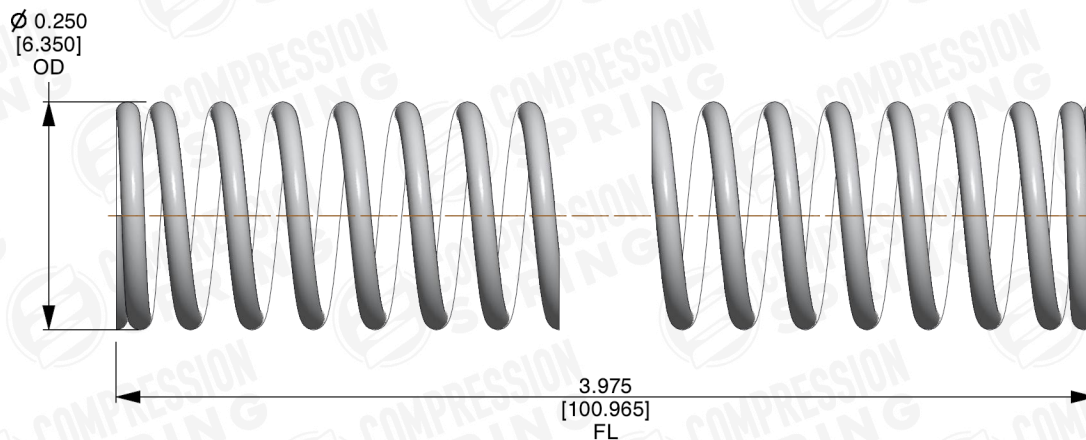
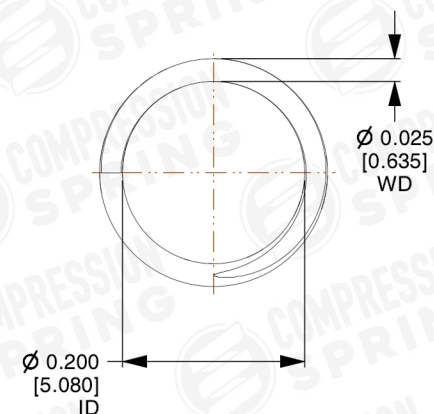


Part Name:	Date: 06/02/2026
Part #: in	PC025-250-61000-SST-3975-CG-N-IN 
(Click to see Part # on Website)	
Spring Type: Compression Spring	End Type: Closed & Ground End
Finish: None	Direction of Wind: Right Hand
Material: Stainless 302 ASTM A313	Spring Index (I): 9.000
Weight / M: 6.117 Lbs	Length of W: 43.118 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.025 in	[0.635 mm]	+/- 0.001
Outer Diameter (OD)	0.250 in	[6.350 mm]	+/- 0.005
Mean Diameter (MD)	0.225 in	[5.715 mm]	+/- 0.005
Inner Diameter (ID)	0.200 in	[5.080 mm]	+/- 0.005
Free Length (FL)	3.975 in	[100.965 mm]	+/- 0.100
Active Coils (AC)	59.000	59.000	+/- 1/4 Coil
Total Coils (TC)	61.000	61.000	+/- 1/4 Coil
Solid Height (SH)	1.525 in	[38.735 mm]	+/- 0.107
Coil Pitch (CP)	0.067 in	[1.689 mm]	
Rise Angle (RA)	5.377	[5.377]	
Spring Rate (K)	0.72289 lbs/in	0.127 N/mm	+/- 0.072
Max Load (ML)	1.771 lbf	7.878 N	+/- 0.177
Max Travel (MT)	2.450 in	62.230 mm	
Material Shear Modulus (G)	9949475.938 PSI	68599221788.087 Pa	
Max Shear Stress Possible (t max)	137240.000 PSI	946236490.891 Pa	
Wahl Correction Factor (W)	1.162	1.162	



Notes	Scale: 4.747	Revision #:	Drawn By:	Approved By:
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