



By **ACCESS SPRING**

**Force that
EMPOWERS**

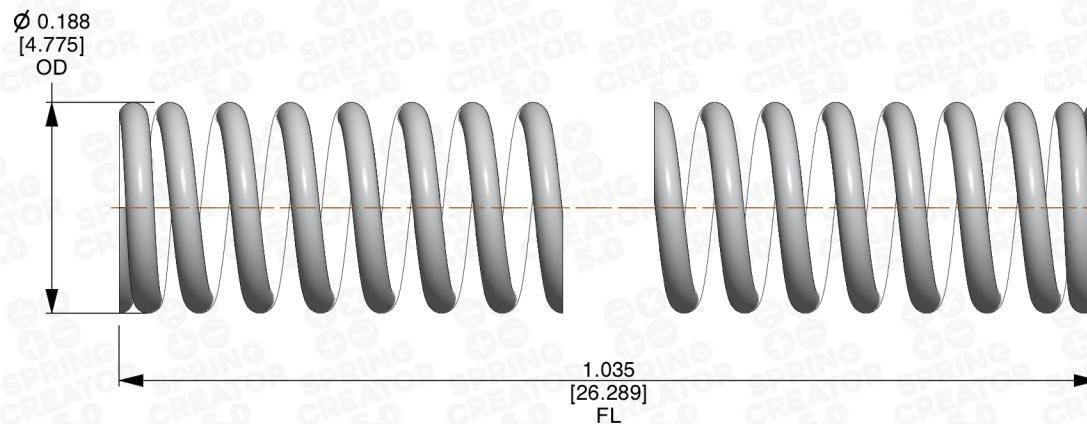
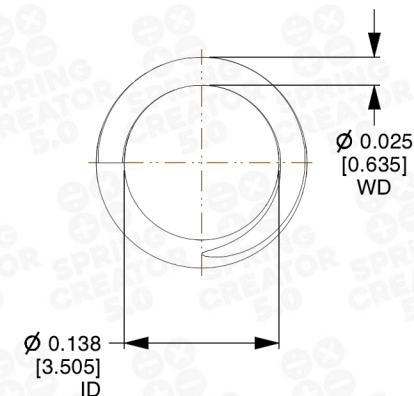
sales@springcreator.com Ph 951 276 2777

2225 E. Cooley Dr Colton, CA 92324

www.springcreator.com

Part Name:	Date: 06/02/2026
Part #: in PC025-188-21000-SST-1035-CG-N-IN	
(Click to see Part # on Website)	
Spring Type: Compression Spring	End Type: Closed & Ground End
Finish: None	Direction of Wind: Right Hand
Material: Stainless 302 ASTM A313	Spring Index (I): 6.520
Weight / M: 1.526 Lbs	Length of W: 10.754 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.025 in	[0.635 mm]	+/- 0.001
Outer Diameter (OD)	0.188 in	[4.775 mm]	+/- 0.005
Mean Diameter (MD)	0.163 in	[4.140 mm]	+/- 0.005
Inner Diameter (ID)	0.138 in	[3.505 mm]	+/- 0.005
Free Length (FL)	1.035 in	[26.289 mm]	+/- 0.050
Active Coils (AC)	19.000	19.000	+/- 1/4 Coil
Total Coils (TC)	21.000	21.000	+/- 1/4 Coil
Solid Height (SH)	0.525 in	[13.335 mm]	+/- 0.037
Coil Pitch (CP)	0.052 in	[1.316 mm]	
Rise Angle (RA)	5.781	[5.781]	
Spring Rate (K)	5.90410 lbs/in	1.034 N/mm	+/- 0.590
Max Load (ML)	3.011 lbf	13.394 N	+/- 0.301
Max Travel (MT)	0.510 in	12.954 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)	1.230	1.230	



Notes	Scale: 5.842	Revision #:	Drawn By:	Approved By:
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