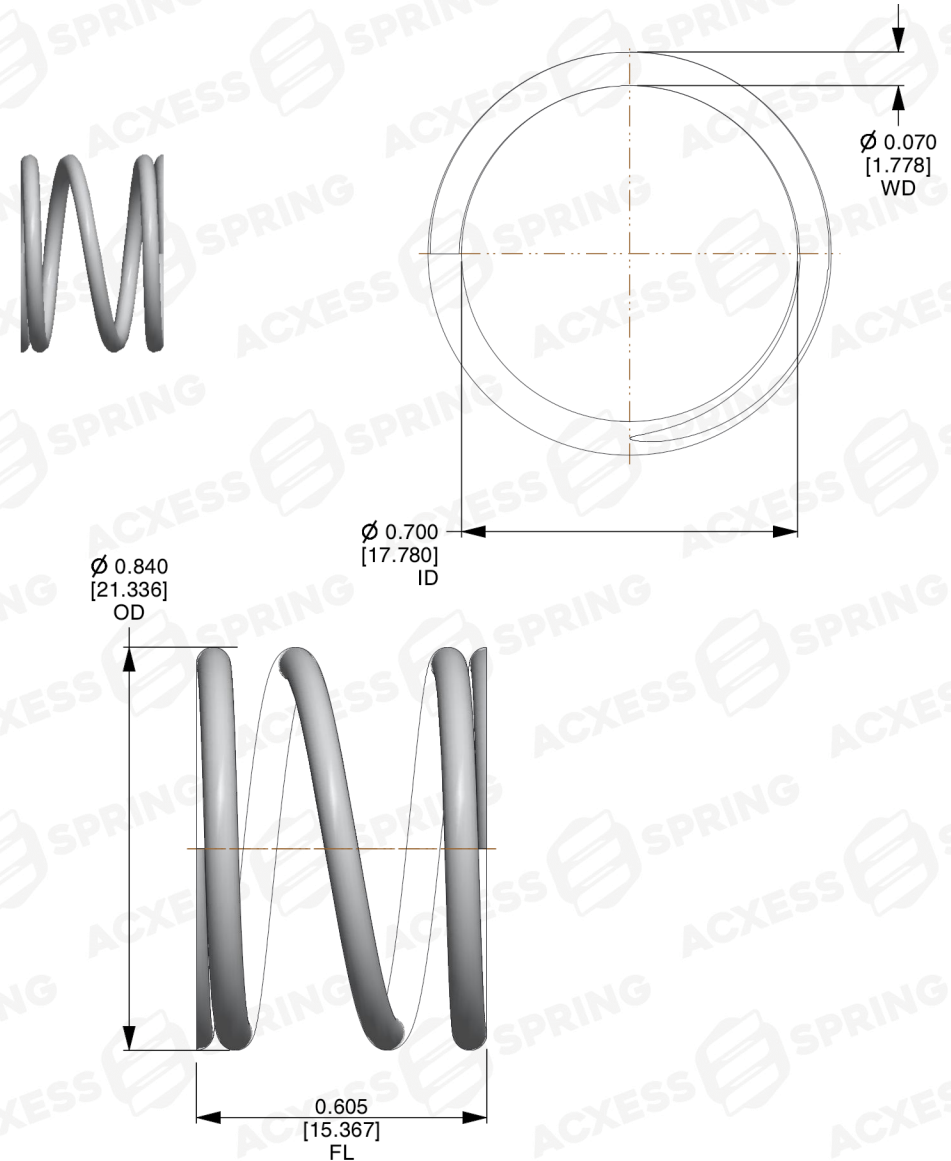


Part Name:	Date: 06/02/2026
Part #: in PC070-840-4000-SST-0605-CG-N-IN	
Spring Type: Compression Spring	End Type: Closed & Ground End
Finish: None	Direction of Wind: Right Hand
Material: Stainless 302 ASTM A313	Spring Index (I): 11.000
Weight / M: 10.762 Lbs	Length of W: 9.676 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.070 in	[1.778 mm]	+/- 0.001
Outer Diameter (OD)	0.840 in	[21.336 mm]	+/- 0.015
Mean Diameter (MD)	0.770 in	[19.558 mm]	+/- 0.015
Inner Diameter (ID)	0.700 in	[17.780 mm]	+/- 0.015
Free Length (FL)	0.605 in	[15.367 mm]	+/- 0.025
Active Coils (AC)	2.000	2.000	+/- 1/4 Coil
Total Coils (TC)	4.000	4.000	+/- 1/4 Coil
Solid Height (SH)	0.280 in	[7.112 mm]	+/- 0.020
Coil Pitch (CP)	0.233 in	[5.905 mm]	
Rise Angle (RA)	5.490	[5.490]	
Spring Rate (K)	32.704 lbs/in	5.727 N/mm	+/- 3.270
Max Load (ML)	10.629 lbf	47.279 N	+/- 1.063
Max Travel (MT)	0.325 in	8.255 mm	
Material Shear Modulus (G)	9949475.938 PSI	68599221788.087 Pa	
Max Shear Stress Possible (t max)	118440.000 PSI	816615053.783 Pa	
Wahl Correction Factor (W)	1.131	1.131	



Notes	Scale: 2.500	Revision #:	Drawn By:	Approved By:
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