



Adjustable trolling motor support with/without Minn Kota logo

 rufisium

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Summary

A trolling motor support for the shaft when the motor is stored horizontally.



11.56 hrs



3 pcs



0.20 mm



0.40 mm



ABS



77 g



Prusa
MK3/S/S+

[Sports & Outdoor](#) > [Outdoor Sports](#)

Tags: [water](#) [boat](#) [motor](#) [support](#) [mount](#) [abs](#) [base](#)
[outdoor](#) [velcro](#) [recessed](#) [kota](#) [minn](#) [trolling](#)

This is a gift. I added the Minn Kota logo for the recipient. There's a blank version as well.

I used a wide brim on the top files because I didn't want the print to fall over due to a narrow base. I also lined the top of the print parallel to the x-axis so there would be less shaking from the Y-axis movement.

You can print it however you'd like. The brim uses less filament than supports, but of course more than no supports.

I added gcode for your convenience, if you have my printer. I modeled these and I'm working on another file to tighten them together. The tolerances are quite close. So if you choose not to use the cam locks, the support pieces should have enough resistance to hold the motor from bouncing.

BE CAREFUL: When pushing the upper piece into the base do not push hard on the top of the upper piece. As it isn't the strongest part of the print. You could break the slit that holds the strap. I put them together like sheathing a sword.

Using a Velcro strap, you can secure the motor to the print by feeding the strap through the holes at the top and wrapping around the shaft.

As far as the cam lock goes, I will be creating one that is slim and fits the profile of the support.

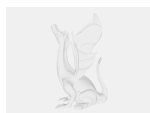
Cam lock that is pictured:

Creator's Name: **thegrateman**

Link: <https://www.prusaprinters.org/prints/110546-pool-pole-cam-lock/comments>

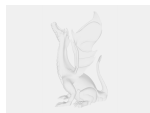
I plan to use other filaments to see how they are affected by the elements.

Model files



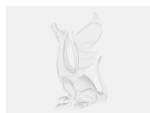
trolling-shaft-supportminn-kota.rsdoc

☐ rsdoc: This has the Minn Kota logo



trolling-shaft-supportblank.rsdoc

☐ rsdoc: This has no logo



trolling-shaft-support-base.rsdoc

☐ rsdoc: This is the base with recessed screw holes in case you want to mount to your boat



trolling-shaft-support-base.stl

☐ stl: This is the base with recessed screw holes in case you want to mount to your boat



trolling-shaft-support-blank.stl

❏ stl: This has no logo



trolling-shaft-support-top-minn-kota.stl

❏ stl: This has the Minn Kota logo

Print files



trolling-shaft-support-base_02mm_abs_mk3s_4h57m.gcode

🌀 ABS 0.40 mm 0.20 mm ⌚ 4.94 hrs ⚖️ 34 g 🖨️ Prusa MK3/S/S+



trolling-shaft-support-top-minn-kota_02mm_abs_m.gcode

🌀 ABS 0.40 mm 0.20 mm ⌚ 6.62 hrs ⚖️ 43 g 🖨️ Prusa MK3/S/S+



trolling-shaft-support-top-blank_02mm_abs_mk3s_.gcode

🌀 ABS 0.40 mm 0.20 mm ⌚ 6.41 hrs ⚖️ 42 g 🖨️ Prusa MK3/S/S+

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