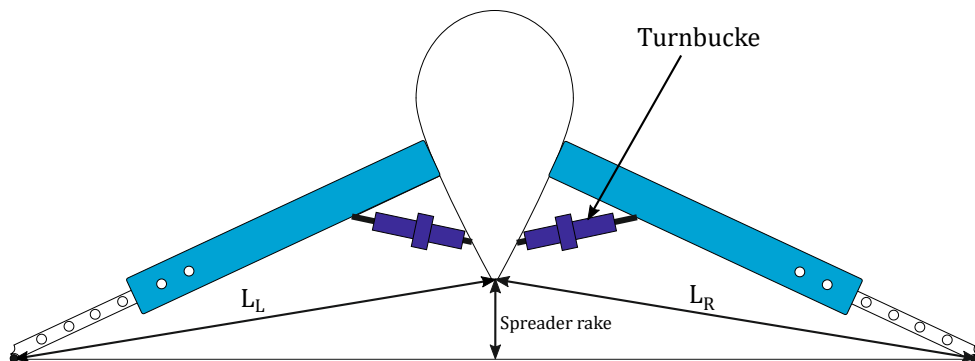


Mast settings for DS Bryt Sails, Medium-Stiff Fiberfoam mast (~83 kg):

I. Spreader rake (mast bend)



1. Take your diamonds out from the spreaders.
2. For most allround settings L_L and L_R should be set for approx. 410 mm.
3. Put the wires back on the spreader and check the spreader rake it should be ~55 mm.
4. Check the tension on your diamonds with the tension gauge (e.g. Sail & Science or Loos). The tension should be 29 (plus minus 1).
5. The settings above are good for the start. After sailing you should manipulate with the turnbuckles to change the spreader rake (min. 35 mm max. 70 mm) to adjust it for your weight or conditions. More wind, lighter helm- more rake. Less wind, heavier helm- less rake.

II. Mast rake

1. Download on your smartphon app that allows you to measure angles with one decimal place(e.g. Clinometer, Bubble O'meter).
2. When the boat is on the flat surface put your phone to the transom. Remember the result.
3. Take the phone and put it to the aft edge of your mast.
4. Substract two recieved results - this is your mast rake.
5. We use mast rake in the range form 4,5 deg. to 6,5 deg. It should also varies with the conditions. More forward when you need more power.
6. Measure the tension on your shrouds and it should be ~12 (plus minus 3). Try measuring it on the flat surface and the wind is light.