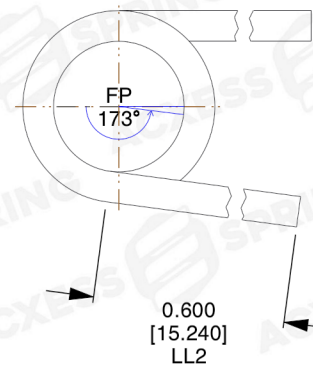
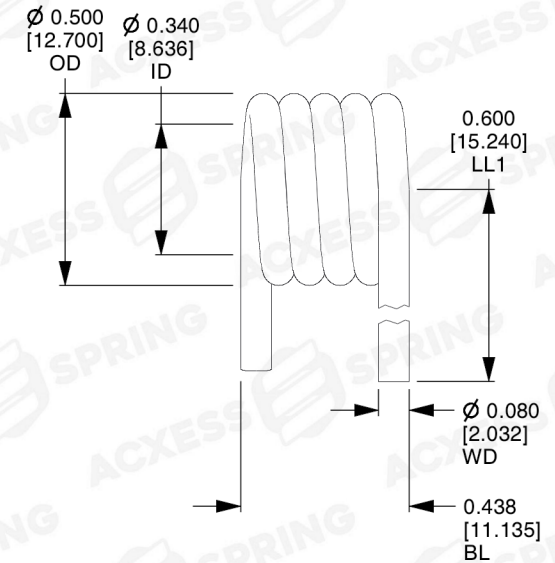
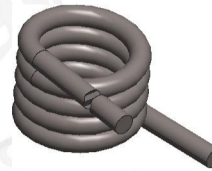


Part Name:	Date: 06/02/2026
Part #: in PT080-500-4480-SST-RH-0600-N-IN	
Spring Type: Torsion Spring	Material: Stainless 302 ASTM A313
Finish: None	Direction of Wind: Right Hand
Weight / M: 10.331 Lbs	Length of W: 7.111 in
Spring Index (I): 5.250	

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.080 in	[2.032 mm]	+/- 0.001
Outer Diameter (OD)	0.500 in	[12.700 mm]	+/- 0.008
Mean Diameter (MD)	0.420 in	[10.668 mm]	+/- 0.008
Inner Diameter (ID)	0.340 in	[8.636 mm]	+/- 0.008
Length Leg 1 (LL1)	0.600 in	[15.240] mm	+/- 0.040
Length Leg 2 (LL2)	0.600 in	[15.240] mm	+/- 0.040
Total Leg Length (TLL)	1.200 in	[30.480] mm	+/- 0.040
Total Coils (TC)	4.480	4.480	+/- 1/8 Coil
Body Length (BL)	0.438 in	[11.125 mm]	+/- 0.015
Free Position (FP)	172 Deg	172 Deg	
Rate per Degree	0.14317 in-lbs/Deg	16.175 N-mm/Deg	+/- 0.014
Max Torque	7.896 in-lbs	892.124 N-mm	+/- 0.790
Max Travel (MT)	55.155 Deg	55.155 Deg	
Material Shear Modulus (G)	9949475.938 PSI	68599221788.087 Pa	
Max Shear Stress Possible (t max)	21337.767 PSI	147118725.329 Pa	
Wahl Correction Factor	1.294	1.294	



Notes	Scale: 2.000	Revision #:	Drawn By:	Approved By:
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