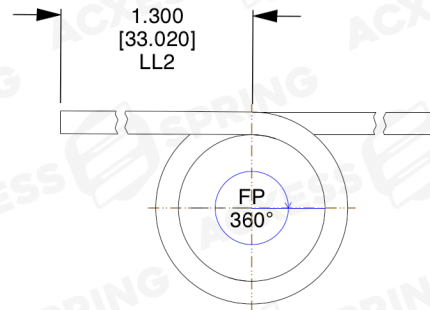
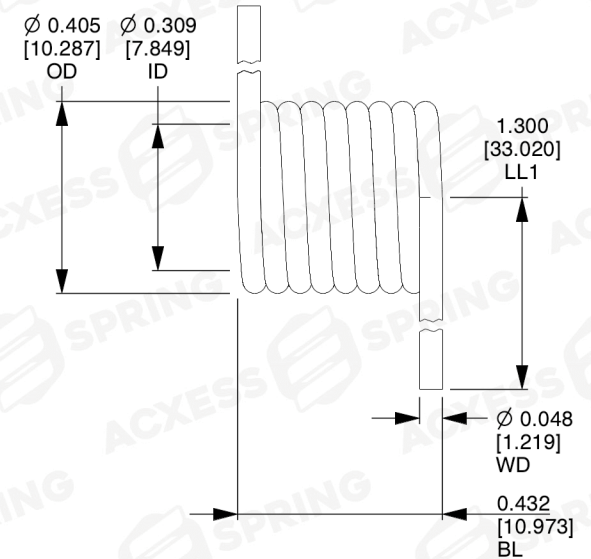


Part Name:	Date: 06/02/2026
Part #: in PT048-405-8000-SST-RH-1300-N-IN	
Spring Type: Torsion Spring	Material: Stainless 302 ASTM A313
Finish: None	Direction of Wind: Right Hand
Weight / M: 5.940 Lbs	Length of W: 11.598 in
Spring Index (I): 7.537	

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.048 in	[1.219 mm]	+/- 0.001
Outer Diameter (OD)	0.405 in	[10.287 mm]	+/- 0.008
Mean Diameter (MD)	0.358 in	[9.093 mm]	+/- 0.008
Inner Diameter (ID)	0.310 in	[7.874 mm]	+/- 0.008
Length Leg 1 (LL1)	1.300 in	[33.020 mm]	+/- 0.060
Length Leg 2 (LL2)	1.300 in	[33.020 mm]	+/- 0.060
Total Leg Length (TLL)	2.600 in	[66.040 mm]	+/- 0.060
Total Coils (TC)	8.000	8.000	+/- 1/8 Coil
Body Length (BL)	0.427 in	[10.846 mm]	+/- 0.015
Free Position (FP)	0 Deg	0 Deg	
Rate per Degree	0.01169 in-lbs/Deg	1.321 N-mm/Deg	+/- 0.001
Max Torque	1.871 in-lbs	211.431 N-mm	+/- 0.187
Max Travel (MT)	160.089 Deg	160.089 Deg	
Material Shear Modulus (G)	9949475.938 PSI	68599221788.087 Pa	
Max Shear Stress Possible (t max)	19044.193 PSI	131305085.267 Pa	
Wahl Correction Factor	1.196	1.196	



Notes

Scale: 2.469

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