



Headsail Measurement Sheet

www.Mariner-Sails.com

Step 1: Measure the Rig

1) HS= ____ ft ____ in

Headstay Measurement: Attach a tape measure to the genoa halyard and raise as high as possible (see Headsail Tips and Tricks). Measure down to the intersection of the headstay and the deck (not to any coaming that the headstay is mounted to).

2) GF= ____ ft ____ in

Genoa Track Front Measurement: Measure from the top of the headstay (as on HS measurement) down to the front top edge of the genoa track.

3) GB= ____ ft ____ in

Genoa Track Back Measurement: Measure from the top of the headstay down to the back top edge of the genoa track.

4) JF= ____ ft ____ in

Jib Track Front Measurement: (If applicable) Same measurement as #2 above, but to the jib track.

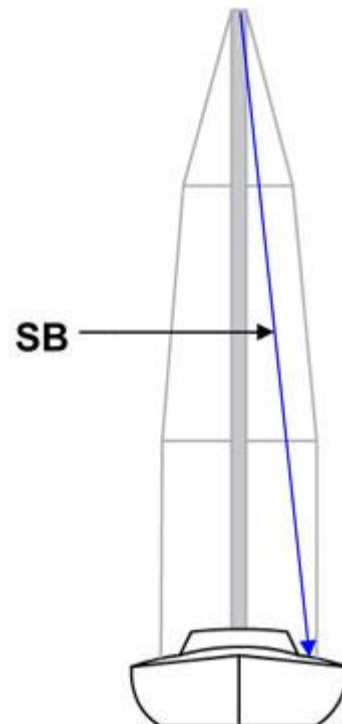
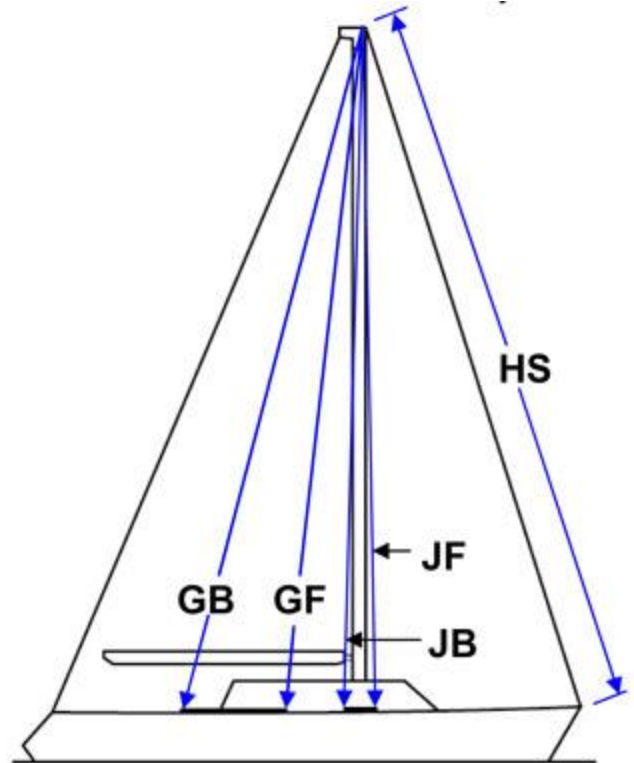
5) JB= ____ ft ____ in

Jib Track Back Measurement: (If applicable) Same measurement as #3 above, but to the jib track.

6) SB= ____ ft ____ in

Shroud Base of Main Shroud: Measure from top of the headstay down to the intersection of the main shroud and the deck.

When taking measurements 2 through 6, make sure that the tape measure is in the straightest line possible. Make sure that the tape crosses over the top of the shrouds as high as possible and is not hooked around the spreader(s)



Step 2: Measure the Boat

7) J= ____ft ____in

“J” Dimension: Measure in a straight line from the forestay at deck level to the front face of the mast.

8) GFD= ____ft ____in

Genoa Track Front at Deck: Measure in a straight line from the forestay at deck level to the front middle of the genoa track.

9) GBD= ____ft ____in

Genoa Track Back at Deck: Measure in a straight line from the forestay at deck level to the back middle of the genoa track.

10) JFD= ____ft ____in (if necessary)

Jib Track Front at Deck: Measure in a straight line from the forestay at deck level to the front middle of the jib track.

