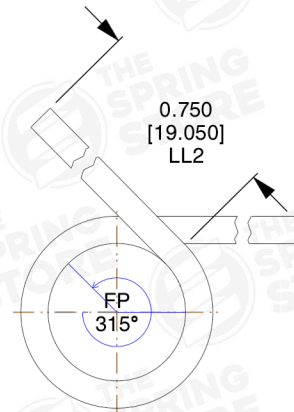
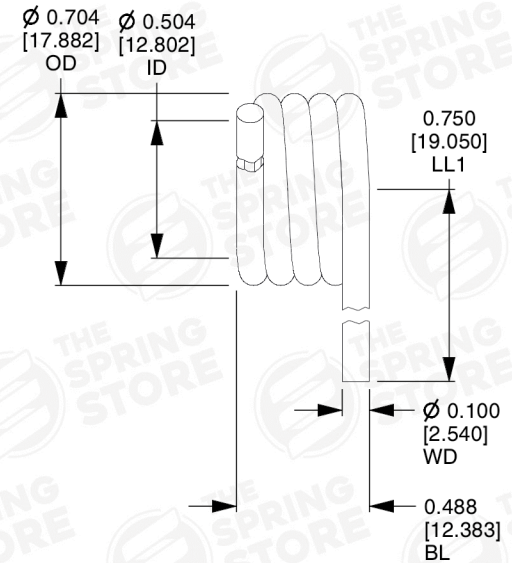


Part Name:	Date: 06/02/2026
Part #: in PT100-704-3875-SST-RH-0750-N-IN	
(Click to see Part # on Website)	
Spring Type: Torsion Spring	Material: Stainless 302 ASTM A313
Finish: None	Direction of Wind: Right Hand
Weight / M: 20.096 Lbs	Length of W: 8.853 in
Spring Index (I): 6.040	

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)	3.875	3.875	+/- 1/8 Coil
Body Length (BL)	0.488 in	[12.395 mm]	+/- 0.015
Free Position (FP)	315 Deg	315 Deg	
Rate per Degree	0.28099 in-lbs/Deg	31.746 N-mm/Deg	+/- 0.028
Max Torque	15.044 in-lbs	1699.626 N-mm	+/- 1.504
Max Travel (MT)	53.537 Deg	53.537 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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