



By **ACCESS SPRING**

**Force that
EMPOWERS**

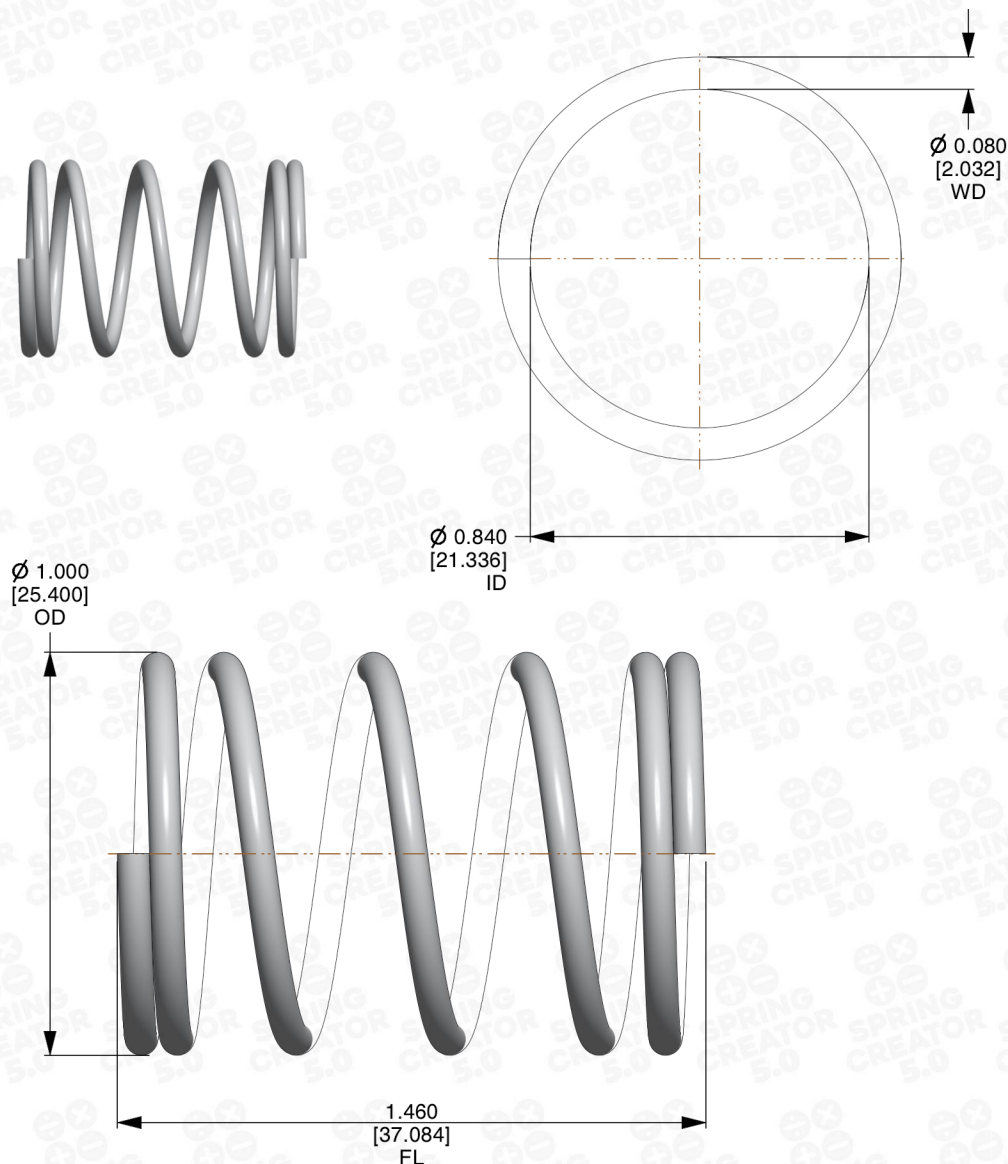
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Part Name:	Date: 06/02/2026
Part #: in PC080-1000-6000-SST-1460-C-N-IN	
(Click to see Part # on Website)	
Spring Type: Compression Spring	End Type: Closed End
Finish: None	Direction of Wind: Right Hand
Material: Stainless 302 ASTM A313	Spring Index (I): 11.500
Weight / M: 25.193 Lbs	Length of W: 17.342 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.080 in	[2.032 mm]	+/- 0.001
Outer Diameter (OD)	1.000 in	[25.400 mm]	+/- 0.020
Mean Diameter (MD)	0.920 in	[23.368 mm]	+/- 0.020
Inner Diameter (ID)	0.840 in	[21.336 mm]	+/- 0.020
Free Length (FL)	1.460 in	[37.084 mm]	+/- 0.050
Active Coils (AC)	4.000	4.000	+/- 1/4 Coil
Total Coils (TC)	6.000	6.000	+/- 1/4 Coil
Solid Height (SH)	0.560 in	[14.224 mm]	+/- 0.039
Coil Pitch (CP)	0.305 in	[7.747 mm]	
Rise Angle (RA)	6.024	[6.024]	
Spring Rate (K)	16.355 lbs/in	2.864 N/mm	+/- 1.635
Max Load (ML)	14.719 lbf	65.475 N	+/- 1.472
Max Travel (MT)	0.900 in	22.860 mm	
Material Shear Modulus (G)	9949475.938 PSI	68599221788.087 Pa	
Max Shear Stress Possible (t max)	115620.000 PSI	797171838.217 Pa	
Wahl Correction Factor (W)	1.125	1.125	



Notes	Scale: 2.100	Revision #:	Drawn By:	Approved By:
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