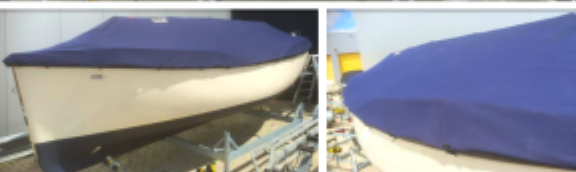




Monkeyclip
Bootzeil Invention

Bootzeil
Custom Covers



Bootzeil

Guide

**Sloop & open boat
2016-2017**

Extra:
For the instruction video visit:
www.bootzeil.nl

Preface

Bootzeil is the most innovative sail maker in the world today. We present you with pride our new type of boatcover.

While following this instruction you can easily make your cover fully customized as you wish.

We wish you on behalf of the entire Bootzeil team and its development partners every success and enjoyment when creating your own custom cover.

Disclaimer

- Steps need to be followed in the correct order to avoid missing essential stages (Do not skip steps and read all the warnings).
- Before your start read the entire manual to get an idea of the overall process.
- Monkey Clips occasionally can shoot of the cover, you have four spare clips should this happen.
- Contact Bootzeil or watch the help videos on the website if you do not understand actions. In the package are enough parts to make a cover. In case you make mistake, you can always order extra parts (try to avoid this for your own convenience).
- The cover can handle snow. However we recommend remove snow from the cover, so that pressure on the poles is limited.

Overview parts

Bootzeil (Type/Length fabric)	Number of poles	Monkey Clips	Fastening buttons
3,9	1	16 (+4)	16
4,4	2	18 (+4)	18
4,8	3	22 (+4)	22
5,3	3	22 (+4)	22
5,8	3	26 (+4)	26
6,3	4	26 (+4)	26
6,9	4	28 (+4)	28
7,4	4	28 (+4)	28
7,9	5	28 (+4)	28
8,4	5	30 (+4)	30
8,9	5	30 (+4)	30
9,7	6	30 (+4)	30
10,7	7	32 (+4)	32

