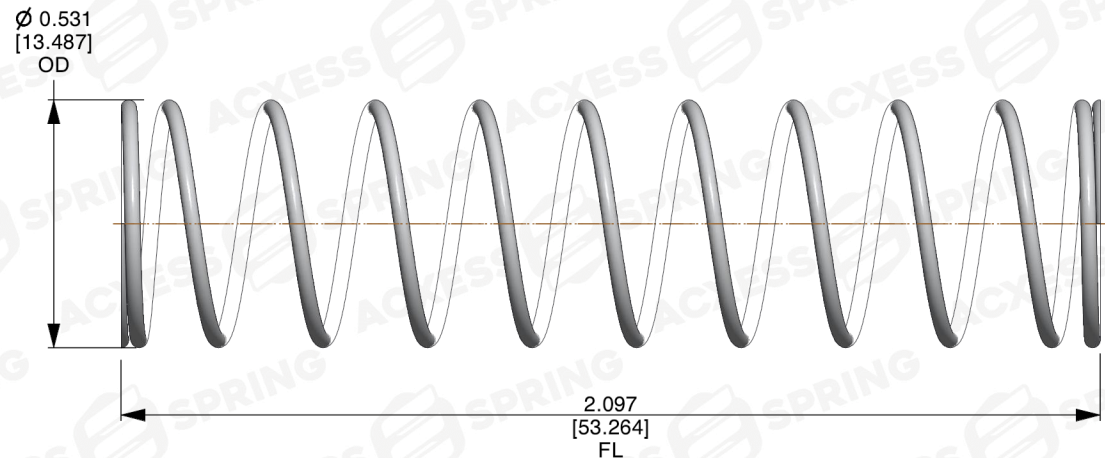
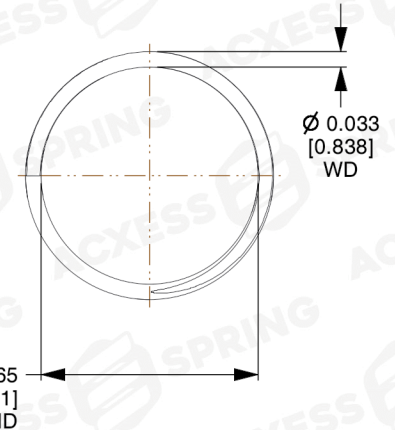


Part Name:	Date: 06/02/2026
Part #: in PC033-531-12000-SST-2097-CG-N-IN	
Spring Type: Compression Spring	End Type: Closed & Ground End
Finish: None	Direction of Wind: Right Hand
Material: Stainless 302 ASTM A313	Spring Index (I): 15.091
Weight / M: 4.641 Lbs	Length of W: 18.774 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.033 in	[0.838 mm]	+/- 0.001
Outer Diameter (OD)	0.531 in	[13.487 mm]	+/- 0.015
Mean Diameter (MD)	0.498 in	[12.649 mm]	+/- 0.015
Inner Diameter (ID)	0.465 in	[11.811 mm]	+/- 0.015
Free Length (FL)	2.097 in	[53.264 mm]	+/- 0.100
Active Coils (AC)	10.000	10.000	+/- 1/4 Coil
Total Coils (TC)	12.000	12.000	+/- 1/4 Coil
Solid Height (SH)	0.396 in	[10.058 mm]	+/- 0.028
Coil Pitch (CP)	0.203 in	[5.159 mm]	
Rise Angle (RA)	7.397	[7.397]	
Spring Rate (K)	1.19420 lbs/in	0.209 N/mm	+/- 0.119
Max Load (ML)	2.031 lbf	9.036 N	+/- 0.203
Max Travel (MT)	1.701 in	43.205 mm	
Material Shear Modulus (G)	9949475.938 PSI	68599221788.087 Pa	
Max Shear Stress Possible (t max)	133950.000 PSI	923552739.397 Pa	
Wahl Correction Factor (W)	1.094	1.094	



Notes	Scale: 2.432	Revision #:	Drawn By:	Approved By:
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