11) JBD= ____ft ____in (if necessary)

Jib Track Back at Deck: Measure in a straight line from the forestay at deck level to the back middle of the jib track.

12) GFW= ____ft ____in

Genoa Track Front Width: Measure the distance between the genoa tracks at the front middle edge.

13) GBW= ____ft ____in

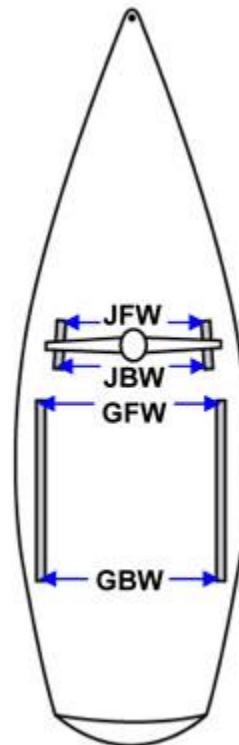
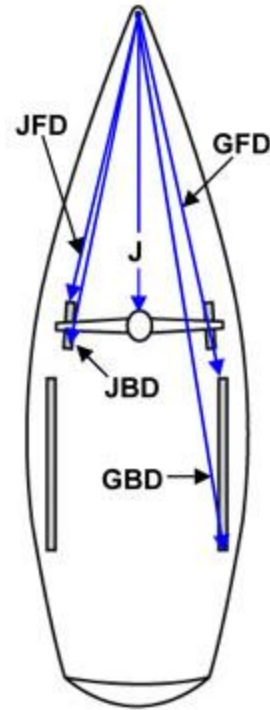
Genoa Track Back Width: Measure the distance between the genoa tracks at the back middle edge.

14) JFW= ____ft ____in (if necessary)

Jib Track Front Width: Measure the distance between the jib tracks at the front middle edge.

15) JBW= ____ft ____in (if necessary)

Jib Track back Width: Measure the distance between the jib tracks at the back middle edge.



Genoa Track is on outboard toe rail. If checked, how high is the toe rail above the deck? _____ inches.

Jib Track is on cabin top. If checked, how high is the cabin top above deck level? _____ inches.

Step 2: Measure the Boat (continued)

16) SW= ____ft ____in

Shroud Width: Measure the distance between the main shrouds at their bases, where the shrouds meet the deck.

17) FB= ____ft ____in

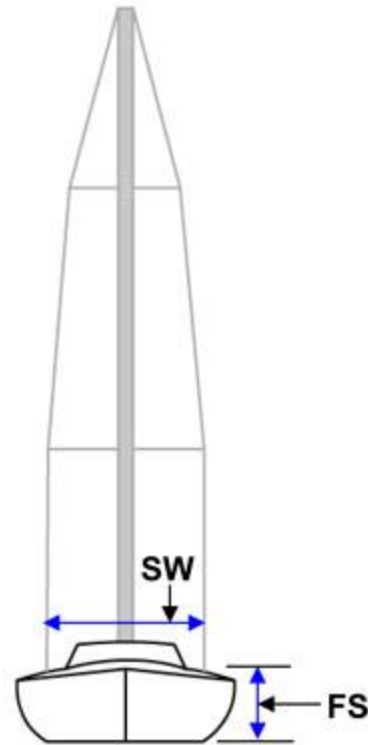
Freeboard at Bow: Measure the vertical distance from the waterline up to the bow, where the forestay and the deck intersect.

18) FS= ____ft ____in

Freeboard at Shroud: Measure the vertical distance from the waterline up to where the main shroud and the deck intersect. This measurement should be taken to the same point as in Section 6 (page 1 in this measurement guide), not to the point where the deck and side of the hull meet.

(See both diagrams on this page.)

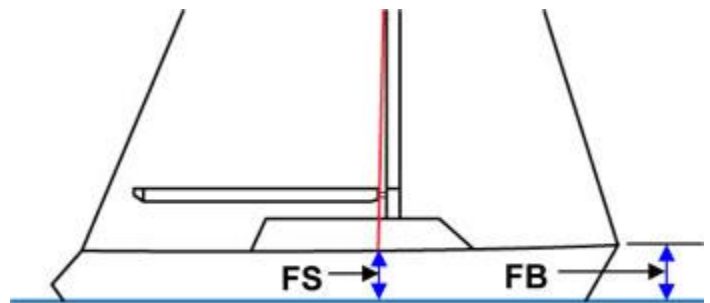
Shrouds are outboard



Typical genoa clew height on a furling sail is approximately 1" off the deck for every foot of boat length. This will vary depending on where the sail will sheet on the genoa/jib track. We want to leave room on the track so that the sail will still sheet to the track when the sail is reefed.

