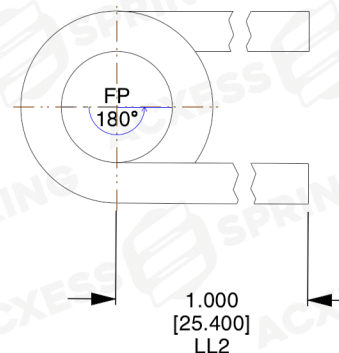
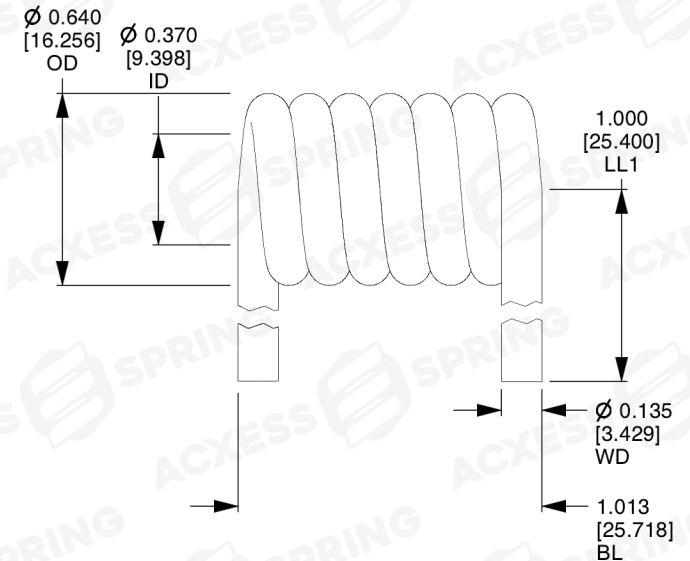
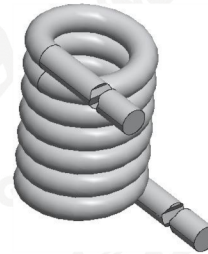


Part Name:	Date: 06/02/2026
Part #: in PT135-640-6500-SST-RH-1000-N-IN	
(Click to see Part # on Website)	
Spring Type: Torsion Spring	
Finish: None	Direction of Wind: Right Hand
Weight / M: 50.936 Lbs	Length of W: 12.312 in
Spring Index (I): 3.741	

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.135 in	[3.429 mm]	+/- 0.001
Outer Diameter (OD)	0.640 in	[16.256 mm]	+/- 0.015
Mean Diameter (MD)	0.505 in	[12.827 mm]	+/- 0.015
Inner Diameter (ID)	0.370 in	[9.398 mm]	+/- 0.015
Length Leg 1 (LL1)	1.000 in	[25.400 mm]	+/- 0.040
Length Leg 2 (LL2)	1.000 in	[25.400 mm]	+/- 0.040
Total Leg Length (TLL)	2.000 in	[50.800 mm]	+/- 0.040
Total Coils (TC)	6.500	6.500	+/- 1/8 Coil
Body Length (BL)	1.013 in	[25.730 mm]	+/- 0.050
Free Position (FP)	180 Deg	180 Deg	
Rate per Degree	0.665 in-lbs/Deg	75.186 N-mm/Deg	+/- 0.067
Max Torque	32.968 in-lbs	3724.725 N-mm	+/- 3.297
Max Travel (MT)	49.540 Deg	49.540 Deg	
Material Shear Modulus (G)	9949475.938 PSI	68599221788.087 Pa	
Max Shear Stress Possible (t max)	24779.194 PSI	170846525.995 Pa	
Wahl Correction Factor	1.438	1.438	



Notes	Scale: 1.563	Revision #:	Drawn By:	Approved By:
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