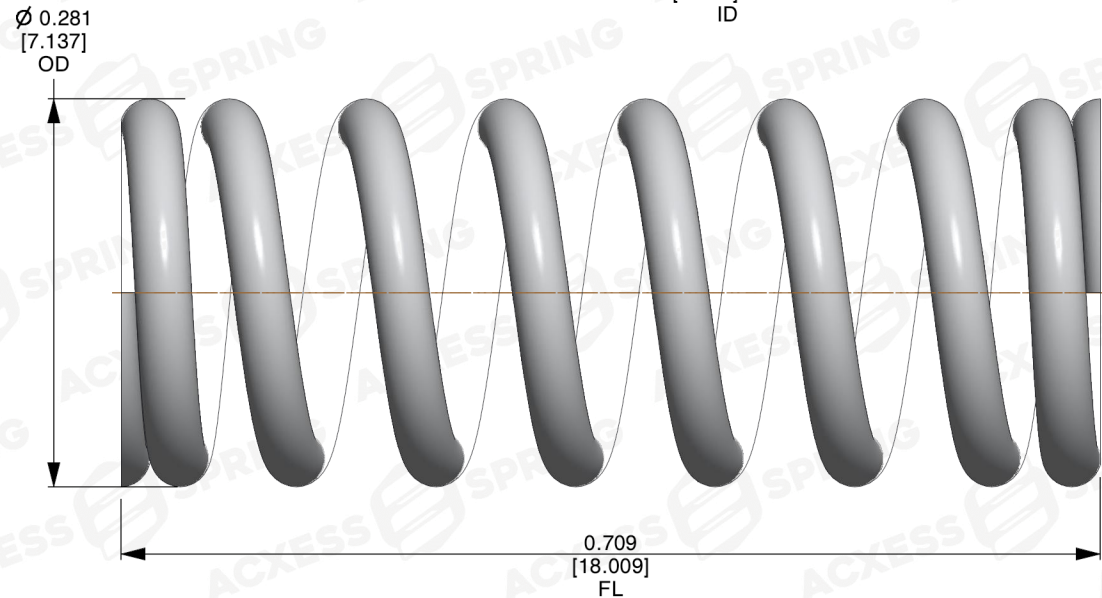
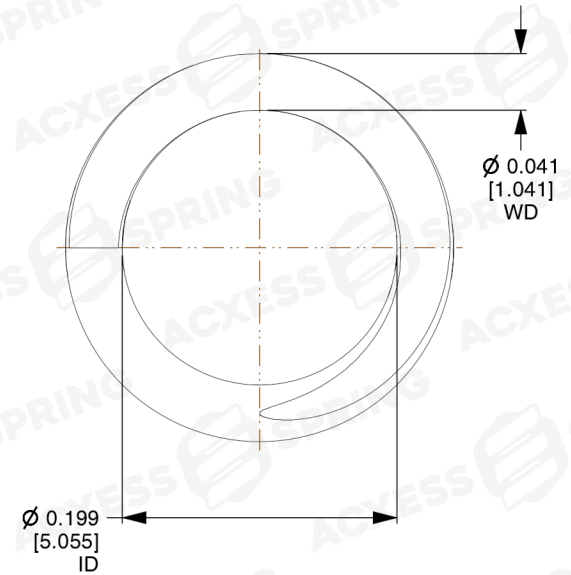
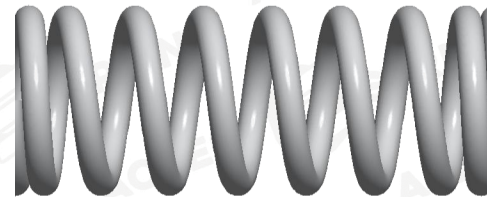


Part Name:	Date: 06/02/2026
Part #: in PC041-281-9000-SST-0709-CG-N-IN	
Spring Type: Compression Spring	End Type: Closed & Ground End
Finish: None	Direction of Wind: Right Hand
Material: Stainless 302 ASTM A313	Spring Index (I): 5.854
Weight / M: 2.589 Lbs	Length of W: 6.786 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.041 in	[1.041 mm]	+/- 0.001
Outer Diameter (OD)	0.281 in	[7.137 mm]	+/- 0.008
Mean Diameter (MD)	0.240 in	[6.096 mm]	+/- 0.008
Inner Diameter (ID)	0.199 in	[5.055 mm]	+/- 0.008
Free Length (FL)	0.709 in	[18.009 mm]	+/- 0.025
Active Coils (AC)	7.000	7.000	+/- 1/4 Coil
Total Coils (TC)	9.000	9.000	+/- 1/4 Coil
Solid Height (SH)	0.369 in	[9.373 mm]	+/- 0.026
Coil Pitch (CP)	0.090 in	[2.276 mm]	
Rise Angle (RA)	6.775	[6.775]	
Spring Rate (K)	36.317 lbs/in	6.360 N/mm	+/- 3.632
Max Load (ML)	11.572 lbf	51.474 N	+/- 1.157
Max Travel (MT)	0.319 in	8.092 mm	
Material Shear Modulus (G)	9949475.938 PSI	68599221788.087 Pa	
Max Shear Stress Possible (t max)	129250.000 PSI	891147380.120 Pa	
Wahl Correction Factor (W)	1.260	1.260	



Notes	Scale: 7.193	Revision #:	Drawn By:	Approved By:
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