

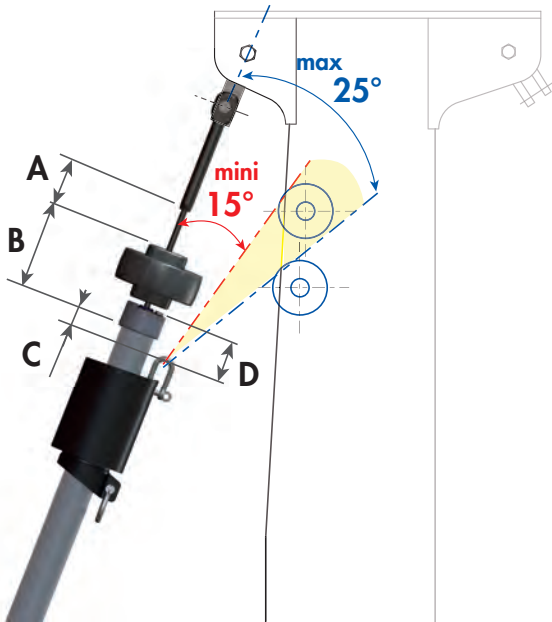


**RECOMMANDATIONS : HALYARD ANGLES**

**Halyard deflector wheel :**

It prevents the halyard from wrapping round the forestay and also deflects Spinnaker

halyard. It is important to maintain this part to protect the forestay.



**Halyard angle with forestay :**

- It must be situated between 15 and 25°
- Distance between halyard swivel & top car must not measure more than 150mm.

A = mini 50 mm and maxi 80 mm between halyard deflector wheel and bottom end of the forestay terminal.

B = 78 mm

C = 80 mm max. between the halyard swivel & the top car (after sail stretching)

Note: These average values fluctuate according to the mast geometry. We strongly recommend that you instruct a skilled professional to install your furling system (see our worldwide agent network on [www.facnor.com](http://www.facnor.com))

**USE OF THE HALYARDS SPECTACLES**

**Universal Spi spectacles :  
 Halyard handling**



If the angle between the halyard and the forestay is too narrow (less than 15°), it is recommended to add universal spi spectacle to open this angle. It prevents the halyard from wrapping around the forestay. (Sparcraft spectacle range)

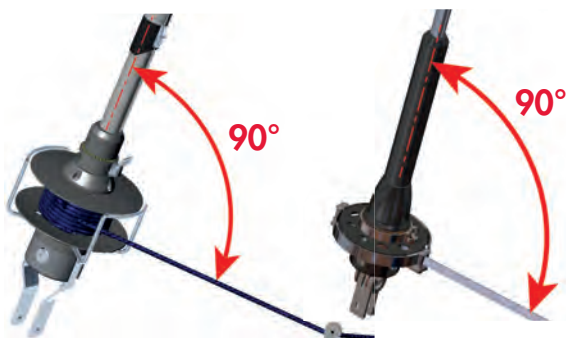
Sparcraft spi spectacle model	∅ A int. (mm)	∅ Rope (mm)
Small size (with 4 rivets) ref. Sparcraft 43220.000.035	∅ 12	∅ 5 ∅ 6 ∅ 7 ∅ 8 ∅ 10
Middle size (with 4 rivets) ref. Sparcraft 43220.000.025	∅ 17,6	∅ 12 ∅ 14 ∅ 16
Large size (with 4 rivets) ref. Sparcraft 43220.000.015	∅ 22	∅ 18 ∅ 20 ∅ 22

**RECOMMENDATIONS FOR FURLING LINE FITTING**

**90° for the furling line :**

Whatever furling model (LS, LX, RX or FD), the furling line must run with 90° angle from the forestay (see against).

LS-LX-RX models: the furling line must run through one SST guide.



**Halyard**

**tension :** The halyard can be slacked when sailing downwind or in light winds (and inversely) in order to improve boat performance. After sailing, one should not forget to slacken the halyard, this will release tension in the sail, mast sheaves and above all the halyard swivel.