

K9 Turnbuckles for the Star boat

General info....

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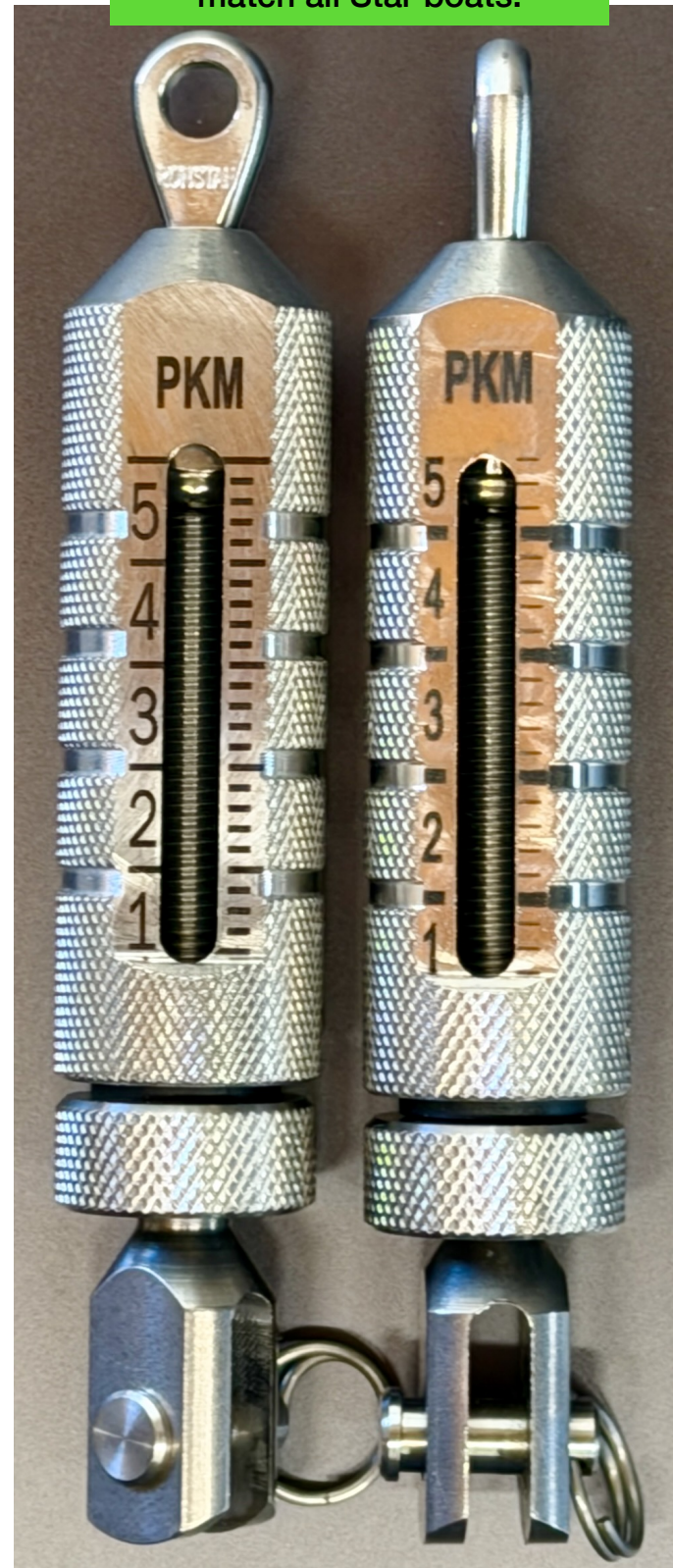
Upper Shroud K9

Thinner top eye, catering for upper shroud fork fitting.
5mm pin in bottom fork, to match all Star boats.



