



futures.  
*T. Patterson*

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**FIN PLACEMENT TOOL**

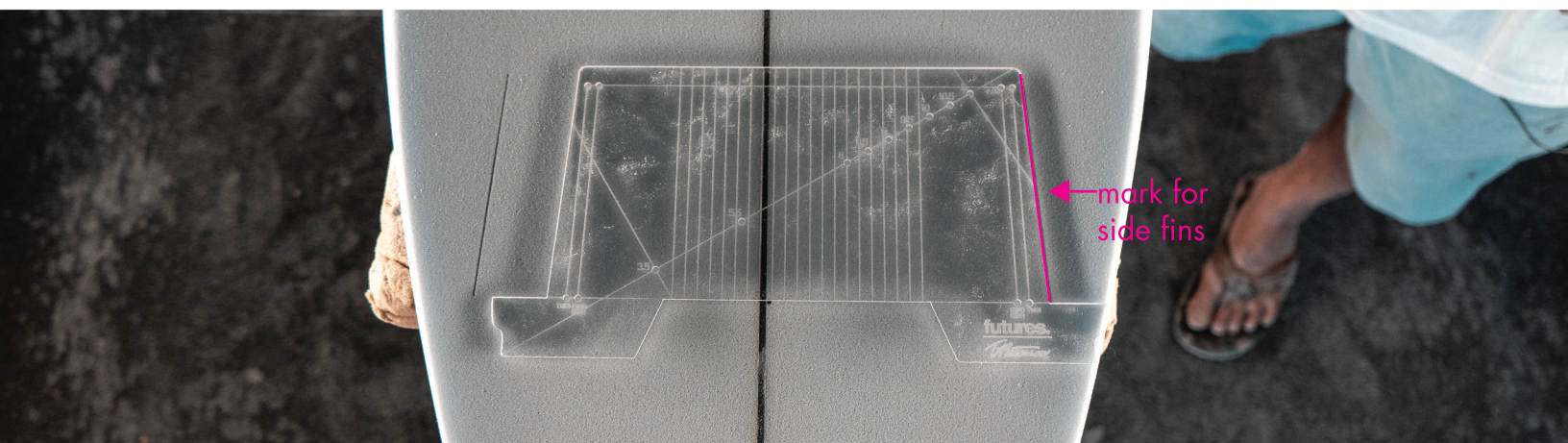
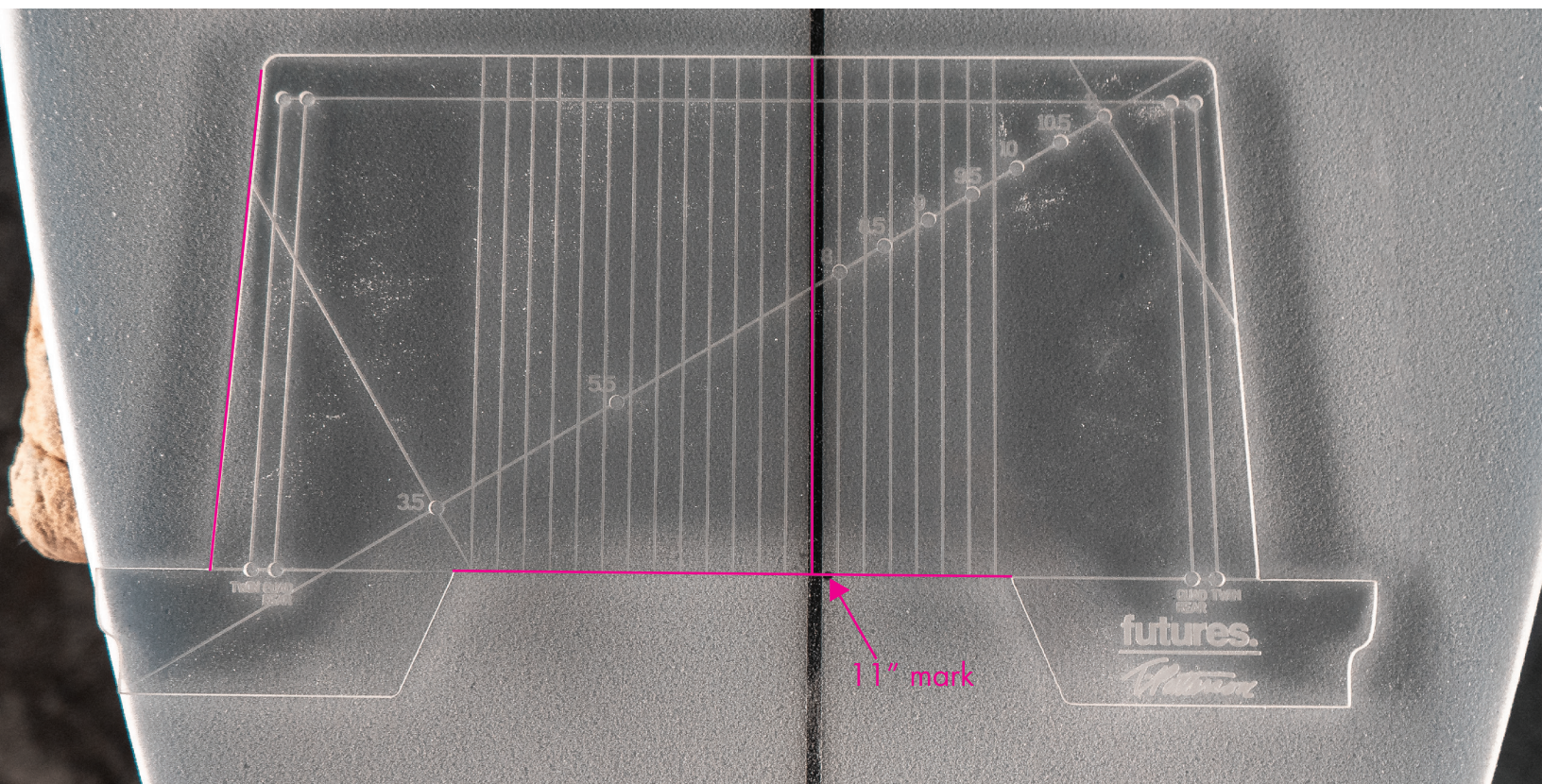
# STEP 1 - Marking 3.5" & 11"

