



By **ACCESS SPRING**

**Force that
EMPOWERS**

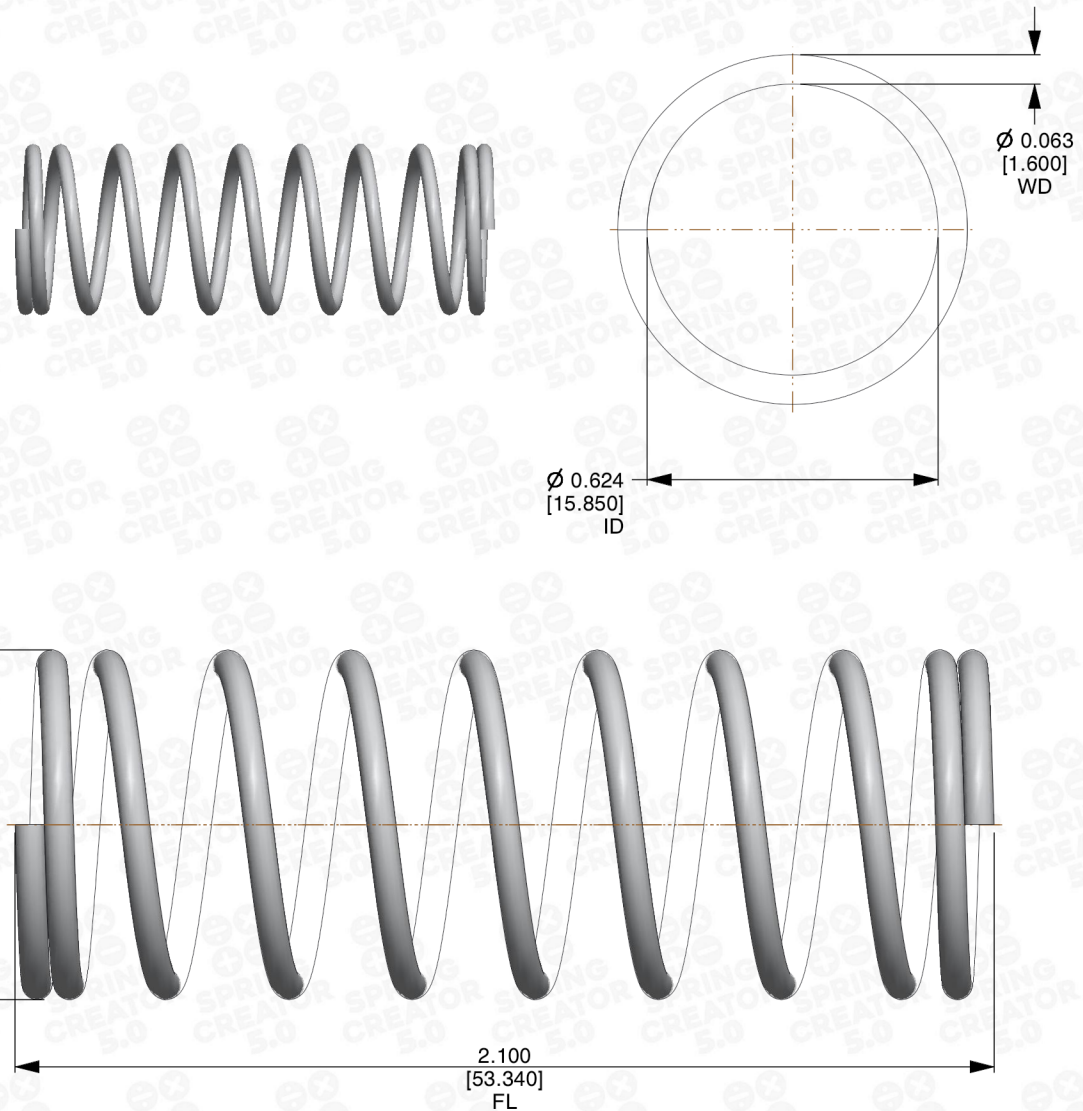
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Part Name:	Date: 06/02/2026
Part #: in	PC063-750-10000-SST-2100-C-N-IN 🔗
(Click to see Part # on Website)	
Spring Type: Compression Spring	End Type: Closed End
Finish: None	Direction of Wind: Right Hand
Material: Stainless 302 ASTM A313	Spring Index (I): 10.905
Weight / M: 19.445 Lbs	Length of W: 21.583 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)	2.100 in	[53.340 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)	0.693 in	[17.602 mm]	+/- 0.049
Coil Pitch (CP)	0.239 in	[6.068 mm]	
Rise Angle (RA)	6.316	[6.316]	
Spring Rate (K)	7.55287 lbs/in	1.323 N/mm	+/- 0.755
Max Load (ML)	10.627 lbf	47.271 N	+/- 1.063
Max Travel (MT)	1.407 in	35.738 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: 2.429	Revision #:	Drawn By:	Approved By:
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