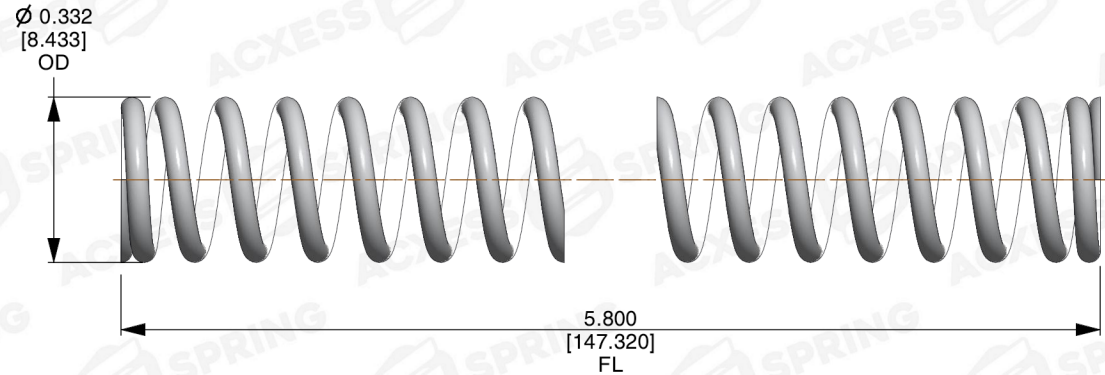
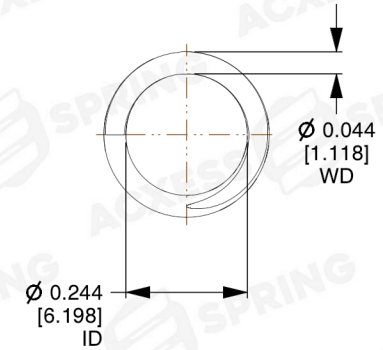


Part Name:	Date: 06/02/2026
Part #: in (Click to see Part # on Website)	PC044-332-49000-SST-5800-CG-N-IN ↗
Spring Type: Compression Spring	End Type: Closed & Ground End
Finish: None	Direction of Wind: Right Hand
Material: Stainless 302 ASTM A313	Spring Index (I): 6.545
Weight / M: 19.483 Lbs	Length of W: 44.334 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.044 in	[1.118 mm]	+/- 0.001
Outer Diameter (OD)	0.332 in	[8.433 mm]	+/- 0.008
Mean Diameter (MD)	0.288 in	[7.315 mm]	+/- 0.008
Inner Diameter (ID)	0.244 in	[6.198 mm]	+/- 0.008
Free Length (FL)	5.800 in	[147.320 mm]	+/- 0.200
Active Coils (AC)	47.000	47.000	+/- 1/4 Coil
Total Coils (TC)	49.000	49.000	+/- 1/4 Coil
Solid Height (SH)	2.156 in	[54.762 mm]	+/- 0.151
Coil Pitch (CP)	0.121 in	[3.086 mm]	
Rise Angle (RA)	7.650	[7.650]	
Spring Rate (K)	4.152 lbs/in	0.727 N/mm	+/- 0.415
Max Load (ML)	12.213 lbf	54.327 N	+/- 1.221
Max Travel (MT)	2.942 in	74.717 mm	
Material Shear Modulus (G)	9949475.938 PSI	68599221788.087 Pa	
Max Shear Stress Possible (t max)	129250.000 PSI	891147380.120 Pa	
Wahl Correction Factor (W)	1.229	1.229	



Notes	Scale: 2.595	Revision #:	Drawn By:	Approved By:
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