1. Checklist Bootzeil

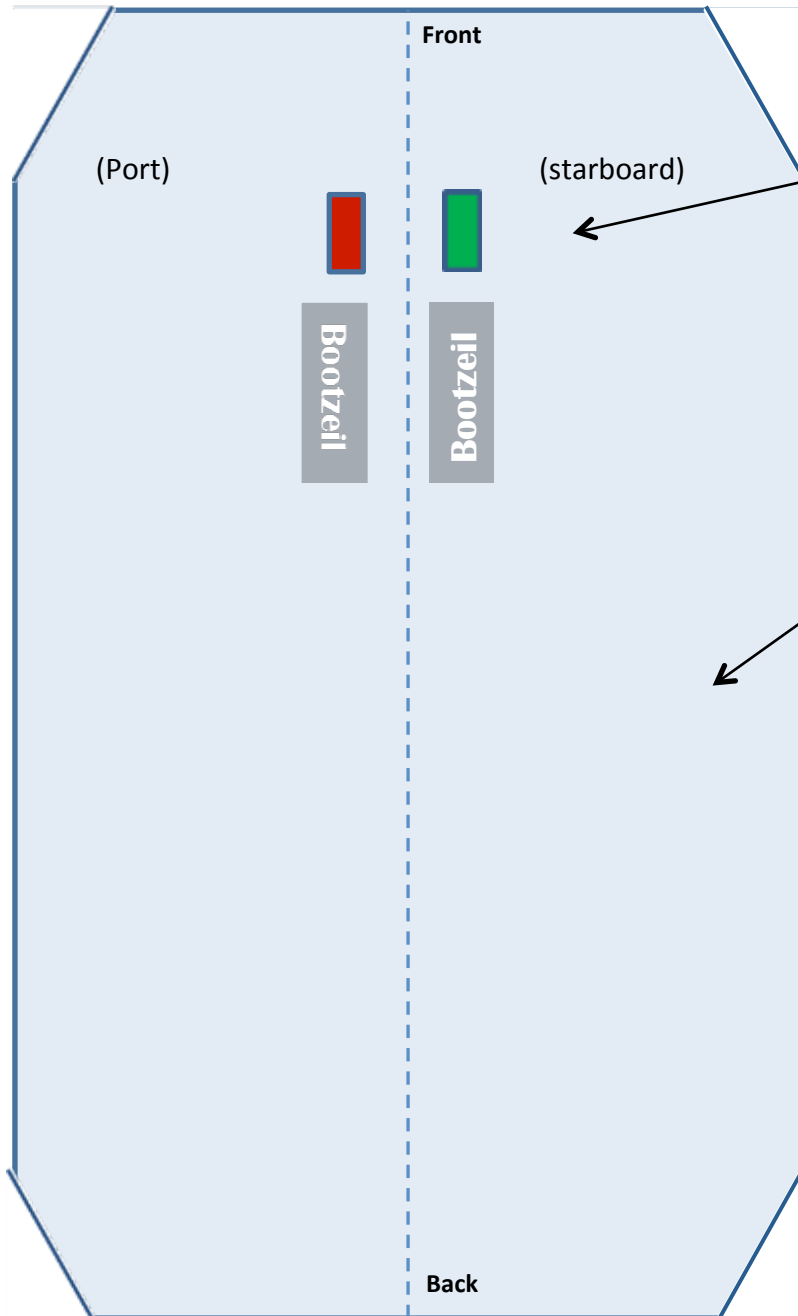


1. Lower Pole-pad + Elastics
2. Bamboo poles
3. Fastenings buttons
4. Monkey clips
5. Scissor
6. Basic fabric boat cover

2. Supplies

7. Saw
8. Spring rule
9. Pliers
10. Lighter
11. Cordless drill

2: Fold the fabric and place over the boat

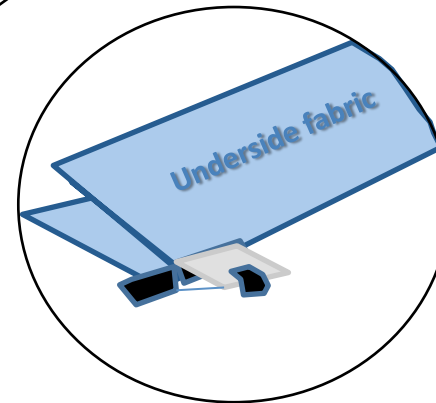


"Bootzeil" Logo = front side of the boat

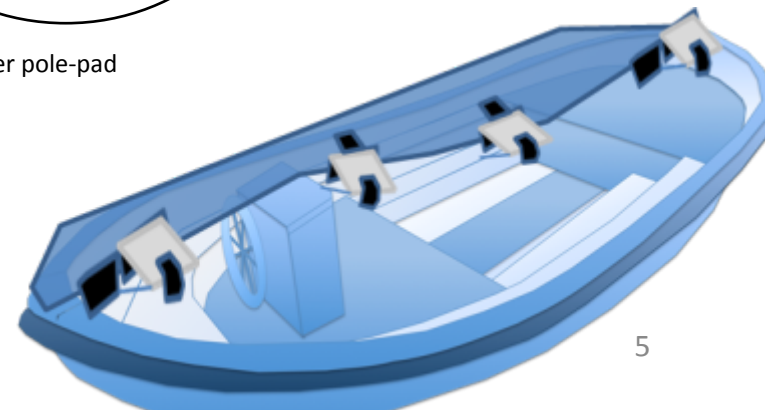
Step 1: Fold the fabric inside out so the underside with the upper pole pads are visible. Then place the cover over the length of the boat.



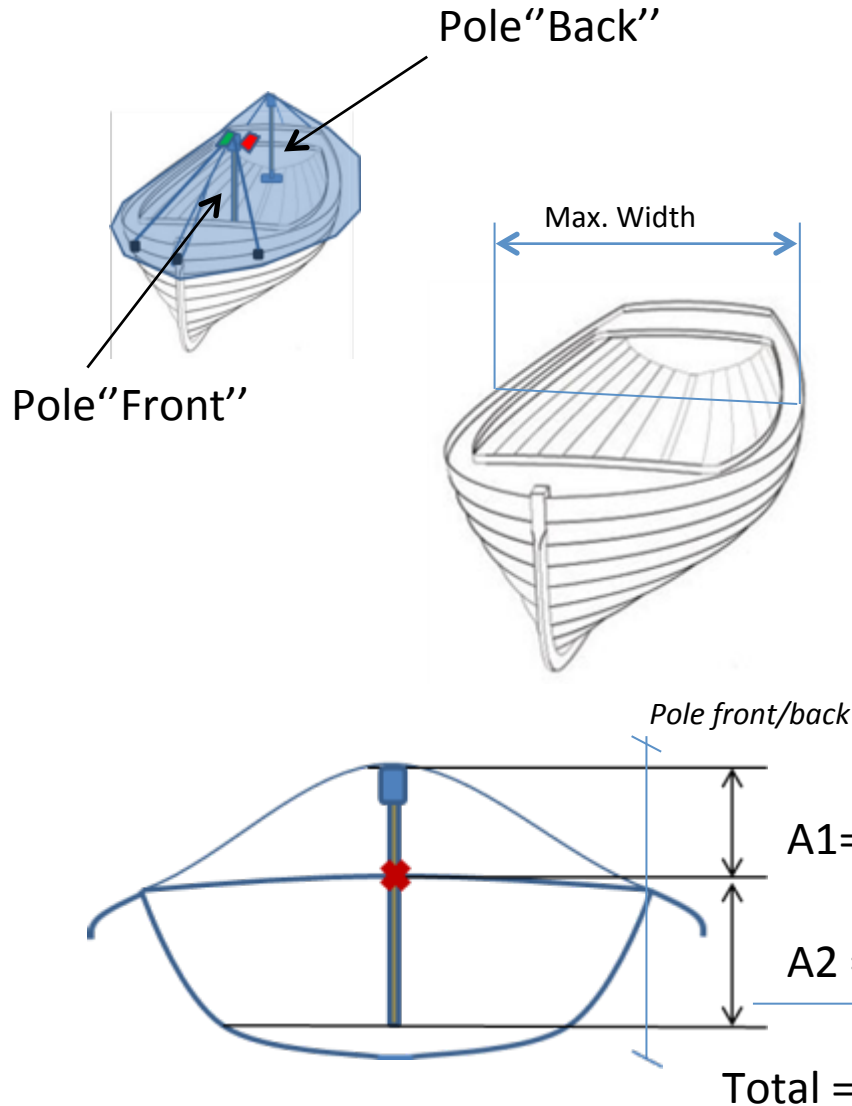
Note: Make sure the colored pads + the 'Boat Sailing' logo are on the front side of the boat.



Upper pole-pad



3: Determine pole height front and back



Advised height of the poles

(Max) Width boat	Length pole <u>A1</u>
1.0 – 1.6 m	50-55 cm (margin 8cm)
1.6 – 2.3 m	55-60 cm (margin 8cm)
2.3 – 2.8 m	55-65 cm (margin 8cm)
2.8 – 3.4 m	65-75 cm (margin 8cm)
3.4 – 3.9 m	70-80 cm (margin 8cm)

Step 1: Measure the width of the boat. Make sure this is the "maximum" width of your boat.

Step 2: Read the table and pick corresponding length pole A1.



