

OPTIMIST FOIL MEASUREMENT FORM

This form is intended for use by measurers officially recognised by a National Authority (CR 2.5.1) for foils produced in accord with the 2004 Class Rules of the International Optimist Dinghy Association (IODA). These Rules are online at www.optiworld.org/2004CR.pdf

The form is intended as a record for the measurer and need NOT be given to the owner of the foils. Instead the foil measurement CERTIFICATE printed on pink paper and included in the Registration Book should be completed and signed. Spare certificates may be downloaded from www.optiworld.org/newfoilform.pdf

Rudder:

Manufacturer: _____ See CR 3.4.1.5

Mould Identification Number: _____ See CR 3.4.1.5

Year of Manufacture: _____ See CR 3.4.1.5

Item	Specification	Min	Actual	Max
1	Rudder head top width (X): 175mm +0/-2	173		175
2	Rudder blade width (Y): 260mm +0/-3	257		260
3	Rudder blade length (Z): 400mm +0/-2	398		400
4	Rudder head length (P): 337mm +0/-2	335		337
5	Rudder blade angle (ALFA): 165° +1/-1	164		166
6	Rudder blade forward corner angle: 90° +1/-1	89		91
7	Rudder blade aft corner angle: 90° +1/-1	89		91
8	Rudder blade forward corner radius: 40mm +5/-5	35		45
9	Rudder blade aft corner radius: 90mm +5/-5	85		95
10	Bevelling from any edge except top of rudder head			60
11	Thickness	14		15
12	Is the tiller removable and fixed by 2 metal bolts of 5mm +/-1.5 diameter (C.R.3.4.2.4)?		Yes/No	
13	Length of tiller			750
14	Length of tiller extension			750
15	Length of tiller and tiller extension assembly			1200
16	Diameter of pintles			6
17	Distance between bearing line of upper pintle and top of tiller	85		
18	Retaining clip at forward edge of rudder head below upper bearing line	5		
19	Assembled rudder + tiller + tiller extension + fittings weight	1.5 Kg		
20	Assembled rudder + tiller + tiller extension + fittings float?		Yes/No	

Daggerboard:

Manufacturer: _____ See CR 3.3.1.4

Mould Identification Number: _____ See CR 3.3.1.4

Year of Manufacture: _____ See CR 3.3.1.4

Item	Specification	Min	Actual	Max
1	Length	1062		1072
2	Width	280		290
3	The width shall not vary more than 3.0mm			3
4	Position of Centre of Gravity from lower edge	520		
5	Thickness	14		15
6	Bevelling of edges limit			60
7	Variation of thickness between bevelling limits			0.5
8	Radius of lower corners			32
9	Height of stop battens	30		40
10	Battens shall extend over the full width of the board		Yes/No	
11	Radius of exposed edges of stop battens. No sharp projections			5
12	Thickness of assembled daggerboard and stop battens	40		50
13	Optional non metallic reinforcements (bushing) for screws, rivets or bolts			20
14	One hole through daggerboard and batten (optional). Max. dia.			10
15	Fixing of battens with glue and 2 (5mm+/-1.5) metal bolts and nuts		Yes/No	
16	Length of fasteners shall be the same (+0/-5mm) as the thickness of assembled daggerboard and battens		Yes/No	
17	Ballasting or cut outs of the battens are prohibited		OK	
18	Weight	2.0Kg		
19	Does the daggerboard float?		Yes/No	

IF REQUIRED BY THE MNA THIS FORM MAY BE SIGNED, STAMPED AND DATED IN THIS AREA.