

MELGES 24

QUICK TUNE CHART

VERSION 4 - FALL 2018



TWS	UPPERS	LOWERS	MAST SAG	JIB LEAD	JIB CUNN	MAIN CUNN	TRAVELER	VANG	BACKSTAY	JIB FURL
Knots	Turns from base	Turns from base					Upwind	Upwind	Upwind	Downwind
0 to 4	- 1	- 2	10 mm	0	Ease	None	Max Up	0	0	In
5 to 6	BASE	BASE	5 mm	1	Ease	None	Max Up	0	0	In
7 to 9	+ 3	+ 2	5 mm	2	Some	None	Up 8"	Slack Out	0	In
9 to 12	+ 6	+ 4	0	2 or 3	Some	25%	Up 6"	30%	25%	In/Out
12 to 14	+10	+ 8	0	3	Smooth	40%	Up 6"	50%	35%	Out
15 to 18	+ 14	+ 12	0	3	Smooth	60%	Up 4"	60%	50%	Out
19 to 20	+ 16	+ 14	Poke	3 or 4	Smooth	80%	Up 4"	75%	75%	Out
21 to 24	+ 18	+ 16	Poke	4	Smooth	Max	Center	75%	80%	Out
25 +	+ 20	+ 16	Poke	5	Smooth	Max	Center	75%	Max	Out

BASE SETTINGS

CALIPER #'S	UPPERS	LOWERS	HEADSTAY	RAKE
PORT	_____ mm	_____ mm	Turnbuckle	36' 6 1/2"
STARBOARD	_____ mm	_____ mm	_____ mm	
LOOS PT-2 #	15	15 then - 7 full turns off		

**Use Calipers to measure distance between turnbuckles once rig is set up at base for repeatability. Record here on this chart.

- This guide is for M24s with black Southern Spars mast and Dyform upper and lower shrouds.
- Rake is measured by hoisting a tape measure to the top of the mast on the main halyard. Measure to transom edge at waterline. Should be 11120 mm.
- In over 12 TWS hook the backstay bridle around the motor mount so you can get max backstay tension in breeze.
- Important to make sure lowers are tight in 15+ when the boat is overpowered so headstay gets proper tension and mainsail does not invert too early (clew to spreader location)
- Quantum recommends AIRX650 for spinnakers and using the A2 AP Runner in 6-18 TWS. The A2.5 Reacher is used in 0-6 TWS & 18+ TWS