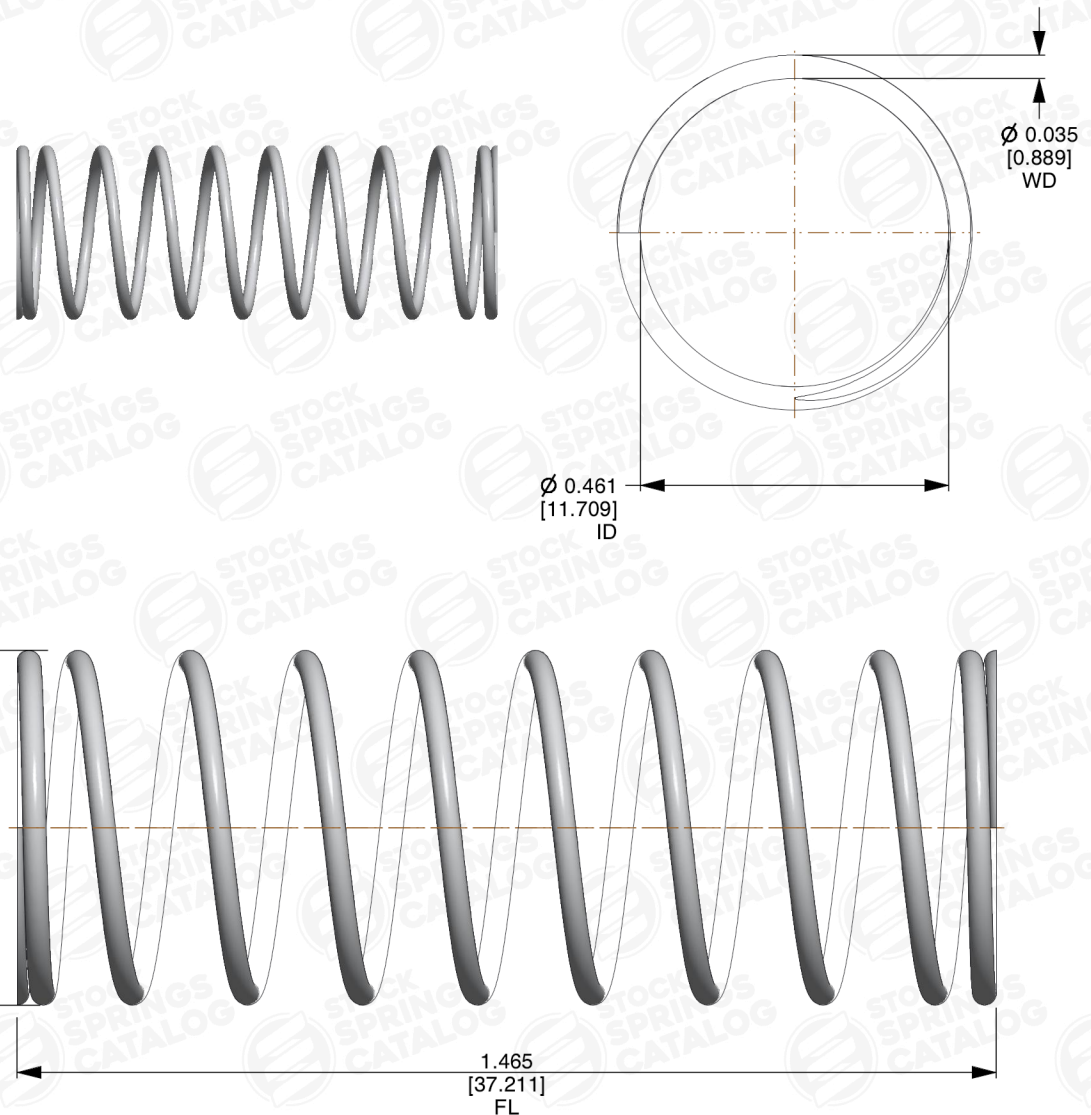


Part Name:	Date: 06/02/2026
Part #: in PC035-531-11000-SST-1465-CG-N-IN	
(Click to see Part # on Website)	
Spring Type: Compression Spring	End Type: Closed & Ground End
Finish: None	Direction of Wind: Right Hand
Material: Stainless 302 ASTM A313	Spring Index (I): 14.171
Weight / M: 4.766 Lbs	Length of W: 17.140 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.035 in	[0.889 mm]	+/- 0.001
Outer Diameter (OD)	0.531 in	[13.487 mm]	+/- 0.015
Mean Diameter (MD)	0.496 in	[12.598 mm]	+/- 0.015
Inner Diameter (ID)	0.461 in	[11.709 mm]	+/- 0.015
Free Length (FL)	1.465 in	[37.211 mm]	+/- 0.050
Active Coils (AC)	9.000	9.000	+/- 1/4 Coil
Total Coils (TC)	11.000	11.000	+/- 1/4 Coil
Solid Height (SH)	0.385 in	[9.779 mm]	+/- 0.027
Coil Pitch (CP)	0.155 in	[3.937 mm]	
Rise Angle (RA)	5.681	[5.681]	
Spring Rate (K)	1.69940 lbs/in	0.298 N/mm	+/- 0.170
Max Load (ML)	1.835 lbf	8.164 N	+/- 0.183
Max Travel (MT)	1.080 in	27.432 mm	
Material Shear Modulus (G)	9949475.938 PSI	68599221788.087 Pa	
Max Shear Stress Possible (t max)	132540.000 PSI	913831131.614 Pa	
Wahl Correction Factor (W)	1.100	1.100	



Notes	Scale: 3.481	Revision #:	Drawn By:	Approved By:
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