



By **ACCESS SPRING**

**Force that
EMPOWERS**

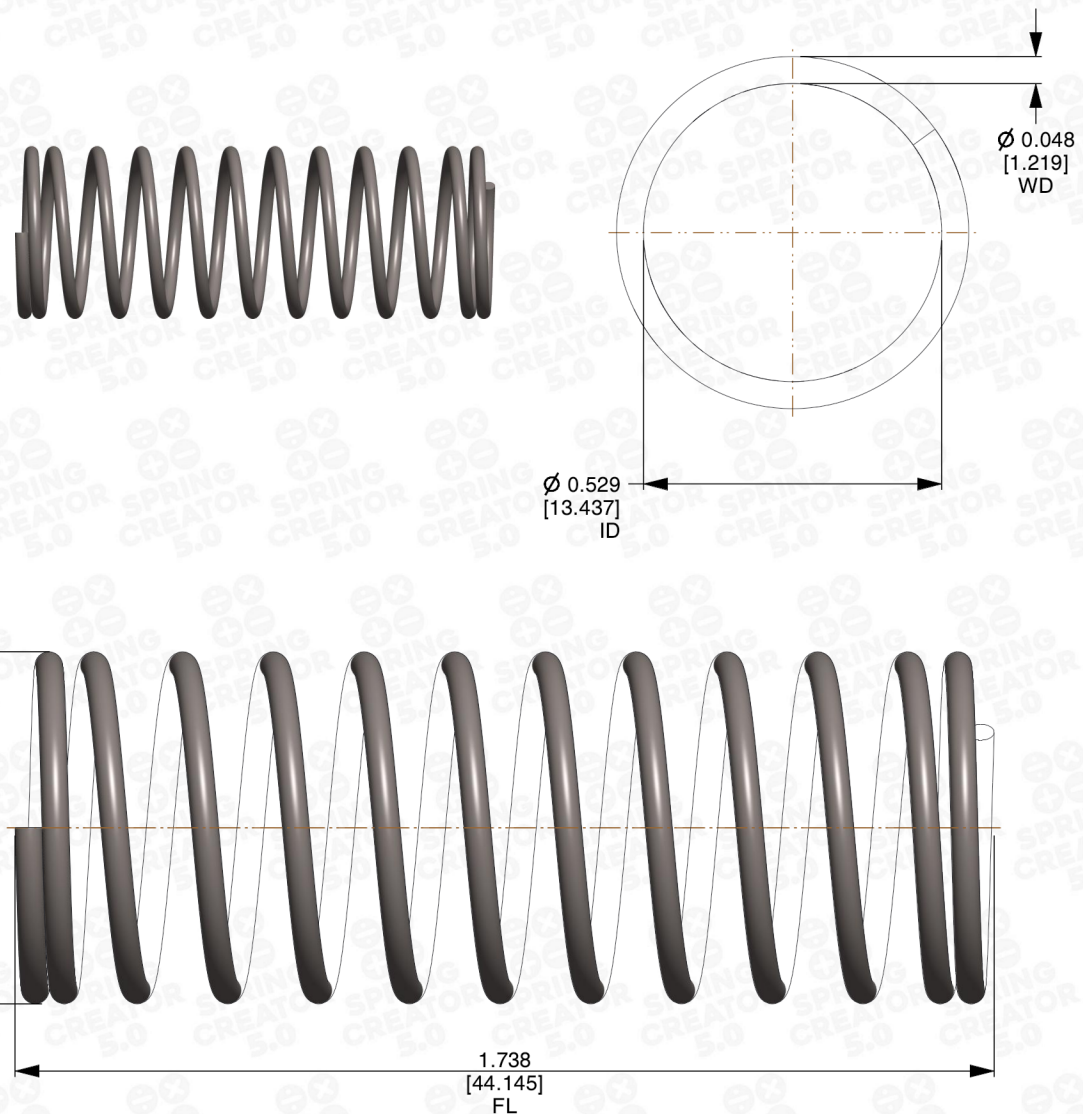
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Part Name:	Date: 06/02/2026
Part #: in (Click to see Part # on Website)	PC048-625-12600-MW-1738-C-N-IN
Spring Type: Compression Spring	End Type: Closed End
Finish: None	Direction of Wind: Right Hand
Material: Music Wire ASTM A228	Spring Index (I): 12.021
Weight / M: 11.744 Lbs	Length of W: 22.840 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.048 in	[1.219 mm]	+/- 0.001
Outer Diameter (OD)	0.625 in	[15.875 mm]	+/- 0.015
Mean Diameter (MD)	0.577 in	[14.656 mm]	+/- 0.015
Inner Diameter (ID)	0.529 in	[13.437 mm]	+/- 0.015
Free Length (FL)	1.738 in	[44.145 mm]	+/- 0.050
Active Coils (AC)	10.600	10.600	+/- 1/4 Coil
Total Coils (TC)	12.600	12.600	+/- 1/4 Coil
Solid Height (SH)	0.653 in	[16.586 mm]	+/- 0.046
Coil Pitch (CP)	0.150 in	[3.820 mm]	
Rise Angle (RA)	4.742	[4.742]	
Spring Rate (K)	3.74519 lbs/in	0.656 N/mm	+/- 0.375
Max Load (ML)	4.064 lbf	18.079 N	+/- 0.406
Max Travel (MT)	1.085 in	27.564 mm	
Material Shear Modulus (G)	11492970.929 PSI	79241245134.131 Pa	
Max Shear Stress Possible (t max)	145230.000 PSI	1001325601.662 Pa	
Wahl Correction Factor (W)	1.119	1.119	



Notes	Scale: 2.934	Revision #:	Drawn By:	Approved By:
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