- Take the bottom left of the number line and place it at the end of the tail, lining up the line with the stringer.
- Mark the 3.5" and the 11" holes
- 3.5" is where the trailing edge of the center fin is marked
- The 11" mark is where trailing edge of the side fins are marked



# STEP 2 - Marking the side boxes

- Align the bottom of the tool with the 11" mark
- Move the Tool to the rail of the surfboard aligning the two outside corners, while aligning the vertical engravings of the tool with the stringer
- The mark the side fin (which will be the inside foil of the fins)
- Repeat on the opposite side for the other fin box



# STEP 3 - Checking the side boxes

- The preferred measurement for the side boxes is 1 1/8"
- Check this by flipping the tool and aligning the corner
- This completes the process for marking a thruster



## Notes

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# Twins | Twin + 1

- Take the bottom left of the tool and place it at the end of the tail, lining up the line with the stringer. ( For a swallow tail place the end of the tool where the tail block would be)
- Mark 3.5" for the center fin
- Mark 9.5" (Timmy's preference) for the side fins



# Twins | Twin + 1 continued

- Align the bottom of the tool with the 9.5" mark
- Move the Tool to the rail of the surfboard aligning the two outside corners, while aligning the vertical engravings of the tool with the stringer
- Mark the side fin with the 2 holes marked twin
- Draw a line connecting the 2 dots
- Repeat on the opposite side for the other fin box
- This completes the process for marking a twin & twin + 1



## Notes

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# Quads | 5-Fins

- Take the bottom left of the tool and place it at the end of the tail, lining up the line with the stringer. ( For a swallow tail place the end of the tool where the tail block would be)
- Mark 3.5" for the center fin
- Mark 11" for the side fins
- Mark 5.5" for the quad rears
- Align the bottom of the tool with the 11" mark
- Move the Tool to the rail of the surfboard aligning the two outside corners, while aligning the vertical engravings of the tool with the stringer and mark the side fins
- Align the bottom of the tool with the 5.5" mark
- Move the Tool to the rail of the surfboard aligning the two outside corners, while aligning the vertical engravings of the tool
- Mark the Quad rears with the 2 holes marked quad rears
- Draw a line connecting the 2 dots
- Repeat on the opposite side for the other fin boxes
- This completes the process for marking a quad/5-fin

