

# ANCHOR IN BOW PLATFORM

## Anchors aweigh!

Anchoring is almost like a religion and what you choose is mostly driven by the forces affecting the boat and what grip you can achieve in the seabed where you plan or need to anchor. Wind, waves, current, tide, seabed, boat type and size are some of the key variables.

We will not decide what anchor you should have even though we know a bit about it, but we know a lot of how to carry anchors in a bow platform and will hopefully guide you to the best solution for you and your boat.



## GUIDE | STEP-BY-STEP

- 1 Understand your anchor type**

Anchors with a straight and heavy shank close to a 90 degree neck angle, typically BRUCE and CQR-anchors and its derivatives, are normally not self-launching and are therefore best off with a pivoting anchor roller for an easier launch and retrieval.

Anchor types with an angled or rounded profiled shank like DELTA, VULCAN, SPADE, EPSILON, ULTRA-MARINE, ROCNA, MANTUS etc. to mention a few are made to set quickly and therefore self-launching.

Anchors with roll bars (like ROCNA, MANTUS and BÜGEL) fits well if positioned far forward in our PERFORMANCE and ULTIMATE models where the roll bar lands ahead of the bowsprit. These modern anchors are also self-launching and in no need of a pivoting anchor roller.
- 2 Understand the relation between the bow and the bow platform**

Normally, a standard bow roller is integrated in the hull and not easy to remove. It makes therefore sense to keep it in combination with the new bowsprit. Due to the high number of bow designs, anchors and sizes, Båtsystem has a smart solution for most combinations (see illustrations on the next page)
- 3 With or without a ladder in the bow**

When mooring bow-to, a fixed bow ladder facilitates boarding from the bow, as typically seen in Scandinavia. This ladder must not get in conflict with your anchor and needs to be considered. Ask Båtsystem for a solution!



# DELTA type anchor in sailing position

It is important to find a good stowage position for the anchor in the bowsprit where it can be fixed and remain stable during sailing. Maybe your boat already has an existing fixed bow roller in the front? In that case you may keep it using it together with the roller on the bowsprit to jointly support your anchor. As seen, the anchor is then stored with a slightly larger release angle.

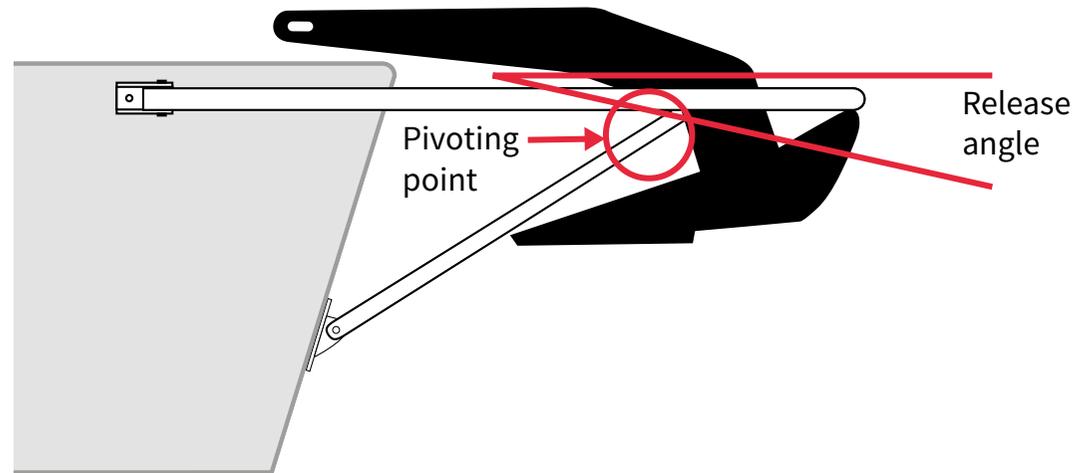
Example of a plough anchor type, normally not that sensitive to different bowsprit installations.

Guide - use bow roller PB11.  
Works well in most cases.

