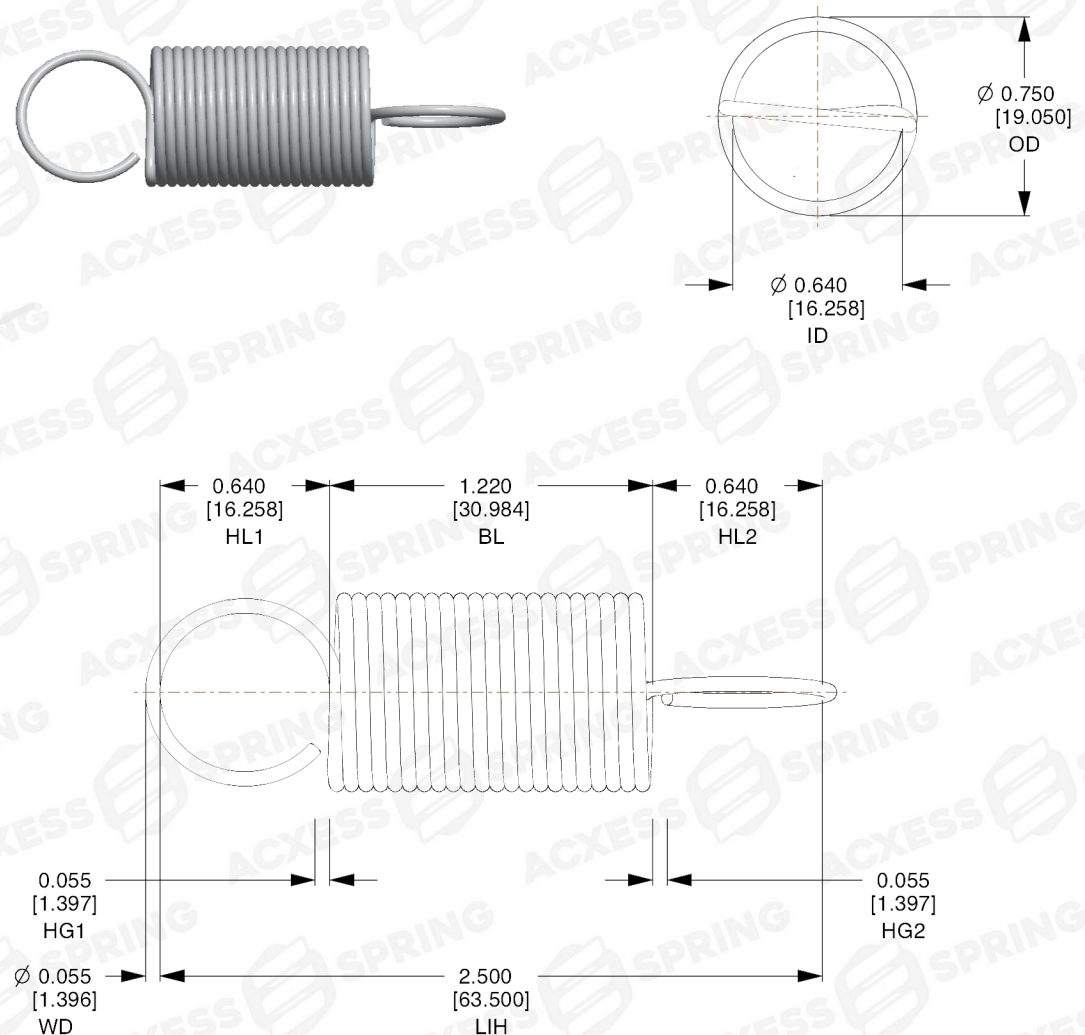


Part Name:	Date: 06/02/2026
Part #: in (Click to see Part # on Website)	PE055-750-21182-SST-2500-CO-N-IN 🔗
Spring Type: Extension Spring	End Type: Cross-Over Hook
Finish: None	Direction of Wind: Right Hand
Material: Stainless 302 ASTM A313	Spring Index (I): 12.636
Weight / M: 35.635 Lbs	Length of W: 51.896 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.055 in	[1.397 mm]	+/- 0.001
Outer Diameter (OD)	0.750 in	[19.050 mm]	+/- 0.015
Mean Diameter (MD)	0.695 in	[17.653 mm]	+/- 0.015
Inner Diameter (ID)	0.640 in	[16.256 mm]	+/- 0.015
Length Inside Hooks (LIH)	2.500 in	[63.500 mm]	+/- 0.100
Body Length (BL)	1.220 in	[30.988 mm]	+/- 0.050
Hook Gap 1 (HG1)	0.055 in	[1.397] mm	
Hook Gap 2 (HG2)	0.055 in	[1.397] mm	
Hook Length 1 (HL1)	0.640 in	[16.256] mm	
Hook Length 2 (HL2)	0.640 in	[16.256] mm	
Total Hook Length (THL)	1.280 in	[32.512] mm	

Spring Rate (K)	1.60045 lbs/in	0.280 N/mm	+/- 0.160
Max Load (ML)	8.427 lbf	37.486 N	+/- 0.843
Max Travel (MT)	4.735 in	120.259 mm	
Initial Tension (IT)	0.850 lbf	3.780 N	
Max Shear Stress Possible (t max)	124550.000 PSI	858742020.843 Pa	
Material Shear Modulus (G)	9949475.938 PSI	68599221788.087 Pa	
Wahl Correction Factor (W)	1.113	1.113	



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

Notes	Scale: 1.379	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.