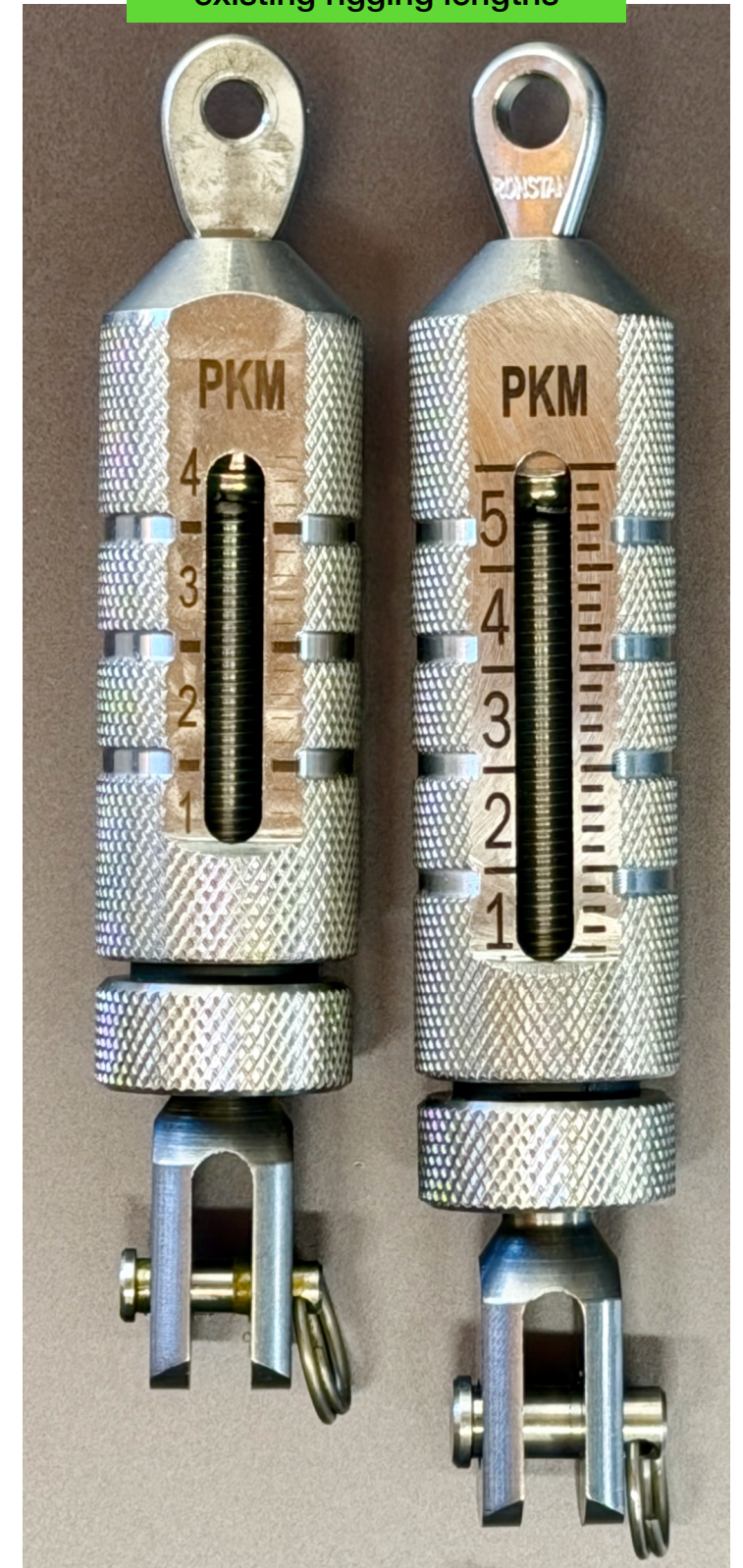
Lower Shroud K9

Thicker top eye, catering for high loads and lower shroud fork fitting.
6mm pin in bottom fork, to match all Star boats.