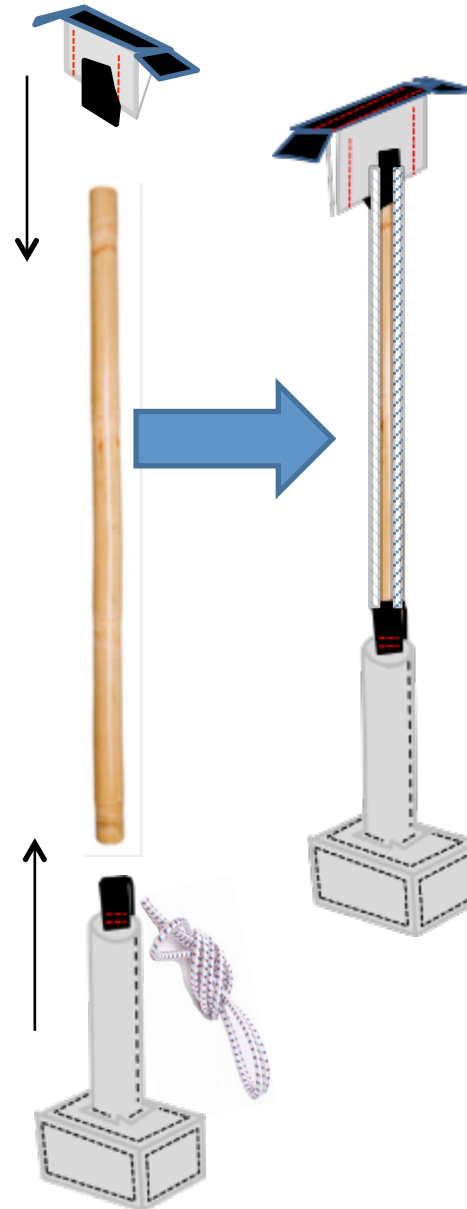
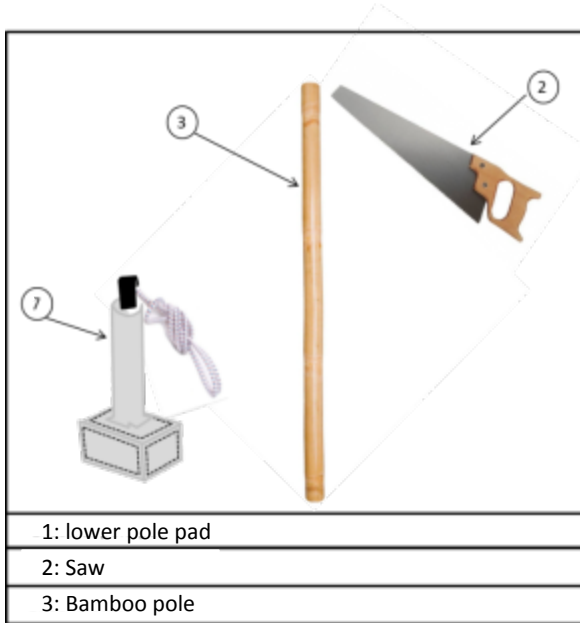
Note: Length A1 is the length from the edge cockpit.

Length A2 is the length measured from the deepest point in the boat where you want to place the stick

Step 3: Once length A2 is known, add size A1, and saw the front stick about this long.

Pole Height "back" = stick height A1 + A2. (It is not a issue to deviate from this size a little)

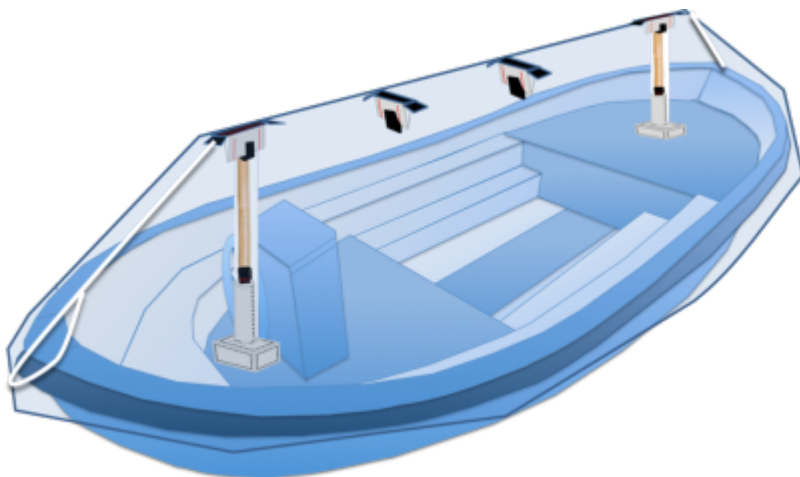
4. Place poles front and back and attach



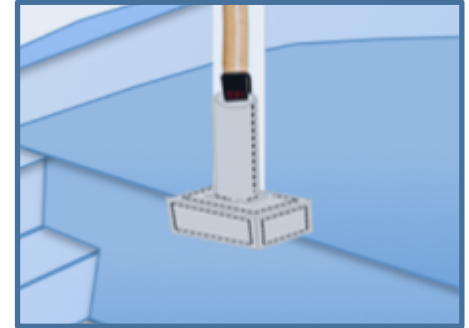
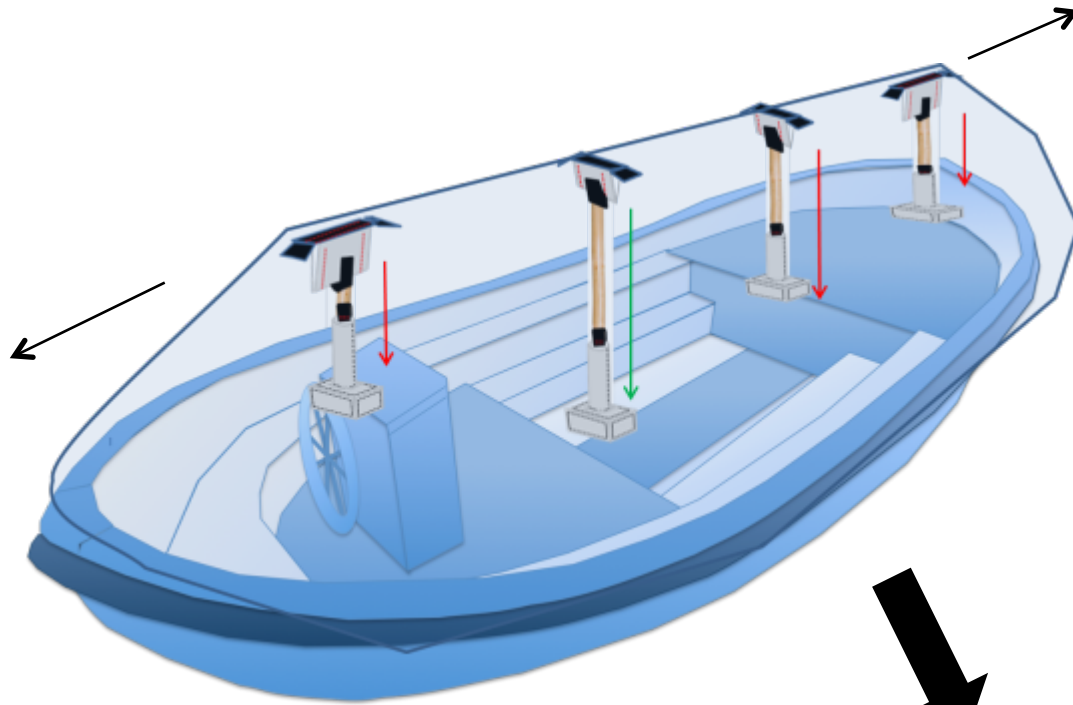
After making the front and back pole custom, you can go places the poles and attach them to the cover.

