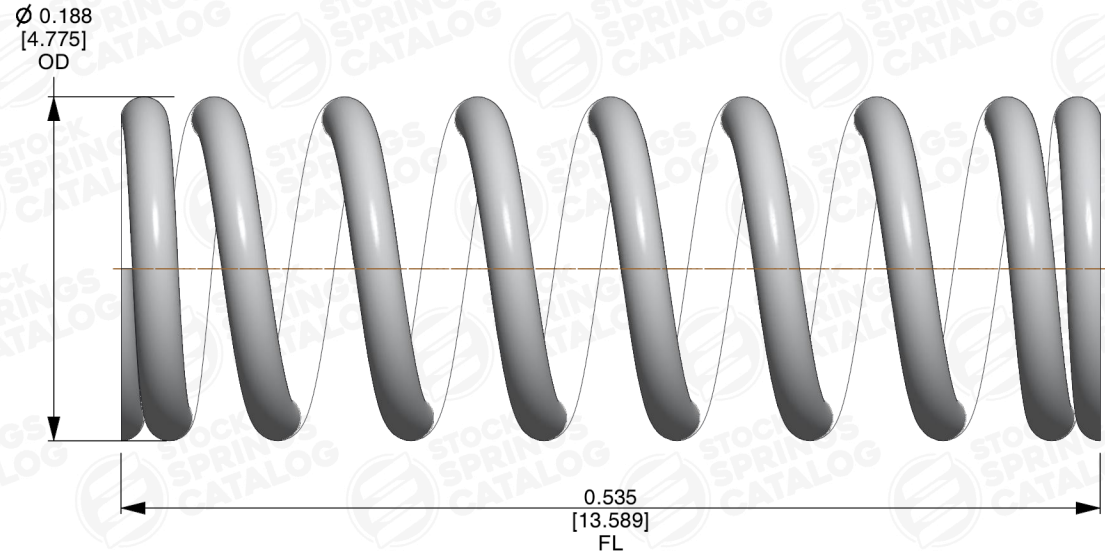
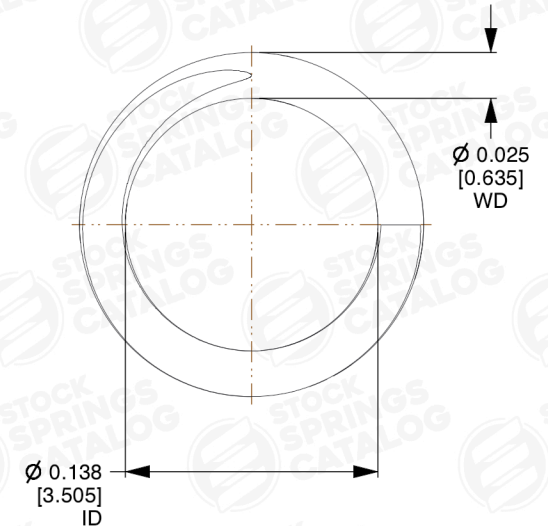
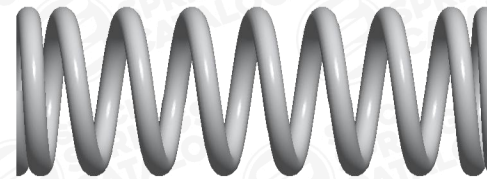


Part Name:	Date: 06/02/2026
Part #: in (Click to see Part # on Website)	PC025-188-9500-SST-0535-CG-N-IN ↗
Spring Type: Compression Spring	End Type: Closed & Ground End
Finish: None	Direction of Wind: Right Hand
Material: Stainless 302 ASTM A313	Spring Index (I): 6.520
Weight / M: 0.690 Lbs	Length of W: 4.865 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.025 in	[0.635 mm]	+/- 0.001
Outer Diameter (OD)	0.188 in	[4.775 mm]	+/- 0.005
Mean Diameter (MD)	0.163 in	[4.140 mm]	+/- 0.005
Inner Diameter (ID)	0.138 in	[3.505 mm]	+/- 0.005
Free Length (FL)	0.535 in	[13.589 mm]	+/- 0.025
Active Coils (AC)	7.500	7.500	+/- 1/4 Coil
Total Coils (TC)	9.500	9.500	+/- 1/4 Coil
Solid Height (SH)	0.238 in	[6.045 mm]	+/- 0.017
Coil Pitch (CP)	0.065 in	[1.643 mm]	
Rise Angle (RA)	7.197	[7.197]	
Spring Rate (K)	14.95706 lbs/in	2.619 N/mm	+/- 1.496
Max Load (ML)	4.199 lbf	18.680 N	+/- 0.420
Max Travel (MT)	0.281 in	7.132 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)	1.230	1.230	



Notes	Scale: 9.533	Revision #:	Drawn By:	Approved By:
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