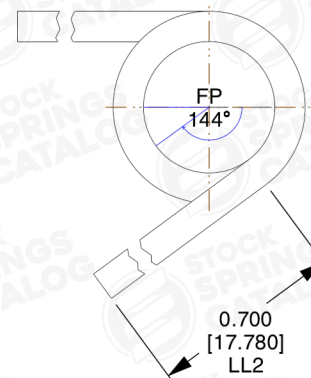
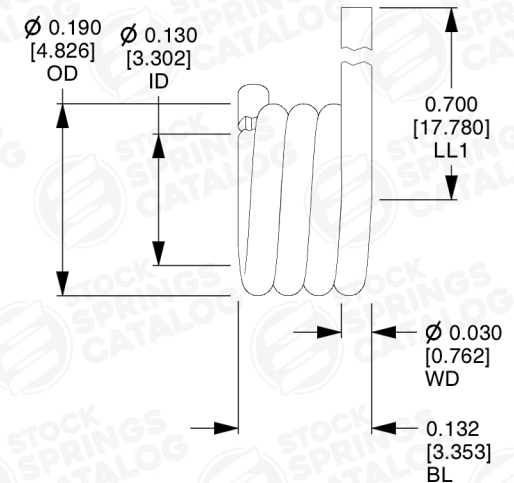


Part Name:	Date: 06/02/2026
Part #: in (Click to see Part # on Website)	PT030-190-3400-SST-LH-0700-N-IN 
Spring Type: Torsion Spring	Material: Stainless 302 ASTM A313
Finish: None	Direction of Wind: Left Hand
Weight / M: 0.635 Lbs	Length of W: 3.109 in
Spring Index (I): 5.333	

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.030 in	[0.762 mm]	+/- 0.001
Outer Diameter (OD)	0.190 in	[4.826 mm]	+/- 0.005
Mean Diameter (MD)	0.160 in	[4.064 mm]	+/- 0.005
Inner Diameter (ID)	0.130 in	[3.302 mm]	+/- 0.005
Length Leg 1 (LL1)	0.700 in	[17.780 mm]	+/- 0.040
Length Leg 2 (LL2)	0.700 in	[17.780 mm]	+/- 0.040
Total Leg Length (TLL)	1.400 in	[35.560 mm]	+/- 0.040
Total Coils (TC)	3.400	3.400	+/- 1/8 Coil
Body Length (BL)	0.132 in	[3.353 mm]	+/- 0.015
Free Position (FP)	144 Deg	144 Deg	
Rate per Degree	0.00979 in-lbs/Deg	1.106 N-mm/Deg	+/- 0.001
Max Torque	0.490 in-lbs	55.326 N-mm	+/- 0.049
Max Travel (MT)	50.007 Deg	50.007 Deg	
Material Shear Modulus (G)	9949475.938 PSI	68599221788.087 Pa	
Max Shear Stress Possible (t max)	9520.828 PSI	65643799.461 Pa	
Wahl Correction Factor	1.288	1.288	



Notes	Scale: 5.263	Revision #:	Drawn By:	Approved By:
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