

High resistance body Halyard locks improve flying sail use (Staysail/Gennaker) saving weight and reducing mast compression loads. This simple and efficient device makes the halyard locking/unlocking easy and safe. Fitted either inside or outside the mast, the Facnor lock tremendously eases the handling of flying forestays.



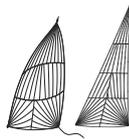
Halyard /locking control

Halyard partially without outer shell on 2x the lock body length

HL 2T and +

BUILD INTO MAST FRONT

- Halving mast compression loads
- Luff constantly tight (less halyard elasticity)
- Easier foredeck handlings
- Different possibilities of use :
Gennaker or Code zero & Staysail
- Reduction of the boat heel/windage (lowered sail)



>> Resistant

High resistance body : titanium or high resistance stainless steel depending on model



>> Optimum integration of the lock

- device fitted from outside the mast;
- lock supported by the mast contact area;
- easy mast inspection, fixation by two screws;



>> Options (custom):

Some models (out of standard) can be specially equipped with :

- Fitted-in sensors :**
 - « upwards stop » and « locked »
- Various terminals available (see page 29)**
 - With toggle directly fitted-in (swivel)

>> Bullet lock:

Body in aluminium, pin and sheave in stainless steel
Used for wide angulation halyard



1 Pull up the halyard until the sail reaches full hoist for locking

>> Reliable mechanism

“Star-shaped” inner part
- The rotating ring is fitted with three projecting blocks that adjust themselves in the body of the mast part.
- specific surface processing

2 Pull up again the halyard for unlocking (and thereby taking down the sail).



>> Internal halyard HL locks technical features

Parameters / Lock model* (= working load)	HL 2T	HL 3T	HL 5T	HL 8T	HL 10T	HL 12T	HL +
Kevlar equivalent wire	7 T	10 T	14 T	25 T	30 T	40 T	on request
ROD Equivalent	#8	#12	#17	#30	#40	#48	
Wire Equivalent 1x19 (mm)	7	8	10	14 (9/16)	16 (5/8)	19 (3/4)	
Dyform Equivalent (mm)	6	7	8	12	14	16	

* model name = Kevlar stay breaking loads (see structural furler mention)

Voir la video sur YouTube

<https://youtu.be/2V9NX9SgFvA>