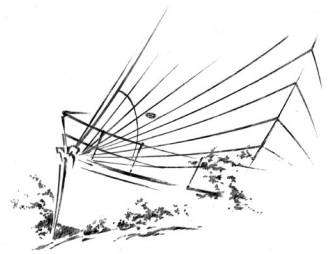




# Customer Measurement Form



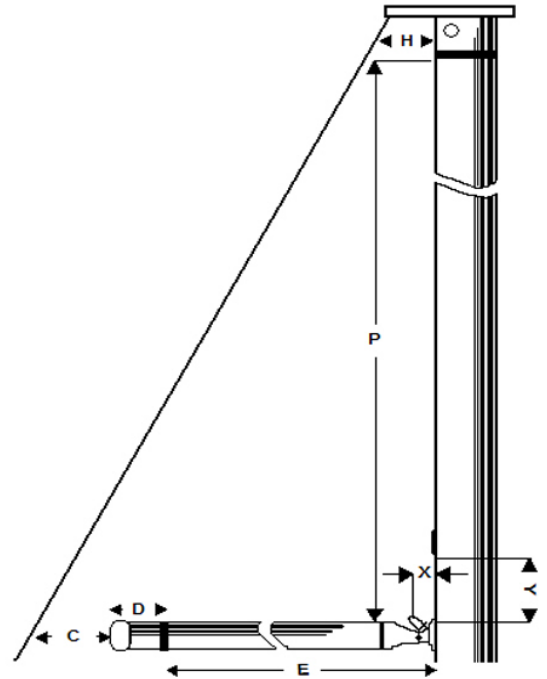
Customer: \_\_\_\_\_ Boat Type: \_\_\_\_\_ ID: \_\_\_\_\_

Boat Name: \_\_\_\_\_ Sail Number: \_\_\_\_\_ Rating Cert Enclosed: Yes  No

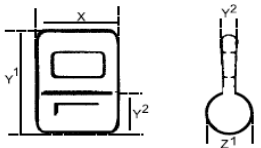
## MAINSAIL

### Section 1: MAST AND BOOM:

- P:** Maximum Luff Length \_\_\_\_\_ m.  
**Please indicate if P was taken to Black Band or to Maximum Halyard Hoist**
- H:** Approximate width at Mast Top \_\_\_\_\_ mm.  
**(Estimate from deck level - use mast width as a guide)**
- E:** Maximum Foot Length \_\_\_\_\_ m.  
**Please indicate if E was taken to Black Band/Clew of Mainsail or to end of boom**
- C:** Backstay to end of Boom casting horizontally \_\_\_\_\_ mm.
- D:** End of boom to Black Band / Clew \_\_\_\_\_ mm.
- X:** Tack attachment set back from Mast. \_\_\_\_\_ mm.
- Z:** Reef Horn Setback from Mast. \_\_\_\_\_ mm.
- Y:** Top of boom to Mast Gate/Sail or Slider entry \_\_\_\_\_ mm.
- BAD:** Top of boom down to Mast Base \_\_\_\_\_ mm.
- Sail Logo:** \_\_\_\_\_
- Mast Manufacturer:** \_\_\_\_\_
- Luff Rope Diameter:** (if no sliders) \_\_\_\_\_ mm.
- Foot Rope Diameter:** (if rope footed) \_\_\_\_\_ mm.

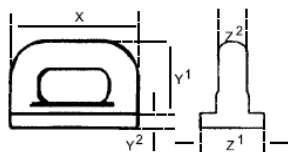


### Section 2: SAIL SLIDER IDENTIFICATION:

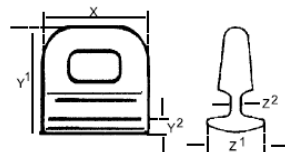


HA158, HA258, HA358

NB: If slide is other than those shown, please provide details or a sample.



