

MAINSAIL

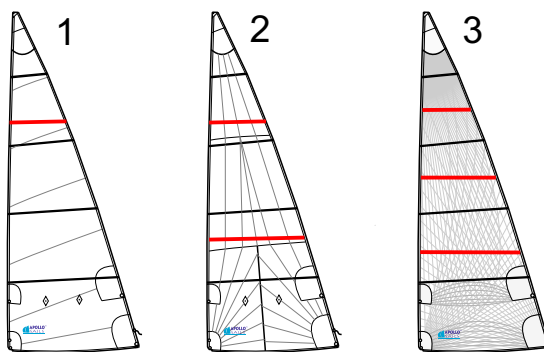
Complete Information on this form will enable us to design the best professional sail for Your boat.
If You have old sail, You can send it to us, or complete the measurement form of existing mainsail, You can find it on our website. If it's possible, send us IRC or ORC certificate.
If any dimension is unclear to You, see the technical drawing on the last page of the form.

Name Surname:	Boat model:	Phone, eMail:
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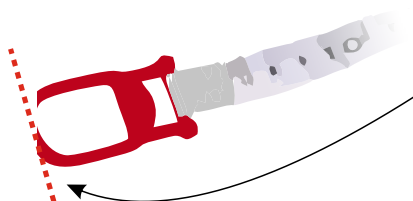
Type of sail:
Inshore
Offshore
Racing

- 1 (cross cut)
2 (radial cut)
3 (membran sail)

Optional - preferred material:



Pmax (not luff of sail)	Maximum distance from top edge of boom to head point with tightened halyard. Attach a tape measure to the main halyard and hoist maximum to the top (or bottom edge of black band, if one exists). Measurement taken: maximum to the top black band	
Emax (not foot of sail)	Maximum distance from back face of mast to the clew point (look on technical drawing) with fully tightened outhaul (or forward edge of black band, if one exists) Measurement taken: to clew point black band	
H	Longitudinal length of the mast head (optional).	
H1	Distance between back face of mast to back stay just under mast head. Attach a tape measure to the main halyard and hoist maximum to the top. Arrange measure tape in parallel to the back stay and estimate distance.	
H2	Distance between clew point (look on technical drawing) to back stay at boom height.	
Bas	Distance between top edge of boom to deck.	
B	Distance between clew point (look on technical drawing) to the end of boom.	
R1	Distance between back face of mast to last cheek block on the boom.	
R2	Distance between back face of mast to second cheek block on the boom.	
R3	Distance between back face of mast to third cheek block on the boom.	
If the boom has no cheek blocks, put height of the reefs, or sail surface to reduce		



Dimensions has to be reported from the „0“. Use measurer with point zero on the outside edge.

Mast: producer and brand:

Rig type: masthead fractional

Mast rake: Take the mainsail halyard and put weight on it (let it hang freely at the boom height). Measure from the weight to the back face of the mast.

Mast bend:	height from boom	minimum bend	maximum bend
3/4	<input type="text"/>	<input type="text"/>	<input type="text"/>
1/2	<input type="text"/>	<input type="text"/>	<input type="text"/>
1/4	<input type="text"/>	<input type="text"/>	<input type="text"/>

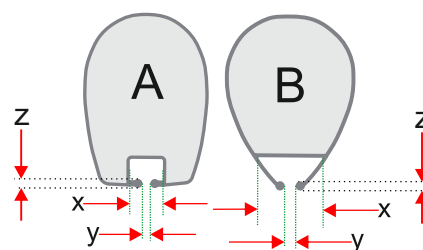
Some mast bend to alter mainsail shape we will need to determine the amount of bend in Your mast. Runners / Backstay untight then attach the mainsail halyard to the back face of the mast at boom height, estimate mast bend. Then pull Runners / Backstay tight and try estimate maximum bend of mast.

Mast profile:

A
B

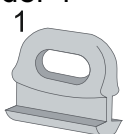
Put dimensions:

X: Y: Z:



How Your sail will be attached to the mast?

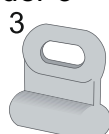
slider 1



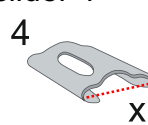
slider 2



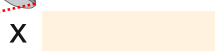
slider 3



slider 4



boltrope



Battens (quantity):

full
short

Batten cars:

Yes
No

Intermediate cars:

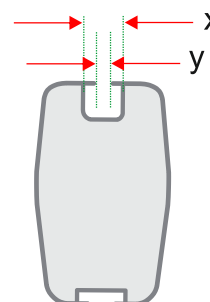
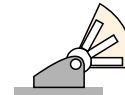
Yes
No

Boom: producer and brand:

Boom profile: X: Y:

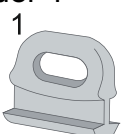
How clew will be attached to the boom?:

- 1 clew slider (standard round slider)
- 2 velcro strap (webbing with velcro around the boom)
- 3 boom traveler (boom has own track)

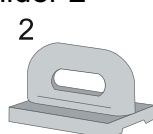


How Your sail will be attached to the boom?

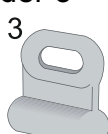
slider 1



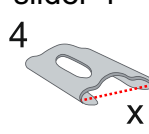
slider 2



slider 3



slider 4



boltrope

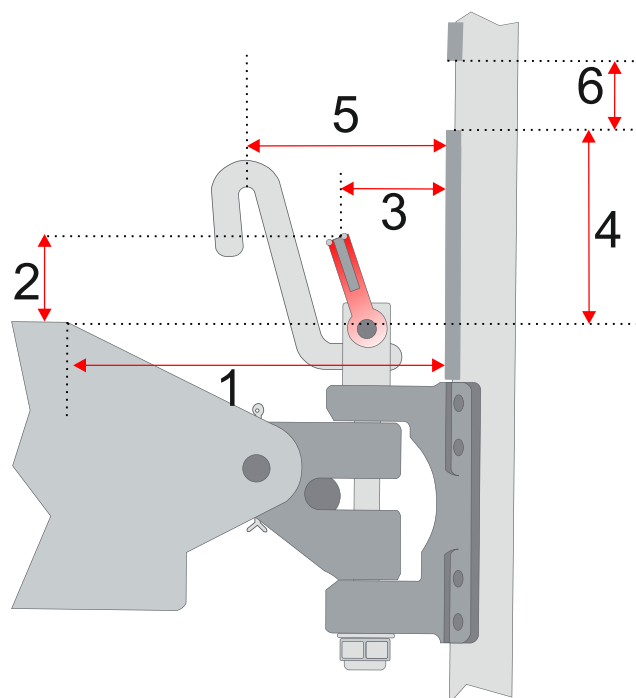
free foot



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Tack corner fitting:

- 1 From aft face of mast to groove in boom
- 2 Points 2 and 3 are bearing surface of the tack corner
- 3
- 4 From the boom to bottom edge of the mast loaded groove
- 5 From aft face of mast to bearing surface of reef hook
- 6 Height of the mast loaded groove



The technical drawing shows an example of a tack fitting. In this case, shekel (red on the drawing) was used as a tack bearing surface, however, on Your boat can be different type of mounting (hook, attachment bar, etc.) If You have shackle, it should be positioned similarly to the drawing, more directed to the luff (upwards) than foot, because luff transfers a greater tension than the foot.

Draft stripes: Draft stripes better show the shape of the sail and make it easier to trim

yes
no

color:

blue

red

black

grey

white

Sail numbers:

yes
no

color:

blue

red

black

grey

white

NOTES:

Add Your special needings for your sail