

Always start here
This will fill automatically
headers in all other sheets

Customer information Version:080429



Customer name :	<u>Customer name</u>
Home phone :	<u>Home phone</u>
Work phone :	<u>Work phone</u>
Fax :	<u>Fax</u>
E-mail :	<u>E-mail</u>
Boat type :	<u>Boat type</u>
Boat name :	<u>Boat name</u>
Rule :	<u>Rule</u>
Sail number. :	<u>Sail #</u>
Colour :	<u>Colour</u>
Order number :	<u>Order #</u>
Salesman :	<u>Salesman</u>

Custom Measurement form Version:080429



MAINSAIL

O/E#	<input type="text" value="Order #"/>	Boat type	<input type="text" value="Boat type"/>
Customer name	<input type="text" value="Customer name"/>	Boat name	<input type="text" value="Boat name"/>
Home phone	<input type="text" value="Home phone"/>	Rule	<input type="text" value="Rule"/>
Work phone	<input type="text" value="Work phone"/>	Sail number	<input type="text" value="Sail #"/>
Fax	<input type="text" value="Fax"/>	Colour	<input type="text" value="Colour"/> Size <input type="text" value=""/>

The information on this form will enable North Sails to design the best possible sail for your boat

1 a) MAST & BOOM	1 b) GIRTHS	1 c) BATTENS	1 d) MAST SIZE
P (Luff) <input type="text"/>	MGU (Upper) <input type="text"/>	BL1 (Top) <input type="text"/>	Width <input type="text"/>
E (Foot) <input type="text"/>	MGM (Middle) <input type="text"/>	BL2 (Upper-mid) <input type="text"/>	Circumference <input type="text"/>
HB (Headboard width) <input type="text"/>	MGT (Top) <input type="text"/>	BL3 (Lower-mid) <input type="text"/>	Manufacturer <input type="text"/>
BAS (Boom above sheer) <input type="text"/>	MGL (Bottom) <input type="text"/>	BL4 (Optional) <input type="text"/>	
MSW (Mainsail weight) <input type="text"/>		BL5 (Optional) <input type="text"/>	
		BL6 (Bottom) <input type="text"/>	

2. MAST ATTACHMENT

Please refer to diagram 2 and supply measurements:

Known slide types

Headboard slide

Batten slide

Intermediate slide

Reef slide

3. Feeder height:

Measure from the top of the boom in it's normal sailing position, up to the top of the entrance for bolt rope or slide.

4. Length of entrance opening

BOOM ATTACHMENT

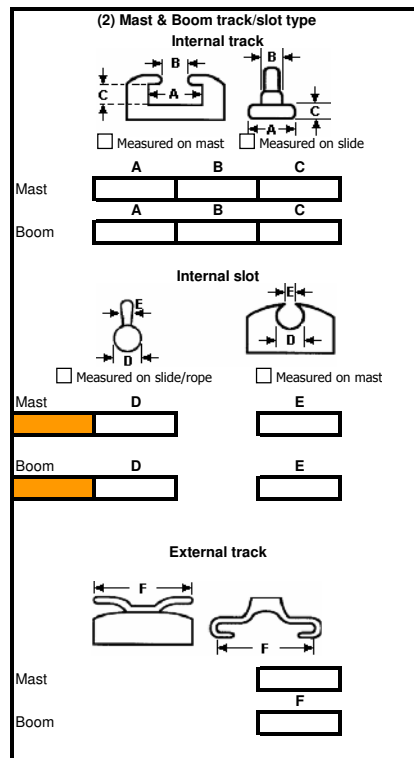
5. Boom track/slot type

North's standard mainsail comes equipped with a loose foot. Skip to item 7 if this applies to your sail. If you require the sail attached to the boom, refer to diagram 2 and fill in the dimensions as in 2.

Internal slot with:

6. Measure from the aft side of the mast to the entrance of the track/groove on the boom.

7. Tack up Measure distance from the top of the boom to the bearing surface of the tack fitting.



8. **Tack back** Measure distance from the back of mast to the bearing surface of the tack fitting

9. **Reef Hook Up** Measure distance from the top of boom to bearing surface of reef hook

10. **Reef Hook Back** Measure to the bearing surface of the reef hook

11. **Clew Slug or Slide** Please complete section #5

12. **Outhaul Car** Measure from the top of boom to bearing surface of the out haul pin (if the out haul fitting is a rotating shackle, measure the shackle at 45° to the boom)

Outhaul Car length

Outhaul Car Traveller Measure the travel distance between the max. and min. position

13. **Clew Strap** Circumference of boom at max. Position

14. **Maximum Foot** From aft face of mast to bearing surface at outhaul position
Note. If your Max foot differs significantly from 'E' listed in section 1, you should contact your sales representative immediately.

