



By **ACCESS SPRING**

**Force that
EMPOWERS**

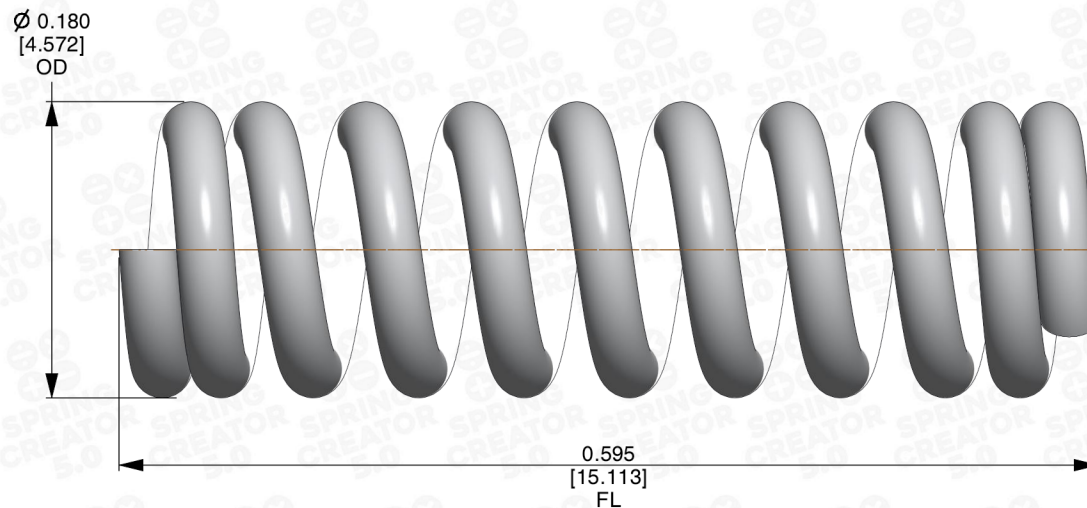
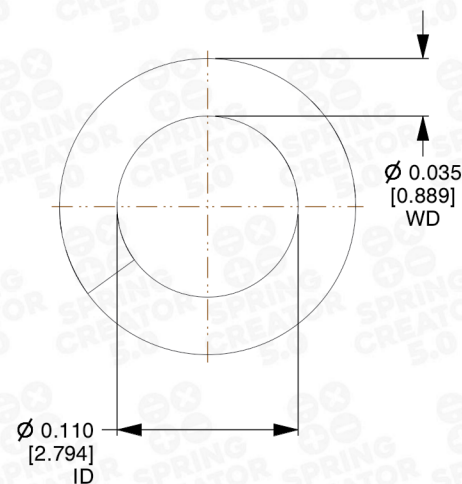
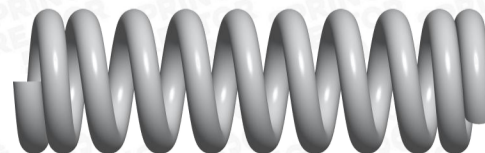
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Part Name:	Date: 06/02/2026
Part #: in PC035-180-10100-SST-0595-C-N-IN	
(Click to see Part # on Website)	
Spring Type: Compression Spring	End Type: Closed End
Finish: None	Direction of Wind: Right Hand
Material: Stainless 302 ASTM A313	Spring Index (I): 4.143
Weight / M: 1.279 Lbs	Length of W: 4.601 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.035 in	[0.889 mm]	+/- 0.001
Outer Diameter (OD)	0.180 in	[4.572 mm]	+/- 0.005
Mean Diameter (MD)	0.145 in	[3.683 mm]	+/- 0.005
Inner Diameter (ID)	0.110 in	[2.794 mm]	+/- 0.005
Free Length (FL)	0.595 in	[15.113 mm]	+/- 0.025
Active Coils (AC)	8.100	8.100	+/- 1/4 Coil
Total Coils (TC)	10.100	10.100	+/- 1/4 Coil
Solid Height (SH)	0.389 in	[9.881 mm]	+/- 0.027
Coil Pitch (CP)	0.060 in	[1.537 mm]	
Rise Angle (RA)	7.564	[7.564]	
Spring Rate (K)	75.57765 lbs/in	13.236 N/mm	+/- 7.558
Max Load (ML)	11.095 lbf	49.354 N	+/- 1.109
Max Travel (MT)	0.147 in	3.729 mm	
Material Shear Modulus (G)	9949475.938 PSI	68599221788.087 Pa	
Max Shear Stress Possible (t max)	132540.000 PSI	913831131.614 Pa	
Wahl Correction Factor (W)	1.387	1.387	



Notes	Scale: 8.571	Revision #:	Drawn By:	Approved By:
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