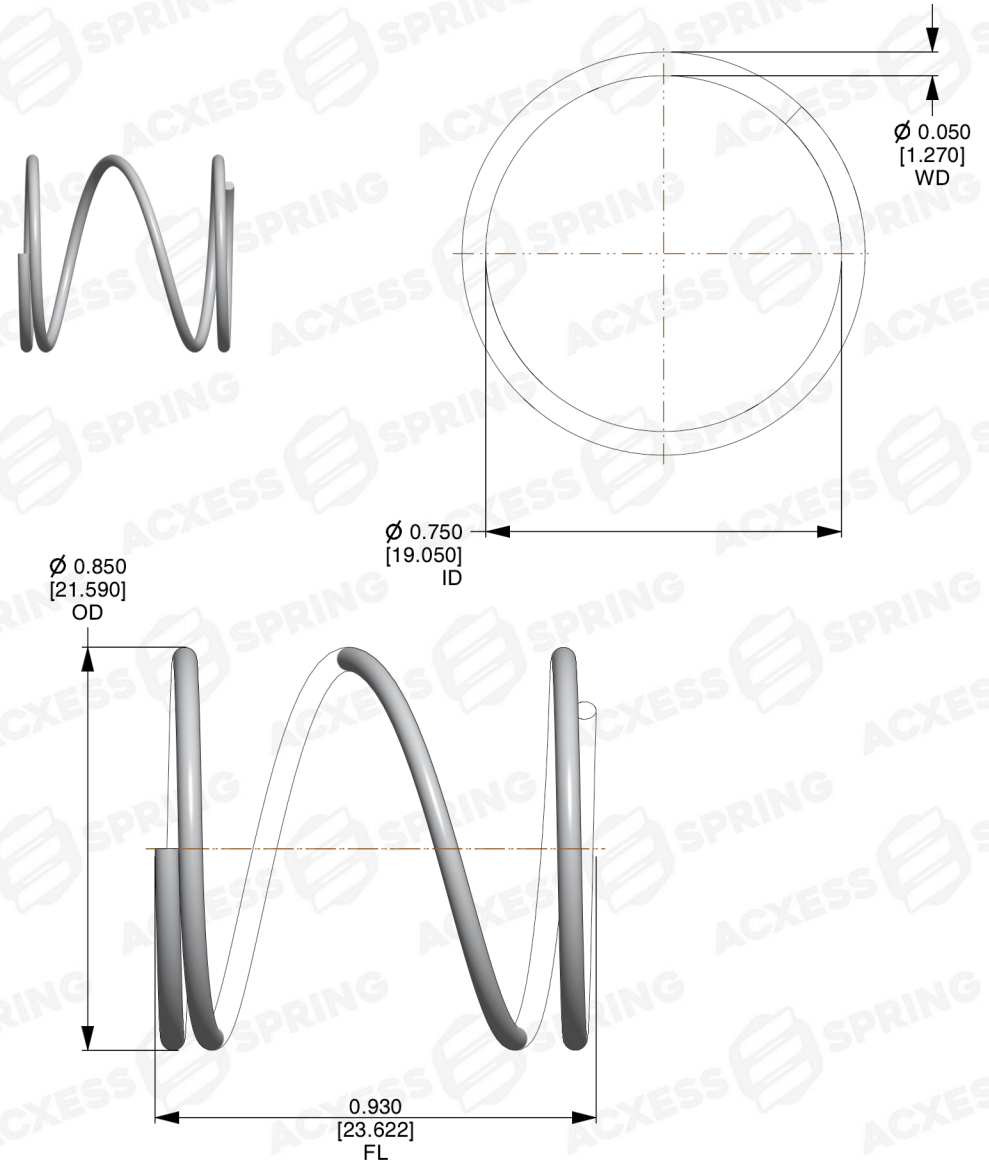


Part Name:	Date: 06/02/2026
Part #: in PC050-850-3630-SST-0930-C-N-IN 	
Spring Type: Compression Spring	End Type: Closed End
Finish: None	Direction of Wind: Right Hand
Material: Stainless 302 ASTM A313	Spring Index (I): 16.000
Weight / M: 5.177 Lbs	Length of W: 9.123 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.050 in	[1.270 mm]	+/- 0.001
Outer Diameter (OD)	0.850 in	[21.590 mm]	+/- 0.015
Mean Diameter (MD)	0.800 in	[20.320 mm]	+/- 0.015
Inner Diameter (ID)	0.750 in	[19.050 mm]	+/- 0.015
Free Length (FL)	0.930 in	[23.622 mm]	+/- 0.025
Active Coils (AC)	1.630	1.630	+/- 1/4 Coil
Total Coils (TC)	3.630	3.630	+/- 1/4 Coil
Solid Height (SH)	0.232 in	[5.893 mm]	+/- 0.016
Coil Pitch (CP)	0.478 in	[12.154 mm]	
Rise Angle (RA)	10.780	[10.780]	
Spring Rate (K)	9.31392 lbs/in	1.631 N/mm	+/- 0.931
Max Load (ML)	6.506 lbf	28.939 N	+/- 0.651
Max Travel (MT)	0.699 in	17.742 mm	
Material Shear Modulus (G)	9949475.938 PSI	68599221788.087 Pa	
Max Shear Stress Possible (t max)	125490.000 PSI	865223092.699 Pa	
Wahl Correction Factor (W)	1.088	1.088	



Notes	Scale: 2.471	Revision #:	Drawn By:	Approved By:
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