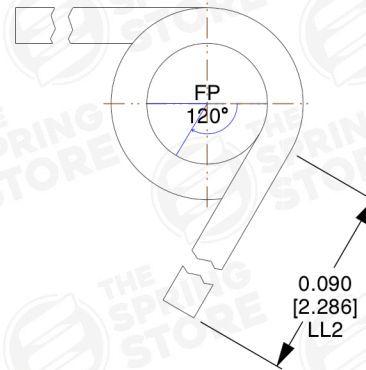
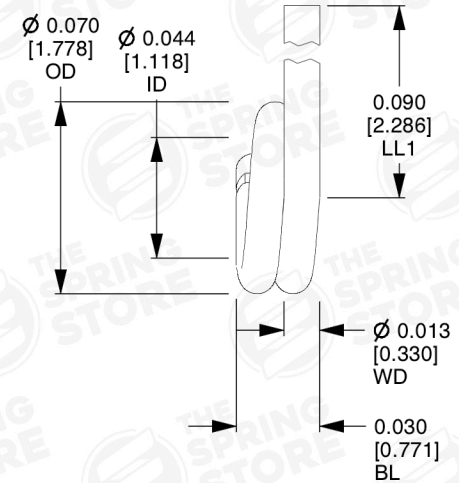


Part Name:	Date: 06/02/2026
Part #: in PT013-070-1334-SST-LH-0090-N-IN	
(Click to see Part # on Website)	
Spring Type: Torsion Spring	
Finish: None	Direction of Wind: Left Hand
Weight / M: 0.016 Lbs	Length of W: 0.419 in
Spring Index (I): 4.385	

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.013 in	[0.330 mm]	+/- 0.001
Outer Diameter (OD)	0.070 in	[1.778 mm]	+/- 0.003
Mean Diameter (MD)	0.057 in	[1.448 mm]	+/- 0.003
Inner Diameter (ID)	0.044 in	[1.118 mm]	+/- 0.003
Length Leg 1 (LL1)	0.090 in	[2.286] mm	+/- 0.030
Length Leg 2 (LL2)	0.090 in	[2.286] mm	+/- 0.030
Total Leg Length (TLL)	0.180 in	[4.572] mm	+/- 0.030
Total Coils (TC)	1.334	1.334	+/- 1/8 Coil
Body Length (BL)	0.030 in	[0.762 mm]	+/- 0.015
Free Position (FP)	120 Deg	120 Deg	
Rate per Degree	0.00247 in-lbs/Deg	0.279 N-mm/Deg	+/- 0.000
Max Torque	0.043 in-lbs	4.847 N-mm	+/- 0.004
Max Travel (MT)	17.366 Deg	17.366 Deg	
Material Shear Modulus (G)	9949475.938 PSI	68599221788.087 Pa	
Max Shear Stress Possible (t max)	3859.731 PSI	26611911.288 Pa	
Wahl Correction Factor	1.362	1.362	



Notes	Scale: 14.286	Revision #:	Drawn By:	Approved By:
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