

5) Yes, we ask for a lot of information. This information allows us to cross check data supplied by you and is part of our quality control program that insures proper fitting sails. We do not necessarily need it all, as in the case where a customer supplies luff, leech and foot measurements for the sail.

Best regards,

Michael
Fareastsails

http://translate.google.com/translate_t

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Minimum Sail Manufacturing Requirements;

Please be sure to click all of the **HELP** topics below for each item so we are sure your sail is exactly the sail you wish.

If you are unable to click the below help topics for any reason, please contact us as these details are very important for performance sails.

I, J, P and E must ALWAYS be checked.

	- Mainsail -	3000331 Karl	
M0	Sail Layout	Not Yet Posted	
M1	Tack Cut Back (Aft face of Mast to center of tack Pin - A)	N/A	HELP
M2	Tack Cut Up (Top of Boom to Center of tack Pin - B)	N/A	HELP
M3	Clew Cut Up (Top of Boom to Center of Tack Pin - X)	N/A	HELP
M4	Clew type (slug, outhaul car or ring with strap)	Clew Block	HELP
M5	Sunbrella clew cover for Furling Mains	Yes (Color?) <i>Blau</i>	HELP
M6	Other Offsets		HELP
M7	Headboard	Webbing Loops	HELP
M8	Leech Line	yes	
M9	Foot Line	No	
M10	Tack Ring Type	Webbing Loops	HELP
M11	Tack angle	Furling Mainsail	HELP
M12	Jack Line	No	HELP
M13	Mast Bend (Luff Round)	Std	HELP
M14	Fractional Rig (Yes, No)	No	HELP

*CWM
396*

M15	Mast - Keel or Deck Stepped?	N/A	
M16	Number of Reefs	N/A	HELP
M17	Intermediate Reefing Diamond Eyes (Yes or No)	N/A	HELP
M18	Foot Reefing Grommets (next to boom)	N/A	HELP
M19	Reefing Ring Type	N/A	HELP
M20	Luff Length (Max Hoist - P) <i>VL</i>	??? Max (Net Finished size day of Delivery)	HELP
M21	Foot Length (Max Foot - E) <i>UL</i>	??? Max (Net Finished size day of Delivery)	HELP
M22	Leech Length (straight line head to clew)	Sailmaker	HELP
M23	Bimini to Clear (yes or no)		HELP
M24	Foot Round	Sailmaker	
M25	Aspect Ratio	Sailmaker	HELP
M26	Vessel Backstay Measurement	N/A	HELP
M27	Luff Slides (Part Number)	What size Luff Tape ???	HELP
M28	Foot Slides (Part Number)	Loose Footed	HELP
M29	Roach Type	Sailmaker	HELP
M30	Roach Factor	Sailmaker	HELP
M31	MGM	Sailmaker	HELP
M32	MGU	Sailmaker	HELP
M33	Batten Type (Partial or Full)	N/A	HELP
M34	Include Battens	N/A	
M35	Install Nylon Batten Holders	N/A	HELP
M36	Intermediate Sliders	N/A	HELP
M37	Cloth Weight	8.3	
M38	Cut Type	Cross	
M39	Sail Area	Sailmaker	
M40	Cunningham	No	HELP
M41	Telltails	Yes	HELP
M42	Triple Stitch	Yes	
M43	Sail Logo and Color (red, blue or black)	No	HELP
M44	Sail Logo Artwork	N/A	
M45	Sail Numbers and Color	No	HELP
M46	Draft Stripe and Color (red, blue or black)	Yes (Color?) <i>Blau</i>	HELP
M47	Overhead Leech Line	No	
M48	Specialty Sail	No	HELP

11.20

4.83

Ø 5.02


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AL

11.88

Mainsail Bolt Rope Tape


3 Strand Dacron Bolt Rope double sewn into Polyester Sailcloth Tape



Part #	Rope Diameter	Tape Width	Fabric Weight	Finished Size
HR4	1/4"	3"	6 oz.	8.3 mm
HR5	5/16"	4"	8 oz.	9.96 mm
HR6	3/8"	4"	8 oz.	10.92 mm

