



By **ACCESS SPRING**

**Force that
EMPOWERS**

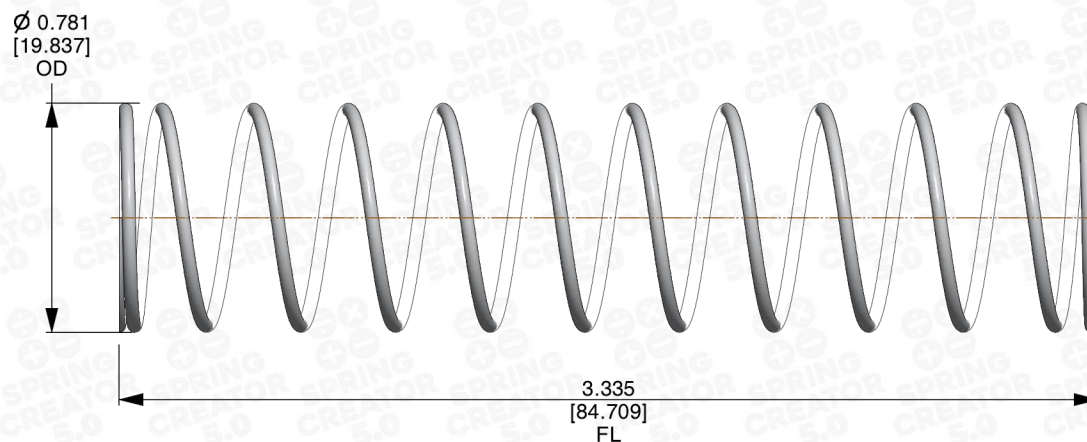
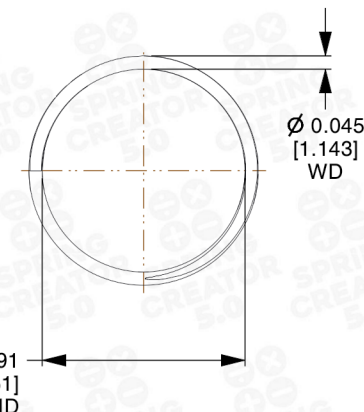
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Part Name:	Date: 06/02/2026
Part #: in PC045-781-13000-SST-3335-CG-N-IN	
(Click to see Part # on Website)	
Spring Type: Compression Spring	End Type: Closed & Ground End
Finish: None	Direction of Wind: Right Hand
Material: Stainless 302 ASTM A313	Spring Index (I): 16.356
Weight / M: 13.817 Lbs	Length of W: 30.059 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.045 in	[1.143 mm]	+/- 0.001
Outer Diameter (OD)	0.781 in	[19.837 mm]	+/- 0.015
Mean Diameter (MD)	0.736 in	[18.694 mm]	+/- 0.015
Inner Diameter (ID)	0.691 in	[17.551 mm]	+/- 0.015
Free Length (FL)	3.335 in	[84.709 mm]	+/- 0.100
Active Coils (AC)	11.000	11.000	+/- 1/4 Coil
Total Coils (TC)	13.000	13.000	+/- 1/4 Coil
Solid Height (SH)	0.585 in	[14.859 mm]	+/- 0.041
Coil Pitch (CP)	0.295 in	[7.493 mm]	
Rise Angle (RA)	7.271	[7.271]	
Spring Rate (K)	1.163 lbs/in	0.204 N/mm	+/- 0.116
Max Load (ML)	3.198 lbf	14.225 N	+/- 0.320
Max Travel (MT)	2.750 in	69.850 mm	
Material Shear Modulus (G)	9949475.938 PSI	68599221788.087 Pa	
Max Shear Stress Possible (t max)	127840.000 PSI	881425772.337 Pa	
Wahl Correction Factor (W)	1.086	1.086	



Notes	Scale: 1.529	Revision #:	Drawn By:	Approved By:
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