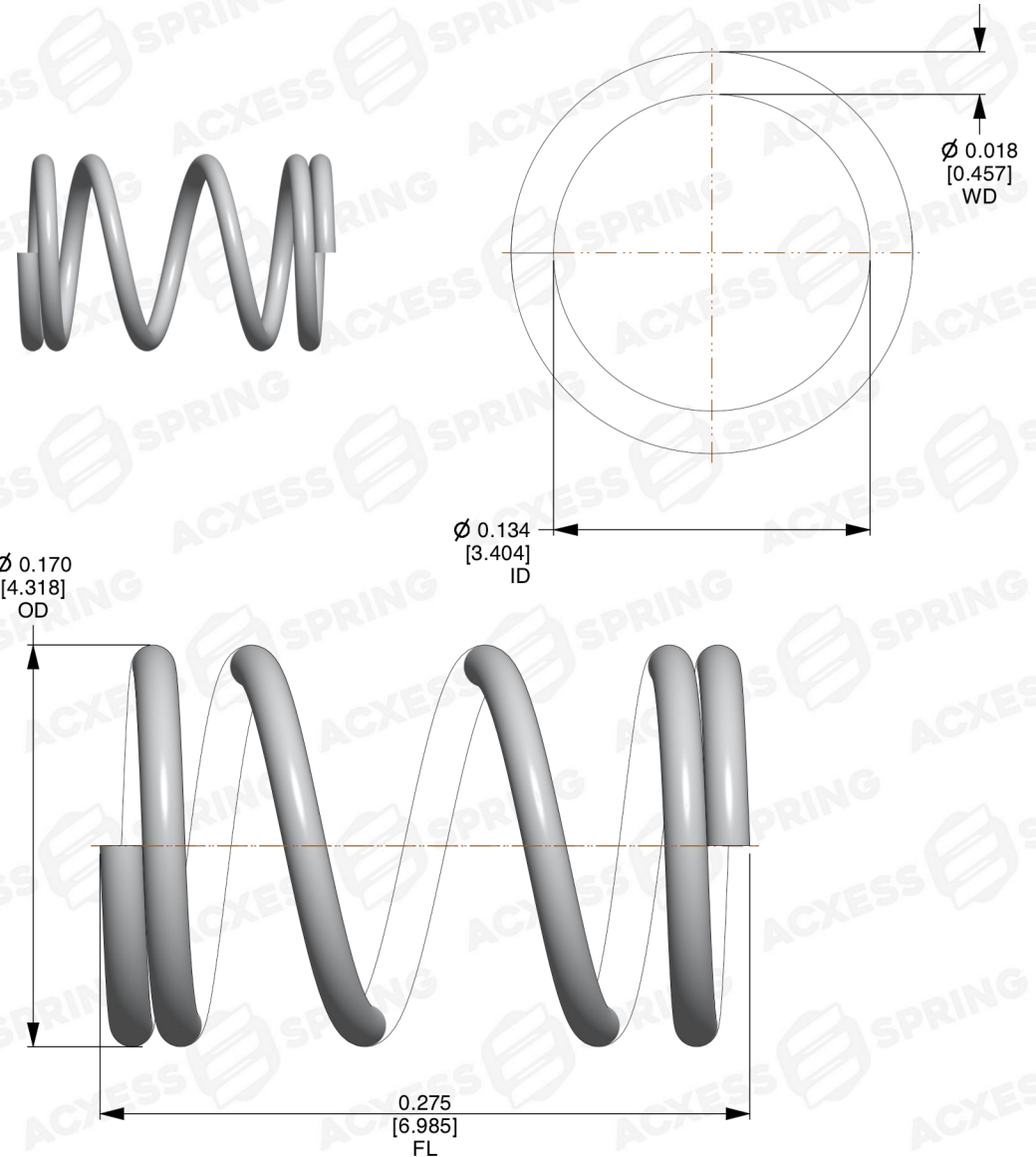


Part Name:	Date: 06/02/2026
Part #: in PC018-170-5000-SST-0275-C-N-IN	
(Click to see Part # on Website)	
Spring Type: Compression Spring	End Type: Closed End
Finish: None	Direction of Wind: Right Hand
Material: Stainless 302 ASTM A313	Spring Index (I): 8.444
Weight / M: 0.176 Lbs	Length of W: 2.388 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.018 in	[0.457 mm]	+/- 0.001
Outer Diameter (OD)	0.170 in	[4.318 mm]	+/- 0.005
Mean Diameter (MD)	0.152 in	[3.861 mm]	+/- 0.005
Inner Diameter (ID)	0.134 in	[3.404 mm]	+/- 0.005
Free Length (FL)	0.275 in	[6.985 mm]	+/- 0.015
Active Coils (AC)	3.000	3.000	+/- 1/4 Coil
Total Coils (TC)	5.000	5.000	+/- 1/4 Coil
Solid Height (SH)	0.108 in	[2.743 mm]	+/- 0.008
Coil Pitch (CP)	0.074 in	[1.872 mm]	
Rise Angle (RA)	8.770	[8.770]	
Spring Rate (K)	12.392 lbs/in	2.170 N/mm	+/- 1.239
Max Load (ML)	1.834 lbf	8.160 N	+/- 0.183
Max Travel (MT)	0.148 in	3.759 mm	
Material Shear Modulus (G)	9949475.938 PSI	68599221788.087 Pa	
Max Shear Stress Possible (t max)	142880.000 PSI	985122922.024 Pa	
Wahl Correction Factor (W)	1.174	1.174	



Notes	Scale: 12.353	Revision #:	Drawn By:	Approved By:
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