Mainsail HL 5

Premium Luff Tape



Part #	Tape #	Fabric Weight	Stitching Color Code	Finished Size
HL4	#4	6 oz.	Yellow	3.75mm .15" 5/32"
X HL5	#5	6 oz.	Red	5.0mm .19 3/16"
HL6	#6	6 oz.	White	5.5mm .21 7/32
HL7	#7	6 oz.	Brown	6.5mm .25 1/4"
HL8	#8	6 oz.	Blue	7.3mm .28 9/32

Non Standard Sizes Below

HM6	#6	8 oz.	White	5.75mm .22 15/64
HM7	#7	8 oz.	Brown	6.66mm .26 17/64
HM8	#8	8 oz.	Blue	7.5mm .29 19/64
HM9	#9	8 oz.	Green	8.76mm .34 11/32

Tip! Use a drill bit the same size as the finished size and insert this in the extrusion to check the fit.

If you can just fit a 7mm drill bit into the extrusion then you should order a luff tape 1 to 1.5 mm less than the maximum size that will fit in the extrusion. This will allow the luff tape to easily slide up the furler. The most common luff tape is #6 (5.5mm finished size). Most customers check their furler manuals and also measure their existing luff tape as a double check.



Also note that most luff tapes have a tracer color sewn along the tape edge. While this may vary from country to country, it could offer another confirmation of the size.

Also note that tape is supplied from the manufacturer and sold in metric measurements. So, mm is the spec and the other numbers are approximate conversions.

If ordering a size other than #6 (5.5mm finished size), beware and double check.

Slides are normally webbed on as in the below example, as sailmakers, this is the better more professional installation. If you want shackles, please advise. Sometimes shackles are better in the case when a customer is unsure of his slide selection.

M49	Boom Cover	No	HELP
M50	Lazy Bag	No	HELP

	- Headsail -	3000331 Karl	
H0	Sail Layout	Not Yet Posted	
H1	Size of Headsail (110, 135, 150 etc.)"	38m2	HELP
H2	Luff Length, Max Hoist, B measurement	??? webbing loop tip to webbing loop tip (Max) (Net Finished size day of delivery)	HELP
H3	Leech Length	sailmaker	HELP
H4	Foot Length	sailmaker	HELP
H5	Tack and Head Fittings	Webbing Loops	
H6	Clew Type (Press ring or O-Ring)	Press Ring	HELP
H7	Leech Line	Yes	
H8	Reefs for Hank on Sail (specify Qty of tiedowns)	No Manual Reefs	
H9	Foot Line	Yes	
H10	Track 1 (Tack to Genoa Track Beginning)	??? Fix 	HELP
H11	Track 2 (Tack to Genoa Track Ending)	??? 	HELP
H12	Vessel "I" Measurement	???	HELP
H13	Vessel "J" Measurement	???	HELP
H14	Calculated Forestay Length	N/A	
H15	Reef	N/A	
H16	LP	Sailmaker	HELP
H17	Color of Suncover	??? CWM396	HELP
H18	Side of Sail for Suncover (<u>port</u> or <u>Stbd</u>)	???	
H19	Luff Tape Size (such as #6)	???	HELP
H20	Furler Manufacturer	??? Foto	
H21	Foam Luff	Yes	HELP
H22	Cut Type	Cross	
H23	Sail Area	Sailmaker	
H24	Telltails	Yes	HELP
H25	Telltail Window	No	
H26	Triple Stitch	YES	
H27	Logo	No	HELP

7.67m

10.60m
4.50m

Blau
Stb
HL 6 5/8

?

