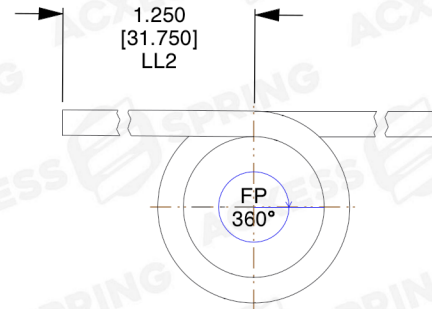
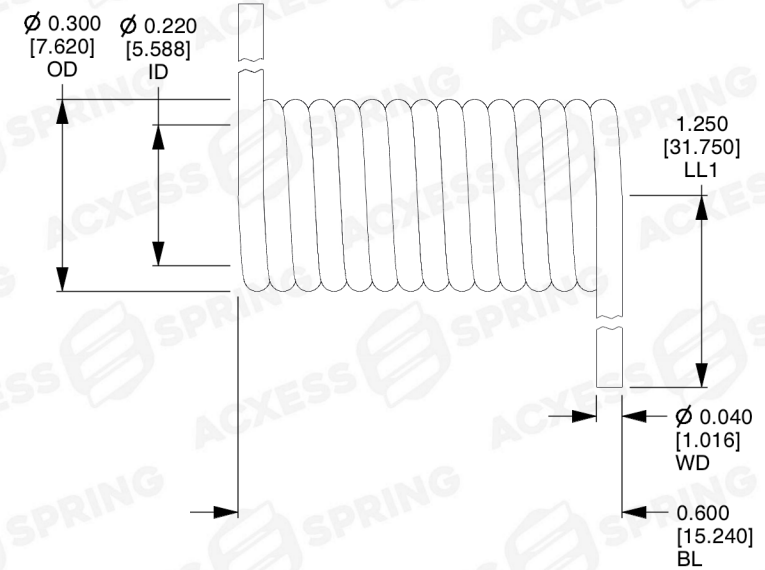
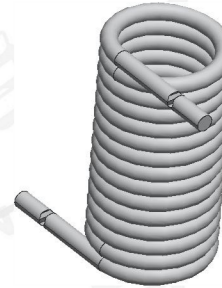


Part Name:	Date: 06/02/2026
Part #: in PT040-300-14000-SST-RH-1250-N-IN 	
(Click to see Part # on Website)	
Spring Type: Torsion Spring	
Finish: None	Direction of Wind: Right Hand
Weight / M: 5.061 Lbs	Length of W: 13.935 in
Spring Index (I): 6.500	

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.040 in	[1.016 mm]	+/- 0.001
Outer Diameter (OD)	0.300 in	[7.620 mm]	+/- 0.008
Mean Diameter (MD)	0.260 in	[6.604 mm]	+/- 0.008
Inner Diameter (ID)	0.220 in	[5.588 mm]	+/- 0.008
Length Leg 1 (LL1)	1.250 in	[31.750 mm]	+/- 0.060
Length Leg 2 (LL2)	1.250 in	[31.750 mm]	+/- 0.060
Total Leg Length (TLL)	2.500 in	[63.500 mm]	+/- 0.060
Total Coils (TC)	14.000	14.000	+/- 1/8 Coil
Body Length (BL)	0.600 in	[15.240 mm]	+/- 0.025
Free Position (FP)	0 Deg	0 Deg	
Rate per Degree	0.00463 in-lbs/Deg	0.523 N-mm/Deg	+/- 0.000
Max Torque	1.139 in-lbs	128.628 N-mm	+/- 0.114
Max Travel (MT)	246.152 Deg	246.152 Deg	
Material Shear Modulus (G)	9949475.938 PSI	68599221788.087 Pa	
Max Shear Stress Possible (t max)	14498.857 PSI	99966096.731 Pa	
Wahl Correction Factor	1.231	1.231	



Notes	Scale: 3.333	Revision #:	Drawn By:	Approved By:
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