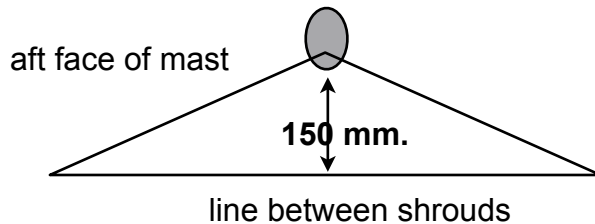


## Step 1 check spreaders angle



## Step 2 rake

Hoist the mast, leave the lowers completely slack and trim the uppers at 160kg (harken).

Check that the mast is upright.

Hoist a tape measure with the main halyard max up and check the "rake" measuring to the intersection of the transom and the bottom of the hull. This measure should be **11140 mm**

## Step 3 shrouds setting

Tune your turnbuckles to obtain the numbers in the gray line below. Obviously put the mast straight tuning the lowers.



Single thread turnbuckle			
TWS (kn)	UPPERS	LOWERS	Rake
0 / 4	- 4 turns (tot -6)	- 6 turns (tot -8)	11170
4 / 8	- 2 turns (tot -2)	- 2 turns (tot -2)	11170
8 / 10	160 kg	110 kg -5 turns	11140
8 / 10	15	11	11140
10 / 12	+3 turns (tot +3)	+3 turns (tot +3)	11140
10 / 14	+3 turns (tot +6)	+3 turns (tot +6)	11140
14 / 16	+3 turns (tot +9)	+2 turns (tot +8)	11140
16 / 18	+3 turns (tot +12)	+2 turns (tot +10)	11140
18 / 20	+3 turns (tot +15)	+3 turns (tot +13)	11140
20 / 22	+3 turns (tot +18)	+3 turns (tot +16)	11140
22 +	+4 turns (tot +22)	+4 turns (tot +20)	11120

Tension Gauge Harken Rig tune Pro, PT2 loose gauge, Spinlock rig sense RGS 0205



Double thread turnbuckle			
TWS (kn)	UPPERS	LOWERS	Rake
0 / 4	- 2 turns (tot -3)	- 3 turns (tot -4)	11170
4 / 8	- 1 turns (tot -1)	- 1 turns (tot -1)	11170
8 / 10	160 kg	110 kg -5 turns	11140
8 / 10	15	11	11140
10 / 12	+1.5 turns (tot +1.5)	+1.5 turns (tot +1.5)	11140
10 / 14	+1.5 turns (tot +3)	+1.5 turns (tot +3)	11140
14 / 16	+1.5 turns (tot +4.5)	+1 turns (tot +4)	11140
16 / 18	+1.5 turns (tot +6)	+1 turns (tot +5)	11140
18 / 20	+1.5 turns (tot +7.5)	+1.5 turns (tot +6.5)	11140
20 / 22	+1.5 turns (tot 9)	+1.5 turns (tot 8)	11140
22 +	+2 turns (tot +11)	+2 turns (tot +10)	11120

Tension Gauge Harken Rig tune Pro  
 PT2 loose gauge  
 Spinlock rig sense RGS 0205  
 Single thread turnbukle