H28	Cloth Weight	8.3	
H29	Sail Numbers and Color (red, blue or black)	No	HELP
H30	Sheeting Stripe (red, blue, black)	No	HELP
H31	Draft Stripe Color (red, blue or black)	Yes (color ?) <i>Blau</i>	HELP
H32	Clew Height off Deck	sailmaker	HELP
H33	Tack Height off Deck	???	HELP
H34	Luff tape starts ??? up from Tack	???	HELP
H35	Specialty Sail	No	HELP
	Customer Note: All details we can check as sailmakers are based on accurate vessel I and J Measurements		HELP

CWM396

2/3 - 1/3
~~2/3~~

Mainsails;

Luff Slides or bolt rope, need slide number or finished bolt rope size, please see help topics.

Foot Slides or bolt rope, need slide number or finished bolt rope size, please see help topics.

Requested Luff Length
Requested Foot Length

Sails stretch 1.5 percent over their 7 to 10 year life. The term MAXLUFF is used to represent the stretched size, the term NETLUFF is used to be the size out of the shipping box the day you receive the sail.

If you do not advise MAXLUFF or NETLUFF, we assume all sail measurements you supplied are MAX measurements.

If you do not specify a MAXLUFF or MAXFOOT or NETLUFF or NETFOOT, we will then assume that P=MAXLUFF and E=MAXFOOT

We need location of the center of tack pin A and B per the attached.

We need height of clew pin above boom X, please see attached. If you have a special metal clew slug, please advise. We don't need X if your sail uses a slug. We need X,Y and Z if you have an outhaul car.

Sail Measurements we provide are always sail edge to sail edge pulled to normal sailing tensions.

Headsails;

We need the Maxluff or NetLuff for all furlers. See help topics.

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If you do not advise MAXLUFF or NETLUFF, we assume all sail measurements you supplied are MAX measurements.


We need the side of the sail that should receive the suncover (port or starboard). If you reduce sail by turning the furler counterclockwise, the suncover goes on the

Headsail

HL6

Premium Luff Tape



Part #	Tape #	Fabric Weight	Stitching Color Code	Finished Size		
HL4	#4	6 oz.	Yellow	3.75mm	.15"	5/32"
HL5	#5	6 oz.	Red	5.0mm	.19	3/16"
HL6	#6	6 oz.	White	5.5mm	.21	7/32" 
HL7	#7	6 oz.	Brown	6.5mm	.25	1/4"
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HM8	#8	8 oz.	Blue	7.5mm	.29	19/64
HM9	#9	8 oz.	Green	8.76mm	.34	11/32

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Also note that most luff tapes have a tracer color sewn along the tape edge. While this may vary from country to country, it could offer another confirmation of the size.

Also note that tape is supplied from the manufacturer and sold in metric measurements. So, mm is the spec and the other numbers are approximate conversions.

If ordering a size other than #6 (5.5mm finished size), beware and double check.

Slides are normally webbed on as in the below example, as sailmakers, this is the better more professional installation. If you want shackles, please advise. Sometimes shackles are better in the case when a customer is unsure of his slide selection.

