



**ANKERPLEX<sup>®</sup>**

KEEPING THE POSITION

## ASSEMBLY AND USE INSTRUCTIONS

# ANKERPLEX<sup>®</sup> ANCHOR ASSEMBLY AND USE INSTRUCTIONS

Thank you for choosing an ANKERPLEX. This product has been designed and manufactured with the utmost care and will not disappoint your expectations.

Whether you are an experienced person in the manoeuvring and use of mooring equipment or you are a novice, you should pay attention to these instructions and become familiar with its assembly and use.

**If your ANKERPLEX is going to remain folded on board for occasional use, before stowing it you should familiarize yourself with the equipment and its assembly, and keep these instructions.**

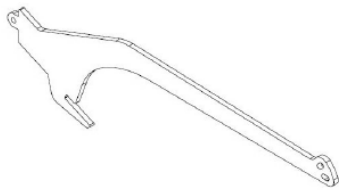
## MOUNTING THE ANKERPLEX<sup>®</sup> ANCHOR



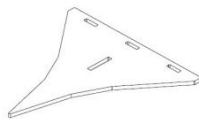
Choose a comfortable and safe place to mount the unit. If you do it on board your boat, look for a position that allows you to manipulate with both hands without danger.

Due to the fact that during its manufacture and for a correct fit between the components the product may present sharp angles, it is advisable to use gloves for safer handling.

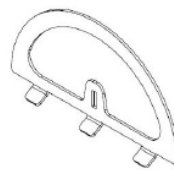
1 – First identify the pieces that make up the anchor:



1) Shank



2) Fluke

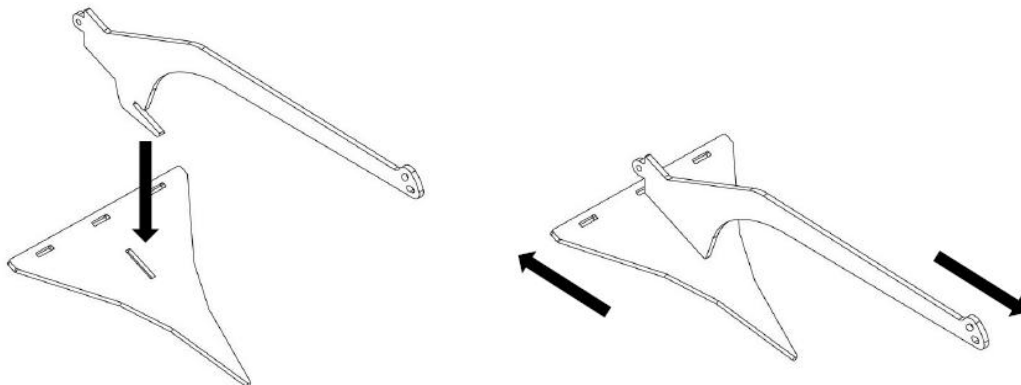


3) Roll Plate

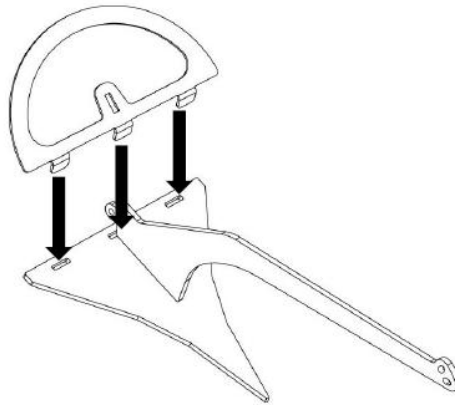


4) Fixing shackle

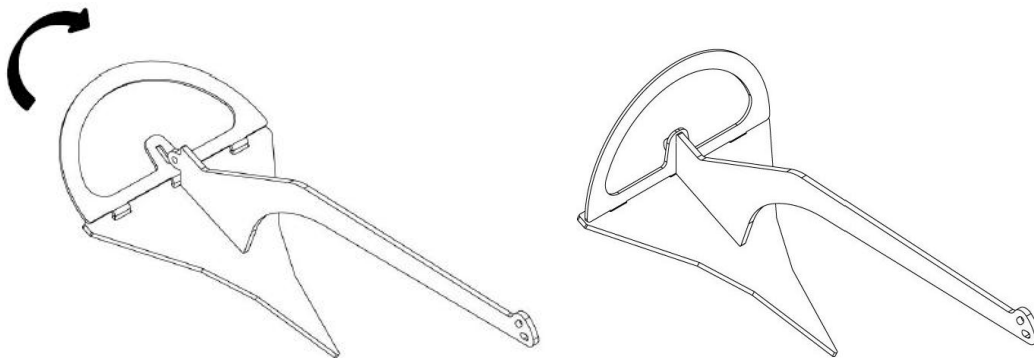
2 – Take hold of the shank (1), placing it near the fluke (2) and insert the hook-shaped protruding into the central rectangular hole of the fluke obtaining a position of both pieces as shown figure:



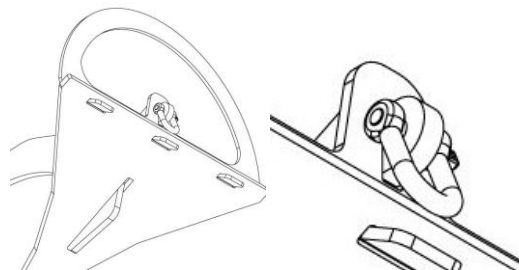
3 – Next, carry out the subsequent coupling of the roll plate (3) by inserting its flaps into the lateral rectangular holes located at the end and on both sides of the fluke (2).



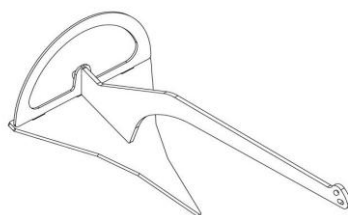
4 – Then insert the projection on the rear end of the shank (1) in the central rectangular hole of the roll plate (3).



5 – Finally, by placing the pin of the provided shackle (4) through the hole located in the projection of the rear end of the fluke (1), the assembly will be held in a stable and safe way for its use, its uncoupling not being possible without destroying the unit.



Check that your Ankerplex has been mounted as shown, then connect it to the mooring line using a quality shackle or other suitable procedure.



Note that the Ankerplex has two separate holes for mooring line connection. These two holes allow optimizing the angle of traction and therefore the angle of penetration of the unit into the seabed.

**It is advisable to use the lower hole in a generic way, being able to use the upper hole in soft sand or mud bottoms to slightly increase the angle of penetration of the Fluke (+4°).**



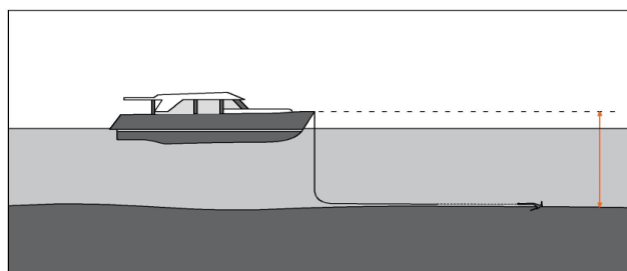
## FOR A PROPER USE OF YOUR ANKERPLEX®

You should also always consider these points of vital importance for a good anchorage and a good stay at anchor:

- Choose a suitable place with enough room, and easy access both for entry and exit (day and night).
- Choose sandy bottoms and avoid rock bottoms, vegetation or loose mud.
- Make sure you are sheltered from the wind and waves throughout your stay. Be aware of weather forecasts and tidal changes.
- Check that once the manoeuvre is completed, your boat does not interfere with other boats and does not approach dangerous areas. Take into account possible changes in wind direction and currents.

