

## Optimist Spar Measurement

Measurers should check the following measurements before signing the relevant forms in the Registration & Measurement Book.

### Mast

Item	Measurement	RP	Min.(mm)	ACTUAL	Max.(mm)
1	Buoyancy of mast	1/12	30 mins.		
2	Mast section circular	1/12	44		
3	Overall length				2350
4	Position of upper eye or hole from top of mast	1/12	20		
5	Position of lower eye or hole from top of mast	6/12	120		
6	Position of lower edge of upper measurement band from top of the mast	6/12	610		
7	Position of upper edge of lower measurement band from top of the mast	1 & 2/12			635
8	Width of measurement bands	2/12	10		
9	Position of pin stop from top of the mast	5/12	1670		1690
10	Pin stop diameter	5/12			8
11	Pin stop height	5/12			10
12	Position of wind indicator from top of mast	6/12			1

### Boom

Item	Measurement	RP	Min.(mm)	ACTUAL	Max.(mm)
1	Buoyancy of boom	1/12	30 mins.		
2	Boom section circular	1/12	25		
3	Length excluding jaws	1/12			2057
4	Thickness of boom jaws	4/12			35
5	Inner edge of measurement band from aft edge of mast	1&10/12			2000
6	Width of measurement band	10/12	10		
7	Outhaul eye or hole from inner edge of measurement band	10/12			40
8	Outhaul cleat from outer end of boom	10/12	400		
9	Position of downhaul eye/stop from aft edge of mast	5/12			200
10	Distance between boom and span	11/12			100

### Sprit

Item	Measurement	RP	Min.(mm)	ACTUAL	Max.(mm)
1	Buoyancy of sprit	1/12	30 mins.		
2	Sprit section circular	1/12	24		
3	Length including fittings	1/12			2286
4	Widening after narrowing at sail fitting	8/12			13
5	Location of optional eye/hook/hole from end of sprit	8/12			60