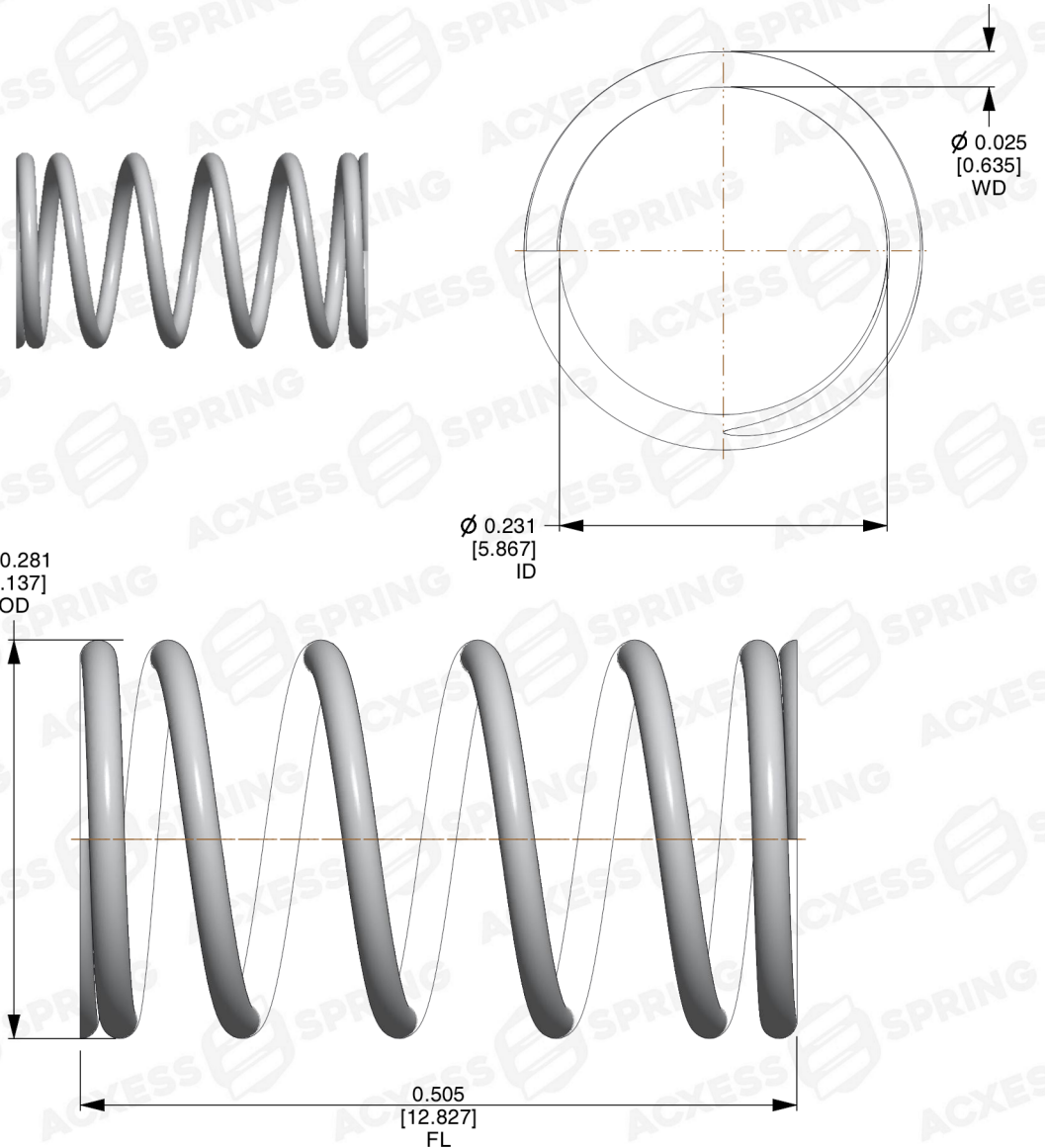


Part Name:	Date: 06/02/2026
Part #: in PC025-281-7000-SST-0505-CG-N-IN	
Spring Type: Compression Spring	End Type: Closed & Ground End
Finish: None	Direction of Wind: Right Hand
Material: Stainless 302 ASTM A313	Spring Index (I): 10.240
Weight / M: 0.799 Lbs	Length of W: 5.630 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.025 in	[0.635 mm]	+/- 0.001
Outer Diameter (OD)	0.281 in	[7.137 mm]	+/- 0.008
Mean Diameter (MD)	0.256 in	[6.502 mm]	+/- 0.008
Inner Diameter (ID)	0.231 in	[5.867 mm]	+/- 0.008
Free Length (FL)	0.505 in	[12.827 mm]	+/- 0.025
Active Coils (AC)	5.000	5.000	+/- 1/4 Coil
Total Coils (TC)	7.000	7.000	+/- 1/4 Coil
Solid Height (SH)	0.175 in	[4.445 mm]	+/- 0.012
Coil Pitch (CP)	0.091 in	[2.311 mm]	
Rise Angle (RA)	6.455	[6.455]	
Spring Rate (K)	5.79136 lbs/in	1.014 N/mm	+/- 0.579
Max Load (ML)	1.911 lbf	8.501 N	+/- 0.191
Max Travel (MT)	0.330 in	8.382 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)	1.141	1.141	



Notes	Scale: 7.473	Revision #:	Drawn By:	Approved By:
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