



Boyut Makina San. ve Tic. Ltd. Şti.
DBA ULTRA Products

Ömerli Mah. Arpaçay Sok. No:4 34555 Arnavutköy / İstanbul / TÜRKİYE, Tel.: +90(212) 482 41 61, E-mail: info@ultraproducts.tr

ABS Type Approved



ULTRAProducts
Anchoring Equipment



www.ultraproducts.tr

ULTRA Anchor
USER GUIDE



Congratulations on your purchase of the ULTRA Anchor.

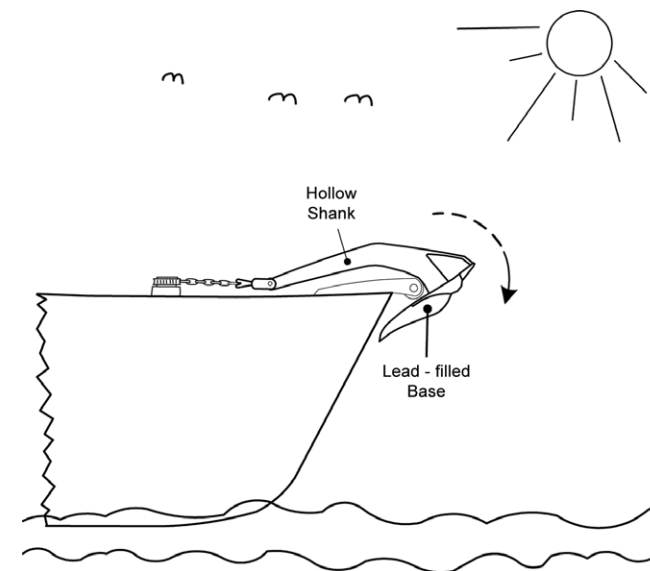
The ULTRA Anchor represents the result of years of design refinement, prototype development, and extensive testing.

Across the world, countless satisfied boat owners have trusted the ULTRA Anchor in diverse seabed conditions and even in severe weather, proving its outstanding quality, reliability, and strength.

The ULTRA Anchor is operated like any conventional anchor. Its unique design features are explained in the FAQ section.

ULTRA Anchor User Guide - 1

ULTRA Anchor User Guide - 2



ANCHOR DEPLOYMENT (DROPPING ANCHOR)

- Decide where to anchor.
- Open the main windlass switch.
- Let the anchor hang from the bow roller, either opening the gypsy or operating the windlass with the motor. Preparing the anchor this way before deployment will prevent the anchor from hitching on the bow roller, allowing the chain to run smoothly and saving you time and unnecessary mistakes.
- Look at all the suitable places for your vessel's length and draft. Do you have adequate protection from the wind and swells? Is there enough depth during high and lower water? Check the charts for underwater dangers. Are there other boats in the anchorage? If so, visualize how they will swing during shifts in the wind and changing tides.



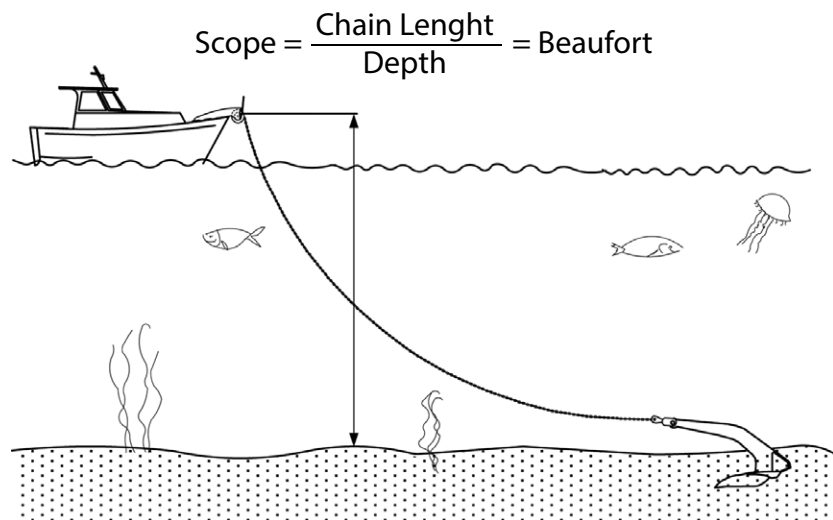
- Approach your desired location and head up into the wind and current until the boat's forward motion has stopped.

