



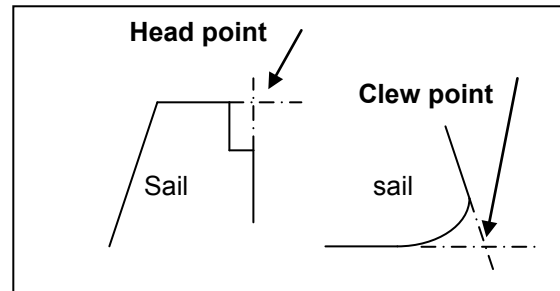
Mainsail Measurement

What is being measured? **Half width, three quarter width and upper width.** (MHW, MTW, MUW)

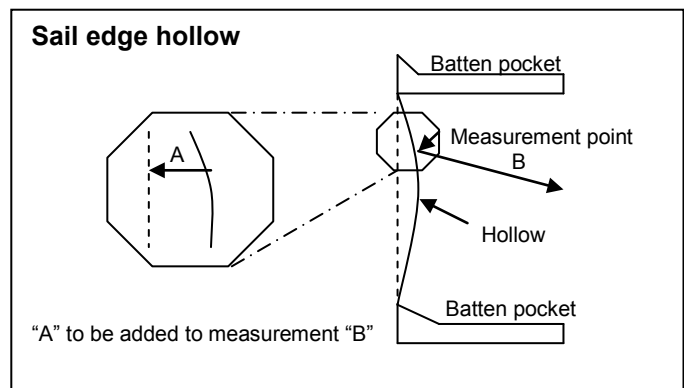
What are these? The distances from the **half, three quarter, and upper leech points** to the **luff**.

In practice:

1. Lay the sail out flat on a suitable floor.
2. Establish **head point** and **clew point** as shown by the diagram.
3. Fold the **head point** to the **clew point**. Mark the fold in the **leech**. That is **half leech point** (for MHW)
4. Fold the **head point** to the **half leech point**. Mark the fold. That is **three quarter leech point** (for MTW)
5. Fold the **head point** to the **three quarter leech point**. Mark the fold. That is **seven eighths leech point** (for MUW)
6. Measure from each **leech point** to the nearest point on the **luff**. These distances are the **mainsail widths**.
7. Check for **sail edge hollows**



8. Add any **hollow** (A) to each measured **Width** (B) to get the final **widths**.



References:

Equipment Rules of Sailing. <http://www.sailing.org/documents/equipmentrules/index.php>

G.4.1 and G.4.2 define **Clew Point** and **Head Point**.

G.5.2, G.5.3 and G.5.4 define **Half Leech Point**, **Three Quarter Leech Point** and **Seven Eighths Leech Point**

G.7.5, G.7.6, and G.7.7 define **Half Width**, **Three Quarter Width** and **Seven Eighths Width**.

G.2.4 and H.5.2 address **Sail Leech Hollows**.