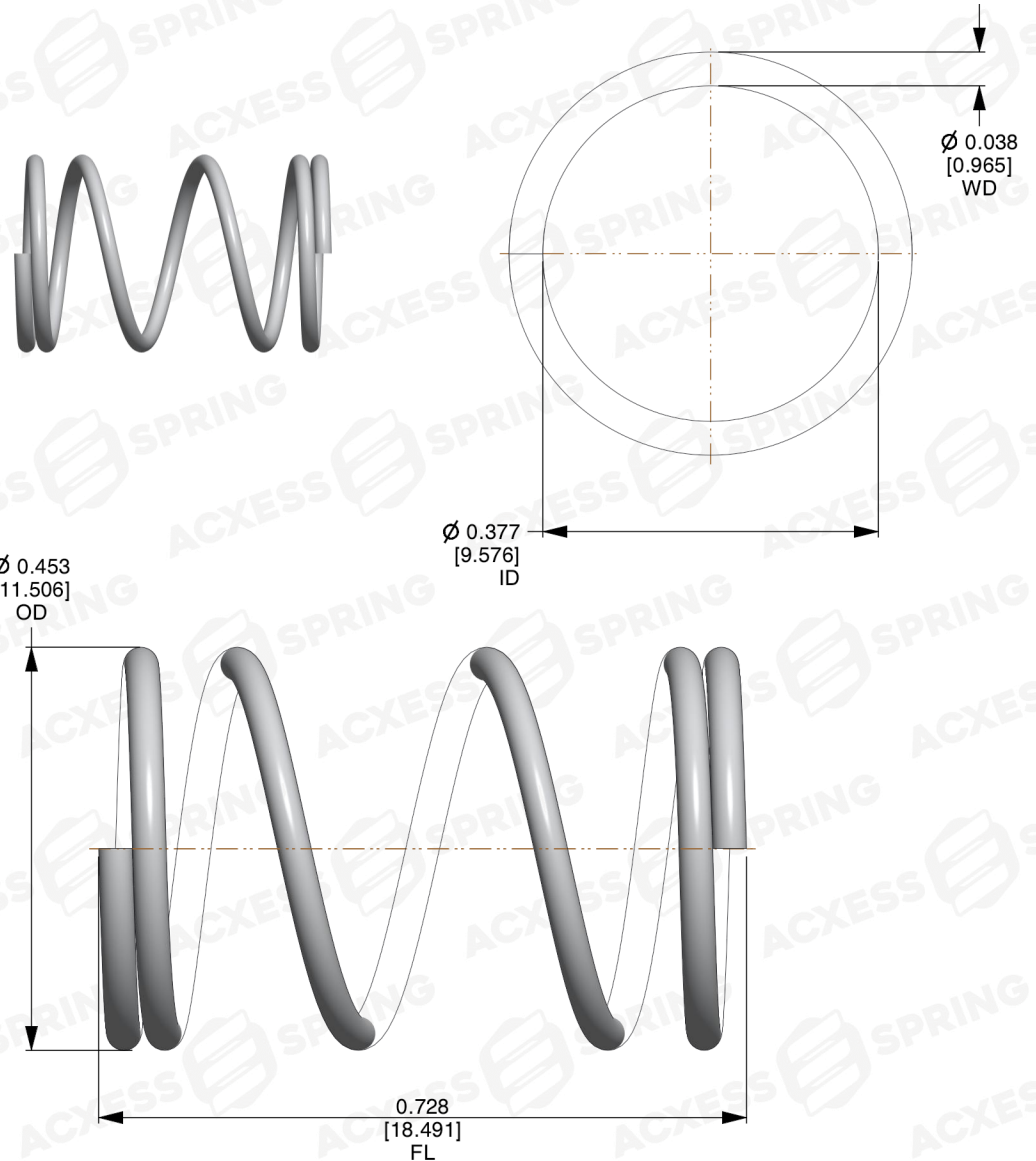


Part Name:	Date: 06/02/2026
Part #: in PC038-453-5000-SST-0728-C-N-IN	
Spring Type: Compression Spring	End Type: Closed End
Finish: None	Direction of Wind: Right Hand
Material: Stainless 302 ASTM A313	Spring Index (I): 10.921
Weight / M: 2.137 Lbs	Length of W: 6.519 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.038 in	[0.965 mm]	+/- 0.001
Outer Diameter (OD)	0.453 in	[11.506 mm]	+/- 0.008
Mean Diameter (MD)	0.415 in	[10.541 mm]	+/- 0.008
Inner Diameter (ID)	0.377 in	[9.576 mm]	+/- 0.008
Free Length (FL)	0.728 in	[18.491 mm]	+/- 0.025
Active Coils (AC)	3.000	3.000	+/- 1/4 Coil
Total Coils (TC)	5.000	5.000	+/- 1/4 Coil
Solid Height (SH)	0.228 in	[5.791 mm]	+/- 0.016
Coil Pitch (CP)	0.205 in	[5.199 mm]	
Rise Angle (RA)	8.922	[8.922]	
Spring Rate (K)	12.09425 lbs/in	2.118 N/mm	+/- 1.209
Max Load (ML)	6.037 lbf	26.853 N	+/- 0.604
Max Travel (MT)	0.499 in	12.677 mm	
Material Shear Modulus (G)	9949475.938 PSI	68599221788.087 Pa	
Max Shear Stress Possible (t max)	131600.000 PSI	907350059.759 Pa	
Wahl Correction Factor (W)	1.132	1.132	



Notes	Scale: 4.636	Revision #:	Drawn By:	Approved By:
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