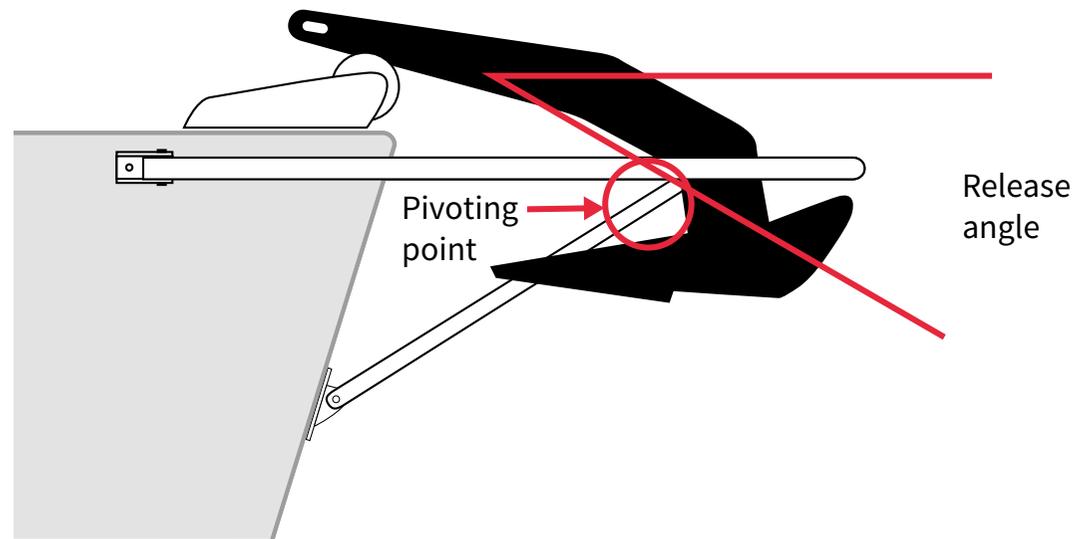


## GUIDE

### Without fixed bow roller



### With fixed bow roller



# ROCNA type anchor in sailing position

It is important to find a good stowage position for the anchor in the bowsprit where it can be fixed and remain stable during sailing. Maybe your boat already has an existing fixed bow roller in the front? In that case you may keep it using it together with the roller on the bowsprit to jointly support your anchor. As seen, the anchor is then stored with a slightly larger release angle.

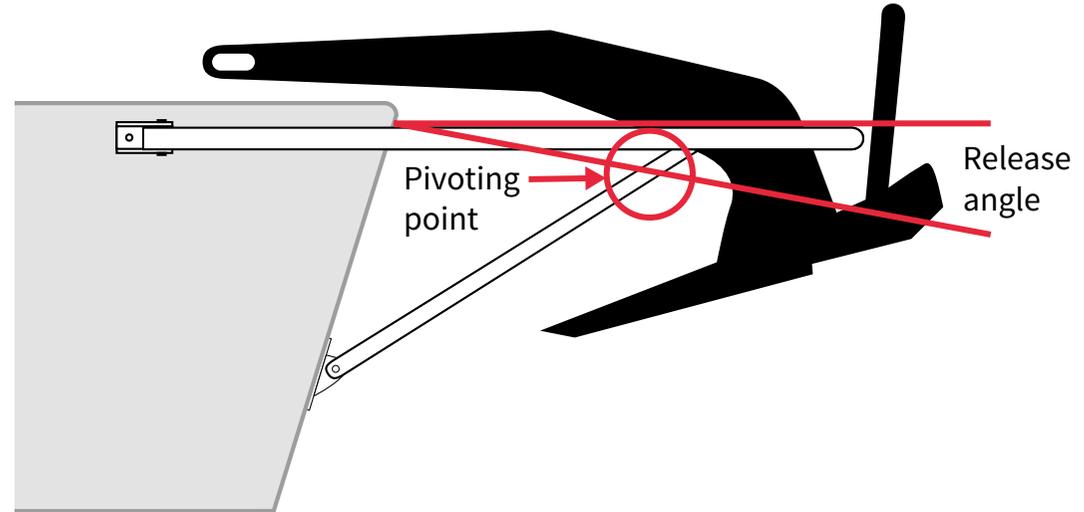
Example of a ROCNA anchor, normally not that sensitive to different bowsprit installations but needs to be positioned far forward in the bowsprit and is a bit problematic to combine with a bow ladder

Guide - use bow roller PB11.  
Works well in most cases.

