

# Hook Depth Calculation Chart

For Use With Lindgren-Pitman LS-Series Line Setters

To find the line setter speed setting, you must know the distance between float buoys and the desired sag of the main line between those floats.

- 1) Divide the desired sag by the distance between floats,
- 2) Find the ratio in column A,
- 3) Multiply the boat speed by the factor from column B.



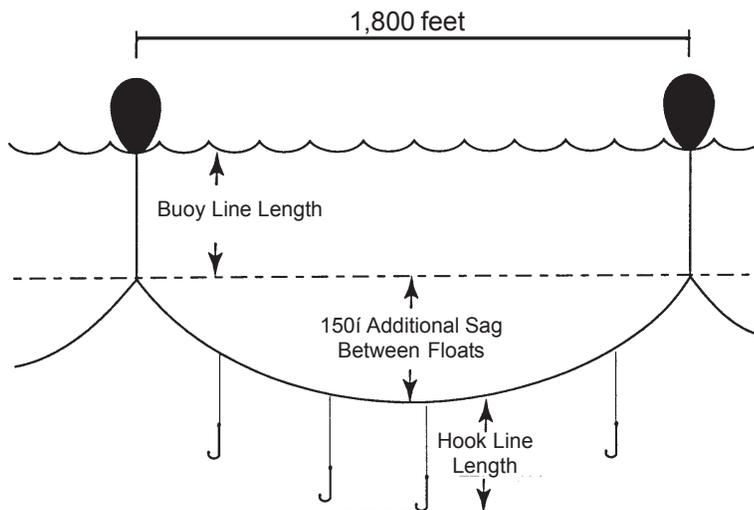
**Example:**

With a distance of 1,800 feet between float buoys and a desired additional main line sag of 150 feet, the calculations would be made as follows.

150' desired sag (divided by) 1,800' distance between floats equals .08. Locate .08 in the chart from column A, then multiply column B by the boat speed which is 8 knots.

$$1.017 \times 8 \text{ (knots)} = 8.14 \text{ knots.}$$

This is the speed setting on the line setter.



A	B	A	B	A	B	A	B	A	B
.01	1.000	.11	1.032	.21	1.114	.31	1.239	.41	1.401
.02	1.001	.12	1.038	.22	1.124	.32	1.254	.42	1.419
.03	1.002	.13	1.044	.23	1.136	.33	1.269	.43	1.437
.04	1.004	.14	1.051	.24	1.147	.34	1.284	.44	1.455
.05	1.007	.15	1.059	.25	1.159	.35	1.300	.45	1.474
.06	1.010	.16	1.067	.26	1.171	.36	1.316	.46	1.493
.07	1.013	.17	1.075	.27	1.184	.37	1.332	.47	1.512
<b>.08</b>	<b>1.017</b>	.18	1.084	.28	1.197	.38	1.349	.48	1.531
.09	1.021	.19	1.094	.29	1.211	.39	1.366	.49	1.551
.10	1.026	.20	1.103	.30	1.225	.40	1.383	.50	1.571