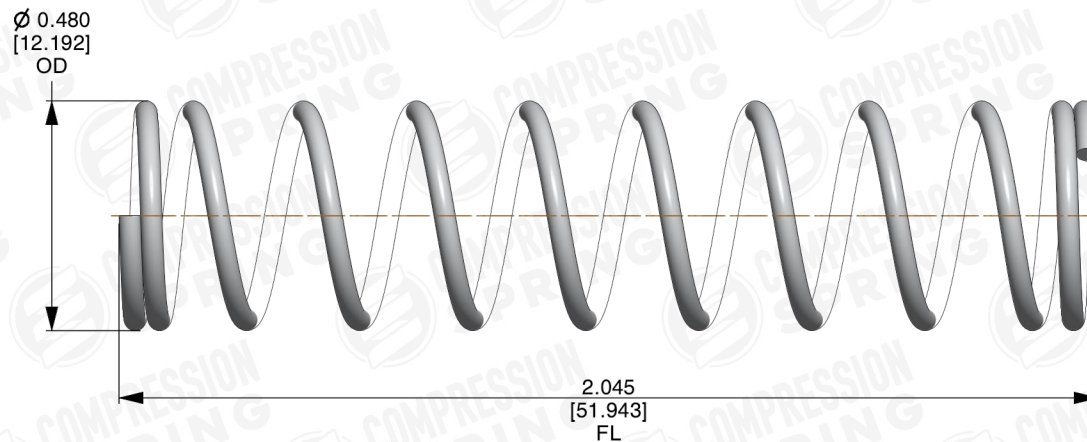
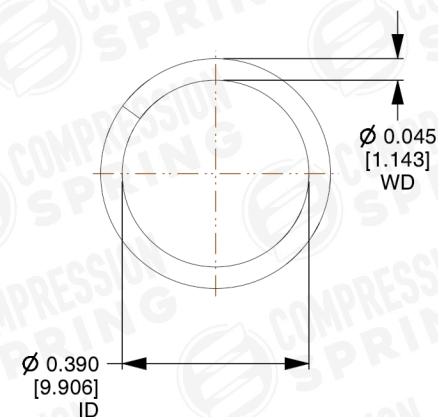


Part Name:	Date: 06/02/2026
Part #: in (Click to see Part # on Website)	PC045-480-10900-SST-2045-C-N-IN 
Spring Type: Compression Spring	End Type: Closed End
Finish: None	Direction of Wind: Right Hand
Material: Stainless 302 ASTM A313	Spring Index (I): 9.667
Weight / M: 6.847 Lbs	Length of W: 14.896 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.045 in	[1.143 mm]	+/- 0.001
Outer Diameter (OD)	0.480 in	[12.192 mm]	+/- 0.008
Mean Diameter (MD)	0.435 in	[11.049 mm]	+/- 0.008
Inner Diameter (ID)	0.390 in	[9.906 mm]	+/- 0.008
Free Length (FL)	2.045 in	[51.943 mm]	+/- 0.100
Active Coils (AC)	8.900	8.900	+/- 1/4 Coil
Total Coils (TC)	10.900	10.900	+/- 1/4 Coil
Solid Height (SH)	0.535 in	[13.589 mm]	+/- 0.037
Coil Pitch (CP)	0.215 in	[5.451 mm]	
Rise Angle (RA)	8.925	[8.925]	
Spring Rate (K)	6.96149 lbs/in	1.219 N/mm	+/- 0.696
Max Load (ML)	9.144 lbf	40.673 N	+/- 0.914
Max Travel (MT)	1.313 in	33.363 mm	
Material Shear Modulus (G)	9949475.938 PSI	68599221788.087 Pa	
Max Shear Stress Possible (t max)	127840.000 PSI	881425772.337 Pa	
Wahl Correction Factor (W)	1.150	1.150	



Notes	Scale: 2.494	Revision #:	Drawn By:	Approved By:
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