

SHROUD TENSIONS

For the best performance in each wind range, we adjust the shroud tensions by adjusting the rigging screws. Shroud tensions control the forestay sag and mast bend. The uppers control the Forestay tension and the lowers control the mast bend. As the wind increases, we want to increase the forestay tension to remove forestay sag and flatten off the Headsail. The lowers are used to control the mast bend balancing the forces of the Uppers and controls of the boat.

LOOS GAUGE MODEL PT-2				
WIND SPEED KNOTS	UPPERS TENSION	½ TURNS FROM BASE	LOWERS TENSION	TURNS FROM BASE
0-6	20	-9	SLACK	-6
6-10	25	-6	10	-3
10-18 - BASE	33	0	17	0
18-25	37	+10	31	+13
25+	39	+13	32	+14

LOOS GAUGE MODEL B				
WIND SPEED KNOTS	UPPERS TENSION	½ TURNS FROM BASE	LOWERS TENSION	TURNS FROM BASE
0-6	24	-9	SLACK	-6
6-10	31	-6	15	-3
10-18 - BASE	36	0	25	0
18-25	41	+10	35	+13
25+	42	+13	36	+14

**Please check the turns between rig settings on your boat as your rigging screws may have a different thread pitch to the ones used when this was written. If different please start at base and work up and down from this counting the half turns to the desired tension on the gauge and use this as the turns between settings.*

***If one setting is to be used for all then we recommend using the 18-25 setting on the uppers with 10-18 on the Lowers. "Imelda" was set this way and won two national championships... (We know this contradicts our Tuning guide). This sacrificed some speed for height in the light winds and sacrificed some height for speed in the breeze. If you want one setting does all this is the one we recommend. If you are happy to play with the rig a little then a good compromise would be to have the lowers set on 10 -18 knots and only move the uppers. Changing the uppers only between 10-18knots and 18-25knots. Effectively having 0-18 knots and 18knots+ uppers setting.*