

PRODUCT SUMMARY

CLAMP TILLER HEAD FITTING FOR COMPOSITE RUDDER STOCKS



DESCRIPTION

Fabricated tiller head fitting that clamps securely around rectangular section fibre reinforced carbon/composite rudder stocks of various sizes. Designed to be CNC machined from a range of materials including monolithic glass or carbon fibre reinforced composite, stainless steel and other engineering materials. Scalable to suit all sizes of stocks. Customisable to suit specific vessel design requirements. Suitable for large or small production runs, lightweight to freight. Designed for production and custom vessels.

DEVELOPMENT STATUS/VERSION

Prototype developed and installed in 2021. Has passed practical testing in normal use over approx. 3,000 nautical miles.

BENEFITS

- Light weight
- Zero slop design, can be tightened. Tight at all angles when installed correctly.
- Able to accommodate tiller operation at a variety of angles while remaining secure and without play.

- Designed to enable the tiller to stand vertically when the vessel is using autopilot or docked – yet instantly ready for use but pulling down to a comfortable steering position. Tiller lift/drop friction can be adjusted.
- Strong and secure.
- Design can be customised to suit all geometric/ergonomic requirements – scalable
- Composite versions can be painted.
- Composite versions not subject to corrosion/rusting (some rust staining of stainless-steel bolting may be experienced when using carbon plate).
- Can be supplied in varied materials (request specification to suit individual applications).
- Also serves as stock securing clamp with mid clamp bolt passing through the stock.
- Also suitable for emergency tiller arrangements on wheel steered boats with composite stocks
- Suitable for new or retro fit applications

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