Clew height on hank-on sails depends on track location and planned sail use.

If you have a specific clew height in mind for your sail, please enter that number here: _____ inches.



Customer Name: _____

Boat Make and Model: _____ email: _____

Day Phone: _____ Evening Phone: _____

Step 3: Measure for a Furling Genoa

19) SL= ____ft ____in

Swivel Length: Measure the distance between the bearing surfaces of the halyard attachment point and the sail attachment point on the head swivel.

20) ML= ____ft ____in

Maximum Luff: Attach the genoa halyard to the head swivel and attach a tape measure to the sail attachment point. Raise the halyard as high as it will go and measure down to the bearing surface of the tack shackle on the furling drum.

21) TU= ____in

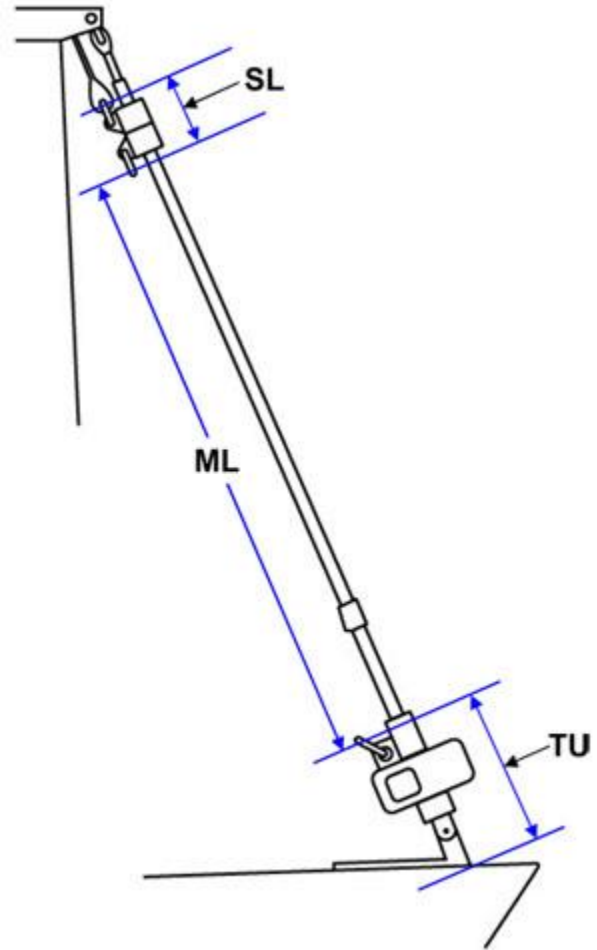
Tack Up: Measure the distance between the bearing surface of the tack shackle and the forestay/deck intersection.

22) TB= ____in

Tack Back: Holding the tack shackle at a 45° angle to the forestay, measure from center of the forestay to the bearing surface of the tack shackle.

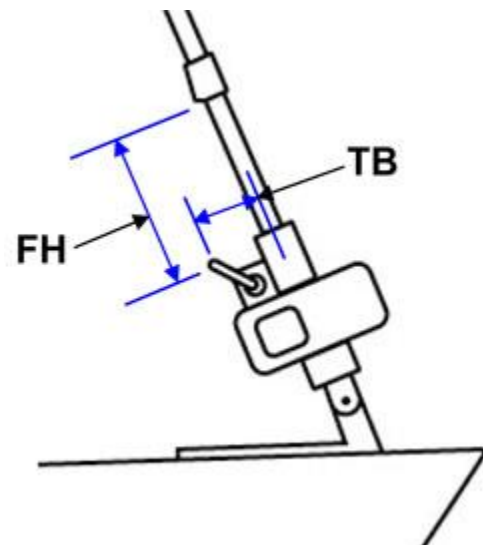
23) FH= ____in

Feeder Height: Measure from the bearing surface of the tack shackle to the entry point of the foil feeder.



