

a plate. See Rule 2.5.11.

- 8.30 Winches, tackles, levers and other devices not specifically prohibited are permitted for any purpose on board, except for the adjustment of shrouds and forestay.
- 8.40 The method of sheeting the mainsail and headsails is optional except that fittings for sheets shall be placed so that they do not protrude outboard of the sheerline.
- 8.50 Hydraulic equipment is prohibited.

9. SAILS

9.10 General

9.11 Sails shall be made and measured in accordance with the ISAF Equipment Rules of Sailing, (ERS) 2005 - 2008, except where varied herein.

9.12 The body of the sails shall be of single ply construction. Mainsail and headsails shall be made of woven polyester cloth. Spinnakers may be made of woven polyamide cloth or woven polyester cloth. The sizes of the reinforcements are optional. The weight of the cloth used in the construction of each sail shall be within the limits specified below, or the list of equivalent thicknesses in the Equipment Rules of Sailing

Mainsail, Headsail (formerly headsail number 1):	270g/m ² minimum 304g/m ² maximum
Genoa:	150g/m ² minimum 304g/m ² maximum
Spinnaker:	38g/m ² minimum

Note: A sail may be made of different cloth weights within the above limits. The weight in g/m² of the body of the sail shall be indelibly marked by the sailmaker together with his signature, stamp, or sailmaker label, and the date near the tack (in spinnakers near the head).

- 9.13 Non-woven transparent panels are permitted in each sail excluding spinnakers. The total area of the panels in each sail shall not exceed 1.2m². No part of such a window shall be closer to the luff, leech or foot than 150mm.
- 9.14 The Class Insignia as shown below shall be positioned on the mainsail in accordance with RRS Appendix G. For sails first certified prior to 1st May 2011 the insignia or just a letter D may be used.



(The Insignia is available in an electronic format from the IDA Secretary)

The Height of the insignia shall not be less than 495 mm

The mainsail and spinnaker shall display national letters and sail numbers in accordance with RRS Appendix G1.3. Headsails do not require identification as RRS appendix G 1.3(e) shall not apply.

- 9.15 Double-luffed sails (except as permitted in rules 9.34 and 9.43) and loose-footed mainsails are prohibited.
- 9.16 Each sail shall have an official IDA royalty label permanently fixed near to its tack for the jib, genoa and mainsail and its head for the spinnaker. No sail shall be accepted for certification control without an IDA royalty label. The measurer shall sign across the label and sail. Labels shall only be available from the IDA Secretary
- 9.20 Mainsail
- 9.21 The mainsail shall comply with the measurements on the measurement diagram and rule 9.12.
- 9.22 Cross widths shall be measured between a point on the leech and to the nearest point on the luff (including the bolt rope), found as follows:

The upper – point of the leech is located at 410 mm from the head-point (see diagram).

The three-quarter point of the leech is located at 2370 mm from the head (see diagram)

The mid-point of the leech is located at 4750 mm from the head (see diagram)

Hollows in the leech in the way of measured points shall be bridged.

- 9.23 There shall be four batten pockets on the leech of the sail, each within 127mm of the respective point which divides the leech into five equal parts. Strengthening patches on the inner end of each batten pocket may be self-adhesive.
- 9.24 The lengths of the batten pockets shall not exceed:
- | | |
|------------|-------|
| Top | 650mm |
| Middle two | 950mm |
| Bottom | 650mm |
- 9.25 No part of the sail shall extend beyond the inner edge of the boom measurement band or the lower edge the upper mast measurement band. The line of the top of the boom shall not be below the upper edge of the lower mast measurement band. The luff and the foot of the sail shall have bolt ropes which shall be within the full length of the relevant spar grooves while racing.
- 9.30 Genoa
- 9.31 The genoa shall comply with the measurements on the measurement diagram and rule 9.12.
- 9.32 The distance from the head to the mid-point of the foot shall not exceed the average of the length of the luff and leech by more than 30mm. The mid-point of the foot is equidistant from the tack point and the clew.
- 9.33 The foot of the genoa shall be nowhere concave.
- 9.34 The genoa may enclose the forestay but not more than one zip shall be used and provided the sail can be attached and removed without disconnecting the forestay. A sail enclosing the forestay shall be measured with the zip closed and the width of the luff pocket so formed shall not exceed 60mm. Chafing patches may be self-adhesive.
- 9.40 Headsail
- 9.41 The headsail shall comply with the measurements on the measurement diagram and rule 9.12
- 9.42 Two batten pockets are permitted on the leech of the headsail, each not exceeding 350mm in length, dividing the leech into equal parts with a tolerance of 100mm.
- 9.43 The headsail may enclose the forestay provided the sail can be attached and removed without disconnecting the forestay. A sail enclosing the forestay shall be measured with the zip closed and the width of the luff pocket so formed shall not exceed 60mm. Chafing patches may be self-adhesive.
- 9.50 Spinnaker
- 9.51 The spinnaker shall be a three cornered sail symmetrical about its centreline and shall comply with the measurements on the measurement diagram and rule 9.12. The spinnaker shall not embody any device capable of altering its shape except that a retrieving line attached to the vertical centerline of the sail is permitted and is to be used for the sole purpose of withdrawing the sail while it is being lowered.
- 9.52 The luffs and the foot shall be taped with stretch resistant tape.
- 9.53 The dimension of the attachment of the swivel or, the cringle at the head of the spinnaker and which is within the sail, shall not exceed 38mm. The horizontal dimensions of any device or fitting at the head of the spinnaker shall not exceed 38mm.
- 9.54 Measurements on the centrefold shall be taken with tensions applied at the head and centre of the foot sufficient just to remove the wrinkles across the line of measurement.
- 9.55 Not more than two spinnakers shall be on board while racing.

