

SKU : AE059-511-15694-SST-1771-CO-N-IN

1. **Spring Type:** Extension Spring

2. **End Type:** Cross-Over Hook

3. **Finish:** None

4. **Direction of Wind:** Right

5. **Material:** Music Wire ASTM A228

6. **Wire Diameter (WD):** 0.037 in (0.940 mm)

7. **Outer Diameter (OD):** 0.500 in (12.700 mm)

8. **Length inside Hooks (LIH):** 3.000 in (76.200 mm)

9. **Total Coils (TC):** 165.162

10. **Inner Diameter (ID):** 0.426 in (10.820 mm)

11. **Mean Diameter:** 0.463 in (11.760 mm)

12. **Spring Index (I):** 12.514
13. **Body Length (BL):** 6.148 in (156.159 mm)

14. **Hook Length 1 (HL1):** 0.426 in (10.820 mm)

15. **Hook Length 2 (HL2):** 0.426 in (10.820 mm)

16. **Hook Gap 1 (HG1):** 0.037 in (0.940 mm)

17. **Hook Gap 2 (HG2):** 0.037 in (0.940 mm)

18. **Spring Rate (K):** 10.398 lbs/in (1.821 N/mm)

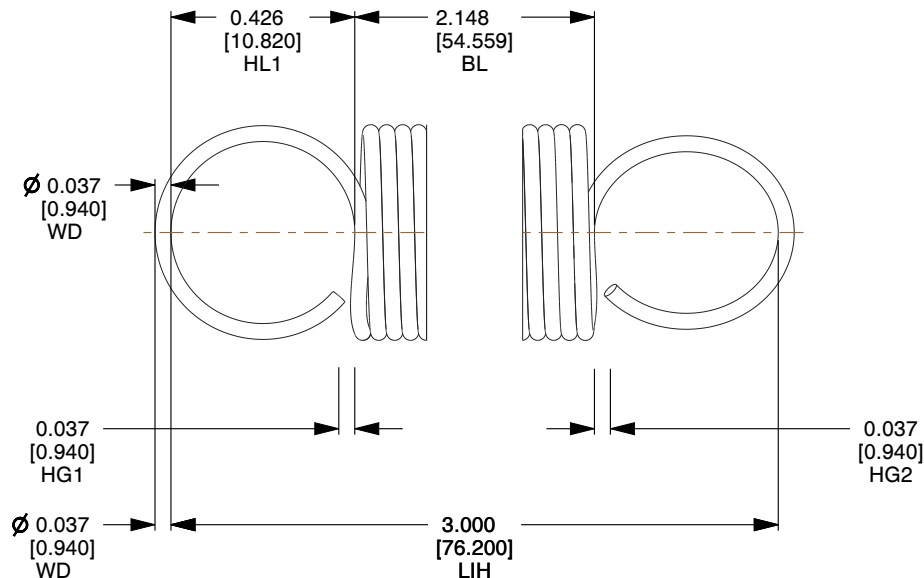
19. **Max Load (ML):** 14.549 lbf (64.718 N)

20. **Max Travel (MT):** 1.140 in (28.956 mm)

21. **Initial Tension (IT):** 2.695 lbf (11.989 N)

22. **Material Shear Modulus (G):** 11492970.929 psi (79241245134.132 pa)

23. **Max Shear Stress Possible (t max):** 139120.000 (959198634.603)



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				ISSUED 2026-02-18
		SCALE 2.247	PART NUMBER: AE059-511-15694-SST-1771-CO-N-IN SHEET 1 of 1	