



By **ACCESS SPRING**

**Force that
EMPOWERS**

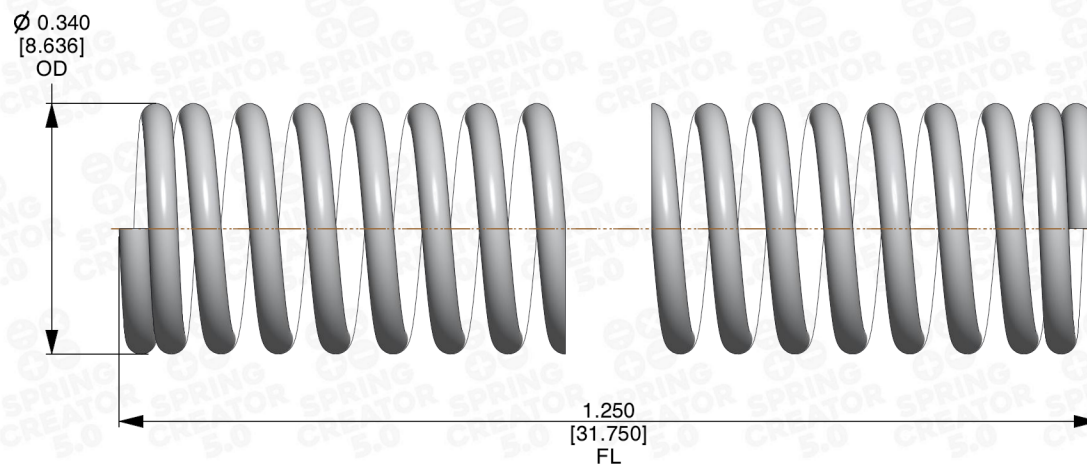
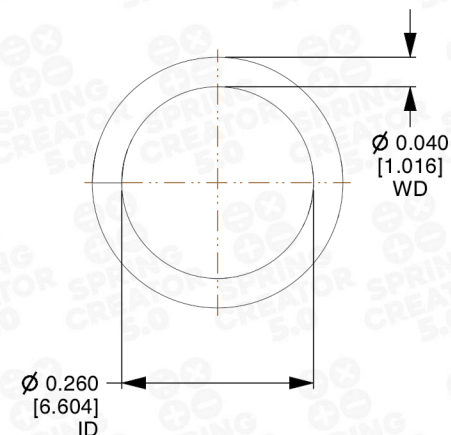
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Part Name:	Date: 06/02/2026
Part #: in PC040-340-17000-SST-1250-C-N-IN	
(Click to see Part # on Website)	
Spring Type: Compression Spring	End Type: Closed End
Finish: None	Direction of Wind: Right Hand
Material: Stainless 302 ASTM A313	Spring Index (I): 7.500
Weight / M: 5.819 Lbs	Length of W: 16.022 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.040 in	[1.016 mm]	+/- 0.001
Outer Diameter (OD)	0.340 in	[8.636 mm]	+/- 0.008
Mean Diameter (MD)	0.300 in	[7.620 mm]	+/- 0.008
Inner Diameter (ID)	0.260 in	[6.604 mm]	+/- 0.008
Free Length (FL)	1.250 in	[31.750 mm]	+/- 0.050
Active Coils (AC)	15.000	15.000	+/- 1/4 Coil
Total Coils (TC)	17.000	17.000	+/- 1/4 Coil
Solid Height (SH)	0.720 in	[18.288 mm]	+/- 0.050
Coil Pitch (CP)	0.075 in	[1.913 mm]	
Rise Angle (RA)	4.570	[4.570]	
Spring Rate (K)	7.86131 lbs/in	1.377 N/mm	+/- 0.786
Max Load (ML)	4.167 lbf	18.534 N	+/- 0.417
Max Travel (MT)	0.530 in	13.462 mm	
Material Shear Modulus (G)	9949475.938 PSI	68599221788.087 Pa	
Max Shear Stress Possible (t max)	131600.000 PSI	907350059.759 Pa	
Wahl Correction Factor (W)	1.197	1.197	



Notes	Scale: 3.841	Revision #:	Drawn By:	Approved By:
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