



SAILMAKERS TO WORLD CHAMPIONS

Spreaders (Crew Weight of 95kg +)

Length: 405mm

Angle: 145mm

Above Deckband: 3060mm

Mast

Foot: 3050mm as back as it is legal

Shroud from Transom: 2600mm

505 SUPER SPAR M2

BY JENS FINDEL

Wind Speed (Knots) (Beaufort)	0-4 0-1	4-8 2-3	8-10 3	10-12 3-4	12-14 4	14-17 4-5	17-22 5	22-Up 6
Mast Rake Metric	7830	7850	7820	7790	7750	7720	7700	7670
Rig Tension	Very tight	Very tight	Very tight	Tight	Tight	Tight	Tight	Tight
State	Rig tension depends also very much on waves, if sloppy, looser rather than tighter							
Kicker	No	No	A bit	Yes	Yes	Yes	Yes	Yes
Reason	Twist control with mainsheet		To stop boom skying when tacking or easing	To control twist	To control twist	To control twist and bend mast	To control twist and bend mast	To control twist and bend mast
Cunningham	No	No	No	No	No	No	A bit	More
Jib Fairleads from C/line in lowest position	470	470	480	490	500	510	520	550
Strut	Up, to prebend mast as long crew is in the boat		Neutral, when crew is on the wire	Down, nearly no curve in the lower section of the mast		Allow curve in lower section of mast		
Jib Luff Tension	No creases	See creases	See creases	Just a hint of creases	No creases	No creases	Tension - a little	Tension - a little
Centreboard Position	Gybe	Gybe	Gybe	Gybe	Gybe	Straight	Raise a bit	
Outhaul	Tight all the time							