Step 1: Slide the custom-made stick in the lower pole pad and in the cover.

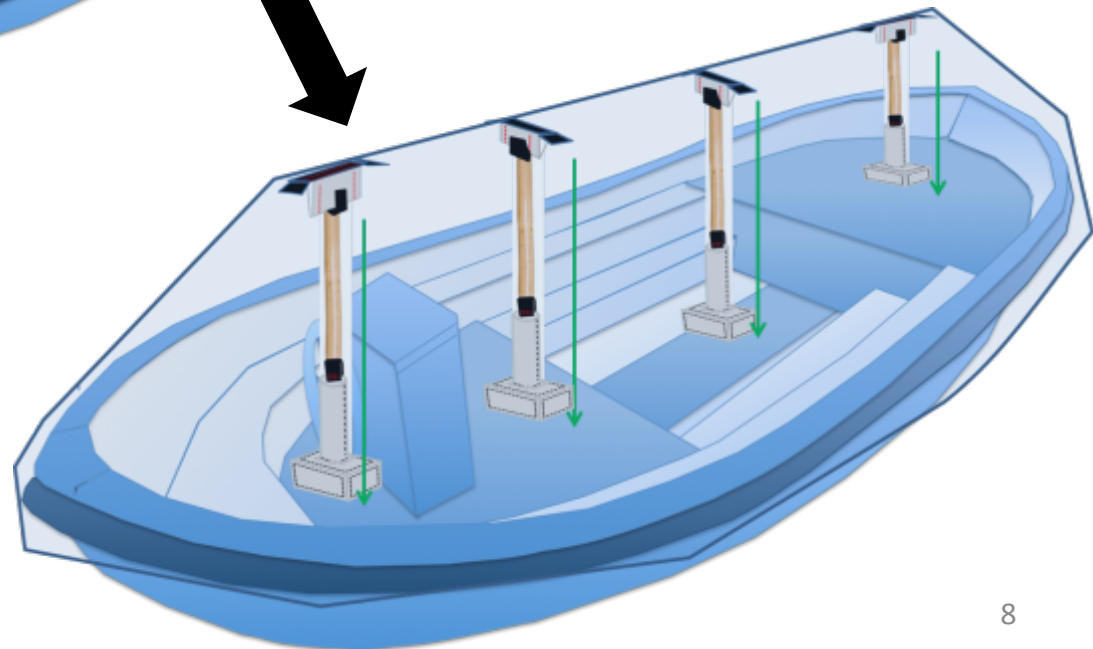
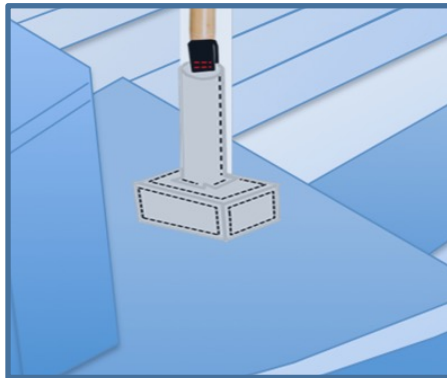
Step 2: Apply tension with the elastic cords by securing it with a minimum of 3 knots.



5. Lower pole-pads position

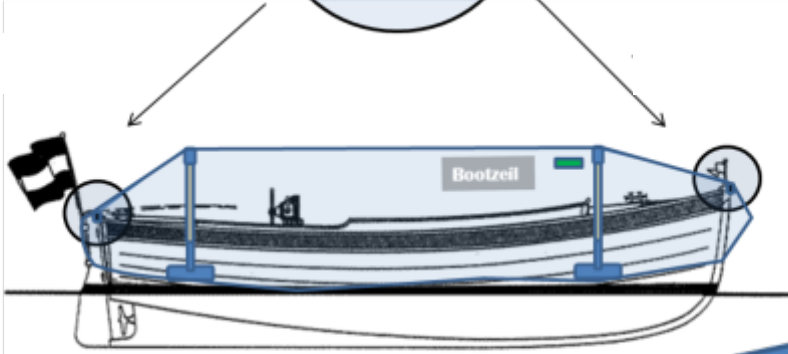
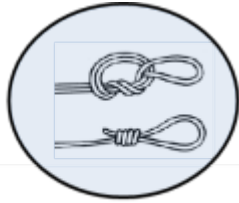


Make sure the lower pole pads are not on the edges. This may cause the stick to move.



