



By **ACCESS SPRING**

**Force that
EMPOWERS**

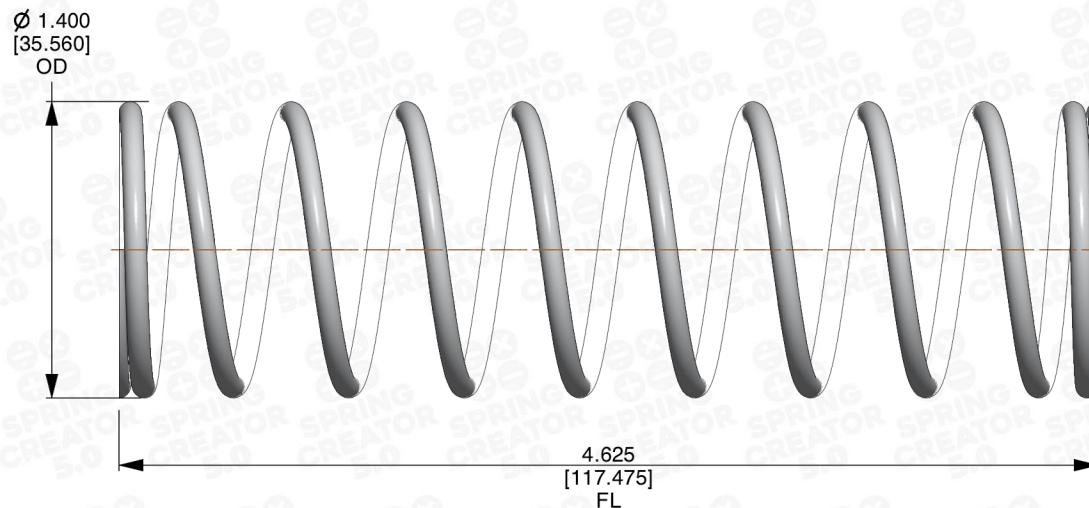
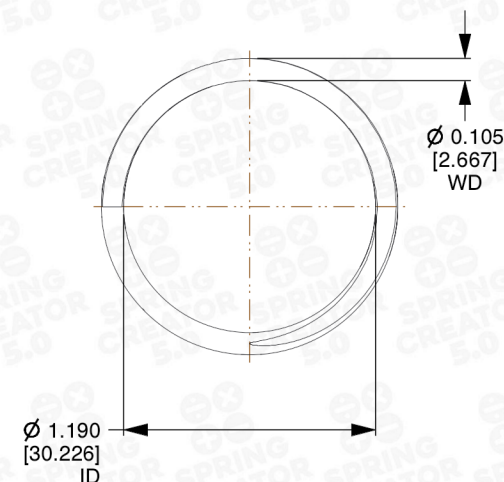
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Part Name:	Date: 06/02/2026
Part #: in PC105-1400-11000-SST-4625-CG-N-IN	
(Click to see Part # on Website)	
Spring Type: Compression Spring	End Type: Closed & Ground End
Finish: None	Direction of Wind: Right Hand
Material: Stainless 302 ASTM A313	Spring Index (I): 12.333
Weight / M: 111.997 Lbs	Length of W: 44.752 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.105 in	[2.667 mm]	+/- 0.001
Outer Diameter (OD)	1.400 in	[35.560 mm]	+/- 0.030
Mean Diameter (MD)	1.295 in	[32.893 mm]	+/- 0.030
Inner Diameter (ID)	1.190 in	[30.226 mm]	+/- 0.030
Free Length (FL)	4.625 in	[117.475 mm]	+/- 0.200
Active Coils (AC)	9.000	9.000	+/- 1/4 Coil
Total Coils (TC)	11.000	11.000	+/- 1/4 Coil
Solid Height (SH)	1.155 in	[29.337 mm]	+/- 0.081
Coil Pitch (CP)	0.491 in	[12.461 mm]	
Rise Angle (RA)	6.875	[6.875]	
Spring Rate (K)	7.734 lbs/in	1.354 N/mm	+/- 0.773
Max Load (ML)	26.838 lbf	119.380 N	+/- 2.684
Max Travel (MT)	3.470 in	88.138 mm	
Material Shear Modulus (G)	9949475.938 PSI	68599221788.087 Pa	
Max Shear Stress Possible (t max)	109040.000 PSI	751804335.229 Pa	
Wahl Correction Factor (W)	1.116	1.116	



Notes	Scale: 1.103	Revision #:	Drawn By:	Approved By:
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