

# MELGES 24 QUICK TUNE CHART



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"	25%	25%	In/Out
12 to 14	+10	+ 8	0	3	Smooth	40%	Up 6"	40%	25%	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	75%	Up 4"	75%	75%	Out
21 to 24	+ 18	+ 16	Poke	4	Smooth	80%	Center	80%	80%	Out
25 +	+ 20	+ 16	Poke	5	Smooth	Max	Center	Max	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 halyrd. Measure to transome 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 recomends 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