6: Create length tension

Elastic

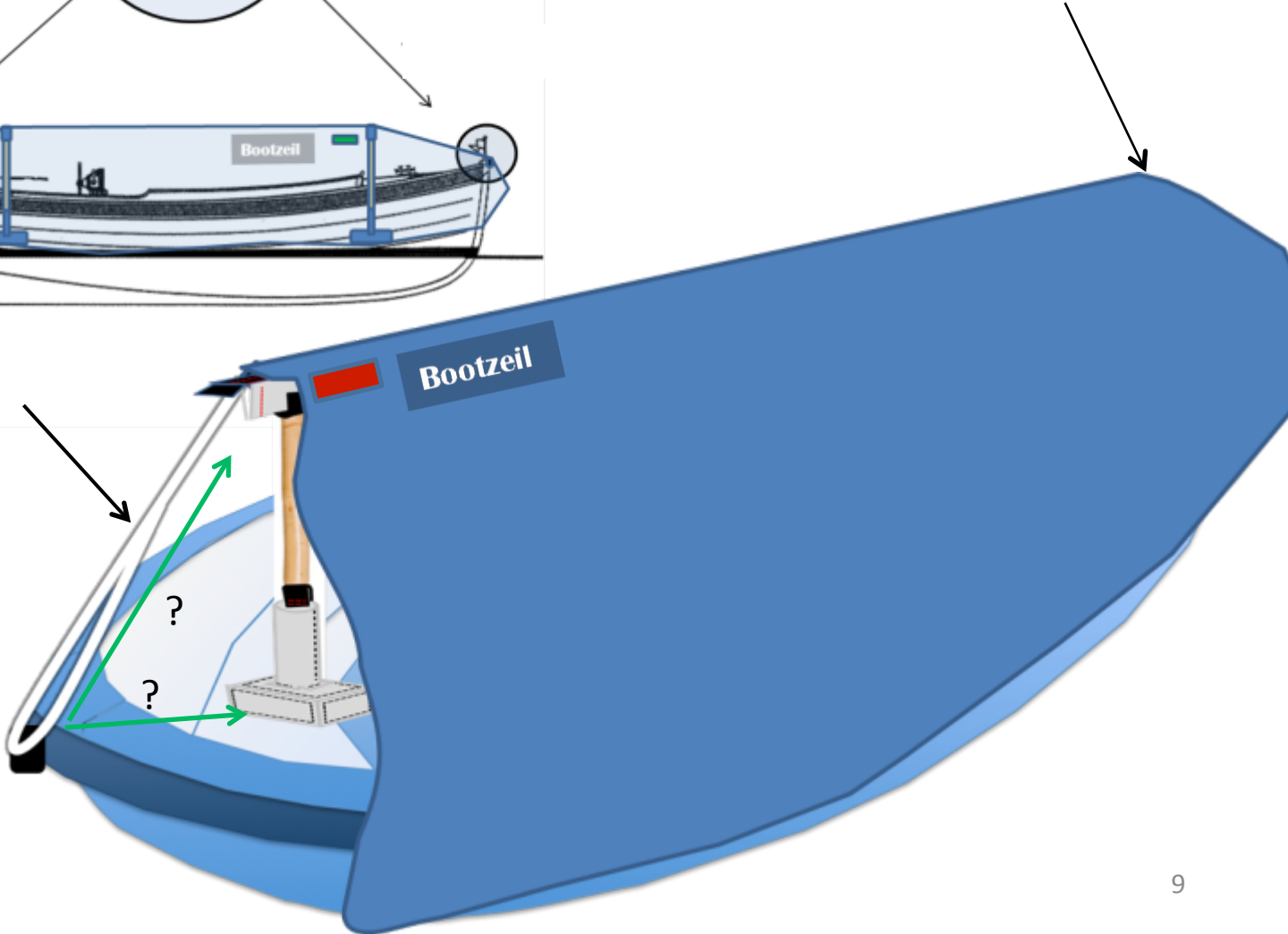


Step 2: Elastic (rear) \pm 135 cm length tension.

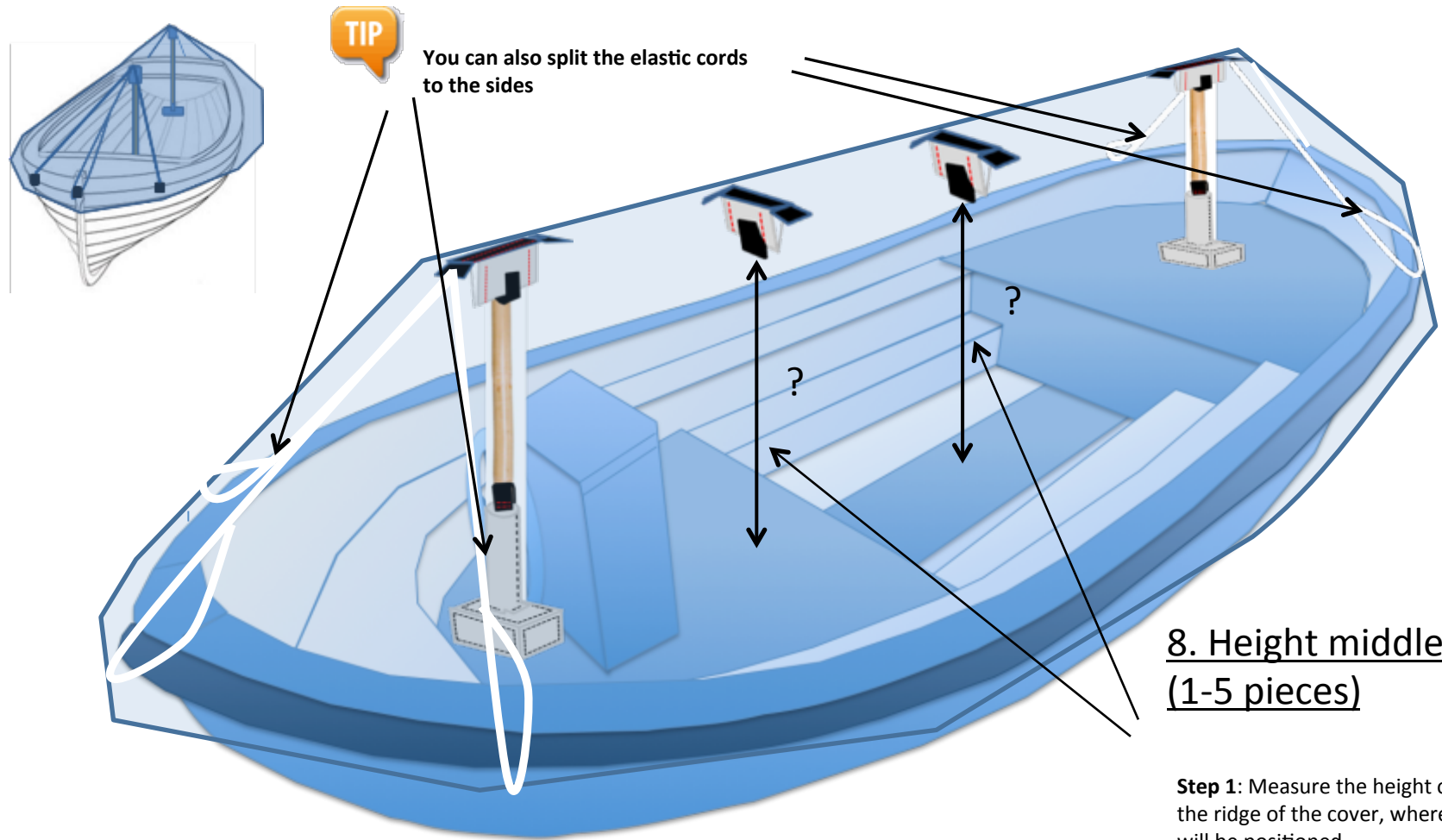
Step 1: Attach the "elastic" (front cover) to the boat by a loop on the moorings.



