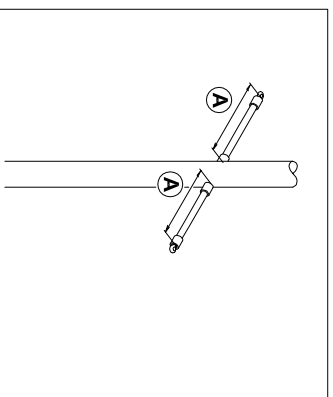
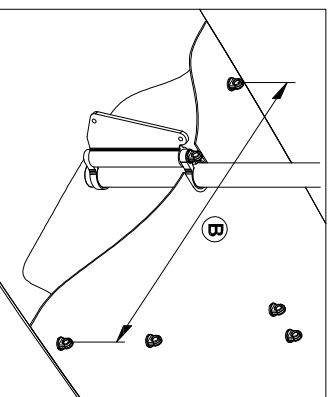


The spreader bar material is supplied as two pieces approximately the correct length for IOM and M class.  
If necessary the two spreaders may be cut at the proper length A according to: A = 30 +-40% B (see the drawing).



A = 30 +-40% B



- cut, if necessary, the tube of carbon C of adequate length and remove any residue of cut at the ends with fine sandpaper.

**WARNING!**

While cutting the carbon tube can break or fall apart: use a diamond blade cutting at high speed and wear eye protection.

Beware of cutting dust: wear a proper mask.

- with a small amount of cyano glue paste the bushing Ø4x4 - D to the tube of carbon C (mast side);
- with a small amount of cyano glue paste the bushing Ø4x4 - E - to the tube of carbon C (shroud side);
- repeat steps 2 and 3 on the other two bushes and on the other tube;
- prepare a small amount of epoxy glue 5 minutes and sprinkle the inside of the tube of carbon C; push the tip F inside the tube of carbon C, after the operation to clean the tip and the tube of carbon from the residues of glue;
- repeat steps 5 and 6 on the other tip and the other tube;
- sprinkle glue in one of the two carbon tubes and insert the stainless steel wire Ø2 mm G inside the tube for a length of about 20 mm;
- clean the tube and the stainless steel wire from the residues of glue;
- wait for the drying of the glue;
- drill a hole 2 mm diameter in the mast, approximately midway between the deck and the attack of shrouds (see rigging plan produced by the designer of the boat for exact location);
- insert the spreader with the wire 2 mm diameter in the hole in the mast and, on the opposite side, the other spreader.

Measures that we provide are indicative and based on our experience.  
Preparing the rigging of the boat in relationship with their own equipment.