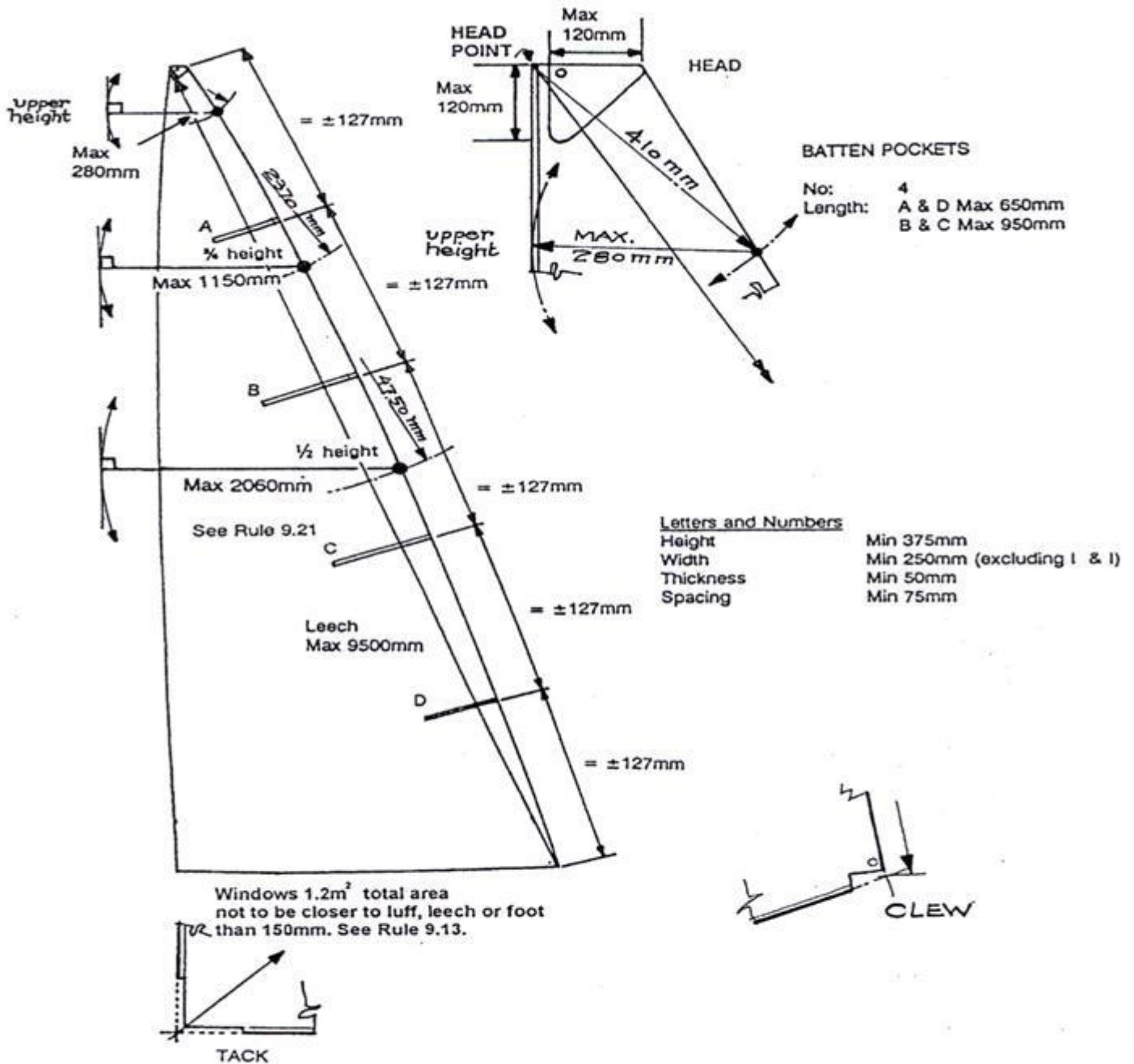
10. WEIGHT OF YACHT

- 10.10 The weight of the hull, shall not be less than 1650kg weighed complete with floor boards, seats, pumps and all fittings normally used on board whilst racing but excluding the following: Mast and boom with their fittings, spinnaker boom, standing rigging, halyards and sheets, loose equipment and electric bilge pump batteries. The equipment included in the weight of not less than 1650kg shall not thereafter be removed whilst racing.
- 10.11 The weight of the yacht that is the hull complete as stated in Rule 10.10 excluding other equipment listed in rule 11 and together with the mast, boom, spinnaker boom and their fittings, standing and running rigging and one set of sheets for each of the headsail, mainsail and spinnaker shall be not less than 1700kg
- 10.12 The weight of the yacht as shown on the measurement form shall clearly show whether the helmsman's and/or crew seats have been included (for boats measured after 1st March 1996).

