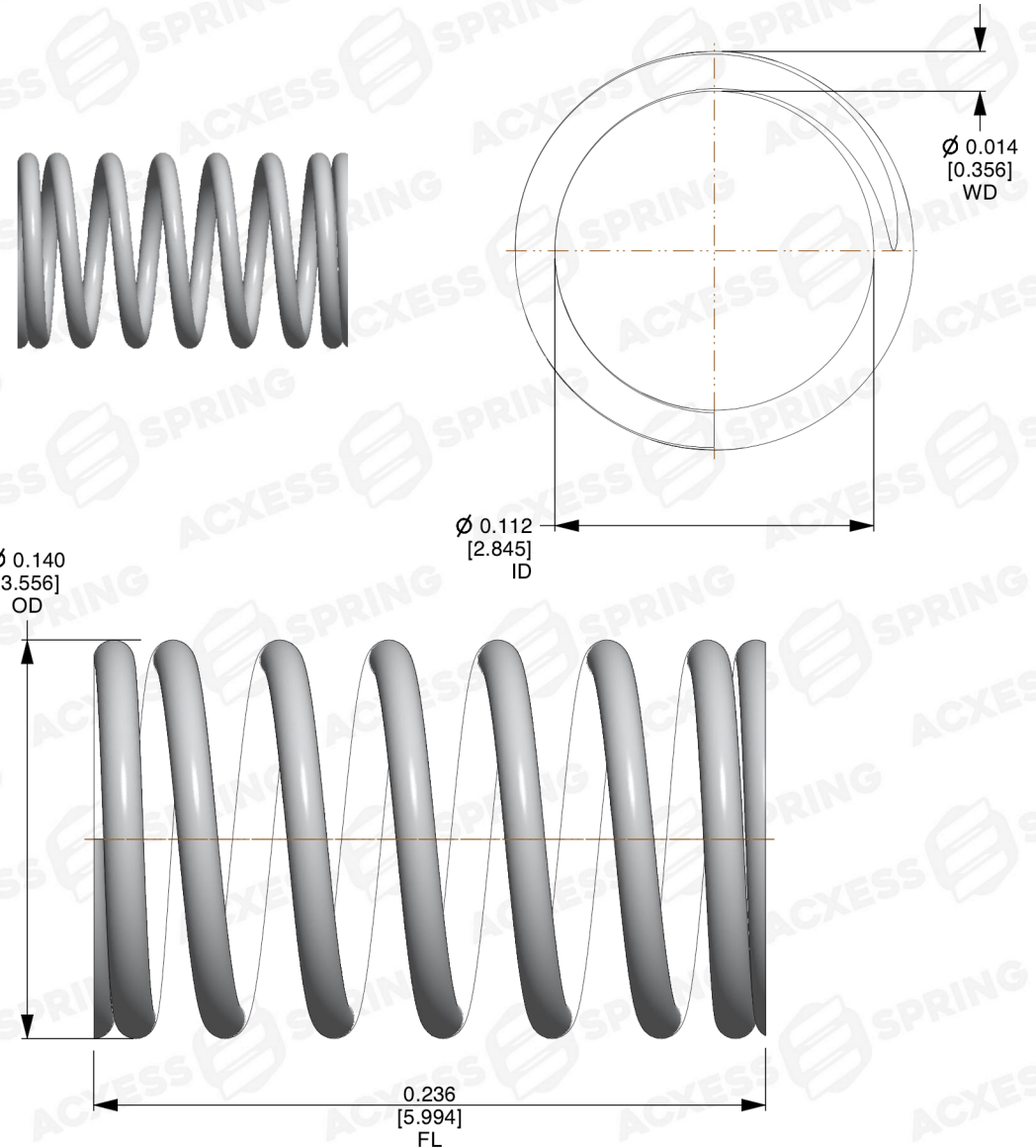


Part Name:	Date: 06/02/2026
Part #: in PC014-140-8250-SST-0236-CG-N-IN	
(Click to see Part # on Website)	
Spring Type: Compression Spring	End Type: Closed & Ground End
Finish: None	Direction of Wind: Right Hand
Material: Stainless 302 ASTM A313	Spring Index (I): 9.000
Weight / M: 0.145 Lbs	Length of W: 3.266 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.014 in	[0.356 mm]	+/- 0.001
Outer Diameter (OD)	0.140 in	[3.556 mm]	+/- 0.005
Mean Diameter (MD)	0.126 in	[3.200 mm]	+/- 0.005
Inner Diameter (ID)	0.112 in	[2.845 mm]	+/- 0.005
Free Length (FL)	0.236 in	[5.994 mm]	+/- 0.015
Active Coils (AC)	6.250	6.250	+/- 1/4 Coil
Total Coils (TC)	8.250	8.250	+/- 1/4 Coil
Solid Height (SH)	0.116 in	[2.946 mm]	+/- 0.008
Coil Pitch (CP)	0.033 in	[0.846 mm]	
Rise Angle (RA)	4.806	[4.806]	
Spring Rate (K)	3.821 lbs/in	0.669 N/mm	+/- 0.382
Max Load (ML)	0.461 lbf	2.048 N	+/- 0.046
Max Travel (MT)	0.120 in	3.061 mm	
Material Shear Modulus (G)	9949475.938 PSI	68599221788.087 Pa	
Max Shear Stress Possible (t max)	146640.000 PSI	1011047209.446 Pa	
Wahl Correction Factor (W)	1.162	1.162	



Notes	Scale: 15.000	Revision #:	Drawn By:	Approved By:
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