HA89, HA90



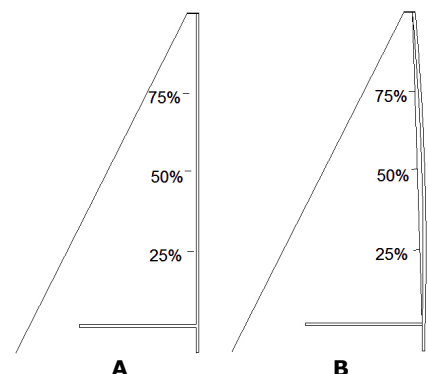
HA458, HA558

Fitting Number	Alternate Fitting #	x mm	y1 mm	z1 mm	z2 mm	y2 mm	TICK BELOW W
HA158	A016	22	29	8	3	9	<input type="checkbox"/>
HA258	A017	50	40	14	3	11	<input type="checkbox"/>
HA358	A018	22	30	12	3	12	<input type="checkbox"/>
HA89	A007	32	21	15	7	4	<input type="checkbox"/>
HA90	A008	35	23	18	9	4	<input type="checkbox"/>
HA91	A009	39	25	21	8	5	<input type="checkbox"/>
HA458	A014	35	29	13.8	4	6	<input type="checkbox"/>
HA558	A013	25	22	10.5	4	3	<input type="checkbox"/>
511-607 (MDS)	A012	40	30	20	8.5	6.5	<input type="checkbox"/>
511-605 (MDS)	A011 or 2241-1030	30	34	20	10	6.5	<input type="checkbox"/>

### Section 3: MAST BEND / LUFF CURVE:

**EITHER:** There is no Pre-Bend or the Backstay is non-adjustable, and is a straight or masthead rig  **OR:**

Approximate Mast Bend	at 25%	at 50%	at 75%
<b>A: Pre-Bend</b> (Backstay OFF)	_____ mm*	_____ mm*	_____ mm*
<b>B: Max. Bend</b> (Backstay ON)	_____ mm*	_____ mm*	_____ mm*



\* Estimate these values using the mast's width as a guide

The Sail Loft, Unit 16, Sandford Lane Industrial Estate, Wareham, Dorset BH20 4DY

Telephone: +44 (0)1929 554308

Email: [info@kempsails.com](mailto:info@kempsails.com)

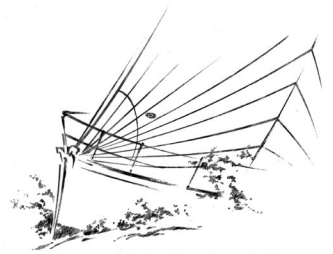
Fax: +44 (0)1929 554350

Web: [www.kempsails.com](http://www.kempsails.com)



# Customer Measurement Form

Customer: \_\_\_\_\_ ID: \_\_\_\_\_

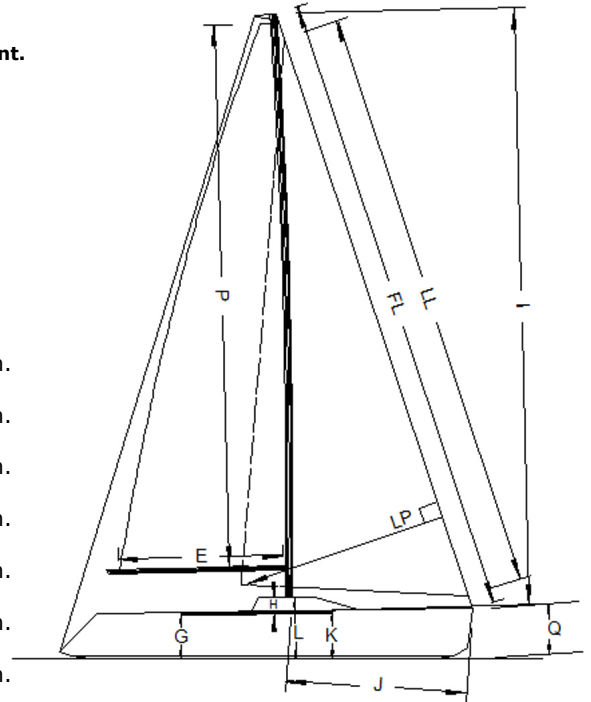


## HEADSAILS

### Section 4a: FORETRIANGLE:

Hank-On Sail:  Roller Furling Sail:

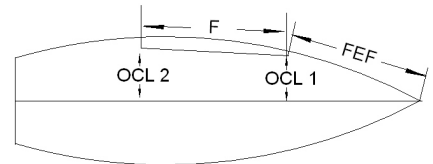
- LL:** Maximum Luff Length \_\_\_\_\_ m.  
For Furling sails: LL must be taken from Top Swivel down to Tack attachment.
- FL:** Maximum Luff Length (to forestay pin measurement) \_\_\_\_\_ m.  
For Hank-On or Luff Foil sails: FL should be taken using the Genoa Halyard.
- I:** From max hoist of Genoa halyard down to sheerline (toe rail) adjacent to mast. \_\_\_\_\_ m.
- MH:** From max hoist of Genoa halyard down to mast base. \_\_\_\_\_ m.
- J:** Mast base to lower forestay pin attachment point \_\_\_\_\_ m.
- C:** Tack attachment point to sail entry in Luff groove. \_\_\_\_\_ mm.
- D:** Tack attachment point to forestay pin. \_\_\_\_\_ mm.
- G:** Distance from aft end of Genoa track down to waterline. \_\_\_\_\_ mm.
- K:** Distance from Forward end of Genoa track down to waterline. \_\_\_\_\_ mm.
- H:** Distance from Mast Base down to Toe Rail adjacent to mast. \_\_\_\_\_ mm.
- L:** Distance from Mast Base down to waterline. \_\_\_\_\_ mm.
- Q:** Distance from Forestay Pin down to waterline. \_\_\_\_\_ mm.



Tack Attachment type: Horns  Snap Shackle  Bar & Pin  Deck Ring

The following two points are measured from the Forestay Pin aft & their Distance 'Off Centre Line' (OCL):

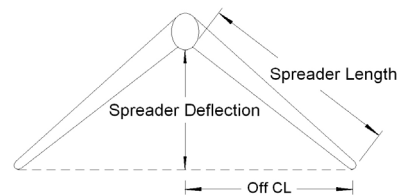
- FEF:** Front of Genoa Track \_\_\_\_\_ mm. & **OCL 1:** \_\_\_\_\_ mm.
- F:** Length of Genoa Track \_\_\_\_\_ mm. & **OCL 2:** \_\_\_\_\_ mm.



### Section 4b: SPREADER HEIGHTS AND WIDTHS:

	1st set	2nd set	3rd set
Height above Mast Base:	mm*	mm*	mm*
Spreader Length from Mast:	mm*	mm*	mm*
Cap Shroud Base off Centre Line:	mm	Spreader Deflection:	mm
Mast width fore/aft :	mm	Mast rake:	mm*

\* Estimate these values from deck level using the known mast width and height as guidelines



### Section 5: FORESTAY / FURLER / FOIL DETAILS:

Please advise the make and model of your Furling / Luff Foil gear. Alternatively, give details of the rope diameter required to fit your foil.

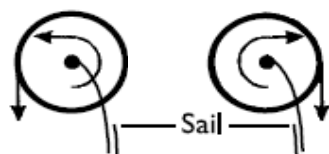
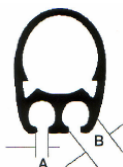
Make: \_\_\_\_\_ Starboard UV  Port UV

Model: \_\_\_\_\_

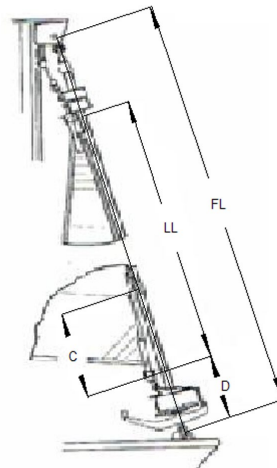
Groove Type:

Single:  Twin:

A: \_\_\_\_\_ mm.  
B: \_\_\_\_\_ mm.



Required UV Stripe Colour: \_\_\_\_\_



N.B. If ordering a New Forestay and/or Furler Please ensure you have defined the **FL** measurement and Specify the Top Terminal Type:

The Sail Loft, Unit 16, Sandford Lane Industrial Estate, Wareham, Dorset BH20 4DY

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