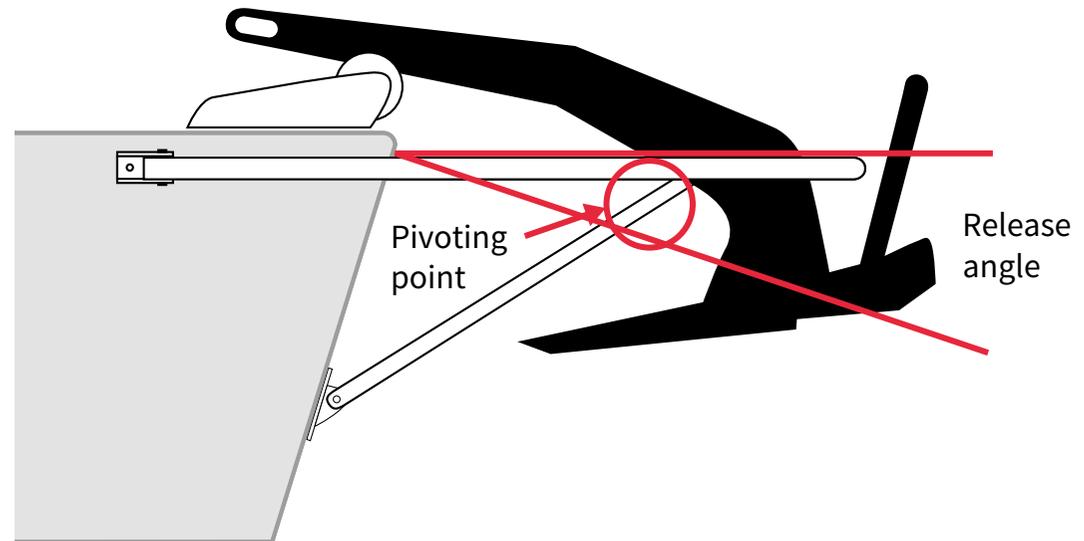


## GUIDE

### Without fixed bow roller



### With fixed bow roller



# VULCAN type anchor in sailing position

It is important to find a good stowage position for the anchor in the bowsprit where it can be fixed and remain stable during sailing. Maybe your boat already has an existing fixed bow roller in the front? In that case you may keep it using it together with the roller on the bowsprit to jointly support your anchor. As seen, the anchor is then stored with a slightly larger release angle.

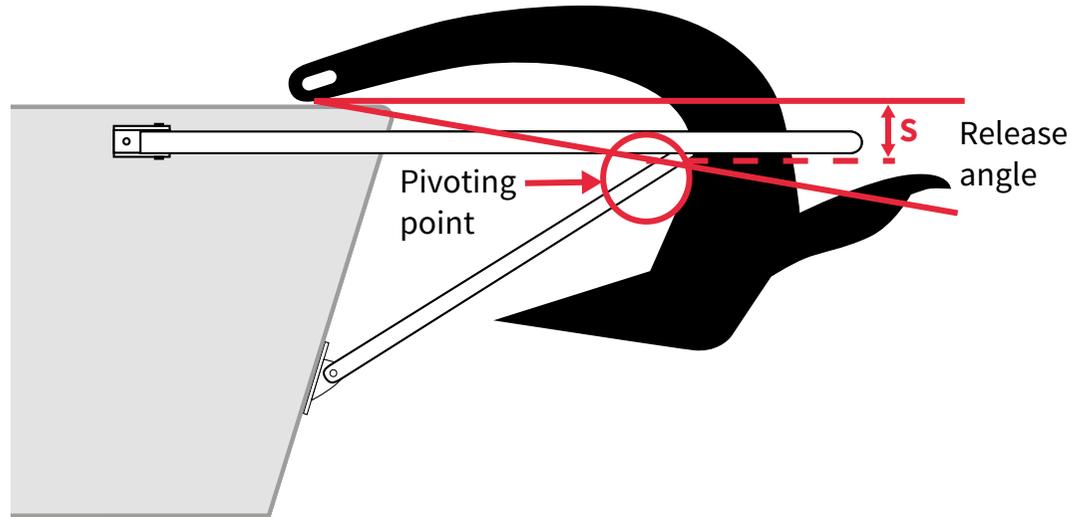
Example of a VULCAN anchor that is a bit sensitive to bigger S measurements where the anchor has a tendency to rotate forward around its pivoting point and with that it will hang down a bit.

Guide is to reduce the S measurement as much as possible by using a pivoting roller P1308 mounted upside/down and try to install the bowsprit as high as possible.

