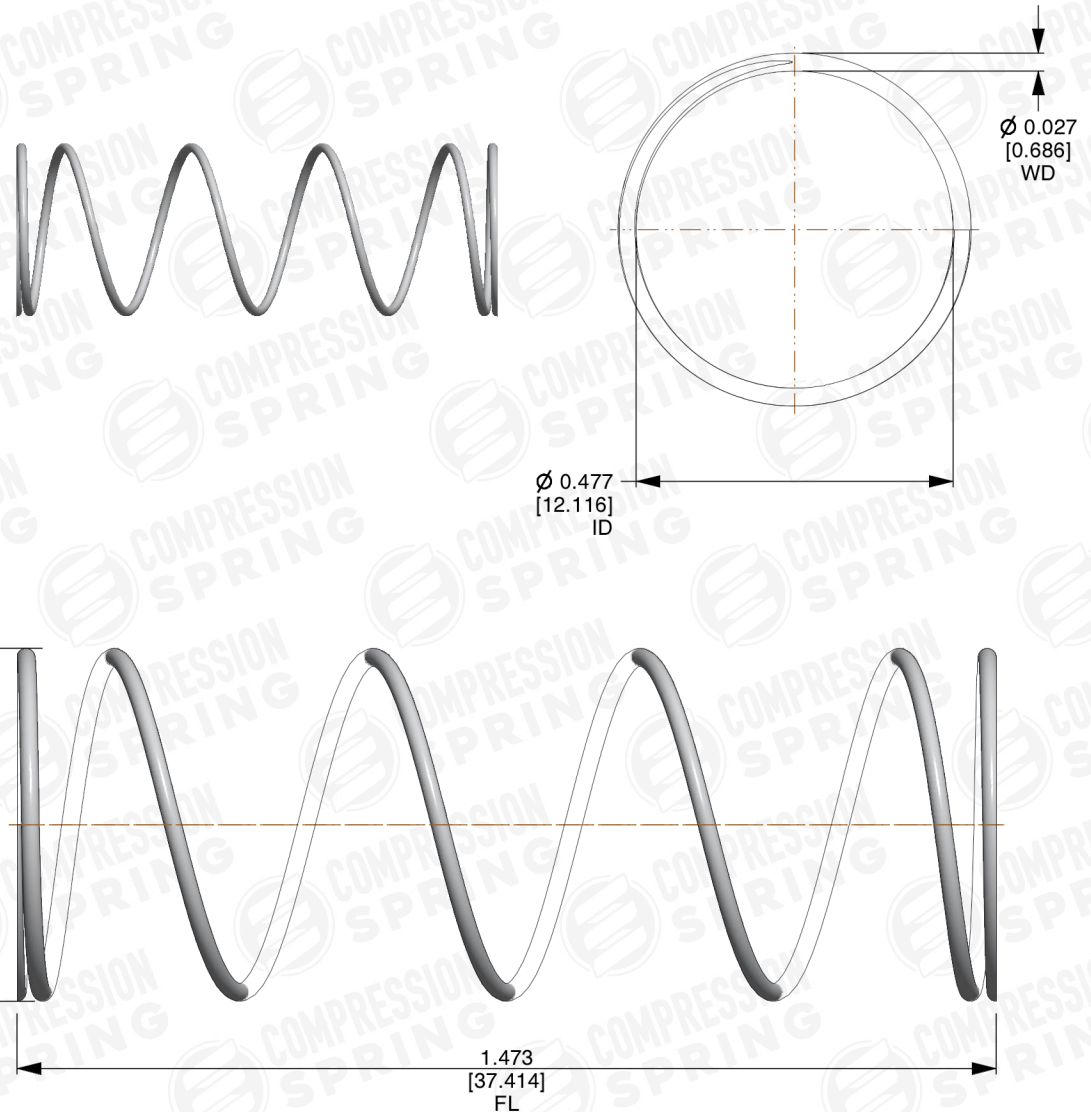


Part Name:	Date: 06/02/2026
Part #: in (Click to see Part # on Website)	PC027-531-6500-SST-1473-CG-N-IN 
Spring Type: Compression Spring	End Type: Closed & Ground End
Finish: None	Direction of Wind: Right Hand
Material: Stainless 302 ASTM A313	Spring Index (I): 18.667
Weight / M: 1.703 Lbs	Length of W: 10.292 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.027 in	[0.686 mm]	+/- 0.001
Outer Diameter (OD)	0.531 in	[13.487 mm]	+/- 0.015
Mean Diameter (MD)	0.504 in	[12.802 mm]	+/- 0.015
Inner Diameter (ID)	0.477 in	[12.116 mm]	+/- 0.015
Free Length (FL)	1.473 in	[37.414 mm]	+/- 0.050
Active Coils (AC)	4.500	4.500	+/- 1/4 Coil
Total Coils (TC)	6.500	6.500	+/- 1/4 Coil
Solid Height (SH)	0.175 in	[4.445 mm]	+/- 0.012
Coil Pitch (CP)	0.315 in	[8.009 mm]	
Rise Angle (RA)	11.263	[11.263]	
Spring Rate (K)	1.147 lbs/in	0.201 N/mm	+/- 0.115
Max Load (ML)	1.489 lbf	6.622 N	+/- 0.149
Max Travel (MT)	1.298 in	32.956 mm	
Material Shear Modulus (G)	9949475.938 PSI	68599221788.087 Pa	
Max Shear Stress Possible (t max)	136770.000 PSI	942995954.964 Pa	
Wahl Correction Factor (W)	1.075	1.075	



Notes	Scale: 3.462	Revision #:	Drawn By:	Approved By:
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