



Force that
EMPOWERS

sales@springcreator.com Ph 951 276 2777

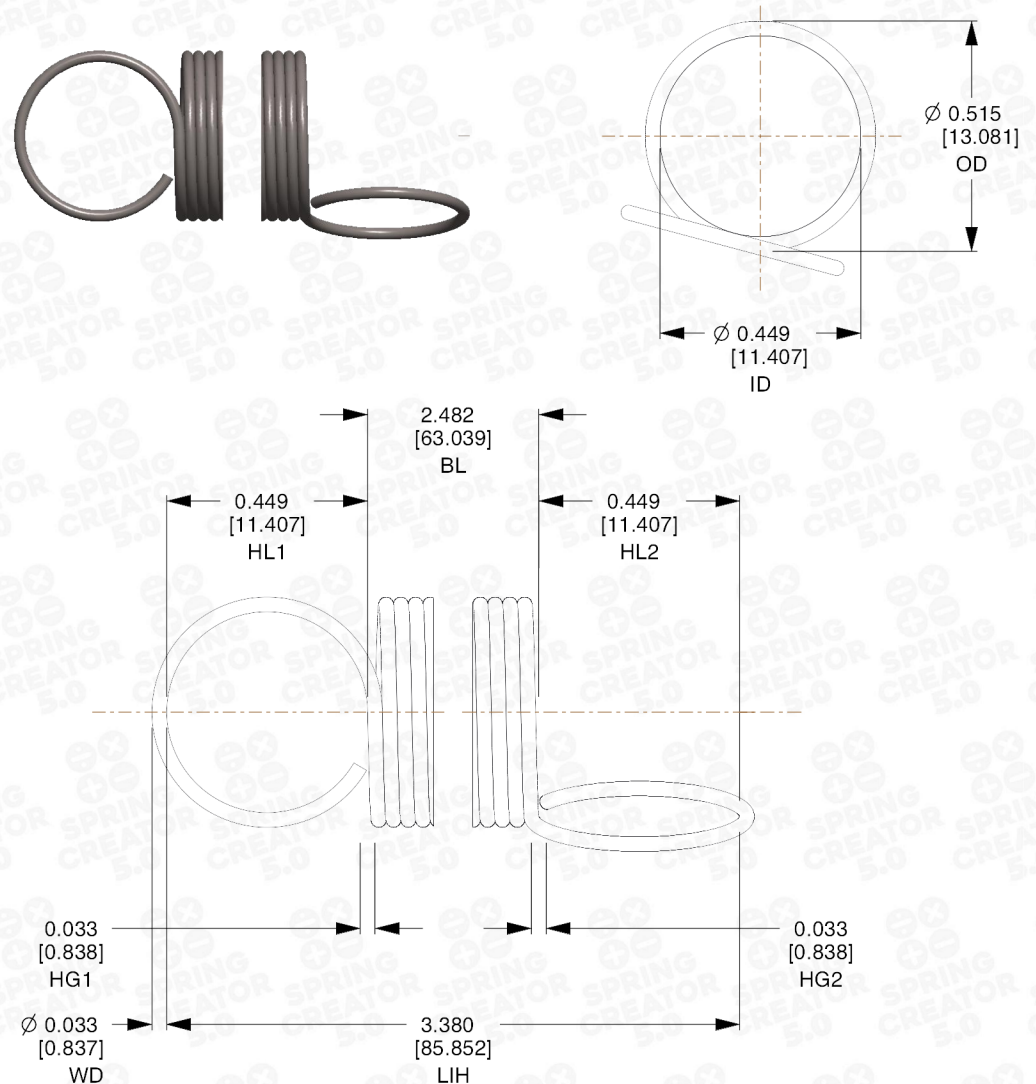
2225 E. Cooley Dr Colton, CA 92324

www.springcreator.com

Part Name:	Date: 06/02/2026
Part #: in (Click to see Part # on Website)	PE033-515-74212-MW-3380-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): 14.606
Weight / M: 28.264 Lbs	Length of W: 116.302 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.033 in	[0.838 mm]	+/- 0.001
Outer Diameter (OD)	0.515 in	[13.081 mm]	+/- 0.015
Mean Diameter (MD)	0.482 in	[12.243 mm]	+/- 0.015
Inner Diameter (ID)	0.449 in	[11.405 mm]	+/- 0.015
Length Inside Hooks (LIH)	3.380 in	[85.852 mm]	+/- 0.100
Body Length (BL)	2.482 in	[63.043 mm]	+/- 0.100
Hook Gap 1 (HG1)	0.033 in	[0.838] mm	
Hook Gap 2 (HG2)	0.033 in	[0.838] mm	
Hook Length 1 (HL1)	0.449 in	[11.405] mm	
Hook Length 2 (HL2)	0.449 in	[11.405] mm	
Total Hook Length (THL)	0.898 in	[22.809] mm	

Spring Rate (K)	0.20501 lbs/in	0.036 N/mm	+/- 0.021
Max Load (ML)	3.288 lbf	14.626 N	+/- 0.329
Max Travel (MT)	15.013 in	381.333 mm	
Initial Tension (IT)	0.210 lbf	0.935 N	
Max Shear Stress Possible (t max)	153690.000 PSI	1059655248.361 Pa	
Material Shear Modulus (G)	11492970.929 PSI	79241245134.131 Pa	
Wahl Correction Factor (W)	1.097	1.097	



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

Notes	Scale: 2.330	Revision #:	Drawn By:	Approved By:
	This file and any associated information and specifications are provided for reference and evaluation purposes only, and is subject to change without notice. Access Spring makes no representations, warranties or guarantees as to the appropriateness, accuracy, completeness, or suitability for any purpose, of the file, information or specifications. You are solely responsible for the use of the file, information or specification.			This Drawing is the property of ACCESS SPRING It may contain confidential, proprietary information, that is Access Spring property. Do not disclose to or duplicate for others except as authorized by Access Spring.