

STRUCTURAL FURLING SYSTEMS

S T K

Structural furlers have been installed on racing sailboat for a long time. These structural furlers support mast loads and can entirely furl in and out the sails (such as Solent, Staysail, Genoa). This high performance system is also supplied on ocean cruising yachts for Staysails.

PERFECT SAIL & LIGHTNESS

FURLERS

S T K

- Saving weight (up to 3 times lighter than a conventional furling system)
- Stronger furling power with large diameter drum
- Maximum luff thanks to the low profile drum (continuous line drum)
- Simple installation fitting various forestay terminals
- Resistant and tested for heavy loads
- Tensioning halyard possible by 2-to-1 (see terminal options)
- Classic or endless line drum available, connection on jaw or thread

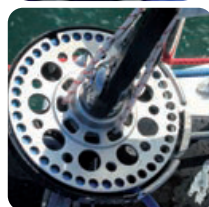
The in/out furling system:

- This in/out system enables a performance sail (Solent, Staysail, Genoa).
- Structural system : the forestay (high quality textile fibers) turns and holds the mast.



Two possible assemblies

The structural furlers can be connected onto the textile stay with classic thimbles or threaded cone-shaped terminals (Navtec system)



Top terminal

Fixation of the swivel at the head of the mast (delivered)

Head swivel

Connects the rotating stay to the mast and supports mast loads.

Anti-twist terminal

thimble or threaded connection terminal

Anti-twist structural stay

it supports the mast and also transmits the rotation of the bottom drum to the swivel

Single line drum :

- standard furling line
- handle from all winch of the cockpit

or

Continuous line drum :

- single block.
- the large diameter of the continuous line drum increases the furling power and reduces effort.
- Maximum luff length
- unlimited numbers of turns

Bottom terminal

directly integrated on the drum or continuous line drum. Many options available.