

N13-L12 Quick Tuning Table



Base Setting for Super Spars M7+

Fore tention	LOOSE PT-1 : 25 - 27	*LOOSE PT1:Black Gauge
Side tention	LOOSE PT-1 : 35 - 37	Harken Rig Tune Pro : 320 ± 10kg all by 3 mm wire
Spreader	470 mm (for Mackay),480 mm (for Zeagelmayer & Nautivela)	
Mast step	3090 - 3105 mm from back end of the mast groove to back end of the boat (Choose the position to have 150 - 165 mm spreader deflection.)	

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Base Setting

	Gear-0 (for light wind)	Gear 1	Gear 2	Gear 3	Gear 4	Gear 5
Shroud Pin Position	1 (Light wind)	1	2	3	4	5
Wind Speed	0 – 6 kt	7 – 11 kt	11 – 14 kt	14 – 17 kt	17 – 20 kt	20 kt -
Mast Rake	6730 – 6750 mm		6690 – 6720 mm	6660 – 6680 mm	6600 – 6640 mm	6560 – 6600 mm
Pre-Bend	80 – 90 mm By putting the mast step back or closing the spreader	65 – 70 mm	65 - 70 mm	70 - 80 mm	80 - 90 mm	90 - 100 mm
Chocks (From Neutral Position)	2 back (reverse) chocks to 0	0 - 0.5 (without Vang) 1 - 1.5 (Vang-on)	0.5 – 1	0.5 – 1	0.5 – 1	0 – 1
Cunningham/Luff Wrinkles	wrinkles	wrinkles	wrinkles – smooth	smooth – tight	tight - very tight	very tight
Outhaul	1.5 cm from the Band	1 – 1.5 cm from the Band	0 – 1 cm from the Band	0 – 0.5 cm from the Band	0 cm from the Band	0 cm from the Band
Jib Tack Tension	wrinkles	wrinkles	smooth	tight	very tight	very tight

*Generally there can be a difference in stiffness between the same type of the masts.The numbers should in the table are for the mast which has enough stiffness for the sailors weight.
If the mast is too soft,these data does not apply.

*Prebend is highly affected by the mast stiffness,so use these number as the primary data to optimize.

*Full Tuning Guide to be downloaded from our website.