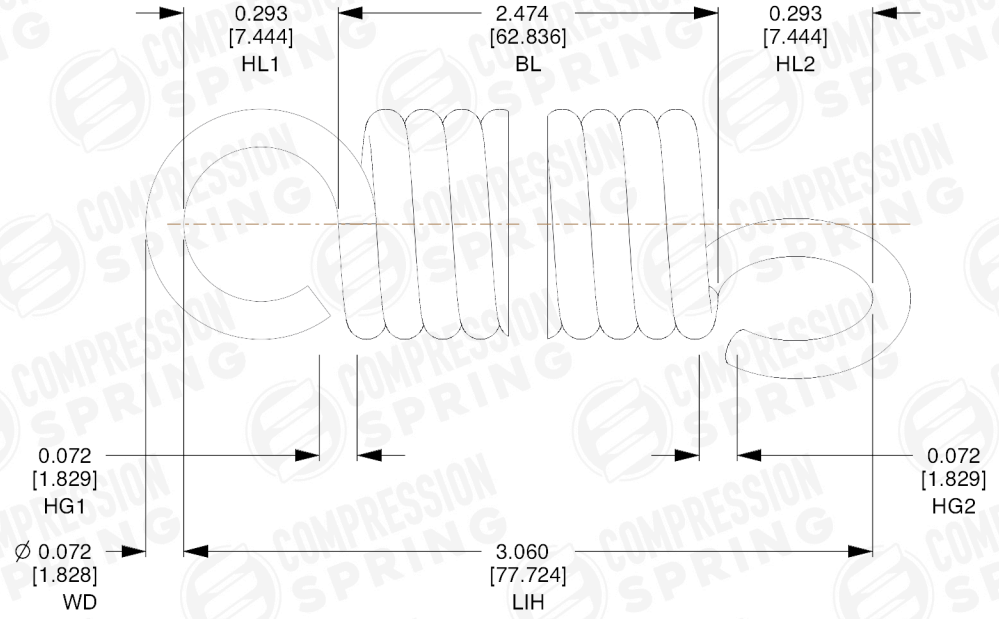
Part Name:	Date: 06/02/2026
Part #: in (Click to see Part # on Website)	PE072-437-33361-MW-3060-SH-N-IN
Spring Type: Extension Spring	End Type: Side Hook
Finish: None	Direction of Wind: Right Hand
Material: Music Wire ASTM A228	Spring Index (I): 5.069
Weight / M: 47.587 Lbs	Length of W: 41.134 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.072 in	[1.829 mm]	+/- 0.001
Outer Diameter (OD)	0.437 in	[11.100 mm]	+/- 0.008
Mean Diameter (MD)	0.365 in	[9.271 mm]	+/- 0.008
Inner Diameter (ID)	0.293 in	[7.442 mm]	+/- 0.008
Length Inside Hooks (LIH)	3.060 in	[77.724 mm]	+/- 0.100
Body Length (BL)	2.474 in	[62.840 mm]	+/- 0.100
Hook Gap 1 (HG1)	0.072 in	[1.829] mm	
Hook Gap 2 (HG2)	0.072 in	[1.829] mm	
Hook Length 1 (HL1)	0.293 in	[7.442] mm	
Hook Length 2 (HL2)	0.293 in	[7.442] mm	
Total Hook Length (THL)	0.586 in	[14.884] mm	

Spring Rate (K)	23.79870 lbs/in	4.168 N/mm	+/- 2.380
Max Load (ML)	31.831 lbf	141.592 N	+/- 3.183
Max Travel (MT)	1.005 in	25.524 mm	
Initial Tension (IT)	7.915 lbf	35.209 N	
Max Shear Stress Possible (t max)	135360.000 PSI	933274347.180 Pa	
Material Shear Modulus (G)	11492970.929 PSI	79241245134.131 Pa	
Wahl Correction Factor (W)	1.306	1.306	







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

Notes

Scale: 2.746	Revision #:	Drawn By:	Approved By:

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