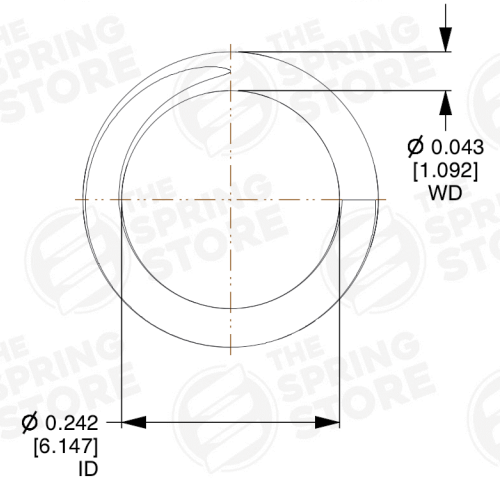
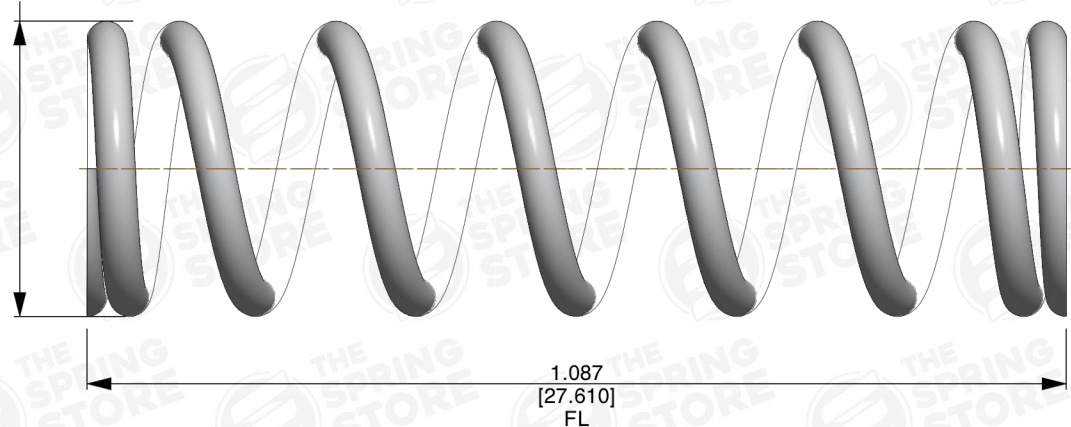


Part Name:	Date: 06/02/2026
Part #: in PC043-328-8500-SST-1087-CG-N-IN	
(Click to see Part # on Website)	
Spring Type: Compression Spring	End Type: Closed & Ground End
Finish: None	Direction of Wind: Right Hand
Material: Stainless 302 ASTM A313	Spring Index (I): 6.628
Weight / M: 3.194 Lbs	Length of W: 7.611 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.043 in	[1.092 mm]	+/- 0.001
Outer Diameter (OD)	0.328 in	[8.331 mm]	+/- 0.008
Mean Diameter (MD)	0.285 in	[7.239 mm]	+/- 0.008
Inner Diameter (ID)	0.242 in	[6.147 mm]	+/- 0.008
Free Length (FL)	1.087 in	[27.610 mm]	+/- 0.050
Active Coils (AC)	6.500	6.500	+/- 1/4 Coil
Total Coils (TC)	8.500	8.500	+/- 1/4 Coil
Solid Height (SH)	0.365 in	[9.271 mm]	+/- 0.026
Coil Pitch (CP)	0.154 in	[3.912 mm]	
Rise Angle (RA)	9.759	[9.759]	
Spring Rate (K)	28.25765 lbs/in	4.949 N/mm	+/- 2.826
Max Load (ML)	11.549 lbf	51.372 N	+/- 1.155
Max Travel (MT)	0.409 in	10.381 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)	1.226	1.226	



Ø 0.328
[8.331]
OD



Notes	Scale: 4.692	Revision #:	Drawn By:	Approved By:
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