Make sure the poles come in the right places.



7. Tension to the side



TIP

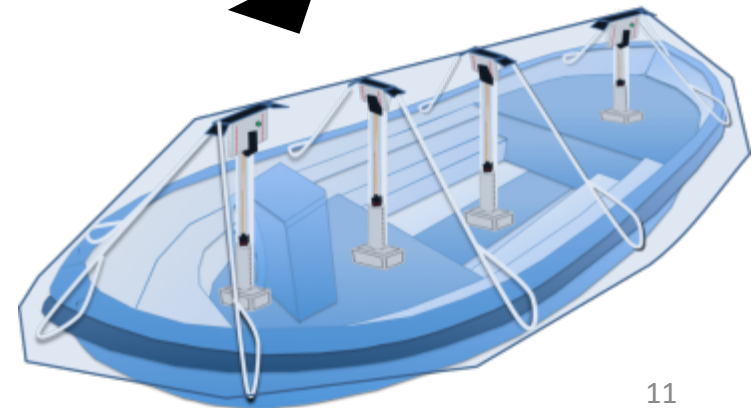
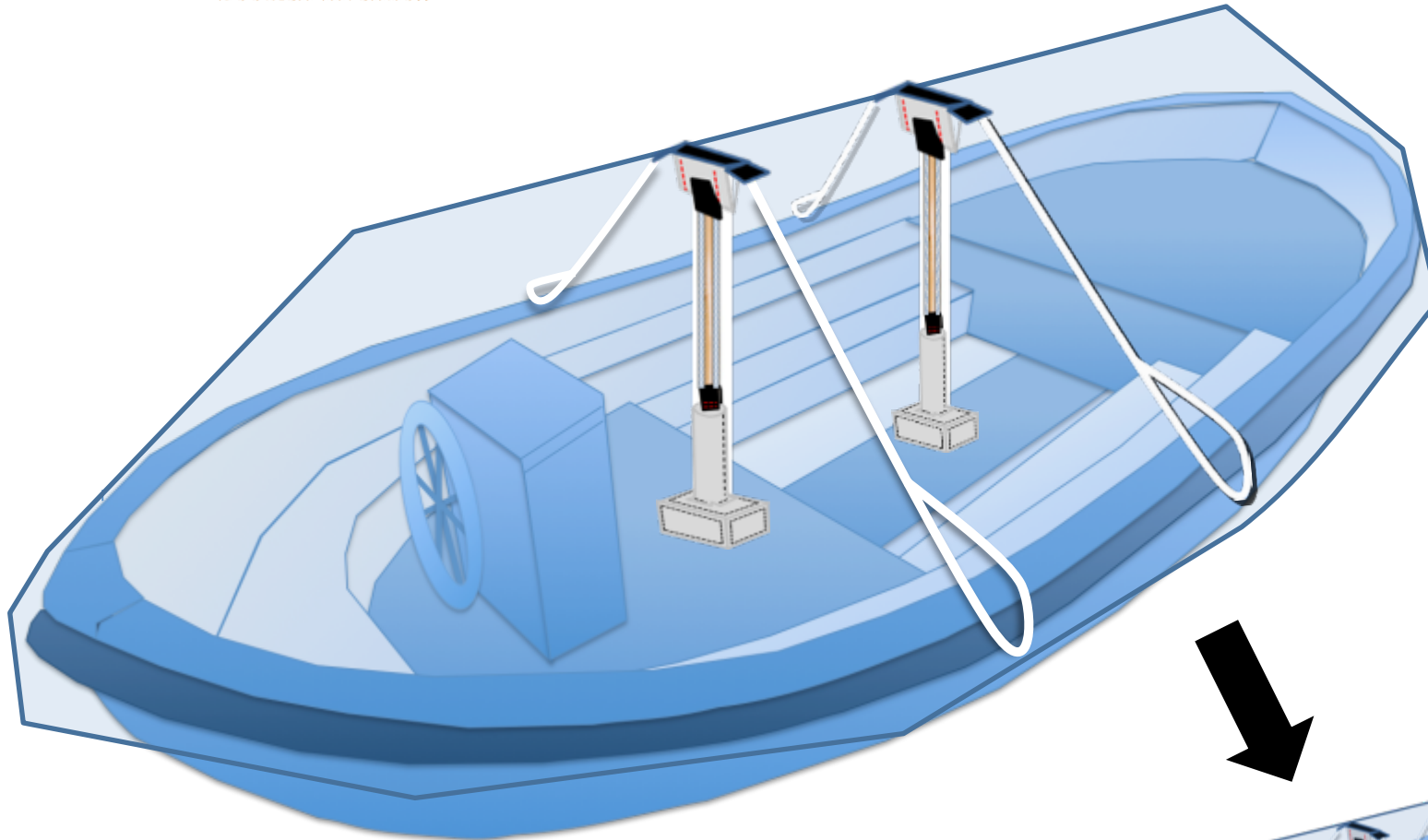
You can also split the elastic cords to the sides

8. Height middle poles (1-5 pieces)

Step 1: Measure the height of the floor up to the ridge of the cover, where the middle poles will be positioned.



Note: The length of the stick is the length without pads.