### To carry out a correct anchoring

- Go slowly to the chosen anchorage point in the direction against the prevailing wind or current.
- Drop the anchor and when it hits the bottom, go back downwind or current avoiding the chain being deposited on top of or in contact with your anchor.
- Continue backing up slowly while letting out the amount of chain/rope required based on the existing depth (at the point where the anchor is).
- After releasing the necessary amount of chain or rope, allow it to acquire tension and start working, pulling the anchor little by little so that it begins to position itself and can be inserted into the seabed.
- As the anchor penetrates the bottom you will notice that your boat comes to a complete stop in its backward stroke. At this point you will need to increase the traction by applying more force to ensure that the anchor is well set and the mooring is properly holding.
- Remember that **the length of the line for a correct anchoring with Ankerplex must be at least five (5) times the vertical distance between the exit point of the chain / line on your boat (bow roller) and the bottom (depth + height of the hawse or sheave x 5)**. You must increase this ratio (1:5) and even can double it (1:10) if the wind or current conditions so require. Also consider the effect of rising or ebb tide on the ratio between the length of the mooring line and the distance to the bottom.



- **If your anchor line is rope, have a portion of quality chain and adequate section below the anchor at least as long as the length of your boat.** Do not forget that for an effective work of the anchor this portion must always remain in contact and parallel to the seabed.

**Advice:** Use marks on your anchor line (for example every 5 meters) so that you can know at all times the amount of line released, or use an electronic meter.

Do not forget to take references, markings or use electronic means to check that your anchorage continues to be well established and there is no dragging.

## MAINTAINING YOUR ANKERPLEX®

If you use the Ankerplex as a main anchor you can keep it permanently installed in the bow roller of your boat. **Simply check periodically** that the fixing and joining shackles to the line are properly tightened and in good condition, as well as the chain and the rest of the anchoring line.

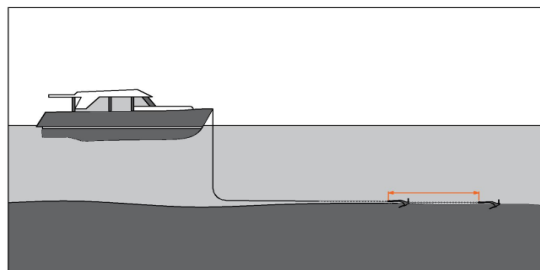
In aluminium models it is convenient to rinse the unit with fresh water after use. Remember that for systematic and frequent use of the Ankerplex as a main anchor it is preferable that you choose a stainless steel model instead of the aluminium model.

If you use the Ankerplex as an auxiliary anchor wash the unit with plenty of fresh water and dry before bagging and stowing. In aluminium models it is preferable to stow it in a dry place.

## SPECIAL APPLICATIONS OF YOUR ANKERPLEX®

In addition to being used as a main anchor, the ANKERPLEX anchor is ideal to support your mooring in special conditions, either to reinforce your main anchor in severe wind conditions, or to limit the swinging space of your boat:

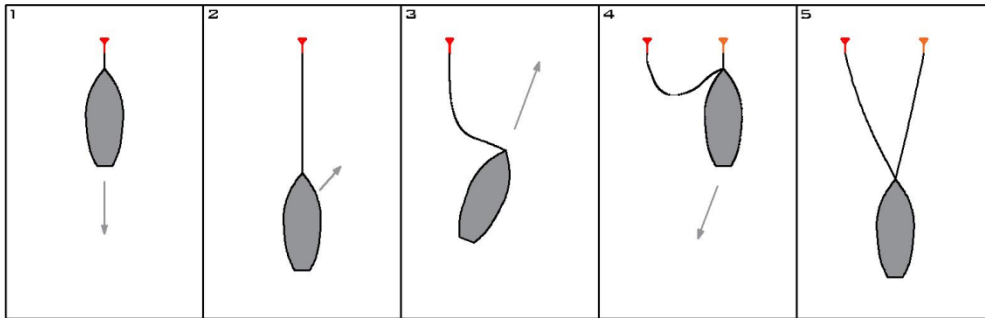
**Two anchors in tandem:** You can reinforce your anchorage by adding a second anchor on the same line and after your main anchor. To do this, you must prepare your Ankerplex with a length of chain of **at least 5 meters** and hook it to a suitable point on the rear end of your main anchor. Note that this end point must not interfere with the burial capacity of the unit. In the case of an Ankerplex, this fixing point is the shackle indicated in number 4 of the diagram. If the anchor point at the end of the main anchor is in an elevated position, it will be preferable to connect the line of your second anchor to the chain of the main anchor, by means of a shackle, approximately one meter in front of it, so as not to reduce its ability to penetrate and hold in the seabed.