Head sail

Head sail

Haße

T VL

13.28

AL

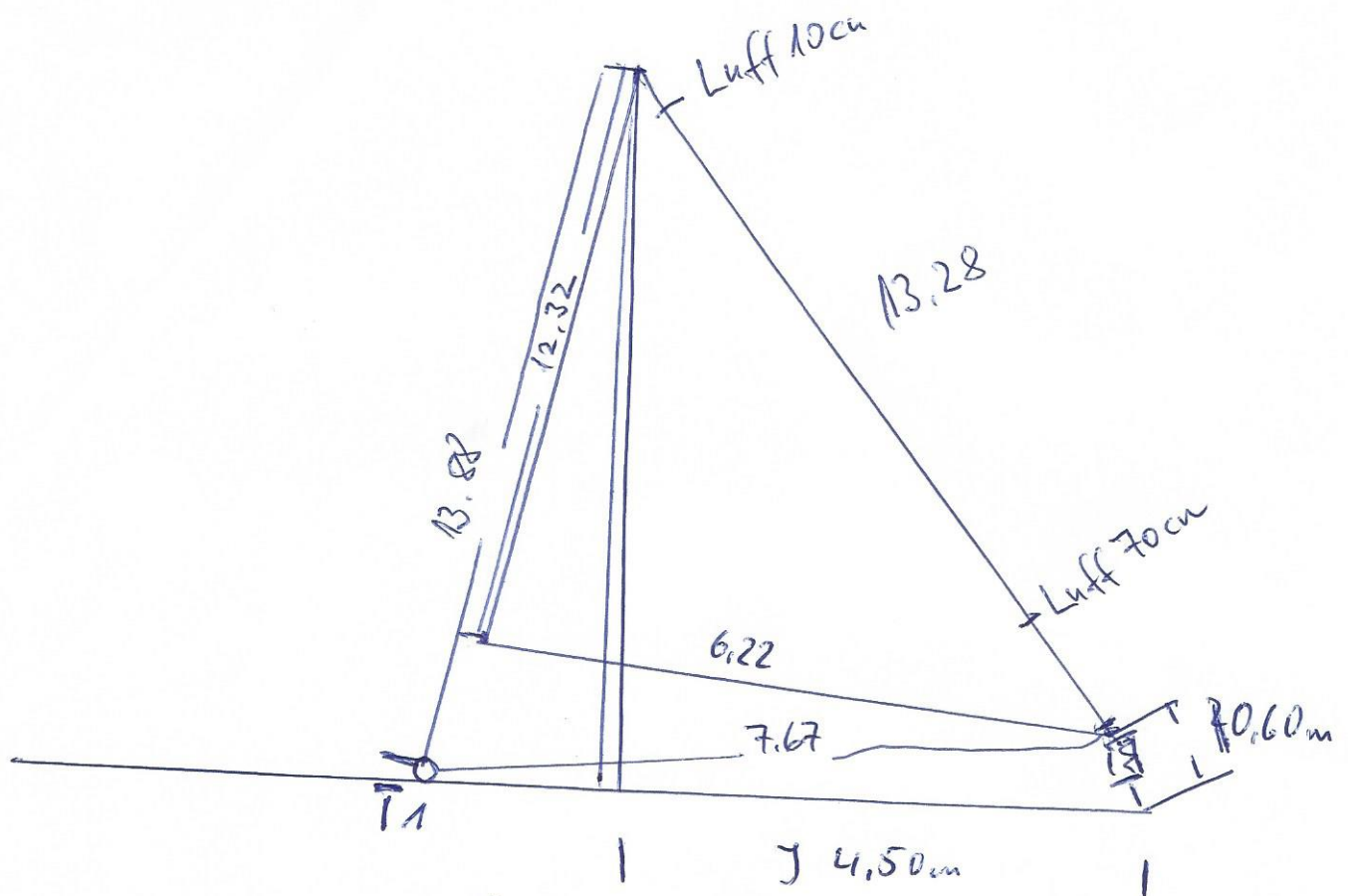
12.32

62

6.22

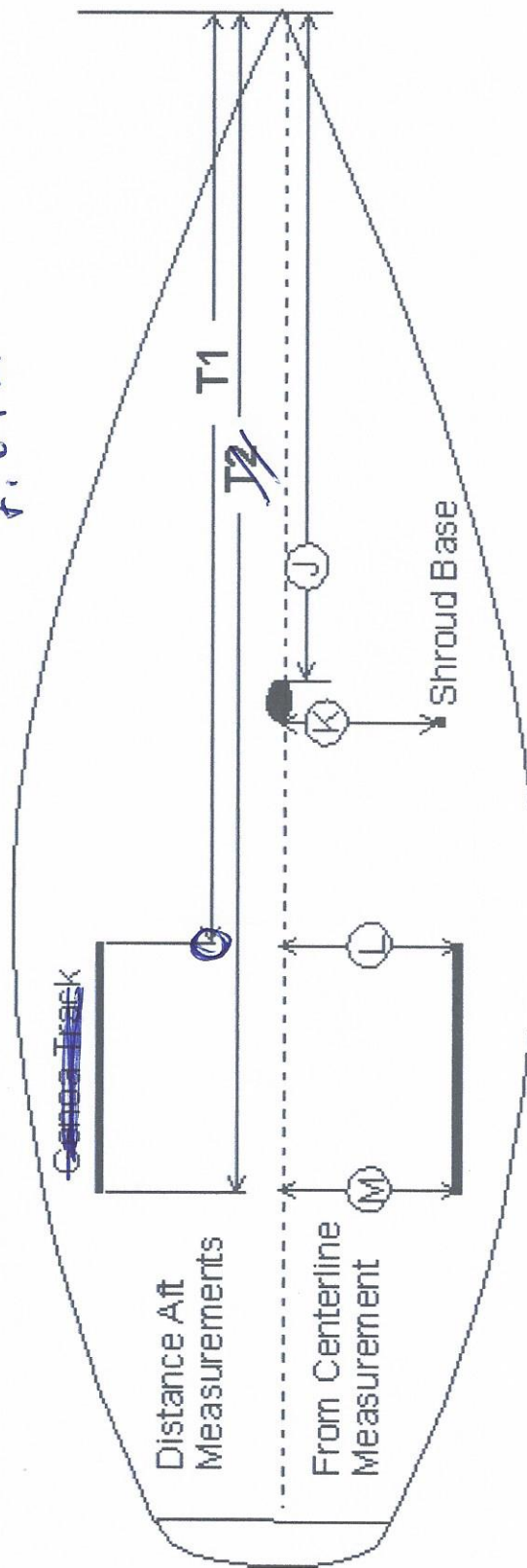
Luff

~~0~~ 5.75



Schothorn Foto?

T1 Fix
7.6 km



Hu



Far East
SAILMAKERS

Factory Direct Premium
Custom Sails

Standard U/V Acrylic Colors

1417

WeatherMax® 80

Fabric Properties

- Solution Dyed SaturaMax® Polyester
- Excellent Fade and Weather Resistance
- Over 99% UV Blockage
- High Water Repellency
- Breathable
- Fused Edges
- 5 Year Warranty

Order Information

- 60" Width, 8 oz per sq/yd
- 75 Yards per Roll

* Indicates premium colors.



Other Sunbrella Colors;

Tresco Brick
Wheat
Pacific Blue
Hemlock Tweed
Erin Green
Linen
Forest Green
Captain Navy
Jockey Red
Burgundy
Tan
Black Cherry (Used on Tanbark Sails)



