

Similarly as with the steel slinky I used only three quarters of the slinky (30/40 turns) as the spring ($\sim 39\text{gm}$). However, the hangar and added pointer were of negligible mass. (taped thread and 41mm by 0.5D bus wire). The B fit result (effective added mass of spring) is $\sim 25\text{gm}$ or $\sim 64\%$ of the spring's mass. For the steel spring the corresponding value is 71%.

Note the rather disturbing greater discrepancy between the directly measured K (0.35N/m) and that derived from the oscillator fit. (0.5N/m)

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