Swing Test

Rule 9.20

Mainsail

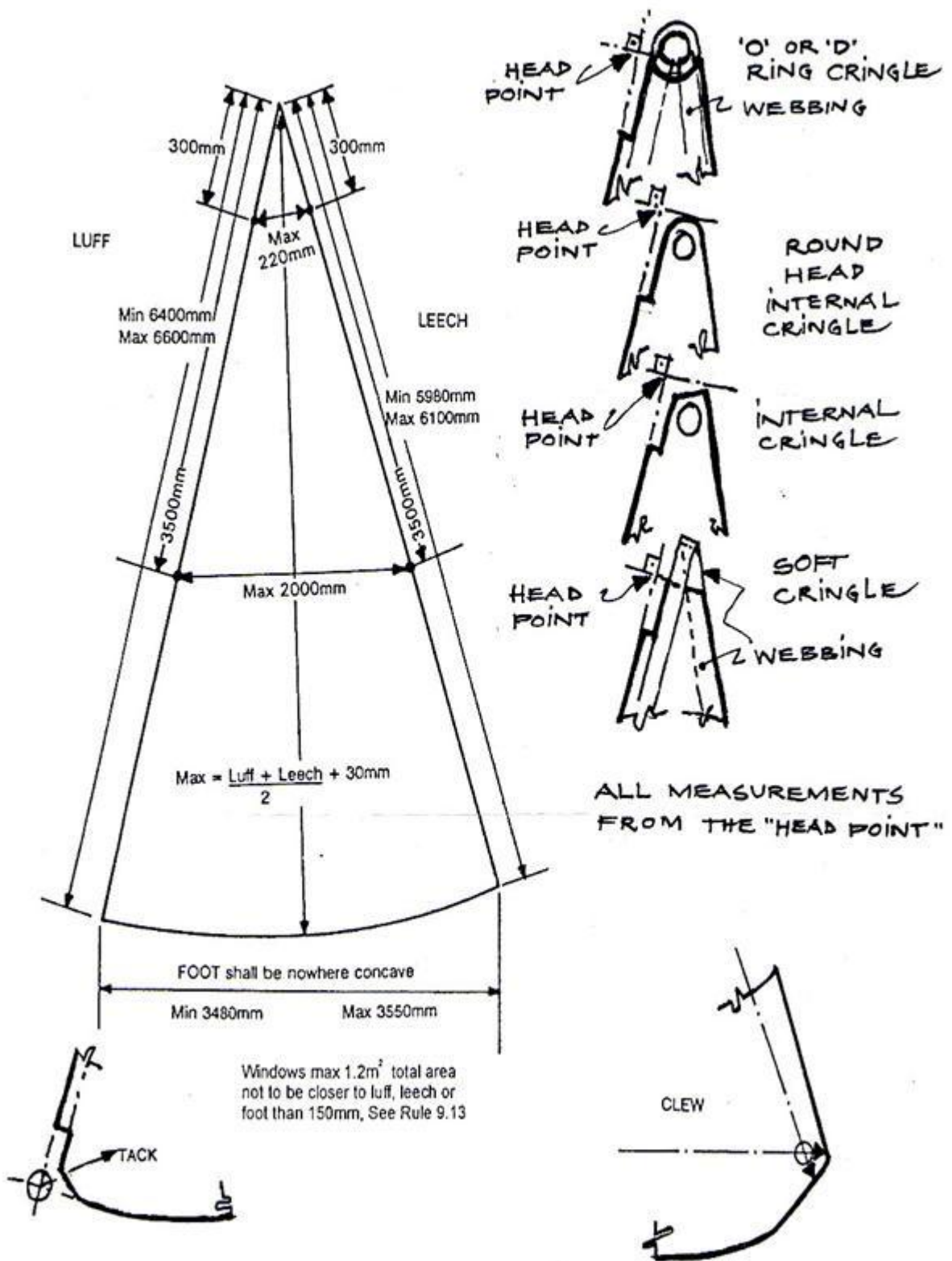


SAILMAKER'S MARK Max 150 x 150mm and within 520mm of the TACK

For sails first measured before 01 March 2002 where the half and three quarter heights are found by folding; see diagram in 2001 Class Rules.

