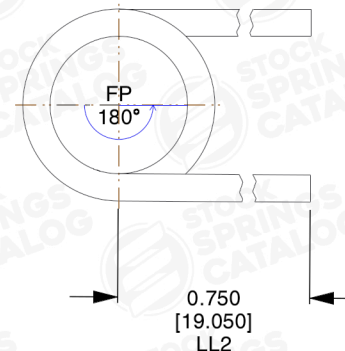
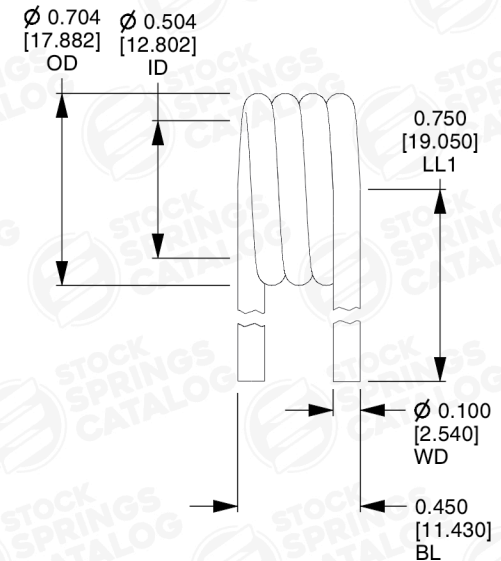


Part Name:	Date: 06/02/2026
Part #: in (Click to see Part # on Website)	PT100-704-3500-SST-RH-0750-N-IN 
Spring Type: Torsion Spring	Material: Stainless 302 ASTM A313
Finish: None	Direction of Wind: Right Hand
Weight / M: 18.480 Lbs	Length of W: 8.141 in
Spring Index (I): 6.040	

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.100 in	[2.540 mm]	+/- 0.001
Outer Diameter (OD)	0.704 in	[17.882 mm]	+/- 0.015
Mean Diameter (MD)	0.604 in	[15.342 mm]	+/- 0.015
Inner Diameter (ID)	0.504 in	[12.802 mm]	+/- 0.015
Length Leg 1 (LL1)	0.750 in	[19.050 mm]	+/- 0.040
Length Leg 2 (LL2)	0.750 in	[19.050 mm]	+/- 0.040
Total Leg Length (TLL)	1.500 in	[38.100 mm]	+/- 0.040
Total Coils (TC)	3.500	3.500	+/- 1/8 Coil
Body Length (BL)	0.450 in	[11.430 mm]	+/- 0.015
Free Position (FP)	180 Deg	180 Deg	
Rate per Degree	0.31110 in-lbs/Deg	35.148 N-mm/Deg	+/- 0.031
Max Torque	15.044 in-lbs	1699.626 N-mm	+/- 1.504
Max Travel (MT)	48.356 Deg	48.356 Deg	
Material Shear Modulus (G)	9949475.938 PSI	68599221788.087 Pa	
Max Shear Stress Possible (t max)	28937.299 PSI	199515653.940 Pa	
Wahl Correction Factor	1.251	1.251	



Notes	Scale: 1.420	Revision #:	Drawn By:	Approved By:
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