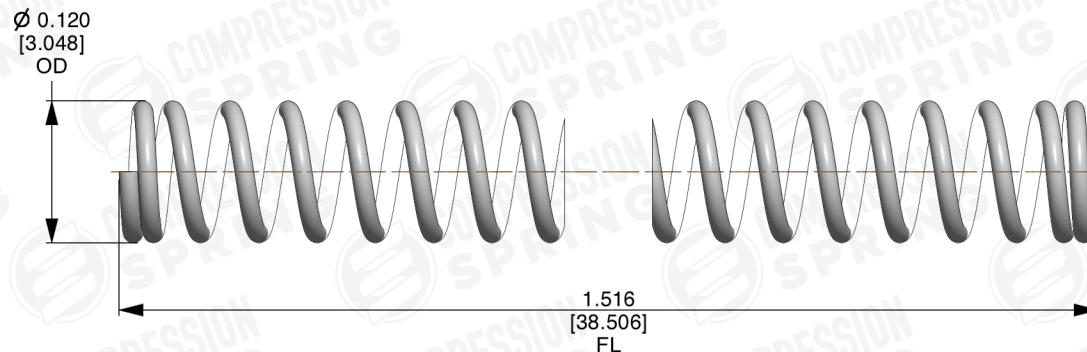
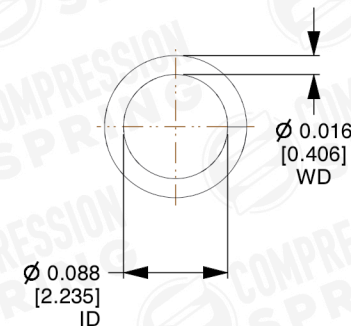


Part Name:	Date: 06/02/2026
Part #: in	PC016-120-32500-SST-1516-C-N-IN 
(Click to see Part # on Website)	
Spring Type: Compression Spring	End Type: Closed End
Finish: None	Direction of Wind: Right Hand
Material: Stainless 302 ASTM A313	Spring Index (I): 6.500
Weight / M: 0.617 Lbs	Length of W: 10.619 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.016 in	[0.406 mm]	+/- 0.001
Outer Diameter (OD)	0.120 in	[3.048 mm]	+/- 0.005
Mean Diameter (MD)	0.104 in	[2.642 mm]	+/- 0.005
Inner Diameter (ID)	0.088 in	[2.235 mm]	+/- 0.005
Free Length (FL)	1.516 in	[38.506 mm]	+/- 0.050
Active Coils (AC)	30.500	30.500	+/- 1/4 Coil
Total Coils (TC)	32.500	32.500	+/- 1/4 Coil
Solid Height (SH)	0.536 in	[13.614 mm]	+/- 0.038
Coil Pitch (CP)	0.048 in	[1.222 mm]	
Rise Angle (RA)	8.380	[8.380]	
Spring Rate (K)	2.376 lbs/in	0.416 N/mm	+/- 0.238
Max Load (ML)	1.819 lbf	8.090 N	+/- 0.182
Max Travel (MT)	0.766 in	19.446 mm	
Material Shear Modulus (G)	9949475.938 PSI	68599221788.087 Pa	
Max Shear Stress Possible (t max)	144760.000 PSI	998085065.735 Pa	
Wahl Correction Factor (W)	1.231	1.231	



Notes	Scale: 6.168	Revision #:	Drawn By:	Approved By:
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