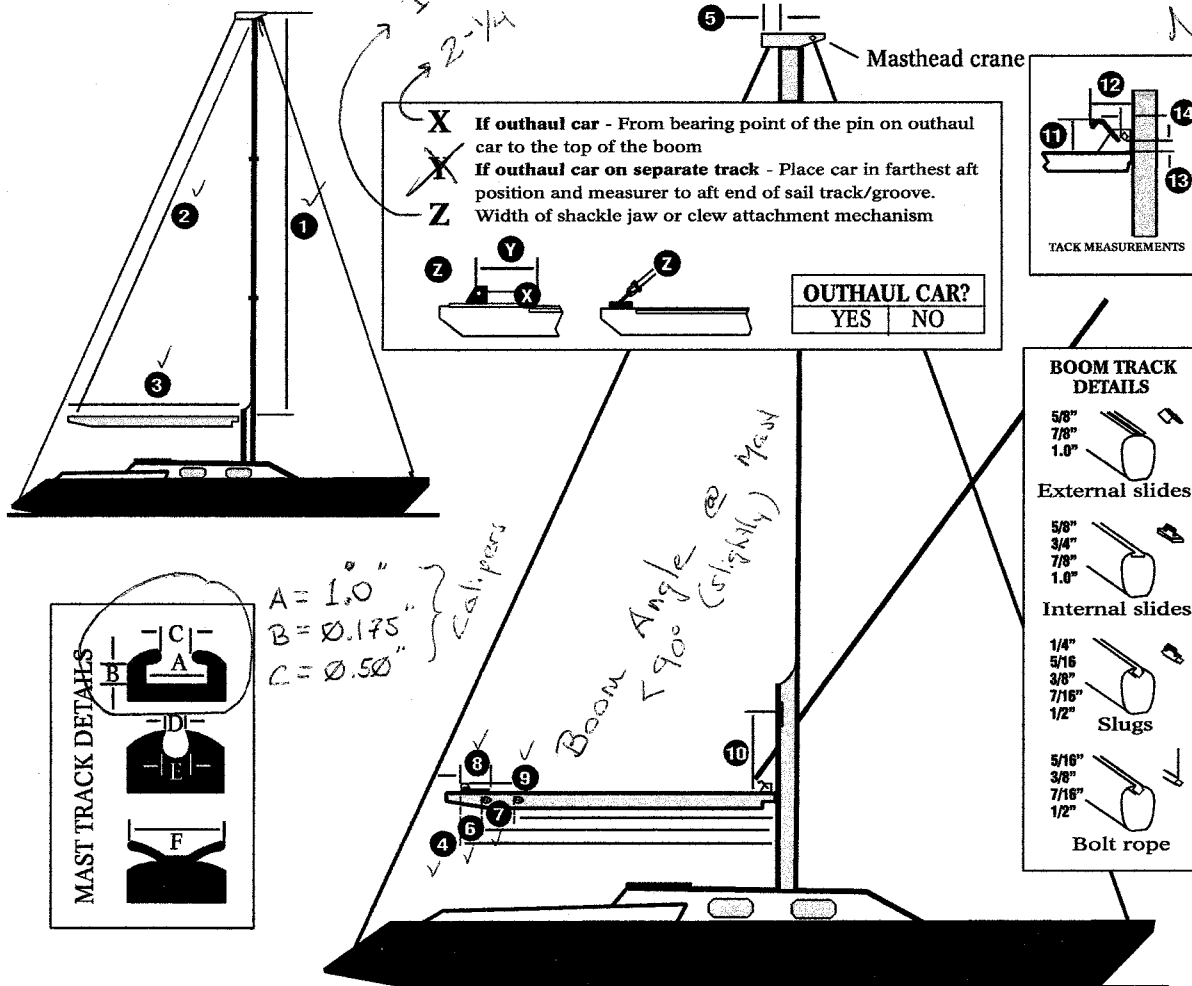


Mainsail Measurement Sheet

Pathfinder
Bristol 38.8
Nov. 2021



MEASURING TIPS. CHOOSE A CALM DAY IF POSSIBLE. STRETCH YOUR TAPE MEASURE AS TIGHT AS YOU CAN AND TAKE THE MEASUREMENT. IF NECESSARY MEASURE A FEW TIMES AND SEND US THE AVERAGE. DO NOT ALLOW FOR STRETCH, WE'LL DO THAT.

