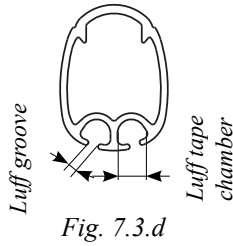
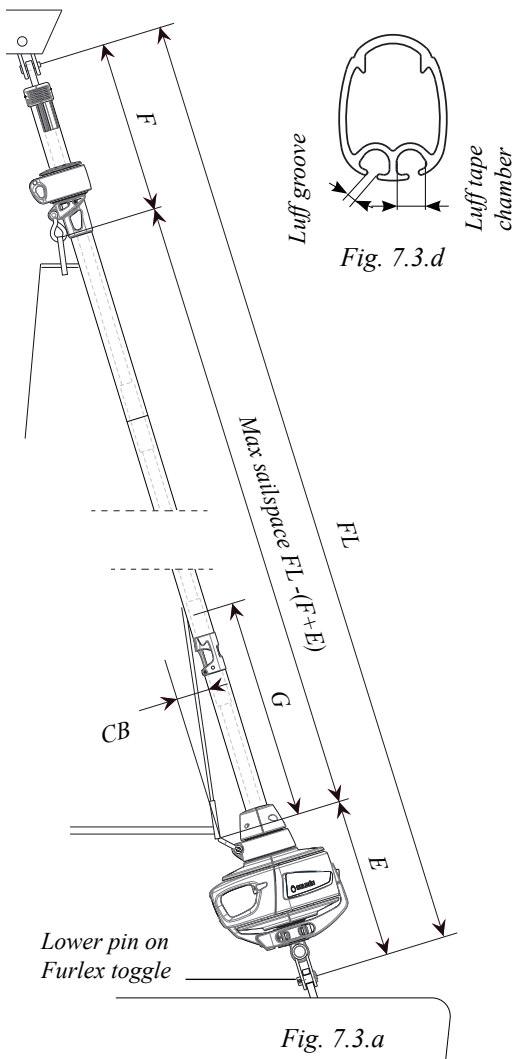


### 7.3 Furlex 104S-404S (2014-) & Furlex Electric (2018-)



Sails with a luff considerably shorter (more than 500 mm) than the maximum permissible must be fitted with a permanent head pendant. The total luff length including pendant should be just less than the "Max. sail space" dimension. A too short luff length (including head pendant) can result in "halyard wrap" which may cause severe damage to the forestay, and put the entire rig at risk. For more information please refer to "Sail information" in the relevant Furlex manual.

Fig. 7.3.b

**Furlex 104S/204S Mk2/304S Mk2/404S halyard swivel.**

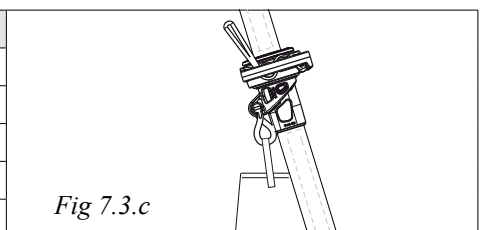
If "F" measurement is >specified (sail is made too short) there is a risk of the halyard shackle shafing the luff extrusion. Always check clearance. Add a pendant between sail and halyard swivel or a soft shackle between HMPE loop in the halyard swivel and the halyard shackle. A too short luff length (including head pendant) can also result in "halyard wrap" which may cause severe damage to the forestay, and put the entire rig at risk. For more information please refer to "Sail information" in the relevant Furlex manual.

Fig. 7.3.c

| Furlex Type/Serie | Section dimension | Luff groove<br>mm | Max. space available in chamber<br>mm | Max. luff tape<br>mm | Cut-back<br>CB mm | Cut-back height<br>G mm | Maximum sail space FL-(F+E)<br>(Measurement calculated from existing forestay length: FL). |      |        |      |
|-------------------|-------------------|-------------------|---------------------------------------|----------------------|-------------------|-------------------------|--|------|--------|------|
|                   |                   |                   |                                       |                      |                   |                         | F mm   | E mm | F+E mm |      |
| Manual            | 104S Ø 4 & 5      | 30/20             | 2.75                                  | Ø 6                  | Ø 5               | 60                      | 1100   | 440  | 205    | 645  |
|                   | 104S Ø 6          | 30/20             | 2.75                                  | Ø 6                  | Ø 5               | 60                      | 1100   | 440  | 220    | 660  |
|                   | 204S Ø 6          | 35/25             | 3.0                                   | Ø 6                  | Ø 5               | 60                      | 1100   | 425  | 265    | 690  |
|                   | 204S Ø 7          | 35/25             | 3.0                                   | Ø 6                  | Ø 5               | 60                      | 1100   | 425  | 265    | 690  |
|                   | 204S Ø 8          | 35/25             | 3.0                                   | Ø 6                  | Ø 5               | 60                      | 1100   | 425  | 275    | 700  |
|                   | 304S Ø 8          | 42/31             | 3.0                                   | Ø 7                  | Ø 6.5             | 60                      | 1100   | 430  | 310    | 740  |
|                   | 304S Ø 10         | 42/31             | 3.0                                   | Ø 7                  | Ø 6.5             | 60                      | 1100   | 530  | 315    | 845  |
|                   | 404S Ø 12         | 52/38             | 3.0                                   | Ø 8                  | Ø 6.5             | 80                      | 1100   | 630  | 390    | 1020 |
| 404S Ø 14         | 52/38             | 3.0               | Ø 8                                   | Ø 6.5                | 80                | 1100                    | 630  | 410  | 1040   |      |