- When your boat's speed is zero, open the gypsy and allow the anchor to drop the sea bed (control the speed of the chain being deployed by loosening or tightening the gyps). Allow the boat to drift back on the wind and current or slowly reverse back on the engine, laying the correct amount of chain as you go.

- Always check your charts and instruments for the correct depth. Allow a scope of 4 or 5 times more chain than the total distance from the bow roller to the bottom of the seabed. Close the gypsy when you're happy you have the correct amount of the chain deployed, ensuring the chain won't run out.

- Keep your eye on the anchor chain, checking it goes tight, causing the bow to swing or go up and down. If you don't notice this movement, increase the reverse engine's power, ensuring the chain is stretched, and the anchor is firmly set.

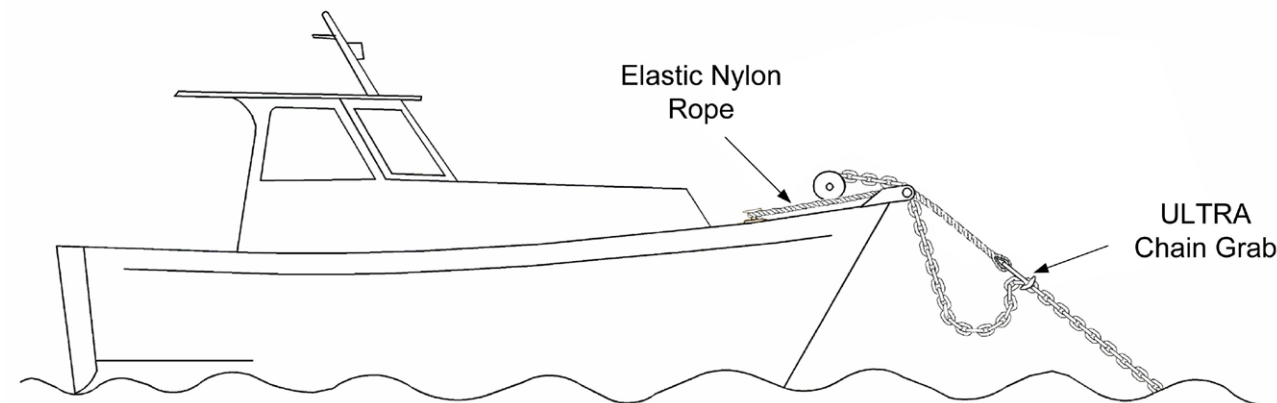
- Always make a transit with two points on the shore to check you're not dragging.



- If you notice you're getting too close after the anchor digs in for comfort to other boats or hazards, you can pull the chain in to increase your distance. This will decrease your scope; the remaining scope should never be less than three times the depth (total depth from the bow roller to the sea bed).

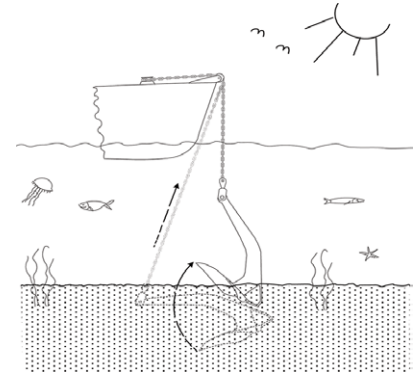
- If you plan on staying at anchor for the night or the wind increases, you must increase the scope proportionally by letting out more chains. You should always confirm you will remain far enough away from other boats or hazards with any increased scope. A scope of 10 to 1 may be appropriate with higher winds or waves. The scope should at least be equal to the wind's Beaufort; always remember that more scope is better. (This, of course, will increase your swinging distance.)

- If you are planning on staying at anchor for long periods or the wind and waves increase, it's advised to snub the chain with a chain grab.





RECOVERY:



-Start the engine and operate the windlass, don't use the windlass motor to pull the weight of the boat towards the anchor; Instead, move the boat slowly forward along the chain using slow movements on the throttle, and at the same time, operate the windlass to recover the chain.

-When the bow is above the anchor, the chain will tighten for a short time pivoting the ULTRA Anchor on the pivot plate, helping dislodge the anchor from the seabed. Recover the remaining chain and dock the anchor correctly on the bow roller.

-Always lock the chain to help prevent accidental anchor deployment while underway.