- | | | | |
|----|---------------|--|-----------|
| 1 | P DIMENSION | (max luff) hoist the halyard until it stops (to the sheave) – measure from that point to the top of the boom | 46' 3" |
| 2 | MAX LEECH | with the halyard at max hoist, measure to the top of the boom outhaul car* | 48' 0" |
| 3 | BACKSTAY | with the boom horizontal, measure from the back of the mast to the backstay | 17' 0" |
| 4 | E DIMENSION | (max foot) measure from the back of the mast to the clew attachment at its furthest aft location | 13' 11" |
| 5 | MAST CRANE | estimate the length of your mast crane – back of mast to end of crane | 0' 3" |
| 6 | REEF SHEAVE | measure from the back of the mast to the bearing surface of your first reef sheave** | 13' 2" |
| 7 | REEF SHEAVE | measure from the back of the mast to the bearing surface of your second reef sheave** | 10' 6" |
| 8 | OUTHAUL | measure the length of your outhaul track (see X, Y, Z diagram above) <u>in boom track</u> | N/A |
| 9 | CLEW SET UP | measure from the top of the boom to the bearing surface of the pin in the outhaul car | 0' 2-3/8" |
| 10 | FEEDER HT | measure from the top of the boom to feeder on the back of your mast <u>Bottom of Feeder</u> | 0' 7-1/4" |
| 11 | REEF HOOK HT | measure from the top of the boom to the bearing surface of the reef hook | 0' 12" |
| 12 | RH SET BACK | measure from the back of the mast to the bearing surface of the reef hook | 0' 3-1/2" |
| 13 | TACK SET UP | measure from the top of the boom to the bearing surface of the tack pin | 0' 1/2" |
| 14 | TACK SET BACK | measure from the back of the mast to the bearing surface of the tack pin | 0' 3" |

MAST TRACK DETAILS measure your track per the diagram

BOOM TRACK DETAILS measure your track per the diagram or discuss a loose-footed mainsail with your consultant

*you need to set your boom in a position so that it clears a bimini or boom gallows, and then measure it.

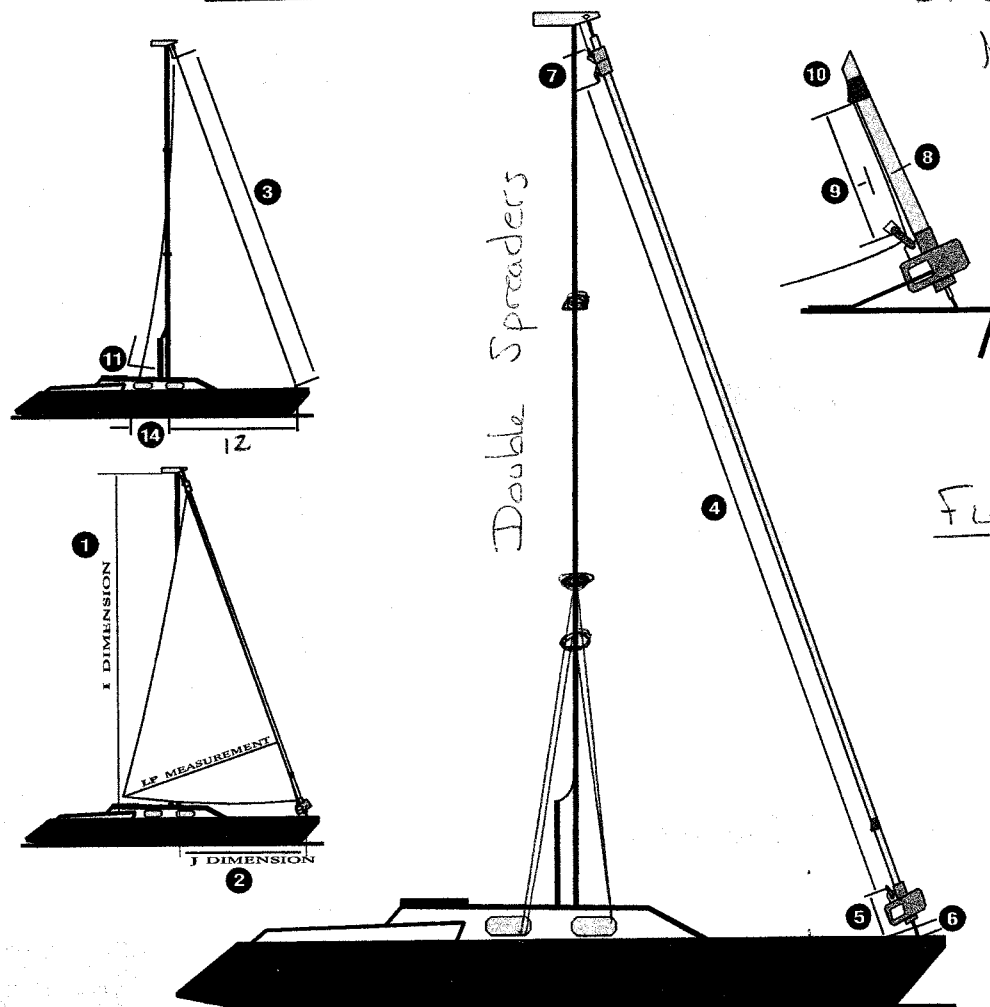
**if you don't have reef sheaves, please indicate what you have for reefing and give us the measurements.