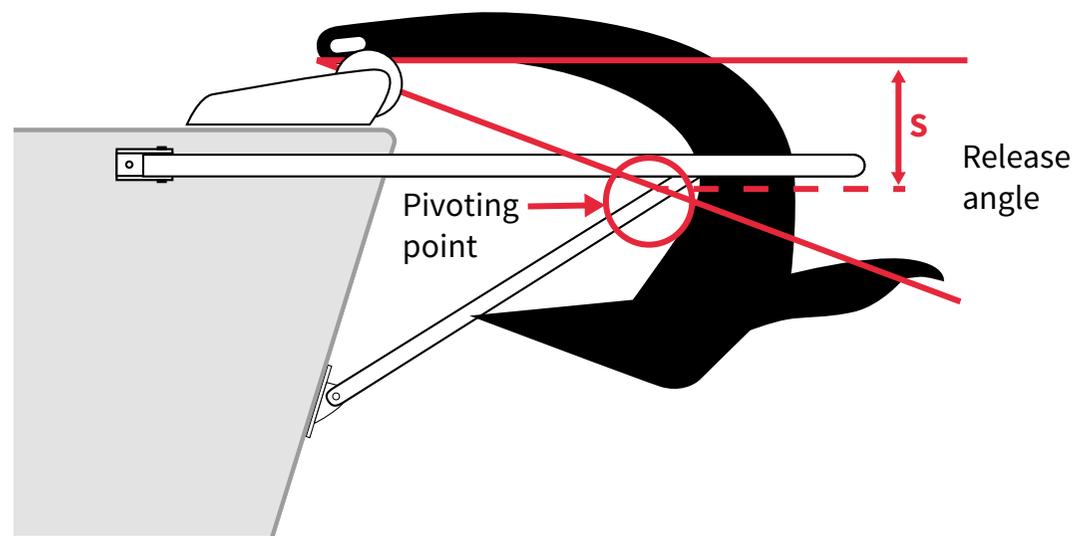


## GUIDE

### Without fixed bow roller



### With fixed bow roller



# BRUCE type anchor in sailing position

It is important to find a good stowage position for the anchor in the bowsprit where it can be fixed and remain stable during sailing. Maybe your boat already has an existing fixed bow roller in the front? In that case you may keep it using it together with the roller on the bowsprit to jointly support your anchor. As seen, the anchor is then stored with a slightly larger release angle.

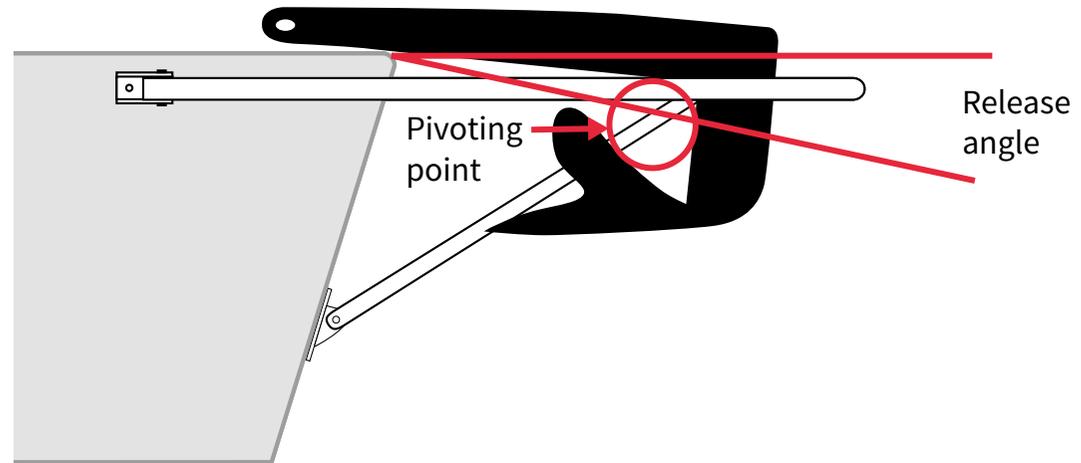
Example of a BRUCE anchor that normally is a very stable bowsprit anchor due to the straight shank. The sharp neck can have a tendency to get stuck in the fore part of the bowsprit anchor case.

To support an easier release, we propose to use a pivoting anchor roller model P1301 for anchors up to 15 kg. This will move pivoting point closer to the anchors center of gravity.



## GUIDE

### Without fixed bow roller



### With fixed bow roller

