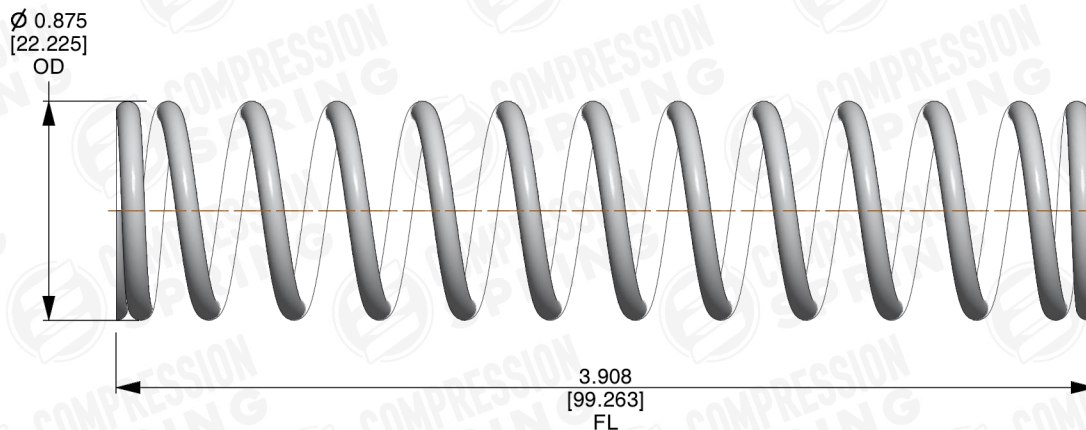
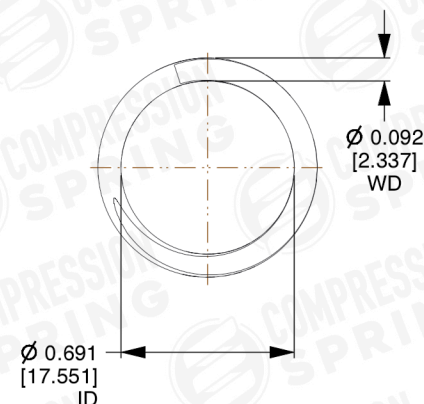


Part Name:	Date: 06/02/2026
Part #: in	PC092-875-13800-SST-3908-CG-N-IN 
(Click to see Part # on Website)	
Spring Type: Compression Spring	End Type: Closed & Ground End
Finish: None	Direction of Wind: Right Hand
Material: Stainless 302 ASTM A313	Spring Index (I): 8.511
Weight / M: 65.220 Lbs	Length of W: 33.946 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.092 in	[2.337 mm]	+/- 0.001
Outer Diameter (OD)	0.875 in	[22.225 mm]	+/- 0.020
Mean Diameter (MD)	0.783 in	[19.888 mm]	+/- 0.020
Inner Diameter (ID)	0.691 in	[17.551 mm]	+/- 0.020
Free Length (FL)	3.908 in	[99.263 mm]	+/- 0.100
Active Coils (AC)	11.800	11.800	+/- 1/4 Coil
Total Coils (TC)	13.800	13.800	+/- 1/4 Coil
Solid Height (SH)	1.270 in	[32.258 mm]	+/- 0.089
Coil Pitch (CP)	0.316 in	[8.016 mm]	
Rise Angle (RA)	7.311	[7.311]	
Spring Rate (K)	15.72875 lbs/in	2.755 N/mm	+/- 1.573
Max Load (ML)	37.897 lbf	168.574 N	+/- 3.790
Max Travel (MT)	2.409 in	61.199 mm	
Material Shear Modulus (G)	9949475.938 PSI	68599221788.087 Pa	
Max Shear Stress Possible (t max)	113740.000 PSI	784209694.506 Pa	
Wahl Correction Factor (W)	1.172	1.172	



Notes	Scale: 1.305	Revision #:	Drawn By:	Approved By:
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