— See Additional Notes —

Headsail Measurement Sheet

Genoa

Pathfinder
Bristol 38.8
Nov 2021



Furler
Harken
MKI
Size 2-2.5

MEASURING TIPS. CHOOSE A CALM DAY IF POSSIBLE. STRETCH YOUR TAPE MEASURE AS TIGHT AS YOU CAN AND TAKE THE MEASUREMENT. IF NECESSARY MEASURE A FEW TIMES AND SEND US THE AVERAGE. DO NOT ALLOW FOR STRETCH, WE'LL DO THAT.

- 1 I DIMENSION measure from the intersection of the forestay and the mast down to the deck (I) 51' 6"
- 2 J DIMENSION measure from the forestay attachment point at the deck to the front of the mast (J) 16' 9"
- 3 MAX LUFF (no furling) measure from the halyard attachment to the bearing surface of the tack attachment (for hanks) N/A
- 4 MAX LUFF (for furling) measure from the bearing surface of the swivel shackle, to the bearing surface of the drum shackle 50' 0"
- 5 DRUM HEIGHT measure from the bearing surface of the shackle to the center of the forestay pin 1' 3"
- 6 FORESTAY PIN measure from the center of the forestay pin to the deck 0' 2"
- 7 FURLING SWIVEL measure from the bearing surface of the halyard attachment to the bearing surface of the sail attachment 1' 1"
- 8 TACK SETBACK measure from the back side of the foil to the bearing surface of the tack shackle 0' 1-3/4"
- 9 FEEDER HEIGHT measure from the headsail tack attachment point to the bottom of the feeder 2' 8-1/4"
- 10 LUFF TAPE SIZE what kind of furling unit do you have, or do you have hanks? #6
- 11 CLEW HEIGHT what is your preferred clew height (low at lifeline height, or higher near boom height?)
- 12 TRACK POSITION measure from the forestay attachment point at the deck to the front of the Genoa track 19' 9"
- 13 TRACK POSITION measure from the swivel shackle (or halyard for hank-on) to the front of the Genoa track 49' 7"
- 14 TRACK LENGTH measure the length of your track 10' 0"
- 15 TRACK POSITION measure from the centerline of the boat to the track 3' 11"

MISC DETAILS

what color sunshield do you want? Which side of the sail do you want it on?

*pass the tape around the outside of the shrouds as the leech of the sail would.

