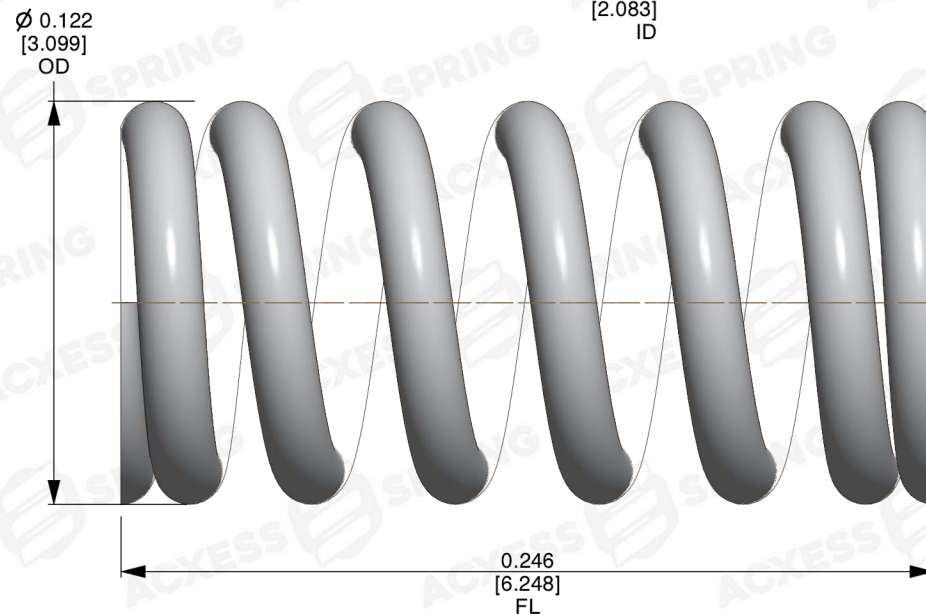
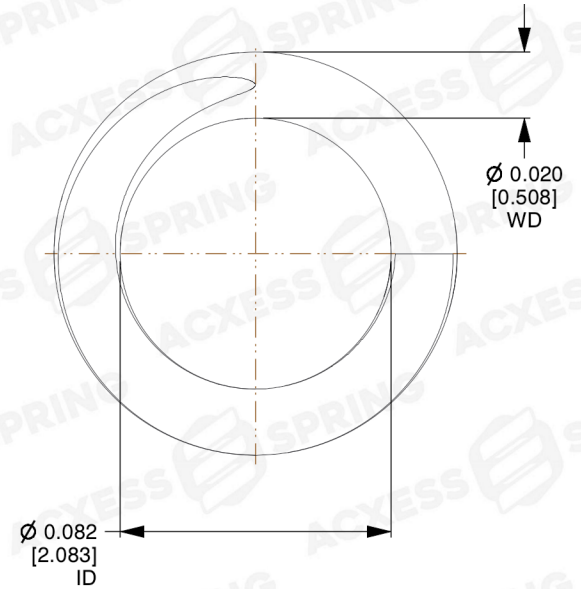
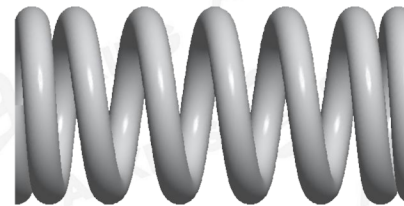


Part Name:	Date: 06/02/2026
Part #: in PC020-122-7500-177-0246-CG-N-IN	
Spring Type: Compression Spring	End Type: Closed & Ground End
Finish: None	Direction of Wind: Right Hand
Material: Stainless 17-7 ASTM A313	Spring Index (I): 5.100
Weight / M: 0.218 Lbs	Length of W: 2.403 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.020 in	[0.508 mm]	+/- 0.001
Outer Diameter (OD)	0.122 in	[3.099 mm]	+/- 0.005
Mean Diameter (MD)	0.102 in	[2.591 mm]	+/- 0.005
Inner Diameter (ID)	0.082 in	[2.083 mm]	+/- 0.005
Free Length (FL)	0.246 in	[6.248 mm]	+/- 0.015
Active Coils (AC)	5.500	5.500	+/- 1/4 Coil
Total Coils (TC)	7.500	7.500	+/- 1/4 Coil
Solid Height (SH)	0.150 in	[3.810 mm]	+/- 0.011
Coil Pitch (CP)	0.037 in	[0.952 mm]	
Rise Angle (RA)	6.667	[6.667]	
Spring Rate (K)	37.61268 lbs/in	6.587 N/mm	+/- 3.761
Max Load (ML)	3.220 lbf	14.325 N	+/- 0.322
Max Travel (MT)	0.086 in	2.174 mm	
Material Shear Modulus (G)	10976591.435 PSI	75680933850.195 Pa	
Max Shear Stress Possible (t max)	136300.000 PSI	939755419.036 Pa	
Wahl Correction Factor (W)	1.304	1.304	



Notes	Scale: 17.213	Revision #:	Drawn By:	Approved By:
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