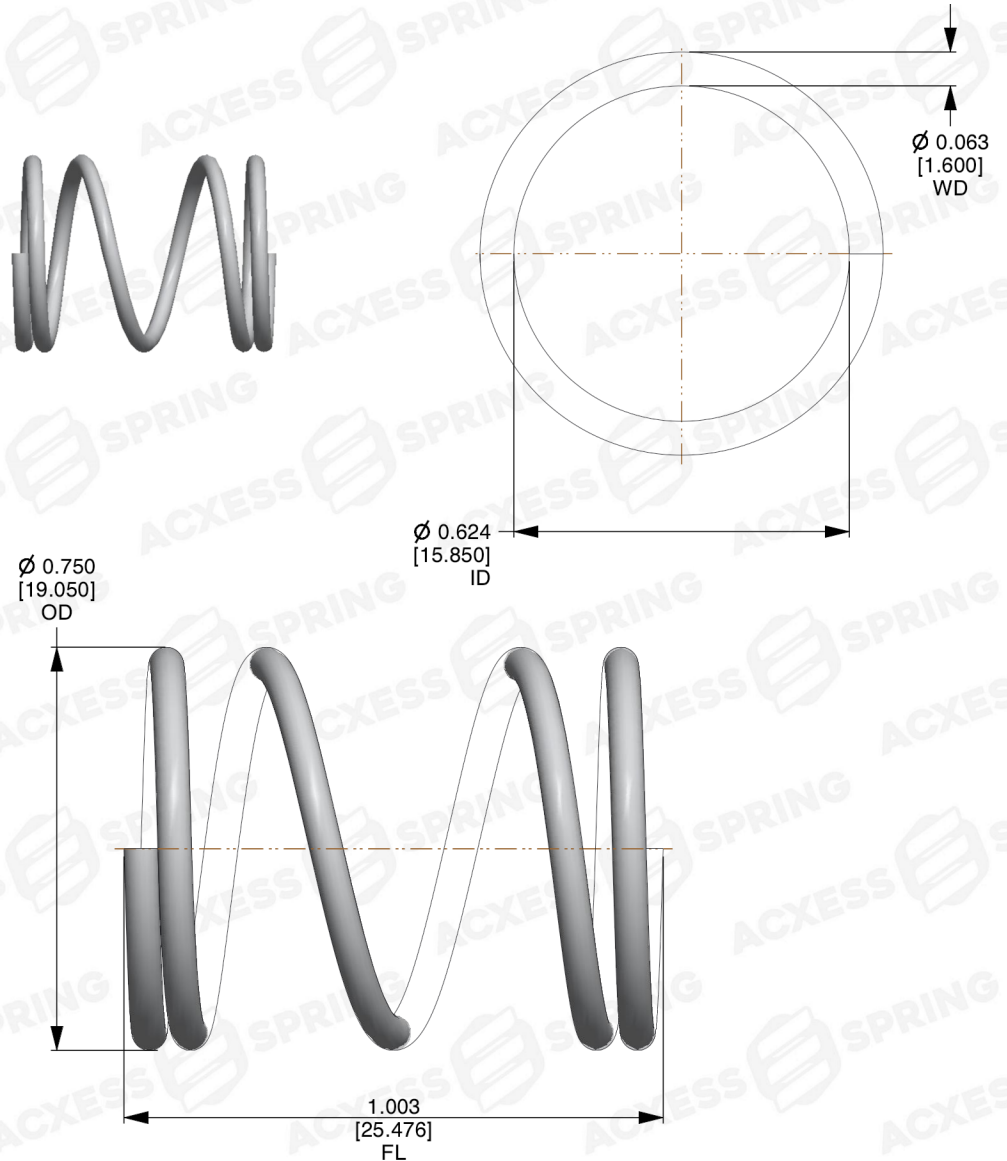


Part Name:	Date: 06/02/2026
Part #: in PC063-750-4500-SST-1002-C-N-IN	
(Click to see Part # on Website)	
Spring Type: Compression Spring	End Type: Closed End
Finish: None	Direction of Wind: Right Hand
Material: Stainless 302 ASTM A313	Spring Index (I): 10.905
Weight / M: 8.750 Lbs	Length of W: 9.712 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.063 in	[1.600 mm]	+/- 0.001
Outer Diameter (OD)	0.750 in	[19.050 mm]	+/- 0.015
Mean Diameter (MD)	0.687 in	[17.450 mm]	+/- 0.015
Inner Diameter (ID)	0.624 in	[15.850 mm]	+/- 0.015
Free Length (FL)	1.002 in	[25.451 mm]	+/- 0.050
Active Coils (AC)	2.500	2.500	+/- 1/4 Coil
Total Coils (TC)	4.500	4.500	+/- 1/4 Coil
Solid Height (SH)	0.347 in	[8.814 mm]	+/- 0.024
Coil Pitch (CP)	0.325 in	[8.260 mm]	
Rise Angle (RA)	8.569	[8.569]	
Spring Rate (K)	24.169 lbs/in	4.233 N/mm	+/- 2.417
Max Load (ML)	15.309 lbf	68.098 N	+/- 1.531
Max Travel (MT)	0.633 in	16.088 mm	
Material Shear Modulus (G)	9949475.938 PSI	68599221788.087 Pa	
Max Shear Stress Possible (t max)	121260.000 PSI	836058269.349 Pa	
Wahl Correction Factor (W)	1.132	1.132	



Notes	Scale: 2.800	Revision #:	Drawn By:	Approved By:
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