



By **ACCESS SPRING**

**Force that
EMPOWERS**

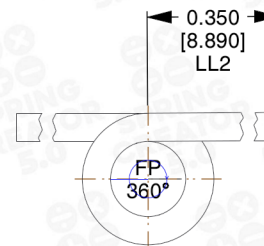
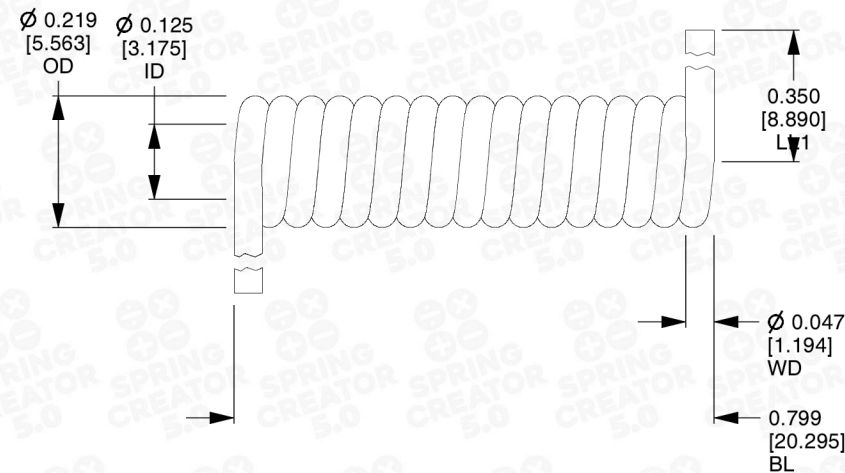
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Part Name:	Date: 06/02/2026
Part #: in	PT047-219-16000-SST-LH-0350-N-IN
(Click to see Part # on Website)	
Spring Type: Torsion Spring	Material: Stainless 302 ASTM A313
Finish: None	Direction of Wind: Left Hand
Weight / M: 4.686 Lbs	Length of W: 9.346 in
Spring Index (I): 3.660	

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.047 in	[1.194 mm]	+/- 0.001
Outer Diameter (OD)	0.219 in	[5.563 mm]	+/- 0.005
Mean Diameter (MD)	0.172 in	[4.369 mm]	+/- 0.005
Inner Diameter (ID)	0.125 in	[3.175 mm]	+/- 0.005
Length Leg 1 (LL1)	0.350 in	[8.890] mm	+/- 0.040
Length Leg 2 (LL2)	0.350 in	[8.890] mm	+/- 0.040
Total Leg Length (TLL)	0.700 in	[17.780] mm	+/- 0.040
Total Coils (TC)	16.000	16.000	+/- 1/8 Coil
Body Length (BL)	0.799 in	[20.295 mm]	+/- 0.025
Free Position (FP)	0 Deg	0 Deg	
Rate per Degree	0.01166 in-lbs/Deg	1.317 N-mm/Deg	+/- 0.001
Max Torque	1.744 in-lbs	197.015 N-mm	+/- 0.174
Max Travel (MT)	149.536 Deg	149.536 Deg	
Material Shear Modulus (G)	9949475.938 PSI	68599221788.087 Pa	
Max Shear Stress Possible (t max)	10666.787 PSI	73544904.290 Pa	
Wahl Correction Factor	1.450	1.450	



Notes	Scale: 3.129	Revision #:	Drawn By:	Approved By:
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