

Custom Measurement Form... Roller Furling Genoa

Complete information on this form will enable North to design the best possible sail for your boat



Customer Name _____ Boat Type & Name _____

Home Phone _____ Work Phone _____ Fax _____

1 Furling System _____
Manufacturer _____
Model # _____
Foil Tape Size _____
OE# _____

2 U.V. Cover
Material _____ Color _____
When furling the sail, please note which direction the drum turns for the correct placement of the U.V. cover.
☐ Clockwise (port side) ☐ Counter clockwise (std. side)

Choose a calm day. Attach a long tape measure to the lower shackle of the head swivel. Tension the headstay (50% of max. is adequate). Hoist the tape as far as it will go and measure the following:

3 Maximum Luff Length. To the bearing surface of the sail attachment fitting on the roller furling drum. _____

For items 4 and 5, the tape should pass around the shrouds as if it were a sail.

4 Maximum Leech to the FRONT of the jib track _____
Maximum Leech to the BACK of the jib track _____

5 Max Genoa Leech to the FRONT of the genoa track _____
Max Genoa Leech to the BACK of the genoa track _____

Lower the head swivel and attach the tape directly to the halyard. Hoist the halyard as far as it will go (max. hoist) and measure the following:

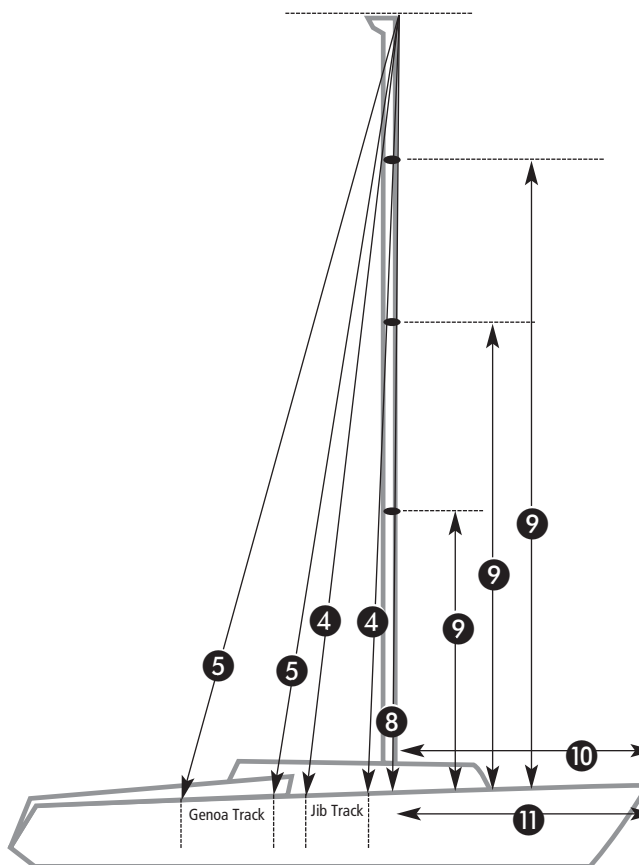
6 Max Hoist to the bearing surface of the tack fitting on top of the furling drum _____

7 Forestay Length. Max hoist to intersection of forestay and deck. _____

8 Halyard Height. Max hoist to deck at the main shroud base. _____

9 Spreader Patches. Lower upper end of tape to top spreader and measure to the shroud base as in **8**. Repeat for each additional spreader.
1. _____
2. _____
3. _____
4. _____

NOTE: If you have antennae or a radar unit mounted on the mast, note the location while measuring to the shroud base as in **8**. _____



NOTES



Custom Measurement Form... Roller Furling Genoa page 2

Attach the end of the tape to the intersection of the forestay and deck. Measure the following:

- 10 J Measurement.** From forestay to front of the mast.
- 11 Spreader Patches.** From forestay to the main shroud base.
- 12 Max Jib Foot Length.** Forestay to point on jib track directly beneath the lower shroud (D1).
- Centerline of boat to the same point on the track.
- Centerline to D1 at deck.

NOTE: For #13 and #14 (following), measure the most direct path, not around the shrouds.

- 13 Jib Track Position.** Forestay to the forward end of the jib track.
- Forestay to the aft end of the jib track
- 14 Genoa Track Position.** Forestay to forward end of the genoa track.
- Forestay to aft end of genoa track
- 15 Drum Height.** Forestay intersection with the deck, up to the bearing surface of the tack fitting on top of the furling drum.

The following measurements will help insure your sail will fit the furler correctly:

- 16 Head Swivel Length.** Distance between bearing surfaces of the halyard attachment point and the sail attachment point.
- 17 Feeder Height.** Tack fitting to the luff tape feeder.
- 18 Tack Setback.** Measure distance at 90° to the forestay back to bearing surface of tack fitting. If tack fitting is a rotating shackle, measure tack setback with shackle approx. 30° to the deck.
- 19 Drum.** Diameter of furling drum.
- 20 Clew Height.** Preferred clew height above deck.

- 21 Sheeting Angle-Jib.** Horizontal distance between the port and stbd. jib tracks at the forward end...

...at the aft end

- 22 Sheeting Angle-Genoa.** Horizontal distance between the port and stbd. genoa tracks at the forward end...

...at the aft end

- 23 Shroud Base.** Horizontal distance between port and stbd. main shroud bases.

