



By **ACCESS SPRING**

**Force that
EMPOWERS**

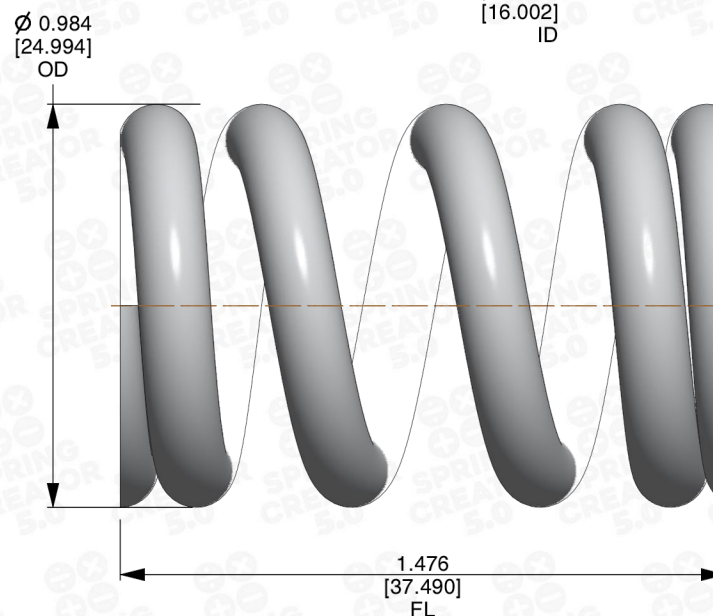
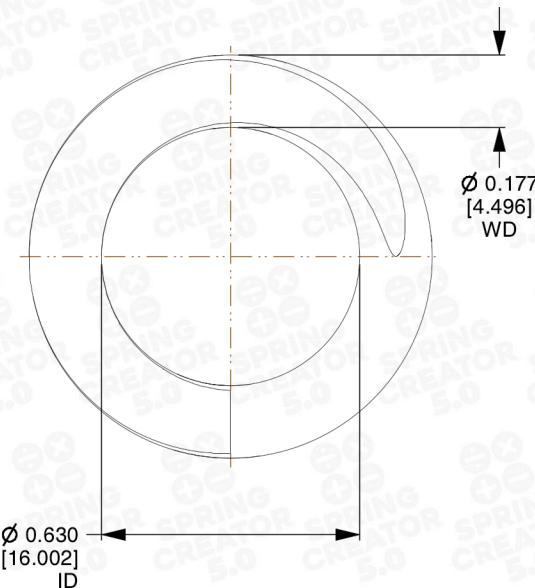
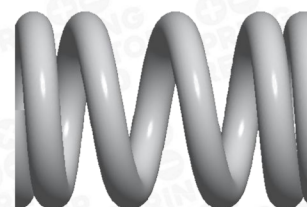
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Part Name:	Date: 06/02/2026
Part #: in PC177-984-5250-316-1476-CG-N-IN	
(Click to see Part # on Website)	
Spring Type: Compression Spring	End Type: Closed & Ground End
Finish: None	Direction of Wind: Right Hand
Material: Stainless 316 ASTM A316	Spring Index (I): 4.559
Weight / M: 94.655 Lbs	Length of W: 13.310 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.177 in	[4.496 mm]	+/- 0.001
Outer Diameter (OD)	0.984 in	[24.994 mm]	+/- 0.020
Mean Diameter (MD)	0.807 in	[20.498 mm]	+/- 0.020
Inner Diameter (ID)	0.630 in	[16.002 mm]	+/- 0.020
Free Length (FL)	1.476 in	[37.490 mm]	+/- 0.050
Active Coils (AC)	3.250	3.250	+/- 1/4 Coil
Total Coils (TC)	5.250	5.250	+/- 1/4 Coil
Solid Height (SH)	0.929 in	[23.597 mm]	+/- 0.065
Coil Pitch (CP)	0.345 in	[8.768 mm]	
Rise Angle (RA)	7.754	[7.754]	
Spring Rate (K)	720.74023 lbs/in	126.221 N/mm	+/- 72.074
Max Load (ML)	160.227 lbf	712.726 N	+/- 16.023
Max Travel (MT)	0.222 in	5.646 mm	
Material Shear Modulus (G)	10034128.315 PSI	69182879375.641 Pa	
Max Shear Stress Possible (t max)	79900.000 PSI	550891107.711 Pa	
Wahl Correction Factor (W)	1.346	1.346	



Notes	Scale: 2.134	Revision #:	Drawn By:	Approved By:
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