POLLUTIONS:

-Stainless Steel: While your ULTRA Anchor is used, it can contact foreign metals on the sea floor. This can leave some microscopic particles on your ULTRA Anchor. These particles may then leave rust marks; in some cases, it might appear like the whole anchor is rusted. This is very rare but not impossible. In both cases, rust is only at the surface and doesn't cause any security problems. It can be cleaned with any stainless steel polisher.

-Becoming colorful: While it is in use, the anchor can get in touch with some mineral sand mixtures. If we stay on the anchor for a long time in such a place, stainless steel can react with it, and it can become colorful. This is also only a surface problem; it doesn't cause any security problems, and any stainless steel polisher can clean it. Another similar fouling on the anchor can occur on sea bottoms polluted with diesel fuel. It can easily be cleaned with detergent.

-Surface looking as covered with whitewash: When the anchor is used with galvanized chain, minerals in seawater can settle on the stainless steel surface and look whitewashed. Any acidic liquid such as lemon water, vinegar, or sink opener can easily clean it.

FREQUENTLY ASKED QUESTIONS

1. Will a slightly heavier ULTRA Anchor put any unnecessary force on the windlass?

Your windlass pulling power is calculated according to the "anchor weight plus the chain weight." The anchor weight is only 10 to 15% of the total, so it won't unnecessarily force the windlass.

2. Will the windlass have any difficulties recovering the ULTRA Anchor from the seabed?

Under normal conditions, the ULTRA Anchor will dig deeper than most anchors. In fact, the curved tip makes it easier to recover when pulled from the opposite direction, helping release the anchor. You should not experience any problems recovering it.

However, when other anchors drag or completely break out under extreme conditions, the ULTRA digs even deeper and keeps holding firm. Under these extreme conditions, you could experience problems with the windlass struggling to release the anchor. In this case, we recommend you position the bow over the anchor and allow the swells to work the anchor loose, enabling you to use the windlass more efficiently for a trouble-free recovery.

3. Is the chain weight important to get the ULTRA Anchor to hold?

The ULTRA Anchor has a clever patented tip allowing it to dig deep and hold firmly when pulled; thus the chain weight is not the most crucial factor as it would be for other anchors. Even with an all rope rode, the ULTRA Anchor works just as well.



4. Would it be suitable to use a regular connector for the ULTRA Anchor?

Generally speaking, when an anchor is subjected to great force, they drag. Therefore, they do not test the connectors to their total limit.

However, due to the incredible holding power of the ULTRA Anchor, you will need to use a connector with a breaking strength no less than that of the connected chain. Therefore, we recommend using the ULTRA FLIP SWIVEL, which has been tested and proved to have higher breaking strength than the chain.



ULTRA FLIP SWIVEL

5. How do we recover the anchor if it is hooked the rocks?

All anchors are types of hooks; if you anchor in rocks, you risk getting stuck and unable to recover them. The ULTRA Anchor's unique tip form makes a recovery easy for any anchor rock but can be difficult. For those reasons, it's advised to try and avoid anchoring in rocks.

However, if you have to, you can take some simple precautions. First, you need to attach a tripping line to the bar on the back of the ULTRA Anchor, with a length of the line longer than the depth with a floating buoy tied to the end. This makes it possible to trip the anchor by pulling the trip line away from the tip to free the anchor.

If your anchor on a rocky sea bottom without taking any of the necessary precautions and have trouble recovering your anchor, there is no perfect solution other than diving and recovering your anchor. However, if you are not in a position to dive, the ULTRA Anchor Ring might still give you a chance on recovering your anchor. Thanks to ULTRA Anchor Ring's eccentric design, it is easily reaches down to your anchor by sliding on your anchor chain and gives you a chance to recover your anchor by pulling it from the opposite direction. If your anchor-chain is jammed around the rocks together with your anchor, you should first send your ring down and rescue your chain by watching its position and moving the ring to the right direction.



ULTRA ANCHOR RING

6. Does the ULTRA Anchor hold in weeds?

The ULTRA Anchor holds well in common weeds, around 50 - 60 cm high. However, on occasions, you might come across weeds up to 2 meters tall, appearing like corn fields; for an anchor to hold in such a place, it must first flatten the weeds with its weight and penetrate the roots when pulled, after looking into this common problem we discovered that anchors including (Admiralty Anchors) lighter than 45 - 50 kg do not cope well in this type of environment.



