



HOOKS: HK, HKR

Performance → Safety → Lightness

Developed in collaboration with the greatest skippers, the Profurl HK hook is used either with a flying sail furler or with a stayfurler. The HK hook reduces mast compression and, at the same time, reduces weight aloft. Tested during the 2008—2009 Vendée Globe, on the Open 60 Veolia Environnement, The Profurl HK hook provides performance, safety, lightness, and reliability. The Profurl HKR hook is based on the same concept and is designed to facilitate mainsail reefing.



Hooks

HK, HKR

HK: HOOKS FOR HEADSAILS

Purpose of the Profurl HK Hook:

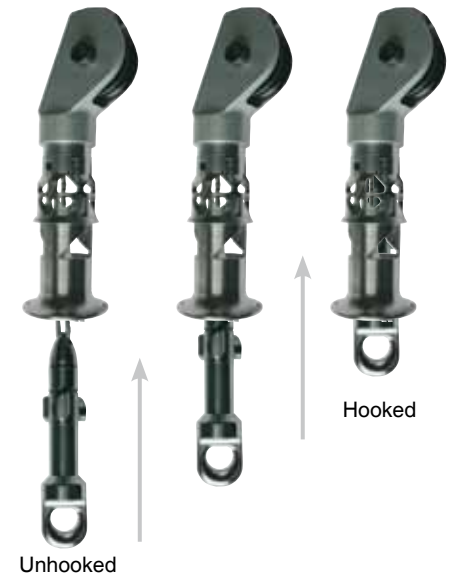
The easy to use Profurl HK hook is used to fit an asymmetrical sail to a flying sail furler, or a head or stay sail to a structural furler, such as the Profurl NEC ST. The control line is attached to the rocket and guides it into the receiver, which is fitted either inside or on the mast. Profurl HK hooks have been tested and proven during the 2008—2009 Vendée Globe on Roland Jourdain's Open 60, VéoIia Environnement. 3 models are available.

Components of Profurl HK Hooks

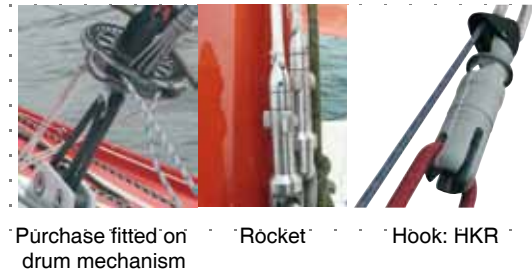
→ One rocket, one receiver, one line attached to the rocket.

Benefits of the Profurl HK hooks:

- Reduces mast compression.
- Eliminates standard halyard and loads generated by tightening the halyard
- Maintains constant luff tension
- 2:1 or 3:1 purchase is fitted to the drum mechanism, eliminating the halyard block
- Smaller diameter halyard can be used.
- Reduces weight aloft
- No risk of losing the sail, if the halyard breaks
- Easy to install and easy to maintain.
- The receiver can be fitted internally or externally
- Terminal: eye splice (to rocket)



Model	HK 3.0	HK 5.0	HK 14.0
Max. working load (Kg)	3000	5000	14000
Total weight (Kg)	0,960	1,220	1,830
Max Ø line (mm)	from 6 to 10	from 6 to 10	from 6 to 12
Height receiver (mm)	175	221	267



HKR: REEFING HOOK SYSTEM FOR MAINSAIL

Purpose of the Profurl HKR Hook

The HKR hook is used to reef the main. Based on the same concept as HK, it has 3 components: one rocket, one receiver, and one line. The rocket is attached to the sail at the reefing point; the receiver to the end of the boom; and the line guides the rocket smoothly into the receiver. Once hooked in place, the tension is adjusted by a single hydraulic ram for all reefing lines.

Advantages of the Profurl HKR hook

- Clears traditional reefing leads by applying tension at the end of the boom
- Cleans and simplifies the deck organisation by removing jammers, etc.
- No loads on the hardware (winches etc.)

Sunreef 102 equipped with HKR



Sunreef 114 equipped with HKR