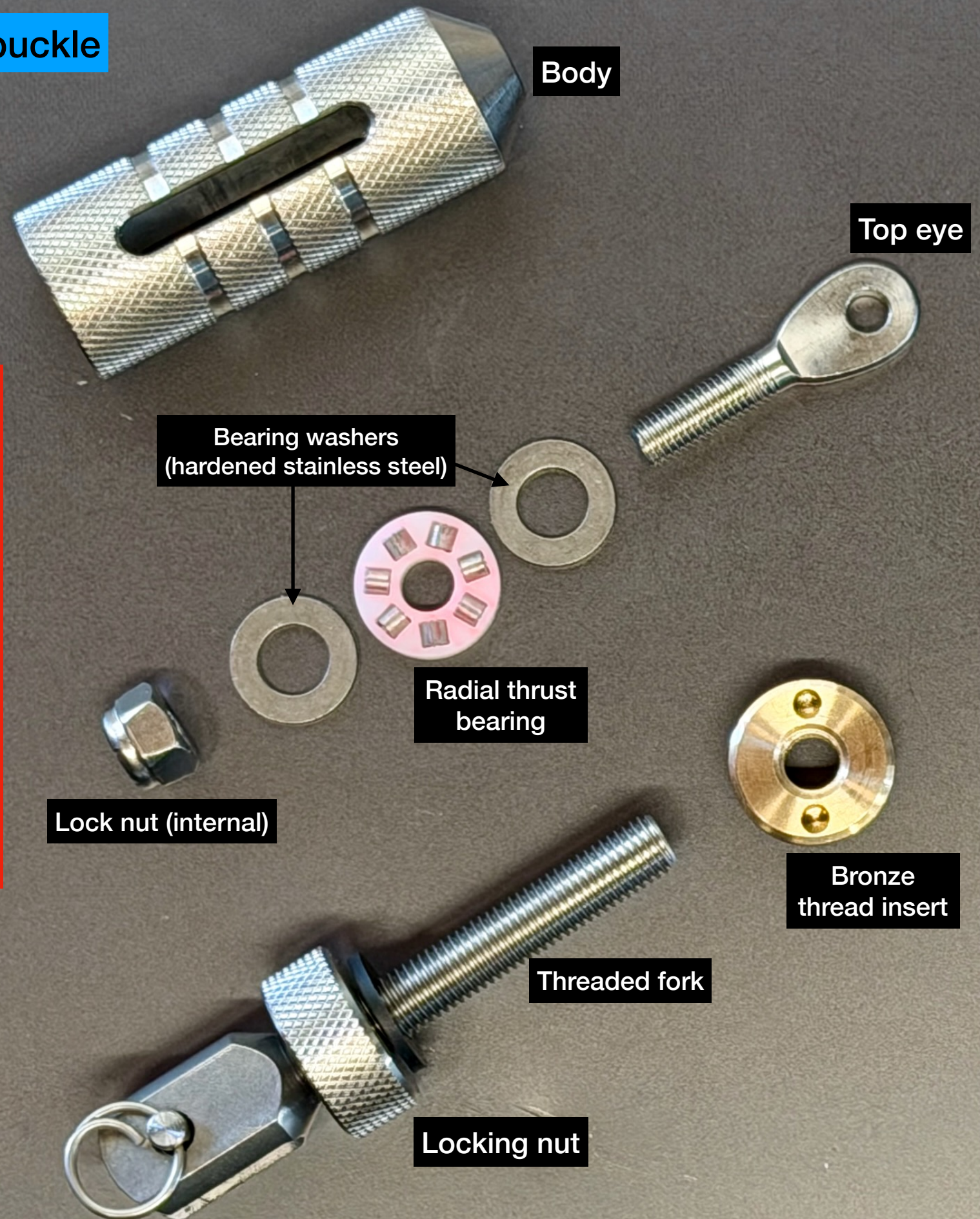
Upper Shroud K9 and Lower Shroud K9

Upper shroud model with a shorter body, catering to most existing rigging lengths



Parts making up the Star K9 Turnbuckle

The K9 Turnbuckle has several great features. The best and most unique being the ability to adjust the rigging on the windward side under load when sailing upwind. It is simply a matter of the crew sliding forward, cracking open the locking nut and turning the body. This achievable via the radial thrust bearing being employed.



Thread Pitch fact sheet

Sta-Master vs. PKM Turnbuckles

The convention for measuring thread pitch is "TPI" (Threads Per Inch)

Small Sta/Master - for
upper shroud on a
Star-boat



The PKM has
a TPI of 24 -
1.06mm per
turn.

The Small Sta/Master
thread is 10 TPI -
2.5mm per turn.

One full turn on the Sta/
Master upper shroud is the
equivalent of 2.5 turns on
the PKM.

Large Sta/Master - for
lower shroud on a
Star-boat



The Large Sta/Master
thread is 8 TPI -
3.2mm per turn.

One full turn on the Sta/
Master lower shroud is the
equivalent of 3 turns on the
PKM. Or two faces is the
equivalent of 1 turn



**Rob Scrivenor's chartered P-Star
fitted with a PKM turnbuckles for the
lower shrouds (toggle bottoms) at the
2026 Bacardi Cup.**



Tom Londrigan's P-Star fitted with a full set of PKM turnbuckles (toggle bottoms) at the 2026 Bacardi Cup.