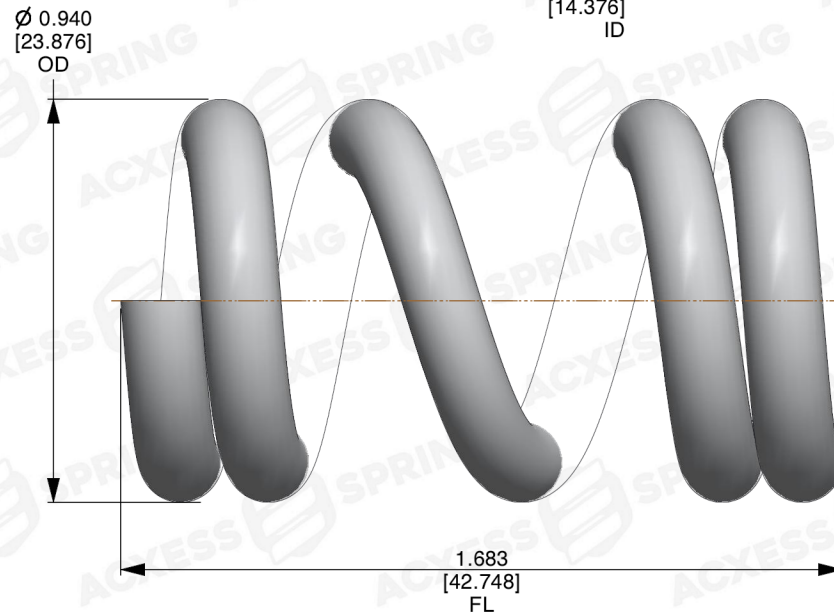
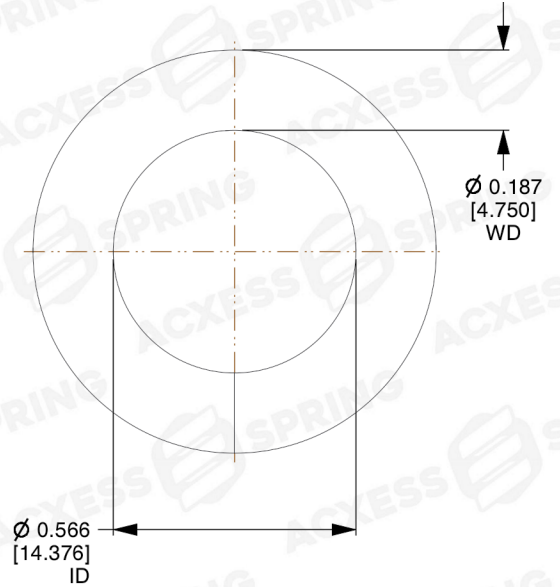
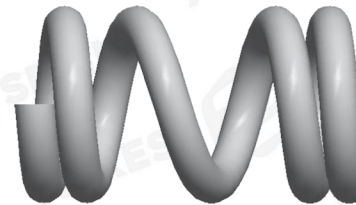


Part Name:	Date: 06/02/2026
Part #: in PC187-940-4250-177-1683-C-N-IN	
(Click to see Part # on Website)	
Spring Type: Compression Spring	End Type: Closed End
Finish: None	Direction of Wind: Right Hand
Material: Stainless 17-7 ASTM A313	Spring Index (I): 4.027
Weight / M: 79.805 Lbs	Length of W: 10.054 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.187 in	[4.750 mm]	+/- 0.001
Outer Diameter (OD)	0.940 in	[23.876 mm]	+/- 0.020
Mean Diameter (MD)	0.753 in	[19.126 mm]	+/- 0.020
Inner Diameter (ID)	0.566 in	[14.376 mm]	+/- 0.020
Free Length (FL)	1.683 in	[42.748 mm]	+/- 0.050
Active Coils (AC)	2.250	2.250	+/- 1/4 Coil
Total Coils (TC)	4.250	4.250	+/- 1/4 Coil
Solid Height (SH)	0.982 in	[24.943 mm]	+/- 0.069
Coil Pitch (CP)	0.499 in	[12.667 mm]	
Rise Angle (RA)	11.903	[11.903]	
Spring Rate (K)	1746.532 lbs/in	305.865 N/mm	+/- 174.653
Max Load (ML)	256.358 lbf	1140.335 N	+/- 25.636
Max Travel (MT)	0.147 in	3.729 mm	
Material Shear Modulus (G)	10976591.435 PSI	75680933850.195 Pa	
Max Shear Stress Possible (t max)	105280.000 PSI	725880047.807 Pa	
Wahl Correction Factor (W)	1.401	1.401	



Notes	Scale: 2.234	Revision #:	Drawn By:	Approved By:
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