Rule 9.30

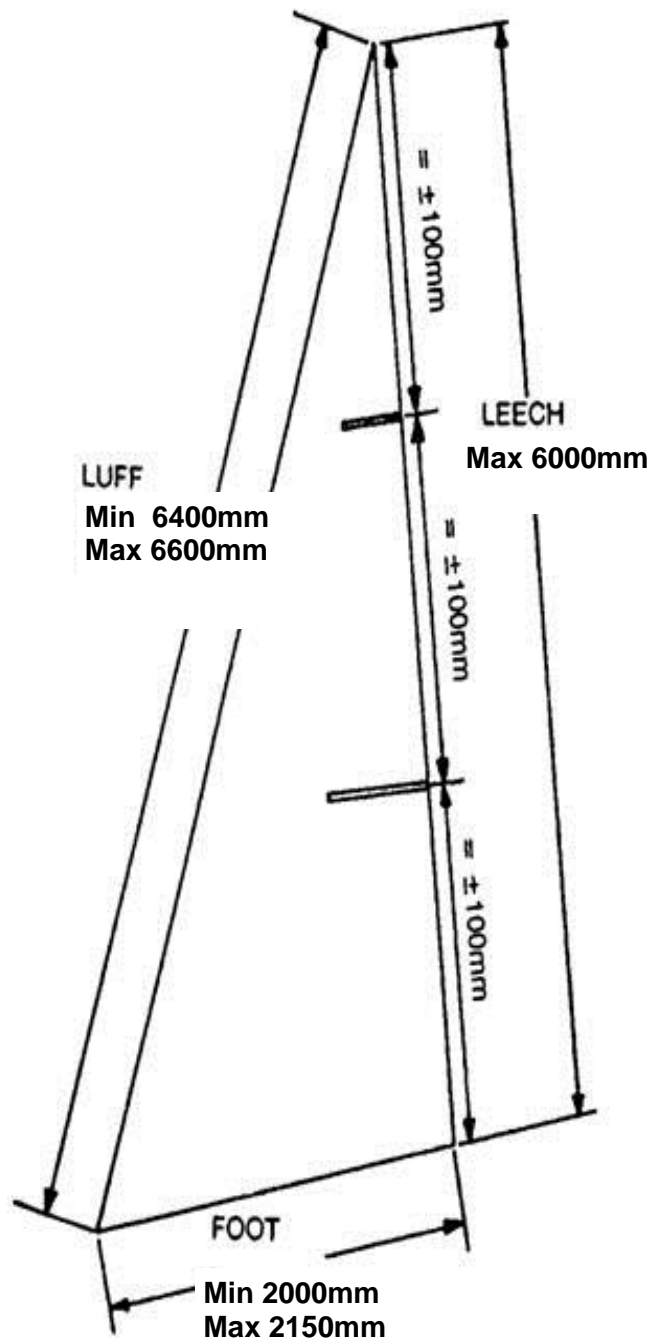
Genoa



SAILMAKER'S MARK Max 150 x 150mm & within 530mm of the TACK

Rule 9.40

Headsail



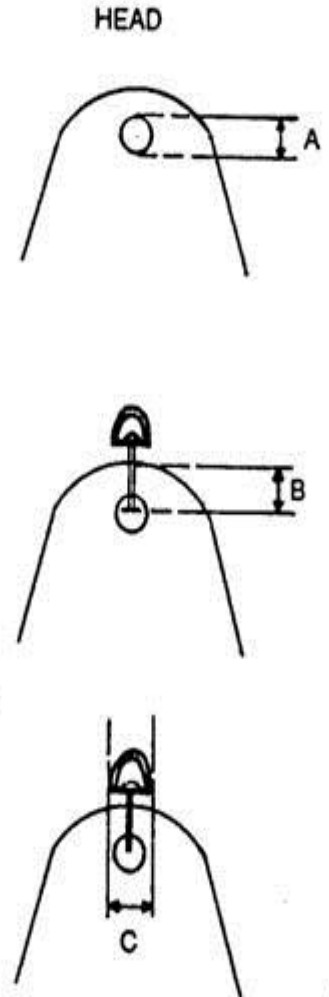
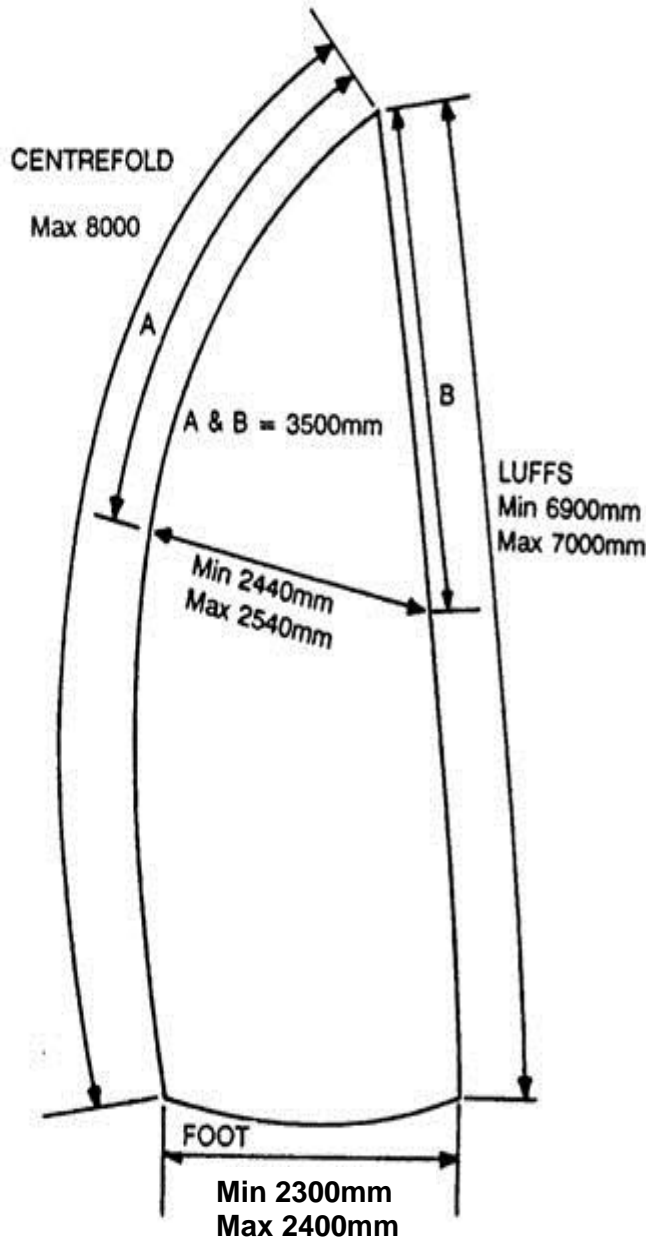
BATTEN POCKETS
No: Max 2
Length: Max 350mm

WINDOWS max 1.2m² total area, not to be closer to luff, leech or foot than 150mm. See Rule 9.13

SAILMAKER'S MARK Max 150 x 150mm & within 320mm of the TACK

Rule 9.50

Spinnaker



RULE 9.53

- A & B** Max 38mm. Cringle or swivel attachment within the sail.
- C** Max 38mm. Horizontal dimension of any fitting or device.

SAILMAKER'S MARK Max 150 x 150mm

LETTERS AND NUMBERS

Height	Min 375mm
Width	Min 250mm (excluding l and 1)
Thickness	Min 50mm
Spacing	Min 75mm