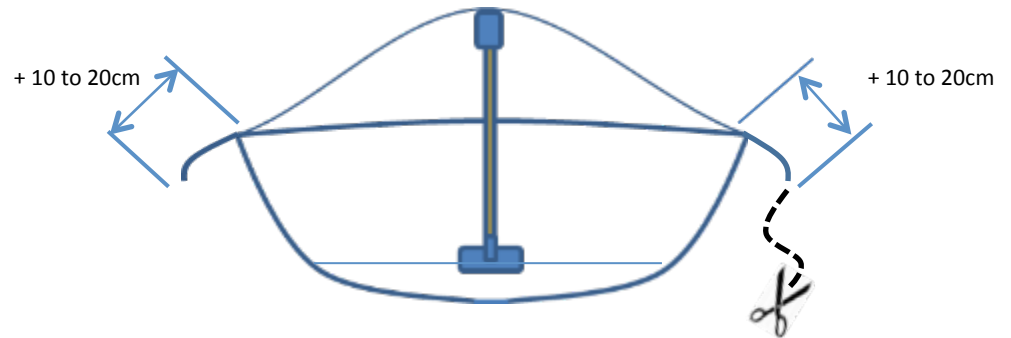
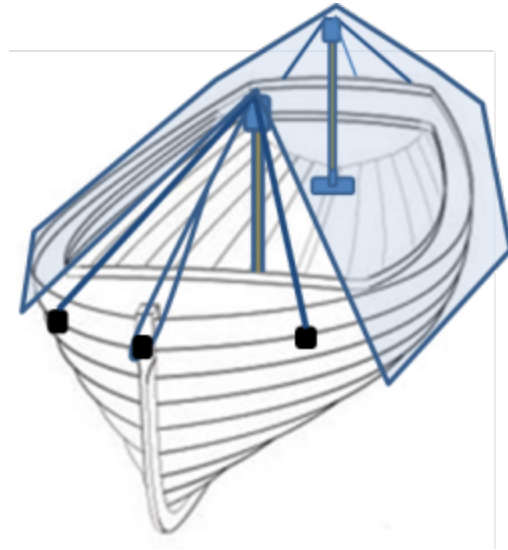


Place the center poles in the same manner as the front and back poles.



Side tensioners can be placed on the center poles only for boats longer than 7 meters. This is optional

9: Excess fabric / Skirt cut



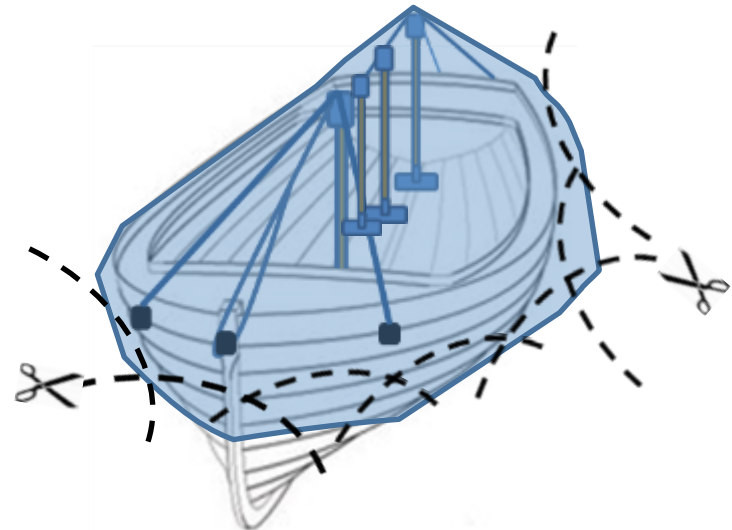
Step 1: Throw the fabric over edge of the boat. Start at the front or back of the boat and cut the excess fabric on the side of the boat.



Cut the cover not at once around! First cut off one meter a side than go to the next meter.



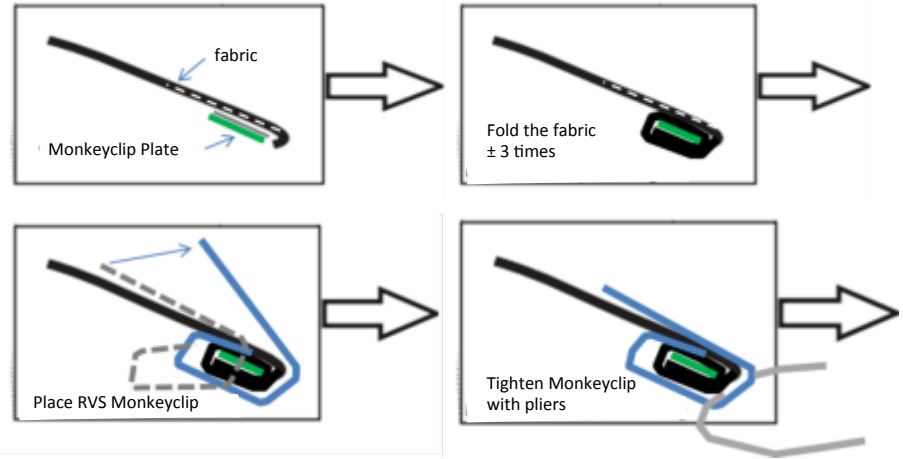
Ensure that the cloth is left 10 to 20 cm under the edge so that there remains sufficient cloth to apply the monkey clips in the next step