**Head deduction (F) Furlex 204S-304S Mk2 Halyard swivel (2018-)**

| Furlex type | F   | F+E |
|-------------|-----|-----|
| 204S Ø 6    | 485 | 750 |
| 204S Ø 7    | 485 | 750 |
| 204S Ø 8    | 485 | 760 |
| 304S Ø 8    | 490 | 800 |
| 304S Ø 10   | 490 | 905 |



### 7.4 Furlex 200TD-400TD (Through Deck)

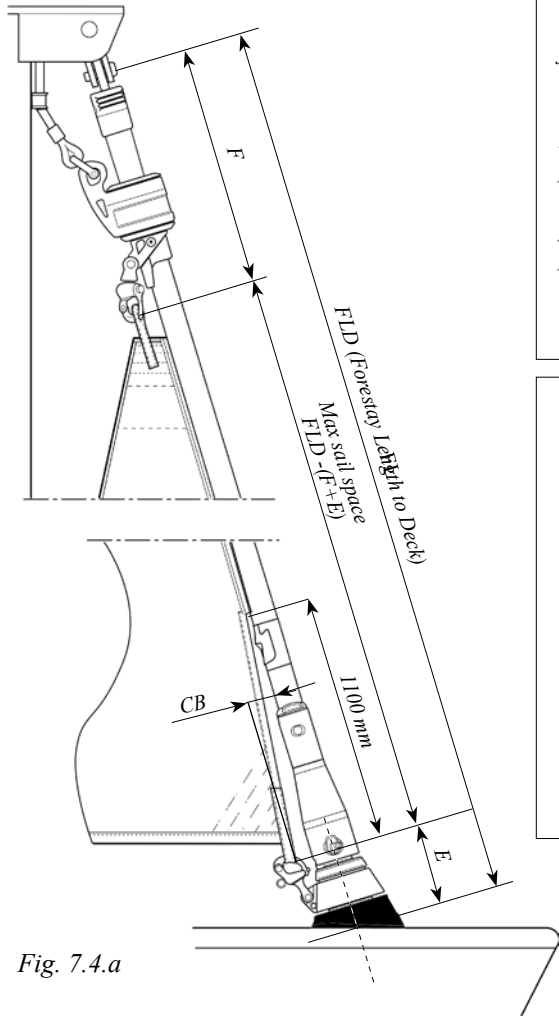



Fig. 7.4.a



Sails with a luff considerably shorter (more than 500 mm) than the maximum permissible must be fitted with a permanent head pendant. The total luff length including pendant should be just less than the "Max. sail space" dimension. A too short luff length (including head pendant) can result in "halyard wrap" which may cause severe damage to the forestay, and put the entire rig at risk. For more information please refer to "Sail information" in the relevant Furlex manual.

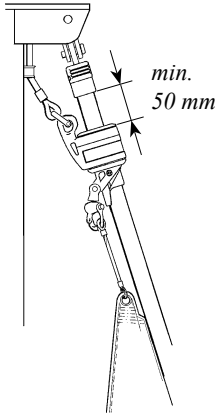



Fig. 7.4.b



**Furlex 400TD Mk2 halyard swivel.**

If "F" measurement is > specified (sail is made too short) there is a risk of the halyard shackle shafing the luff extrusion. Always check clearance. Add a pendant between sail and halyard swivel or a soft shackle between HMPE loop in the halyard swivel and the halyard shackle. A too short luff length (including head pendant) can also result in "halyard wrap" which may cause severe damage to the forestay, and put the entire rig at risk. For more information please refer to "Sail information" in the relevant Furlex manual.

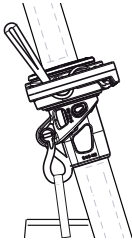
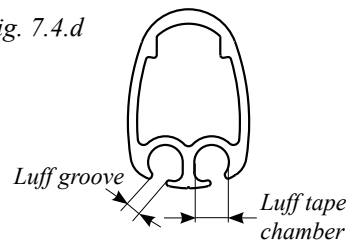


Fig. 7.4.c

Fig. 7.4.d



| Furlex Type/Serie | Section dimension | Luff groove<br>mm | Luff tape chamber<br>mm | Max. luff tape<br>mm | Cut-back<br>CB mm | Maximum sail space FLD-(F+E) |      |        |     |
|-------------------|-------------------|-------------------|-------------------------|----------------------|-------------------|------------------------------|------|--------|-----|
|                   |                   |                   |                         |                      |                   | F mm                         | E mm | F+E mm |     |
| Manual            | 200TD             | 31/21             | 3.0                     | Ø 6                  | Ø 5               | 60                           | 540  | 130    | 670 |
|                   | 300TD Ø 8         | 39/27             | 3.0                     | Ø 7.5                | Ø 6.5             | 80                           | 550  | 150    | 700 |
|                   | 300TD Ø 10        | 39/27             | 3.0                     | Ø 7.5                | Ø 6.5             | 80                           | 650  | 150    | 800 |
|                   | 400TD             | 48.5/34           | 3.0                     | Ø 8                  | Ø 6.5             | 95                           | 620  | 210    | 830 |

This data is also valid for Furlex TD Electric.