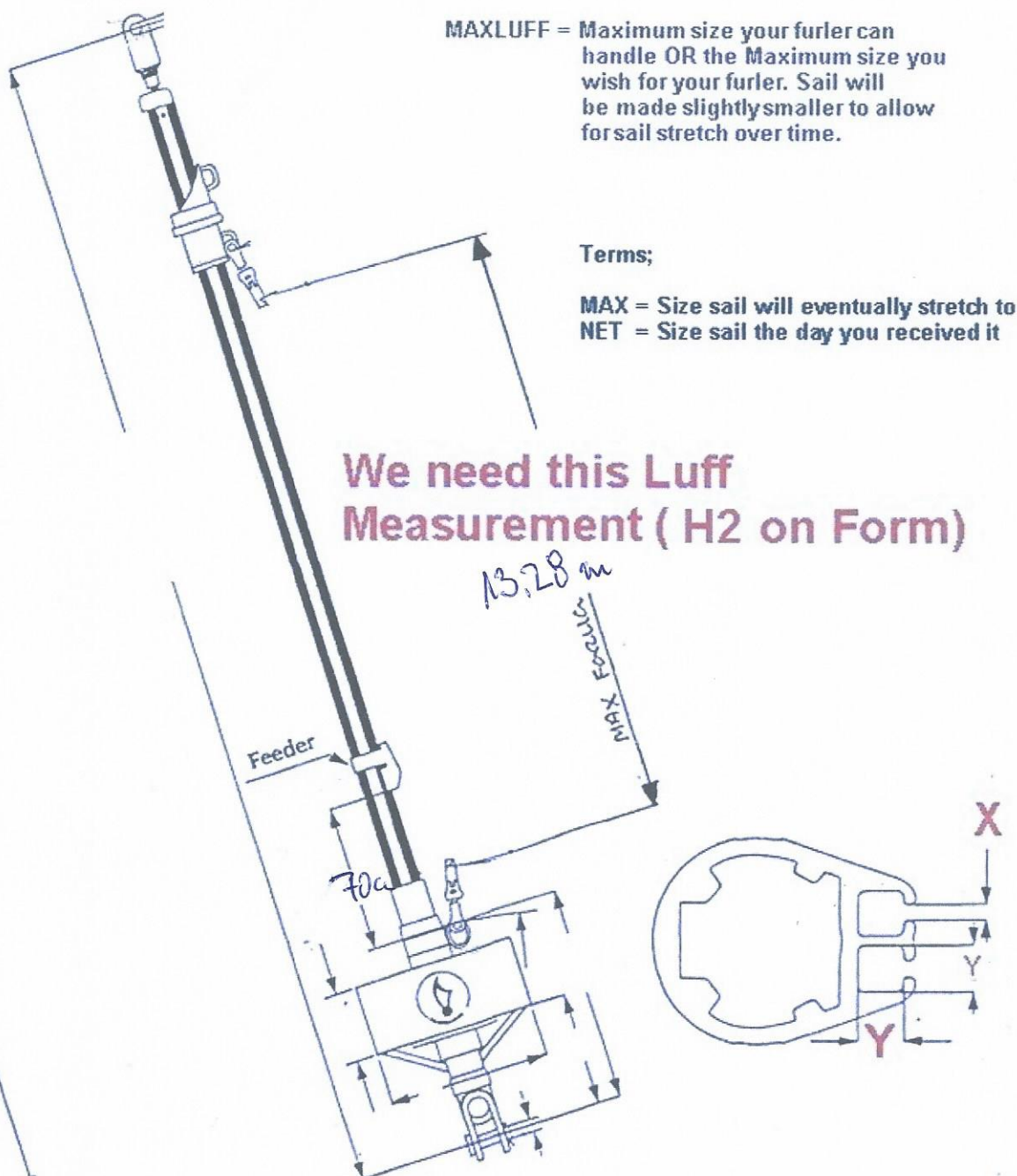
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Custom Sails

H2

Furler Luff Measurement;

Normally the H2 measurement below is very close to the vessels "I" measurement. If you note some differences it might be a good idea to double check. H14 is what we calculate the length of the forestay to be based on the supplied I and J Vessel Measurements. So, your H2 + H33 should never be more than the calculated forestay length. Keep in mind boats all have curves, bowsprits and raked masts, so this is not an exact thing, but this normally holds true 95 percent of the time.