Furler Make: _____
Furler Model: _____
Luff Tape Size: _____

UV Cover Info: White Dacron or Sunbrella
If Sunbrella, note color: _____
<input type="checkbox"/> Clockwise Furl
<input type="checkbox"/> Counter-clockwise Furl



Step 3: Measure for a Hank-on Genoa

24) MH= ___ft ___in

Maximum Hoist: Attach a tape measure to the genoa halyard shackle. Raise the halyard as high as it will go and measure down to the bearing surface of the tack attachment point.

25) TH= ___in

Turnbuckle Height: Measure the distance from the bearing surface of the tack attachment point to the top of the turnbuckle or any swage fitting on the forestay wire.

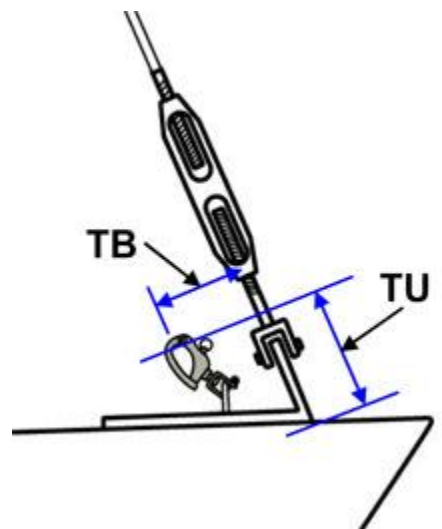
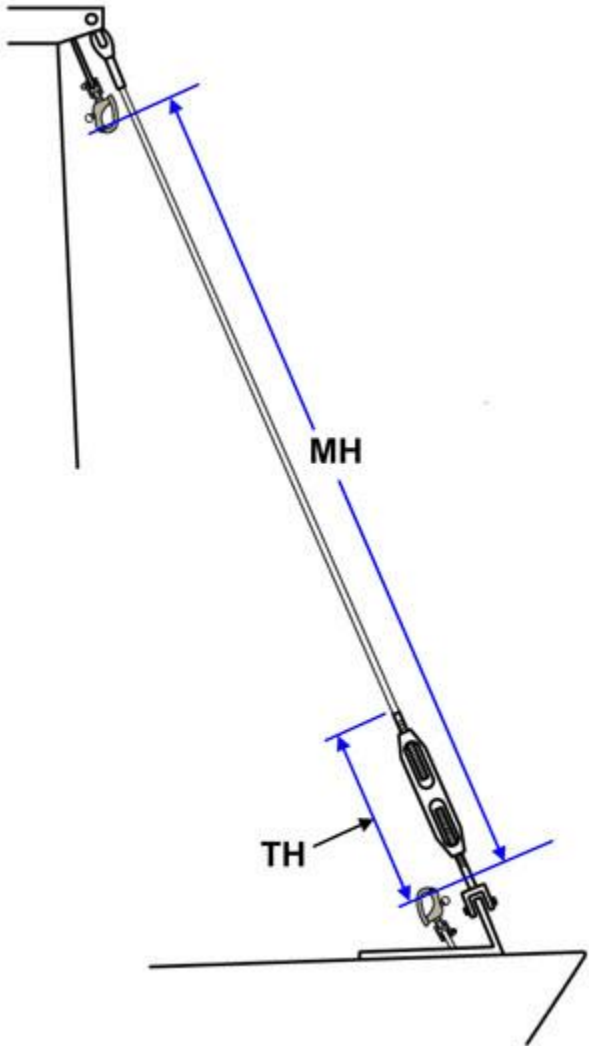
26) TU= ___in

Tack Up: Measure the distance between the bearing surface of the tack attachment point and the forestay/deck intersection. Hold any "floating" shackle or hook at a 45° angle to the forestay.

27) TB= ___in

Tack Back: Measure the distance between the bearing surface of the tack attachment point to the middle of the forestay. Hold any "floating" shackle or hook at a 45° angle to the forestay.

<input type="checkbox"/> Tack Pendant Desired
If desired, how long? _____



Tack Attachment Detail		
<input type="checkbox"/> Bar	<input type="checkbox"/> Hook	<input type="checkbox"/> Shackle
