

QUICK TUNE *Dyform Shrouds*

MELGES²⁴



TWS	Uppers	Lower	Mast Sag	Jib Lead	Jib Cunn	Main Cunn	Traveler	Vang	Backstay	Jib Furl	Spin
Knots	Turns from base	Turns from base					Upwind	Upwind	Upwind	Downwind	Downwind
0 to 4	-1	-2	25 mm	0	Ease	None	Max up	0	0	In	V4
5 to 6	BASE	BASE	20 mm	0	Ease	None	Max up	0	0	In	V4
7 to 9	3	2	15 mm	1	Some	None	Up 8"	Slack Out	0	In	Z1/V4
9 to 12	6	4	10 mm	1	Some	20%	Up 6"	30%	30%	In/Out	Z1
12 to 14	10	8	0	2	Smooth	40%	Up 6"	50%	40%	Out	Z1
15 to 18	14	12	0	2 or 3	Smooth	60%	Up 4"	60%	50%	Out	V4
19 to 20	16	14	Poke	3	Smooth	80%	Up 4"	75%	80%	Out	V4
21 to 24	18	16	Poke	4	Smooth	Max	Up 2"	75%	Max	Out	V4
25+	20	20	Max Poke	4	Smooth	Max	Up 2"	75%	Max	Out	V4

• All turns are from BASE • Setting of 5 to 6 TWS

2026_v13

BASE SETTINGS

M²⁴

Caliper #'s	Port	Starboard	Loos PT-2	Rake
Uppers	_____ mm	_____ mm	15	36' 6 1/2"
Lower	_____ mm	_____ mm	15 then -7	
Headstay	Turnbuckle	_____ mm	full turns off	

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

TIPS

- This guide is for M24's with the black Southern Spars mast and Dyform upper & lower shrouds with open body style turnbuckles
- 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 36' 6 and 1/2"
- Jib lead #2 is the drilled out 3rd bolt head from the back of the jib track. Base jib lead (#1) for 5-6 TWS is one hole forward of the 3rd bolt head. Number holes 0 through 5
- 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 Z1 AP Runner in 9-14 TWS. The V4 Reacher is used in 0-8 TWS & 15+ TWS

M²⁴ RIG TURNS



Rig	TWS	Uppers	Lowers	Jib Lead
Step	Knots	Turns from base	Turns from base	
- 1	0 to 4	-1	-2	0
0	5 to 6	BASE	BASE	0
1	7 to 9	3	2	1
2	9 to 12	6	4	1
3	12 to 14	10	8	2
4	15 to 18	14	12	2 or 3
5	19 to 20	16	14	3
6	21 to 24	18	16	4
7	25+	20	20	4

• All turns from Base

M²⁴ SAIL CHART



BOAT NAME: _____ SAIL #: _____ DATE: _____

SAIL	CODE	MAN. #	DATE	ISAF #	TWS	NOTES	Regattas	USE
		Q Job #	New			Cloth, Colors, Details	Used	Days of Use
M3 AP Main	MN							
AG1 AP Jib	L/M							
Z-1 Runner	HVY							
V-4 Reacher	A1.5							

- We recommend AIRX-650 for spin cloth
- V-4 works well in chop/waves where driving is difficult

MELGES²⁴

UPWIND					
					
TWS	BS	Flat Heel	Wave Heel	TWA	TACK
6	4.8	5	6	45	90
8	5.5	8	10	40	88
10	5.7	10	12	36	85
12	5.8	12	14	34	80
14	6	14	15	34	76
16	6.2	15	16	35	74
20	6.2	15	16	35	72
25	6.2	15	18	36	70

DOWNWIND					
					
TWS	BS	Flat Heel	Wave Heel	TWA	JIBE
6	5	5	8	141	80
8	5.5	3	4	149	74
10	6	3	4	150	80
12	7	5	6	160	74
14	10	5	6	142	68
16	11.5	6	8	143	68
20	13	6	8	147	68
25	16	8	10	150	72

M²⁴ SAIL BATTENS



MAINSAIL	RBS GLASS AP	Width	Length
1 (TOP)	E15200NT	15 mm	1.45 m
2	E15230NT	15 mm	2.35 m
3	E15200F	15 mm	1.75 m
4	E15200F	15 mm	1.75 m

JIB	RBS GLASS AP	Width	Length
1 (TOP)	E10120F	10 mm	.760 m
2	E10120F	10 mm	.860 m
3	E10120F	10 mm	.860 m

RBS Glass All- Purpose Battens come stock with all Quantum Melges 24 upwind sails.

MAINSAIL	RBS CARBON AP Set	Width	Length
1 (TOP Standard)	CB10180C	10 mm	1.45 m
1 (TOP HVY)	CB10200C	10 mm	1.45 m
2 (Standard)	CB10180C	10 mm	2.35 m
2 (HVY)	CB10250C	10 mm	2.35 m
3	CB10200F	10 mm	1.75 m
4	CB10200F	10 mm	1.75 m

JIB	RBS CARBON AP	Width	Length
1 (TOP)	CB10100	10 mm	.760 m
2	CB10120	10 mm	.860 m
3	CB10120	10 mm	.860 m

M²⁴ CREW INFO



BOAT NAME: _____ SAIL #: _____

NAME	POSITION	WEIGHT	PHONE NUMBER	EMAIL	NOTES
	Helm				
	Tactician				
	Trimmer				
	Middle				
	Bow				

TOTAL CREW WEIGHT IN LBS. = _____

** No class max weight starting in 2024
Old max crew wt. was 826 LBS or 375 KG*

M²⁴ SCHEDULE



BOAT NAME: _____

[illegible]