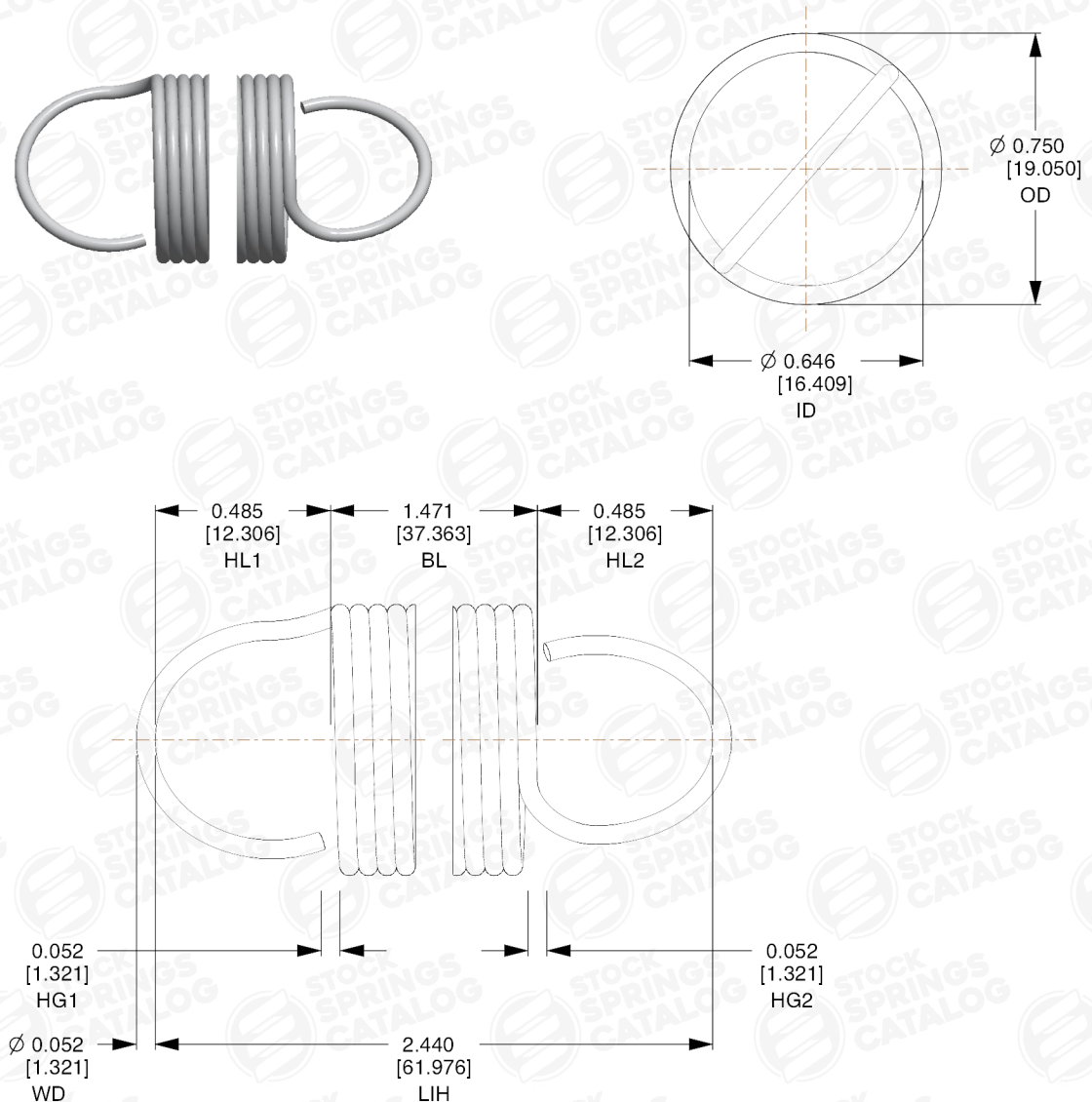


Part Name:	Date: 06/02/2026
Part #: in (Click to see Part # on Website)	PE052-750-27289-SST-2440-MH-N-IN 
Spring Type: Extension Spring	End Type: Machine Hook
Finish: None	Direction of Wind: Right Hand
Material: Stainless 302 ASTM A313	Spring Index (I): 13.423
Weight / M: 38.580 Lbs	Length of W: 62.855 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.052 in	[1.321 mm]	+/- 0.001
Outer Diameter (OD)	0.750 in	[19.050 mm]	+/- 0.015
Mean Diameter (MD)	0.698 in	[17.729 mm]	+/- 0.015
Inner Diameter (ID)	0.646 in	[16.408 mm]	+/- 0.015
Length Inside Hooks (LIH)	2.440 in	[61.976 mm]	+/- 0.100
Body Length (BL)	1.471 in	[37.363 mm]	+/- 0.050
Hook Gap 1 (HG1)	0.052 in	[1.321 mm]	
Hook Gap 2 (HG2)	0.052 in	[1.321 mm]	
Hook Length 1 (HL1)	0.485 in	[12.319 mm]	
Hook Length 2 (HL2)	0.485 in	[12.319 mm]	
Total Hook Length (THL)	0.969 in	[24.613 mm]	

Spring Rate (K)	0.97989 lbs/in	0.172 N/mm	+/- 0.098
Max Load (ML)	7.351 lbf	32.699 N	+/- 0.735
Max Travel (MT)	6.815 in	173.104 mm	
Initial Tension (IT)	0.673 lbf	2.994 N	
Max Shear Stress Possible (t max)	125490.000 PSI	865223092.699 Pa	
Material Shear Modulus (G)	9949475.938 PSI	68599221788.087 Pa	
Wahl Correction Factor (W)	1.106	1.106	



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

Notes	Scale: 1.933	Revision #:	Drawn By:	Approved By:
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