

M32 Quick Tune Guide

MAST PREBEND



Mast prebend: (170-180mm)

Attach a thin rope between spreaders. Set up "base" diamond tension. Measure the distance between back of mast track to rope.

MAST RAKE



Mast Rake: (450-390mm)

- 1) Connect main halyard to tape measure
- 2) Arc measurements are from the bottom of the mast tube and mast step.

- 3) Measure to top of traveler block on the back beam.

Rake even more forward (490mm). This increases power in light wind (lifting hull early).

When you have done your rake measurement it's easier to measure your front and back shrouds for daily set up. Please note that below "shroud" numbers are dependent on the shroud length (manually spliced). Use below numbers as guidelines.

All measurements are to top of shroud bolt in hull (see note).

DIAMOND TENSION

Diamond Tension (base 45-50)

Diamonds are measured with a Loos & Co RT 10 tension Gauge.

Some boats go as low as 35 on diamonds in really light conditions. Although it is faster, you need to know that wind stays light!

SAIL SET UP

Mainsail

Batten tension; Get rid of vertical wrinkles in main. Tighten much more than a normal 3Di sail with leech battens. Untighten battens when not using sail for a while. Mc Lube Luff makes it so easier to hoist main!

Cunningham tension is key to speed when you have power, or want to get rid of power sailing upwind. Pay attention to ease the Cunningham when you stop sailing or easing of main sheet. Mast straightens up when not using mainsheet and all loads goes into Cunningham grommet and the mainsail luff.

Gennaker/Code-0

Lashing instructions M-32 Anti Torsion cable. Use: 3-4mm dymema in head. 5-6mm in tack. Start with the head. Make it tight. Adjust tack lashing length so the cable take up the fore stay load, NOT THE SAIL. Some "Cunningham" wrinkles is good first time you use the sail. Lashing, knots, cable, stretch after use.

Tighter lashing= less load on sail.

Looser lashing= more load on sail.

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Adjustments (Full turns from BASE)

TWS	Rake	Front Spreaders	Back Spreaders	Diamonds	Spreaders	Rotator
0-5 kts	450mm	820mm	700mm	41	180mm	Daggerboard
5-10 kts	430mm	860mm	700mm	41	180mm	Traveler Beam End
> 10-14 kts	410mm	900mm	700mm	49	180mm	Traveler Beam End <
14-18 kts	400mm	910mm	680mm	57	180mm	Rudder
18-22 kts	400mm	910mm	680mm	63	180mm	Rudder
22+ kts	390mm	920mm	670mm	68	180mm	Rudder