

1 Introduction

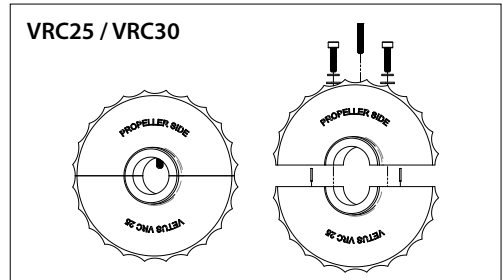
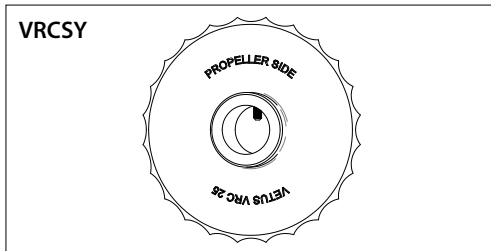
The VETUS Rope Cutter (VRC) is a circular AISI Type 316L stainless steel saw blade mounted behind the propeller.

When the propeller comes into contact with waste, such as plastic or rope, it can wrap itself around the propeller shaft. In the worst case, the shaft will no longer rotate and manoeuvring will become impossible. By turning with the shaft, rope and plastic, among other things, are effectively removed.

2 General

The VRC is suitable for propeller shafts of 25 mm and 30 mm and is available in the following versions:

- VRCSY (1 part) - Especially for the Yanmar Sail-drive SD60, 25 mm shaft, on the shaft of a tail-piece.
- VRC25 (2 parts) - 25 mm shaft, on the propeller shaft.



- VRC30 (2 parts) - 30 mm shaft, on the propeller shaft.

See [chapter 4](#) for main dimensions and specifications.

3 Installation



CAUTION

Switch off the propulsion system and prevent it from being switched on!



WARNING

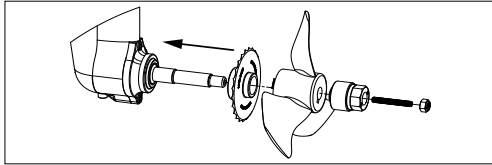
The edges of the VRC are razor-sharp and can lead to serious injuries.

Use the plastic protective ring where necessary!

VRCSY

- Dismantle the screw.

- When installing on a saildrive, remove the original spacer.
- Place the VRC over the propeller shaft and screw it on.

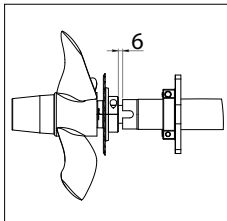


- Mount the propeller.

VRC25 and VRC30

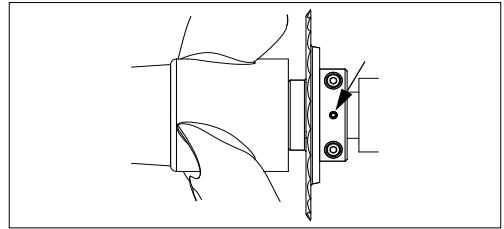
Mount the two-piece saw blade on the shaft between the screw and the rubber bearing housing. On the VRC it is indicated with 'propeller side' that this side must be facing the propeller.

- Insert the dowel pins.
- Do not fully tighten the clamping bolts yet.



- Slide the VRC as far as possible onto the shaft in the direction of the rubber bearing housing, but keep a minimum distance of 6 mm (1/4").

- Clamp the VRC on the shaft
- Remove the locking bolt from the middle hole and use this hole to carefully mark the propeller shaft.
- Remove the VRC and use a 6.5 mm (1/4") drill bit to drill a hole of approximately 3 mm (1/8") deep in the propeller shaft.



NOTE

Remove the drilling dirt.

- Reassemble the VRC on the shaft, apply thread-locking to the two bolts and tighten loosely.
- Turn the VRC until the locking screw hole is aligned with the hole in the propeller shaft. Fit the locking screw, but do not tighten it too tightly yet.
- Tighten both bolts securely.
- Tighten the locking bolt.
- Remove the plastic protective cover.