15. **Backstay Position** Measure from aft side of the mast along the boom to the backstay with the boom horizontal

16. **Maximum Luff Length** Raise the halyard to the top, so the tape is at the normal head position. (base of the black band). Measure to the top at the boom at the tack. - *be sure the boom is in the normal sailing position*

17. **Maximum Leech length (ML)** Without moving the halyard, measure to the maximum out haul as in #14. *Be sure the boom will clear the dodger, gallows and heads*

Before lowering the tape register the distance to the main shroud base at the deck

For a fractional rig, lower the tape to the hounds and measure the distance to the top at the main shroud base at the deck

18. **Head Width** Estimate the distance between aft face of the mast and the backstay at the head position

19. **Spreader position** Lower tape measure to the top spreader and measure to the shroud base
Repeat for each additional spreader.

#1 #2 #3 #4

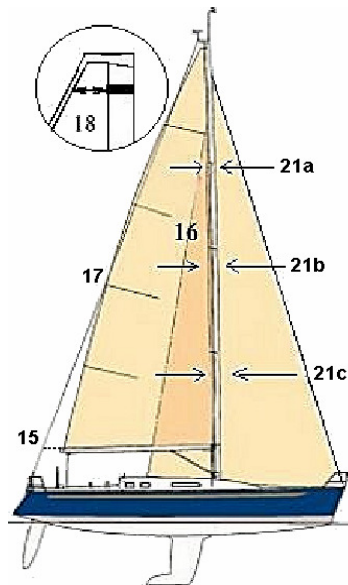
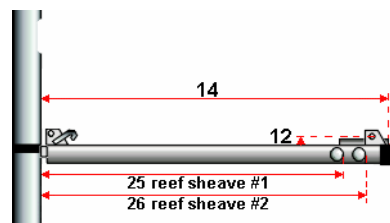
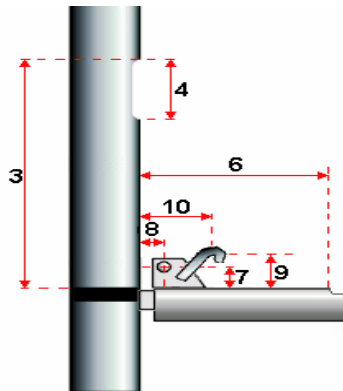
20. **Spreader Length** If it is not possible to get exact length, half measure the distance between the main shrouds from one side to the other.

21. **Mast Bend** Tension the backstage to bend for app. sailing conditions. Attach the main halyard to the tack fitting apply moderate tension. Using the mast width as a guide estimate the bend at;

a) Top 1/4.....
 b) Middle.....
 c) Bottom.....

25. **Reef sheave # 1**

26. **Reef sheave # 2**



(Please check port, starboard, press ring or floppy ring)

22. Cunningham

23. 1st reef

24. 2nd reef

Notes :



Customer : Customer name

Order number : Order # **Boat type :** Boat type

Sail number : Sail # **Colour :** Colour

Measured by
Name : Salesman

Date : 4-Oct-08

Battens
 No of full battens _____
 No of leech battens _____

Slides / cars
Luff attachment
 PCS Item Type

_____ HB-slides _____

_____ Batten slide _____

_____ Intermediate _____

Sail offset _____ mm

Boltrope
 Boltrope diameter _____ Ø mm

Reef heights

	Luff	Leech
1. reef		
2. reef		
3. reef		

Reef back : _____ mm

Tack back : _____ mm

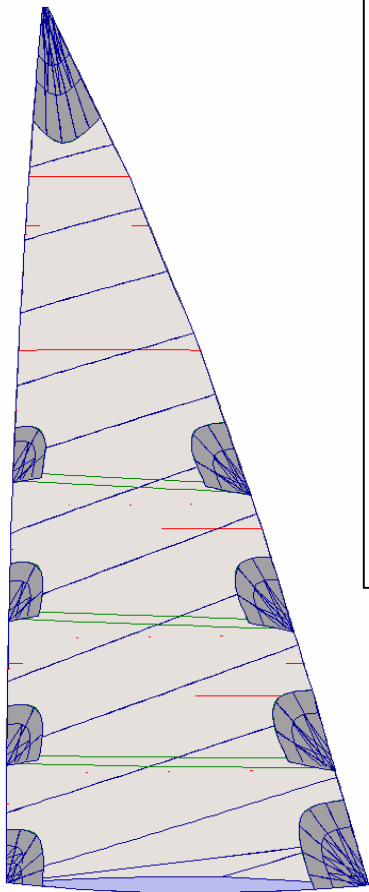
Foot type

_____ Loose foot

_____ Foot shelf -> Cord diam. _____ Ø mm

_____ Cord stop @ tack _____ mm

_____ Cord stop @ clew _____ mm



HB : _____ mm

MGT : _____ m

MGU : _____ m

MGM : _____ m

Luff : _____ m

Leech : _____ m

Foot: _____ m

Clew slide

_____ Yes -> type _____

_____ No

_____ Velcro loop