



By **ACCESS SPRING**

**Force that
EMPOWERS**

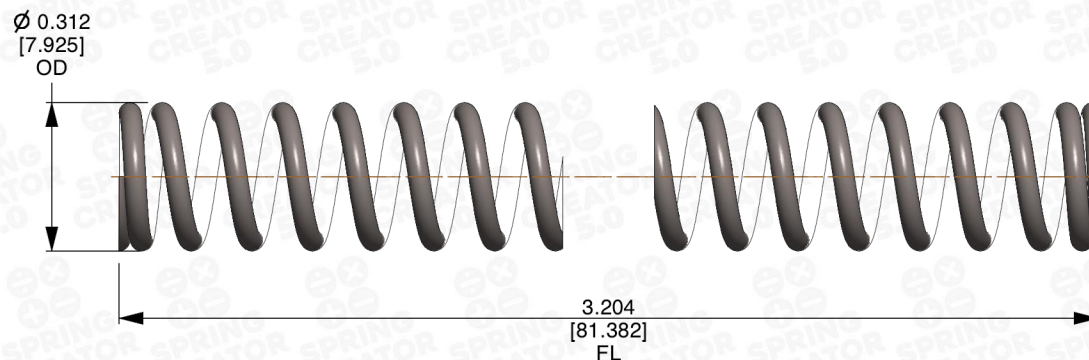
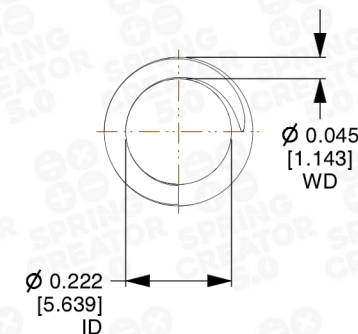
sales@springcreator.com Ph 951 276 2777

2225 E. Cooley Dr Colton, CA 92324

www.springcreator.com

Part Name:	Date: 06/02/2026
Part #: in PC045-312-27250-MW-3204-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: Music Wire ASTM A228	Spring Index (I): 5.933
Weight / M: 10.329 Lbs	Length of W: 22.857 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.045 in	[1.143 mm]	+/- 0.001
Outer Diameter (OD)	0.312 in	[7.925 mm]	+/- 0.008
Mean Diameter (MD)	0.267 in	[6.782 mm]	+/- 0.008
Inner Diameter (ID)	0.222 in	[5.639 mm]	+/- 0.008
Free Length (FL)	3.204 in	[81.382 mm]	+/- 0.100
Active Coils (AC)	25.250	25.250	+/- 1/4 Coil
Total Coils (TC)	27.250	27.250	+/- 1/4 Coil
Solid Height (SH)	1.226 in	[31.140 mm]	+/- 0.086
Coil Pitch (CP)	0.123 in	[3.132 mm]	
Rise Angle (RA)	8.364	[8.364]	
Spring Rate (K)	12.257 lbs/in	2.147 N/mm	+/- 1.226
Max Load (ML)	15.702 lbf	69.845 N	+/- 1.570
Max Travel (MT)	1.281 in	32.537 mm	
Material Shear Modulus (G)	11492970.929 PSI	79241245134.131 Pa	
Max Shear Stress Possible (t max)	147110.000 PSI	1014287745.373 Pa	
Wahl Correction Factor (W)	1.256	1.256	



Notes	Scale: 2.480	Revision #:	Drawn By:	Approved By:
This file and any associated information and specifications are provided for reference and evaluation purposes only, and is subject to change without notice. Access Spring makes no representations, warranties or guarantees as to the appropriateness, accuracy, completeness, or suitability for any purpose, of the file, information or specifications. You are solely responsible for the use of the file, information or specification.				This Drawing is the property of ACCESS SPRING It may contain confidential, proprietary information, that is Access Spring property. Do not disclose to or duplicate for others except as authorized by Access Spring.