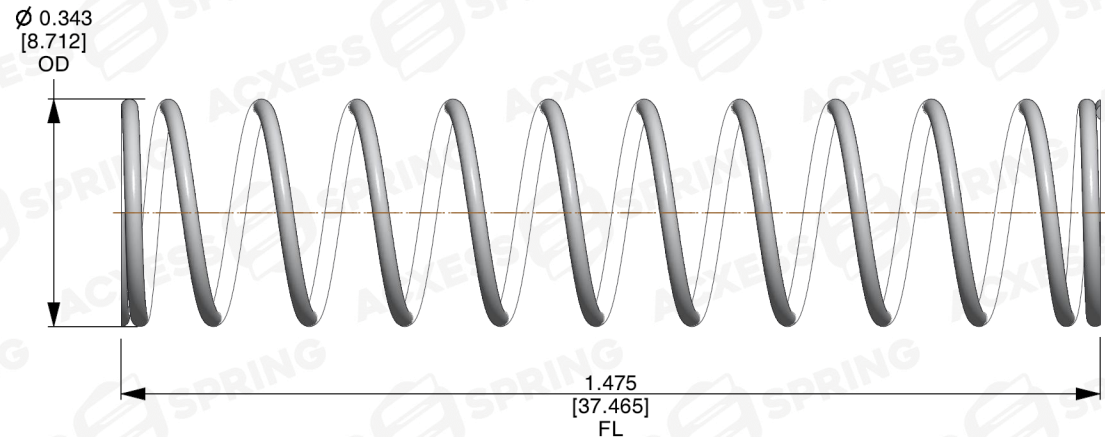
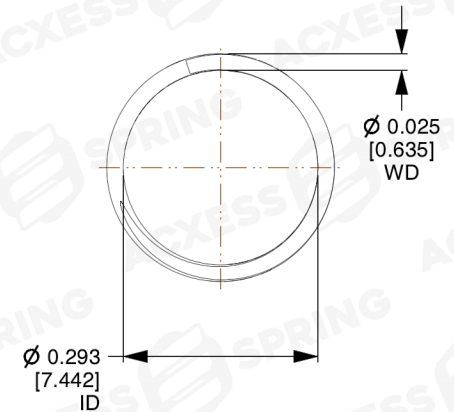


Part Name:	Date: 06/02/2026
Part #: in PC025-343-12800-SST-1475-CG-N-IN	
Spring Type: Compression Spring	End Type: Closed & Ground End
Finish: None	Direction of Wind: Right Hand
Material: Stainless 302 ASTM A313	Spring Index (I): 12.720
Weight / M: 1.814 Lbs	Length of W: 12.787 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.025 in	[0.635 mm]	+/- 0.001
Outer Diameter (OD)	0.343 in	[8.712 mm]	+/- 0.008
Mean Diameter (MD)	0.318 in	[8.077 mm]	+/- 0.008
Inner Diameter (ID)	0.293 in	[7.442 mm]	+/- 0.008
Free Length (FL)	1.475 in	[37.465 mm]	+/- 0.050
Active Coils (AC)	10.800	10.800	+/- 1/4 Coil
Total Coils (TC)	12.800	12.800	+/- 1/4 Coil
Solid Height (SH)	0.320 in	[8.128 mm]	+/- 0.022
Coil Pitch (CP)	0.132 in	[3.350 mm]	
Rise Angle (RA)	7.524	[7.524]	
Spring Rate (K)	1.39883 lbs/in	0.245 N/mm	+/- 0.140
Max Load (ML)	1.616 lbf	7.187 N	+/- 0.162
Max Travel (MT)	1.155 in	29.337 mm	
Material Shear Modulus (G)	9949475.938 PSI	68599221788.087 Pa	
Max Shear Stress Possible (t max)	137240.000 PSI	946236490.891 Pa	
Wahl Correction Factor (W)	1.112	1.112	



Notes	Scale: 3.458	Revision #:	Drawn By:	Approved By:
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