Remember that the line length ratio (1:5) should be counted from the front (main) anchor and not from the second anchor.

**Two anchors off the bow:** You can also reinforce your mooring and at the same time limit your swing space by adding a second anchor “off the bow”. To do this, being correctly anchored with your main anchor (1), you must advance to the height where it is, but in a deviated trajectory between 30° and 60° towards one of the sides (port or starboard) (2-3) and deploy your ANKERPLEX there (4). Then proceed to anchor in the same way as you would with the main anchor (5), but being extremely careful not to hook the line in the propeller of your boat.

It is also possible to reach the appropriate point to deploy the second anchor by using your tender (an aluminium Ankerplex facilitates this work).



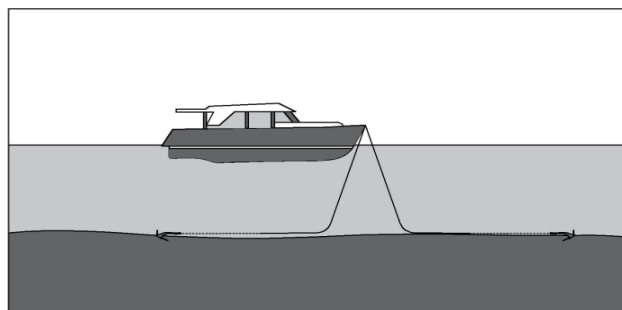
In any case, make sure that the bottom in the place is suitable for a perfect grip and always maintain the recommended line ratio on both anchors (minimum 1:5).

To collect your mooring, proceed in the normal way, first removing the secondary anchor and raising the main anchor once the secondary has been collected and pulled out.

It is possible that due to swinging and changes in wind or tide the lines of both anchors have been crossed once or several times. In this case proceed first of all to eliminate the laps. The use of the second line of textile rope instead of the chain makes it easier to remove them by turning in the opposite direction with all the remaining rope well attached.

**Anchoring by bow and stern (Bahamian moor).** This technique allows you to remain anchored in narrow areas and channels of restricted width. To do this, you must initially anchor your main anchor in the usual way and after that, go back along the channel, simultaneously releasing enough anchor line to double the necessary ratio for the existing depth (>1:10). At this point, drop your Ankerplex in it, then collect the line of the main anchor to set this second anchor, and place the boat at an intermediate point between the two.

After making sure that both anchors hold correctly, bring the stern anchor line to the anchor roller in the bow, to allow the boat to point freely to the prevailing current or wind.



It is recommended that you learn and become familiar with these techniques by practicing them in safe places and in good weather. In the case of having the need to apply them in difficult situations, this will provide greater security and a great advantage.

**Relevant information about your Ankerplex:**

Due to product philosophy, the Ankerplex anchor is manufactured with a simple finish that requires the minimum of manipulation. This implies that in its final aesthetics and finish, lack of uniformity or small surface scratches can be appreciated that in no way compromise integrity or safety and that fall within the concept and specification of the equipment.

**NOTES:**

MODEL: \_\_\_\_\_

SERIAL NUMBER: \_\_\_\_\_

ACQUISITION DATE: \_\_\_\_\_

**Please keep this manual in a safe place for future reference.**

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[www.ankerplex.eu](http://www.ankerplex.eu)