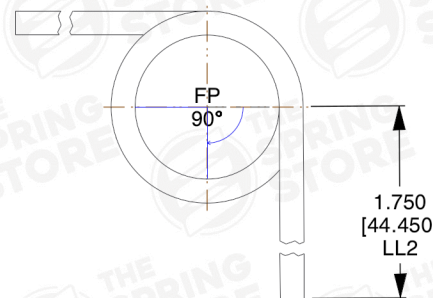
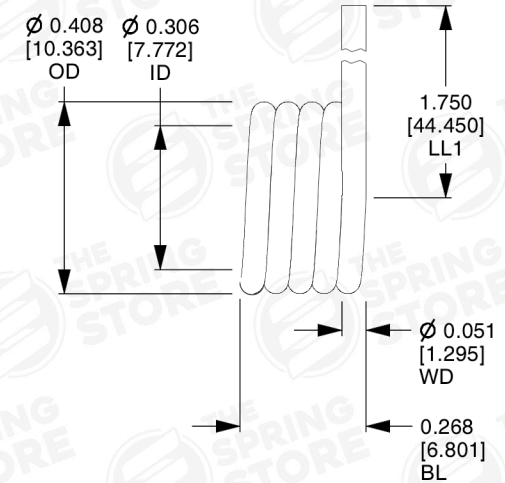


Part Name:	Date: 06/02/2026
Part #: in (Click to see Part # on Website)	PT051-408-4250-SST-LH-1750-N-IN 
Spring Type: Torsion Spring	Material: Stainless 302 ASTM A313
Finish: None	Direction of Wind: Left Hand
Weight / M: 4.881 Lbs	Length of W: 8.267 in
Spring Index (I): 7.000	

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.051 in	[1.295 mm]	+/- 0.001
Outer Diameter (OD)	0.408 in	[10.363 mm]	+/- 0.008
Mean Diameter (MD)	0.357 in	[9.068 mm]	+/- 0.008
Inner Diameter (ID)	0.306 in	[7.772 mm]	+/- 0.008
Length Leg 1 (LL1)	1.750 in	[44.450 mm]	+/- 0.060
Length Leg 2 (LL2)	1.750 in	[44.450 mm]	+/- 0.060
Total Leg Length (TLL)	3.500 in	[88.900 mm]	+/- 0.060
Total Coils (TC)	4.250	4.250	+/- 1/8 Coil
Body Length (BL)	0.268 in	[6.807 mm]	+/- 0.015
Free Position (FP)	90 Deg	90 Deg	
Rate per Degree	0.02932 in-lbs/Deg	3.313 N-mm/Deg	+/- 0.003
Max Torque	2.262 in-lbs	255.549 N-mm	+/- 0.226
Max Travel (MT)	77.135 Deg	77.135 Deg	
Material Shear Modulus (G)	9949475.938 PSI	68599221788.087 Pa	
Max Shear Stress Possible (t max)	18801.355 PSI	129630777.505 Pa	
Wahl Correction Factor	1.213	1.213	



Notes	Scale: 2.451	Revision #:	Drawn By:	Approved By:
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