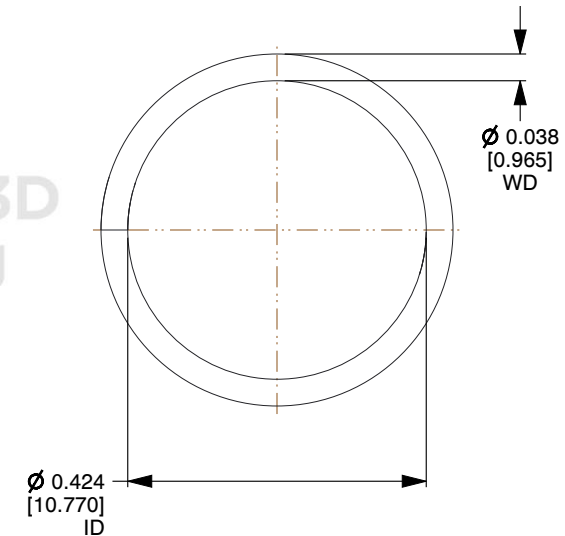
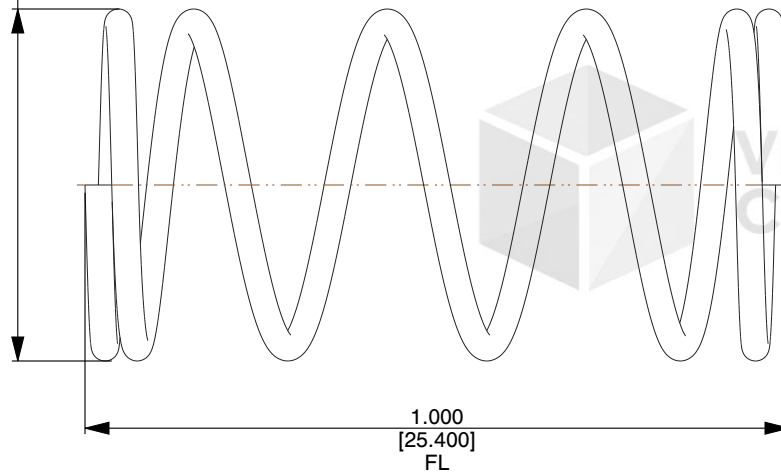
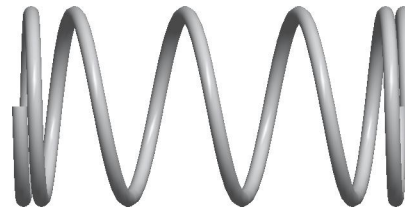


Ø 0.500
[12.700]
OD

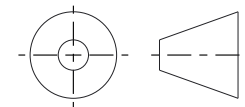


Notes:

1. **Spring Type:** Compression Spring
2. **End Type:** Closed & Squared
3. **Finish:** None
4. **Direction of Wind:** Right
5. **Material:** Music Wire ASTM A228
6. **Wire Diameter (WD):** 0.038 in (0.965mm)
7. **Outer Diameter (OD):** 0.500 in (12.700 mm)
8. **Free Length (FL):** 1.000 in (25.400 mm)
9. **Total Coils (TC):** 6.000
10. **Inner Diameter (ID):** 0.424 in (10.770 mm)
11. **Mean Diameter (M):** 0.462 in (11.735 mm)
12. **Spring Index (SI):** 12.158
13. **Active Coils (AC):** 4.000
14. **Solid Height (SH):** 0.190 in (4.826 mm)
15. **Spring Rate (K):** 122.863 lbs/in (21.517 N/mm)
16. **Max Load (ML):** 810.164 lbf (3603.789 N)
17. **Max Travel (MT):** 6.594 in (167.490 mm)
18. **Material Shear Modulus (G):** 11492970.929 psi (79241245134.132 mm)
19. **Max Shear Stress Possible (t max):** 139120.000 (959198634.603)



THIRD ANGLE PROJECTION



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DESCRIPTION

TITLE

Sheet Size	PART NUMBER	Rev.	ISSUED
A	AC038-500-6000-MW-1000-C-N-IN		2026-08-14
SCALE: 3.667		Unless otherwise specified Dimensions are in IN	