1



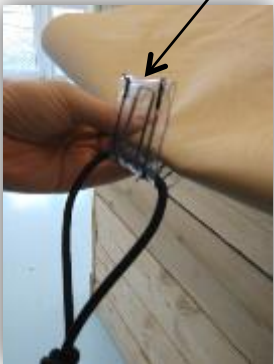
Monkeyclip plate



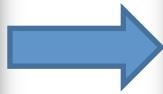
2



3



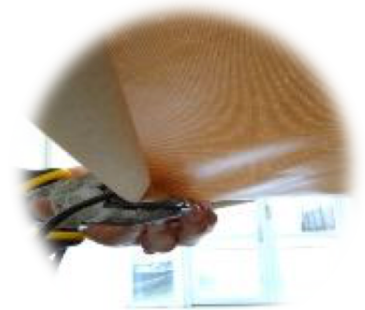
Tighten the Monkeyclip by hand



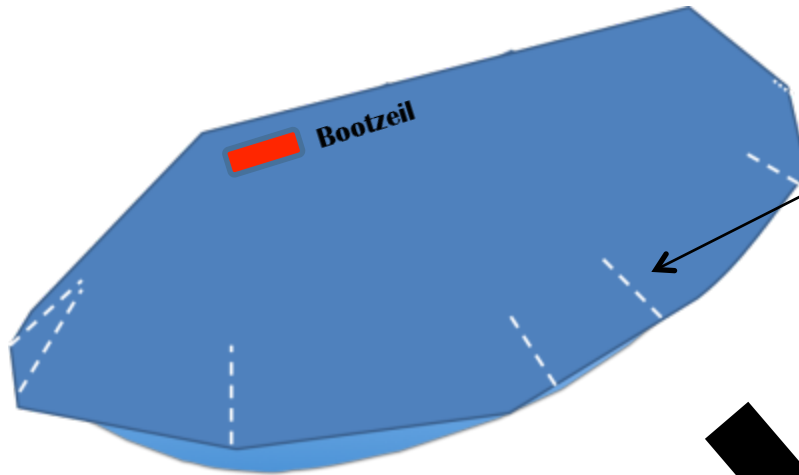
Than use the pliers left side



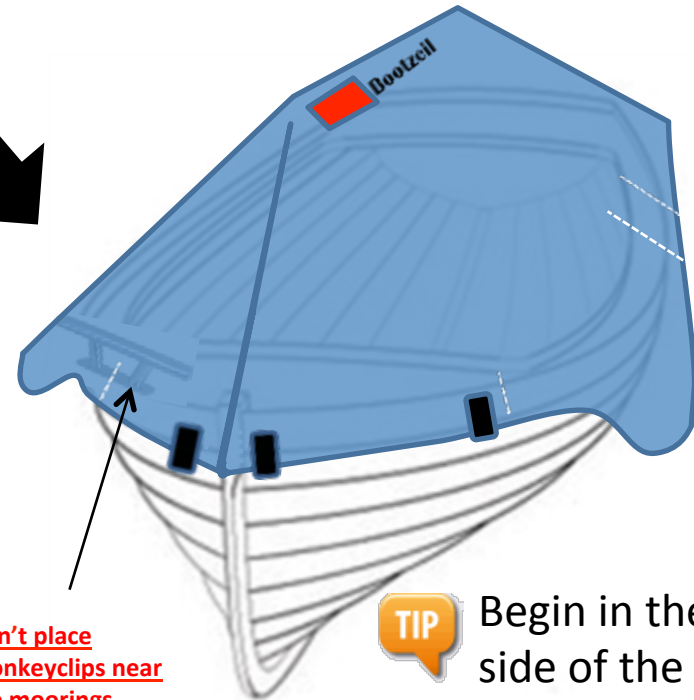
Than use the pliers right side



11: Role up the excess fabric and secure with the Monkey clips



Ref. (Reference) lines
You can put reference lines / stripes on the canvas / cover chalk ink or wax. In this way you can make sure both sides are of the same length and you can secure the monkey clips in the same position.



Step 1: Cut the excess fabric.

Step 2: Put the Monkeyclip plate on the spot where you want to mount the Monkey clip. Check the Monkeyclip instructions on previous page

Step 3: Roll up the fabric to the desired length.

TIP Start at the front and fasten 4 Monkey clips, then 4 " Monkey " clips on the back, then Work from left to the right side to center the cover.

TIP Make sure both sides are rolled up to the same length. Every monkeyclip should remove wrinkles.




Don't place Monkeyclips near the moorings

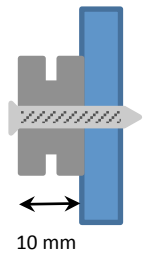


Begin in the front side of the boat than secure the rear side

Mount by screws:

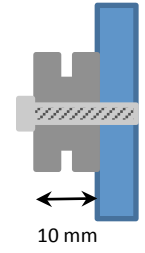
- First drill a hole
- Screw the button into the pre-drilled hole

 Note the position of the elastics on the Monkey clips, the buttons should be placed under the Monkey clips as precisely as possible.



Polyester /
Wood

Screw: Self-tapping stainless steel
Thickness: 4.8 mm
Length: 20-25 mm
hull thickness + 2mm margin
Drill: 4mm wood drill

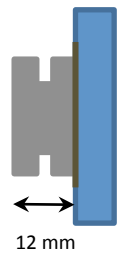


Iron / Steel

Screw: Self-tapping stainless steel
Thickness: 4,8 mm
Length: 15 -17 mm
hull thickness + 2mm margin
Drill: 4mm steel drill


Mount by glue:

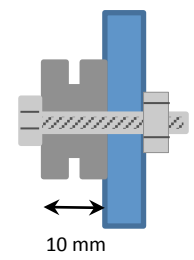
1. Degrease the surface well
2. Glue the cap with sufficient glue
3. Allow to dry at least 24 hours before pressure is put on the button



Glue

Benodigheden: cleaning cloth
strong Kit
degreasing spray

 Degrease well!
The glue has 24 hours to harden completely.

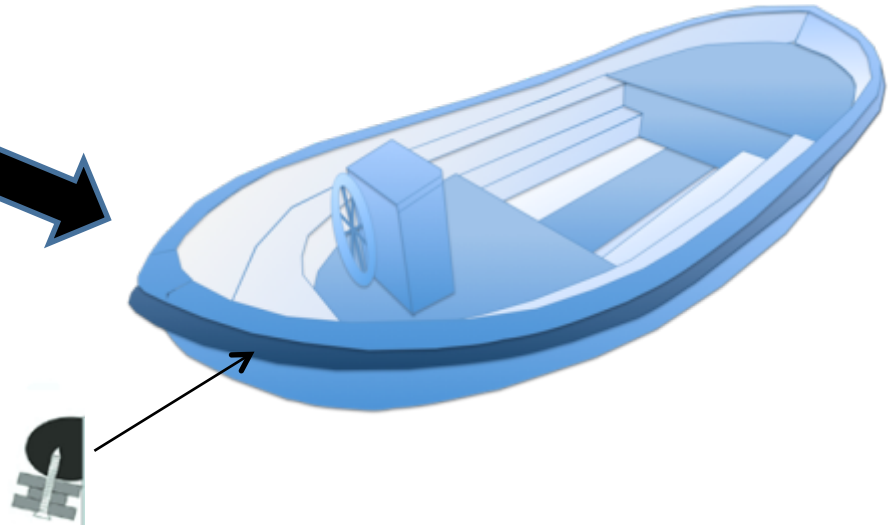


Aluminium

Screw: Self-tapping stainless steel
Thickness: 4,8 mm
Length: 18 -20 mm
hull thickness + 2mm margin
Drill: 4mm steel drill

Always place the fastening buttons at the bottom of the bumper or rope bumper for a good result.

When you don't have a bumper you can attach the buttons in the hull of the boat very carefully.



Note the position of the elastics on the Monkey clips, the buttons should be placed under the Monkey clips as precisely as possible.

mount the fastening buttons in the following way:

TIP

Screws:

- First drill a hole
- Screw the button into the pre-drilled hole

