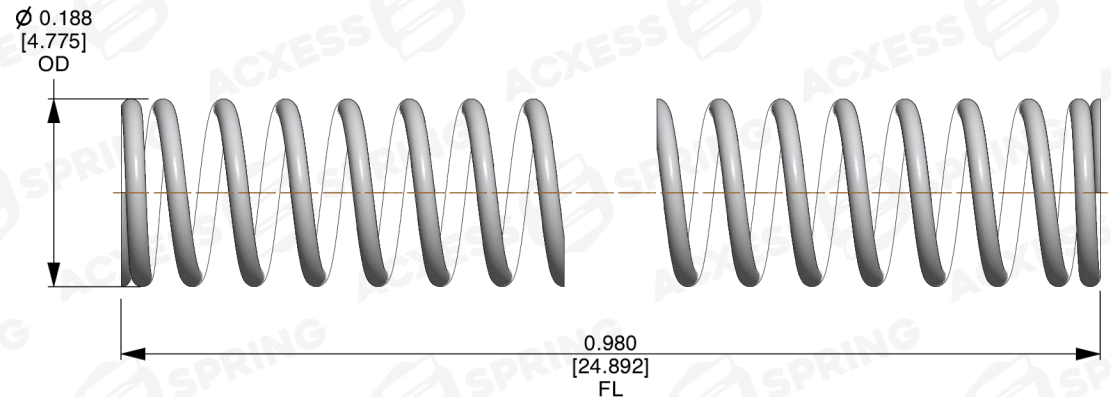
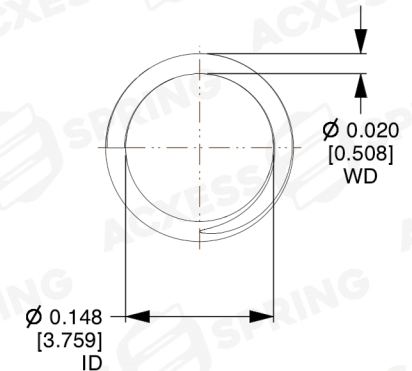


Part Name:	Date: 06/02/2026
Part #: in PC020-188-18000-SST-0980-CG-N-IN 	
Spring Type: Compression Spring	End Type: Closed & Ground End
Finish: None	Direction of Wind: Right Hand
Material: Stainless 302 ASTM A313	Spring Index (I): 8.400
Weight / M: 0.863 Lbs	Length of W: 9.500 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.020 in	[0.508 mm]	+/- 0.001
Outer Diameter (OD)	0.188 in	[4.775 mm]	+/- 0.005
Mean Diameter (MD)	0.168 in	[4.267 mm]	+/- 0.005
Inner Diameter (ID)	0.148 in	[3.759 mm]	+/- 0.005
Free Length (FL)	0.980 in	[24.892 mm]	+/- 0.025
Active Coils (AC)	16.000	16.000	+/- 1/4 Coil
Total Coils (TC)	18.000	18.000	+/- 1/4 Coil
Solid Height (SH)	0.360 in	[9.144 mm]	+/- 0.025
Coil Pitch (CP)	0.059 in	[1.491 mm]	
Rise Angle (RA)	6.352	[6.352]	
Spring Rate (K)	2.62290 lbs/in	0.459 N/mm	+/- 0.262
Max Load (ML)	1.626 lbf	7.234 N	+/- 0.163
Max Travel (MT)	0.620 in	15.748 mm	
Material Shear Modulus (G)	9949475.938 PSI	68599221788.087 Pa	
Max Shear Stress Possible (t max)	141000.000 PSI	972160778.313 Pa	
Wahl Correction Factor (W)	1.175	1.175	



Notes	Scale: 5.204	Revision #:	Drawn By:	Approved By:
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