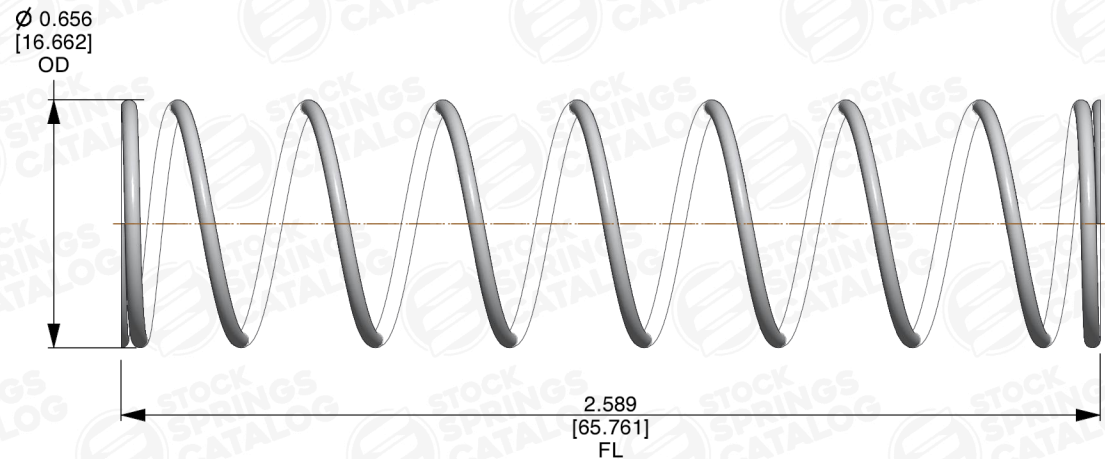
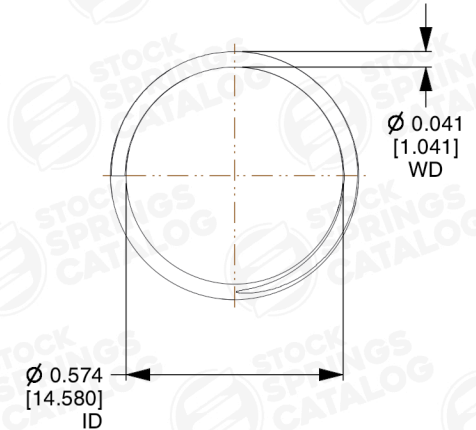


Part Name:	Date: 06/02/2026
Part #: in	PC041-656-10000-SST-2589-CG-N-IN 
(Click to see Part # on Website)	
Spring Type: Compression Spring	End Type: Closed & Ground End
Finish: None	Direction of Wind: Right Hand
Material: Stainless 302 ASTM A313	Spring Index (I): 15.000
Weight / M: 7.372 Lbs	Length of W: 19.321 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.041 in	[1.041 mm]	+/- 0.001
Outer Diameter (OD)	0.656 in	[16.662 mm]	+/- 0.015
Mean Diameter (MD)	0.615 in	[15.621 mm]	+/- 0.015
Inner Diameter (ID)	0.574 in	[14.580 mm]	+/- 0.015
Free Length (FL)	2.589 in	[65.761 mm]	+/- 0.100
Active Coils (AC)	8.000	8.000	+/- 1/4 Coil
Total Coils (TC)	10.000	10.000	+/- 1/4 Coil
Solid Height (SH)	0.410 in	[10.414 mm]	+/- 0.029
Coil Pitch (CP)	0.313 in	[7.960 mm]	
Rise Angle (RA)	9.213	[9.213]	
Spring Rate (K)	1.889 lbs/in	0.331 N/mm	+/- 0.189
Max Load (ML)	4.115 lbf	18.305 N	+/- 0.411
Max Travel (MT)	2.179 in	55.347 mm	
Material Shear Modulus (G)	9949475.938 PSI	68599221788.087 Pa	
Max Shear Stress Possible (t max)	129250.000 PSI	891147380.120 Pa	
Wahl Correction Factor (W)	1.095	1.095	



Notes	Scale: 1.970	Revision #:	Drawn By:	Approved By:
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