ULTRA Anchors heavier than 45 kg cope well among these weeds; however, a good hold might not happen with your first attempt to penetrate the weeds. If you plan to anchor in this ground for extended periods, please be aware that your anchor could work itself loose.

Always check the suitability of the ground type before choosing a safe anchorage.

7.How do we anchor on pitched sea beds?

If the slope is more than 10° - 15° and the wind comes from the opposite direction, your anchor's holding capacity decreases. You can see whether the seabed is pitched by looking at the contour lines on the chart or the hillside on the shore.

We recommend mooring with the stern if you intend to anchor next to a steep hillside. In this case, the slope will increase the holding capacity of the anchor.



ULTRALINE FLAT ROPE REEL

The best solution for mooring with your stern is by using the ULTRALINE Flat Rope Reel system.

8.What happens if the wind and tide changes direction while at anchor?

Unlike other anchors, the ULTRA Anchor keeps holding firm even after 180-degree shifts in both wind and tide. This is one of the excellent characteristics of the ULTRA Anchor; you won't need to re-set the anchor in changing conditions. However, you will need to pay attention to other vessels drifting.

9.Do we need to use an anchor chain weight to help increase the performance of the ULTRA Anchor?

You won't need to use a chain weight for the ULTRA Anchor.

10.Do we need to use a second anchor at the same time with the ULTRA Anchor?

If you are using the recommended size ULTRA Anchor and the correct scope, the ULTRA Anchor will hold you comfortably in all weather conditions. However, there should always be a spare anchor aboard for emergencies; for example, a second anchor could be used as a stern anchor.

If using a second bow anchor as a "V" or tandem, you could get into difficulties with shifting wind and tidal conditions; other anchors might need this type of anchoring. A single ULTRA Anchor offers enough holding power.

11.Do we need to stop the chain?

If you plan on staying for long periods at anchor, it's recommended you snub the chain in case the weather turns bad or you feel the conditions are already bad enough to save the boat's gear from the jarring effects of the wind and increased wave height.

The benefits of snubbing your anchor chain :

- It prevents the gypsy from becoming loose.
- It safeguards the windlass from the destructive forces of a loaded chain.
- It eliminates the noise caused by the bow riding on the anchor chain.



ULTRA CHAIN GRAB



12. Will the ULTRA Anchor align itself onto the bow roller upside down?

The ULTRA Anchor or any other anchor can be returned to the bow roller the wrong way up. However, due to the clever design of the ULTRA Anchor with its unique self-aligning characteristics, it will always align itself correctly onto the bow roller.

If you find the ULTRA Anchor is upside down when trying to recover it, there could be other causes, for example ;

- a) A narrow canal on some bow rollers could prevent the ULTRA Anchors' self-righting design from flipping itself into the correct position for a trouble-free.
- b) The windlass retrieves the chain too fast, preventing the anchor from turning itself in time.
- c) A chain canal on the roller could also contribute to the problem.

Trying to identify the possible cause will help resolve the problem.

If the above suggestions don't help, you will need to stop the windlass for a couple of seconds when the anchor shank is just touching the bow roller; this allows time for the anchor to turn itself into the correct position before docking. If it doesn't work the first time, drop the anchor until the end of the shank is free of the bow roller and retrieve it again.



ULTRA BOW ROLLER

13. Do we need a retaining hoop on the bow roller?

A retaining hoop on the bow roller helps safely secure your anchor onto the bow roller by controlling the twist and preventing the chain and anchor from jumping in rough conditions. The retaining hoop is an important safety feature on the ULTRA Bow Roller.



ULTRA BOW ROLLER CAR

We recommend you fit this hoop on if your bow roller doesn't have one fitted standard.

14. What can you do if anchor hooks over another chain?

The best way to get out of that tangle is to use "ULTRA Trip Hook".

Getting your trip hook ready using the correct lines and technique would be best.



ULTRA TRIP HOOK

15. What can you do if you experience problems with the chain not collapsing when recovering your anchor, resulting in the windlass failing or not working properly?

You will need to find a solution to aid better chain collapse allowing the windlass to work more efficiently. The permanent solution for this problem is to use stainless steel chains.

When choosing stainless steel chain, quality is the most crucial factor. AISI 316L is preferred over 316; if you don't select "L" over

16. Warranty

You can reach our recent warranty terms from this link <https://ultraproducts.tr/en/warranty-terms>