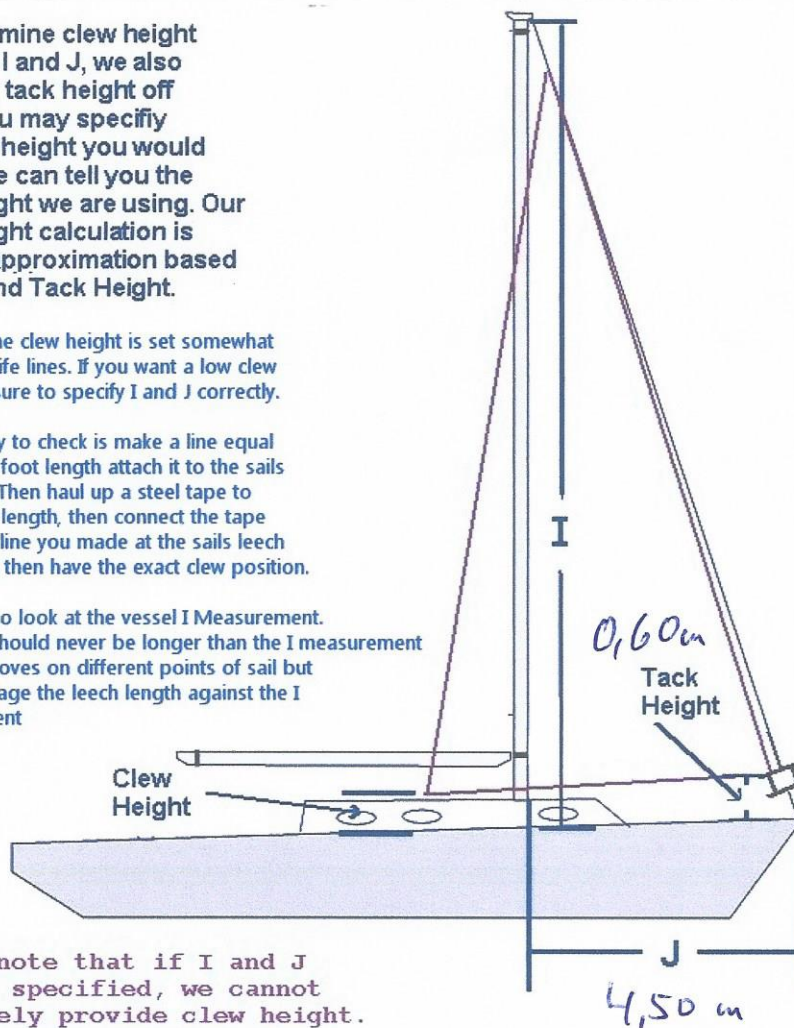
H 33
H 34

To Determine clew height we need I and J, we also need the tack height off deck. You may specify the clew height you would like or we can tell you the clew height we are using. Our clew height calculation is a close approximation based on I, J and Tack Height.

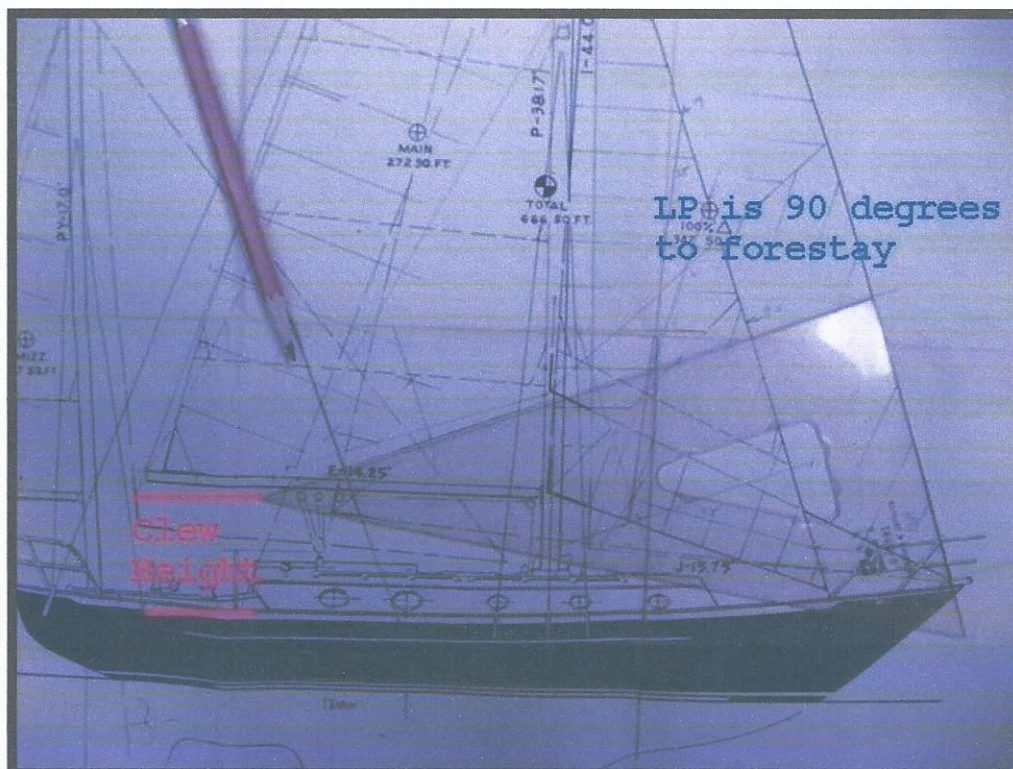
Normally the clew height is set somewhat above the life lines. If you want a low clew please be sure to specify I and J correctly.

