

## NAWA Mooring reels for line and rope

Product numbers: Line reels 19032 and 19050. Rope reels 19832, 19852 and 19872.

Connectors for horizontal and vertical Ø 25 mm tube included.

available rail connectors:

22 mm adapter no: 19402.09

30 mm product no: 19404.30

32 mm product no: 19404.32

Can be mounted with other material-specific and sufficient fasteners.

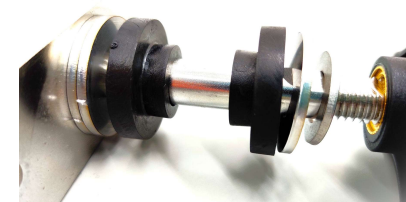
**DANGER:** Do not touch the reel as the line runs out, and make sure children and passengers are not in contact with the running reel, line or rope.

**NOTE:** Do not tighten the brake too much. This can damage the reel and in worst case the railing/boat where the reel is attached when you pull out the line. Make sure the line runs out smoothly in any condition, and that the line does not run out. Running out of line or rope may tear or rails and involves risks for damages on your boat and the reel. When mooring always use the boats cleats and ensure that you use enough sufficient knots for fastening.

Explore [www.nawa.fi](http://www.nawa.fi) for more information of products.

Patented and manufactured by Lankapaja Oy  
Made in Finland

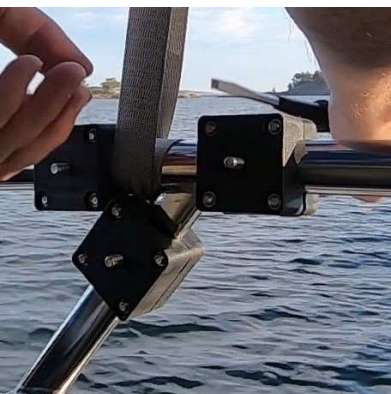
NOTE! washer installation order



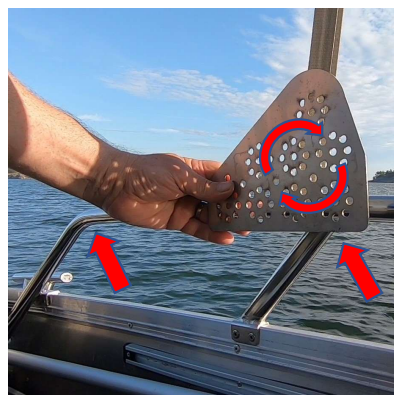
## Assembly instructions for NAWA line and rope reels



Release the brake knob and take off the spool. **Note** how the washers are placed, to make sure how to re-assemble them.



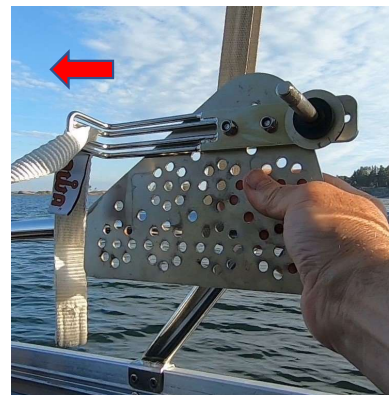
Assemble two or three connectors on the tubes without tightening. By sliding the connectors, you will find matching holes on the mounting plate



Find a suitable and rigid spot and angle for the mounting plate on the rail. Prefer corners, t-shapes or bended spots, to prevent swaying.



Attach the mounting plate to the connectors with the nuts. Tighten all screws on the connectors and the mounting plate.



Assemble the line steerer with two 16 mm long bolts, washers and nuts, so that it points in the direction that the line is pulled out.



Re-assemble the spool and make sure that you assemble the washers correctly.



Insert the 12 mm long bolt inside the flat connector half before mounting it on the rail.



Adjust the brake knob, so that the line runs out smoothly. Attach preferable mooring hook, and your reel is ready for use.