TBD

Port

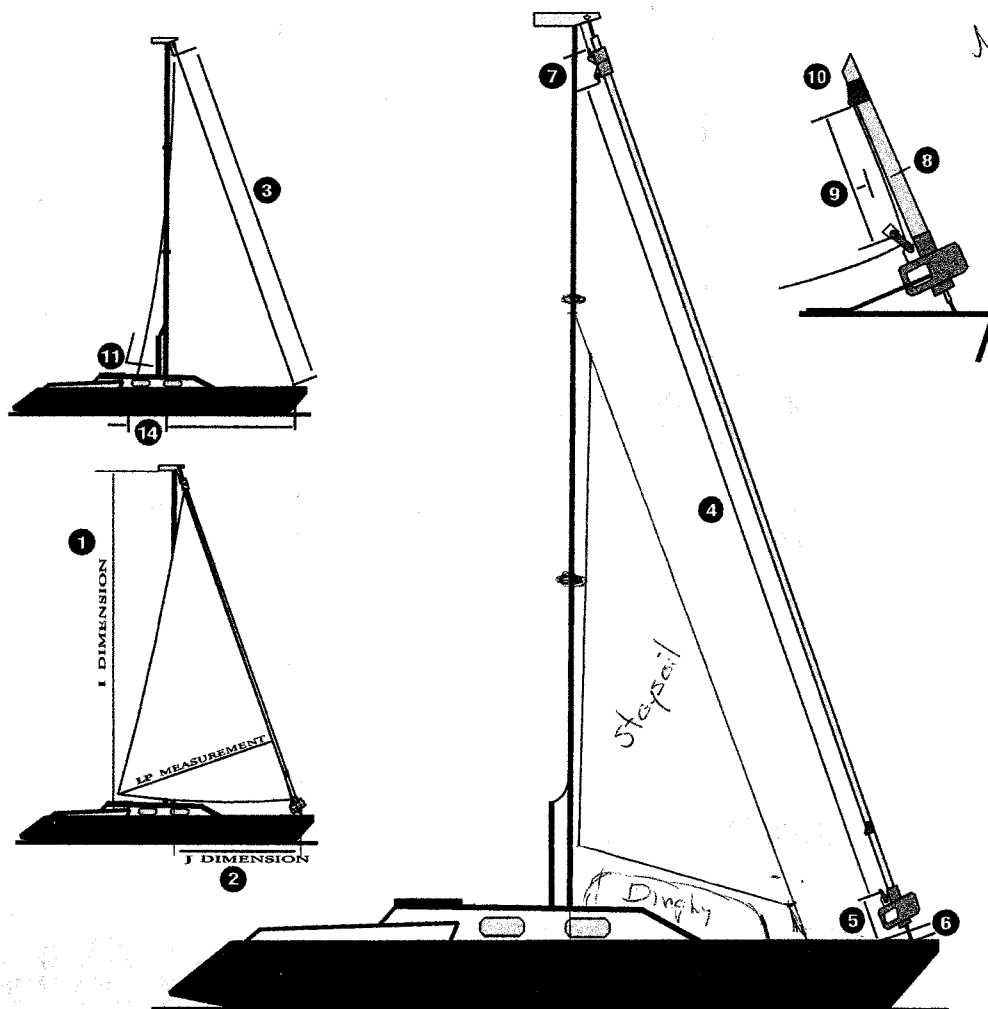
See notes
→ 5' 9 1/2" Front
→ 4' 1/2" back

Headsail Measurement Sheet

(Stay sail)

Pathfinder
Bristol 38.8

Nov 2021



MEASURING TIPS. CHOOSE A CALM DAY IF POSSIBLE. STRETCH YOUR TAPE MEASURE AS TIGHT AS YOU CAN AND TAKE THE MEASUREMENT. IF NECESSARY MEASURE A FEW TIMES AND SEND US THE AVERAGE. DO NOT ALLOW FOR STRETCH, WE'LL DO THAT.

- 1 I DIMENSION measure from the intersection of the forestay and the mast down to the deck 34' 11"
- 2 J DIMENSION measure from the forestay attachment point at the deck to the front of the mast 11' 8"
- 3 MAX LUFF (no furling) measure from the halyard attachment to the bearing surface of the tack attachment (for hanks) soft hanks 32' 3"
- 4 MAX LUFF (for furling) measure from the bearing surface of the swivel shackle, to the bearing surface of the drum shackle N/A
- 5 DRUM HEIGHT measure from the bearing surface of the shackle to the center of the forestay pin 2' 0" equiv.
- 6 FORESTAY PIN measure from the center of the forestay pin to the deck 0
- 7 FURLING SWIVEL measure from the bearing surface of the halyard attachment to the bearing surface of the sail attachment N/A
- 8 TACK SETBACK measure from the back side of the foil to the bearing surface of the tack shackle 0' 1-1/2"
- 9 FEEDER HEIGHT measure from the headsail tack attachment point to the bottom of the feeder N/A
- 10 LUFF TAPE SIZE what kind of furling unit do you have, or do you have hanks? Soft hank
- 11 CLEW HEIGHT what is your preferred clew height (low at lifeline height, or higher near boom height?) ←
- 12 TRACK POSITION measure from the forestay attachment point at the deck to the front of the Genoa track ←
- 13 TRACK POSITION measure from the swivel shackle (or halyard for hank-on) to the front of the Genoa track* ←
- 14 TRACK LENGTH measure the length of your track ←
- 15 TRACK POSITION measure from the centerline of the boat to the track ←

MISC DETAILS what color sunshield do you want? Which side of the sail do you want it on? N/A

* pass the tape around the outside of the shrouds as the leech of the sail would. → N/A

13D
↳ See notes