A good way to check is make a line equal to the sails foot length attach it to the sails tack point. Then haul up a steel tape to the sail luff length, then connect the tape to the foot line you made at the sails leech length. You then have the exact clew position.

You can also look at the vessel I Measurement. The leech should never be longer than the I measurement. The clew moves on different points of sail but you can gauge the leech length against the I Measurement



Please note that if I and J are not specified, we cannot accurately provide clew height. Vessels often vary from the designers I and J drawings, you should always confirm these measurements at the actual vessel





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Factory Direct Premium
Custom Sails

Standard U/V Acrylic Colors

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Order Information

- 60" Width, 8 oz per sq/yd
- 75 Yards per Roll

* Indicates premium colors.

 Black CWM355	 Burgundy* CWM338	 Cardinal Twd* CWM406	 Scarlet* CWM374	 True Red* CWM344
 Graphite CWM378	 Captain Navy* CWM354	 Sapphire Twd* CWM396	 Cobalt* CWM379	 Pacific CWM346
 Forest Twd* CWM397	 Forest Green CWM342	 Toast CWM348	 Sand CWM376	 Yellow CWM352
 Light Charcoal CWM334	 Taupe CWM377	 Beige CWM389	 Silver CWM382	 White CWM371

Other Sunbrella Colors;

CWM 396

Tresco Brick
Wheat
Pacific Blue
Hemlock Tweed
Erin Green
Linen
Forest Green
Captain Navy
Jockey Red
Burgundy
Tan
Black Cherry (Used on Tanbark Sails)



Far East
SAILMAKERS

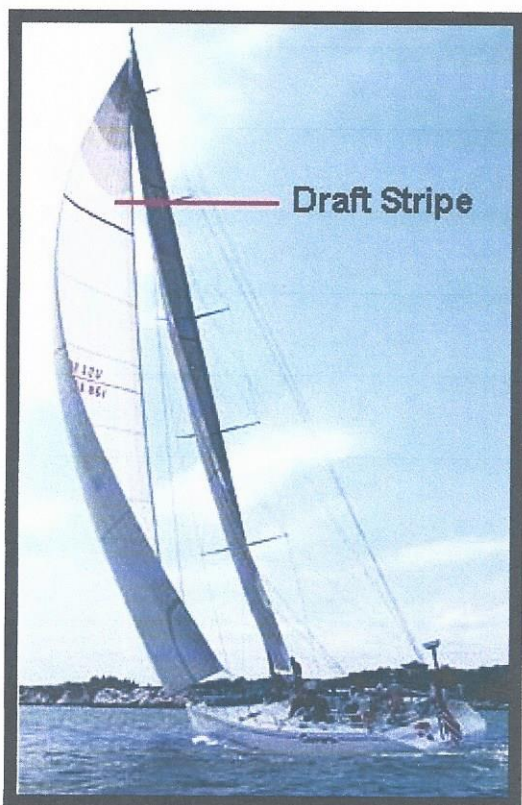
Factory Direct Premium
Custom **Sails**

Draft Stripes;

M 46

Draft Stripes are used to help the sailor visualize the draft or the curve of the sail. They are used similar to telltails, in that they are a visual indicator of sail set.

Colors available are Red, Blue and Black.



Blue