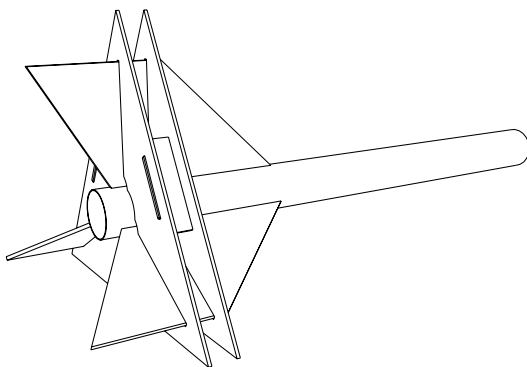
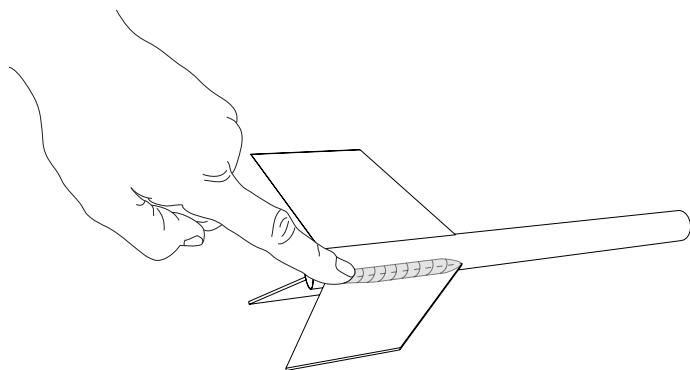


Step F: Repeat the process of adding the fins. Allow the glue to dry completely once they are all added. If you only used a thin film of glue, it can be dry in as little as 5 minutes. If you live in a humid environment or if you used too much glue, it will take longer for the glue film to dry.



Step G: After the glue has dried, carefully slide the fin guide off the tube. Apply a bead of glue along both sides of the root edge of the fin, and wipe off the excess to create a fillet. Lay the tube in a horizontal orientation over the edge of a table to allow the glue to dry.



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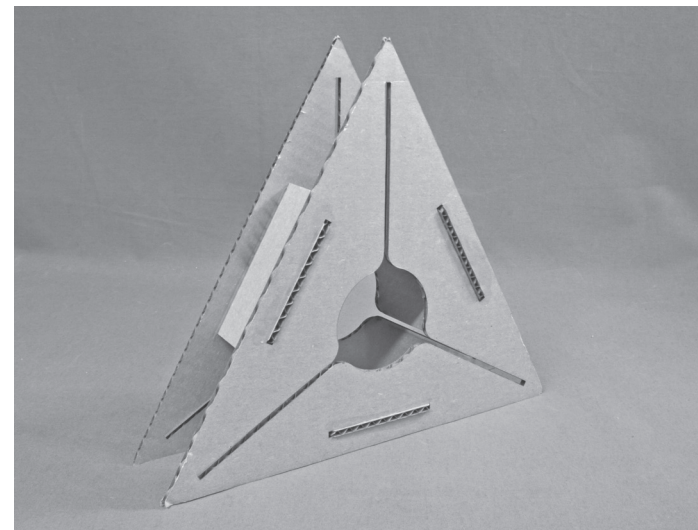
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P/N 35564

66mm (BT-80) Fin Jig



Achieving perfectly aligned fins has never been so easy thanks to this inexpensive fin alignment jig. It is designed to align three 1/8" (3mm) thick fins on a 66mm diameter (BT-80 size) body tube. It is great because it holds all the fins at one time, saving you time and frustration.

Part List

P/N 35563 - 66mm 3-Fin Guide Laser-Cut Cardboard parts
(two end plates and three spacer pieces)

Required Assembly Materials

White or wood glue
Hobby knife
Fine grit sandpaper (approximately 220 grit)

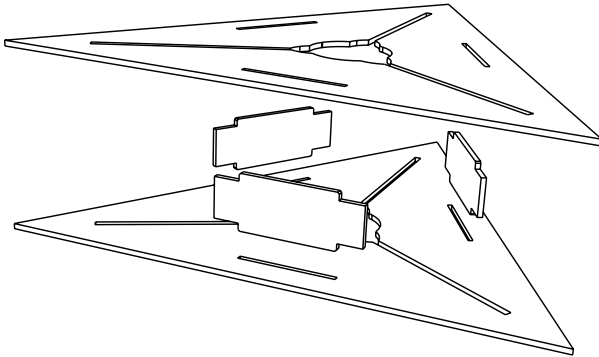


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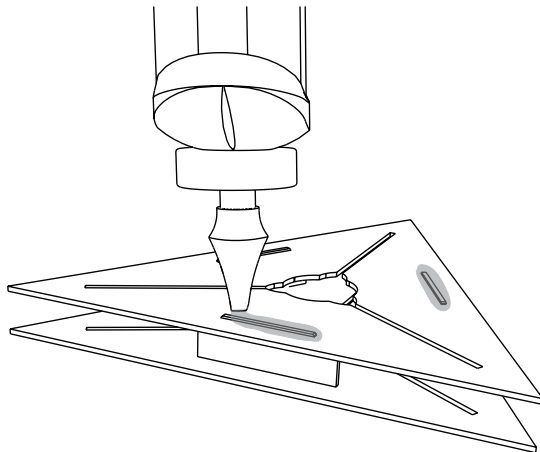
Assembly of the Fin Alignment Guide

The cardboard fin alignment guide should be assembled prior to building your rocket, as it will take some time for the glue to dry.

Step 1: Take the spacer pieces and slide them into the slot cut-outs on one of the large triangular plates. Push it in hard so the tabs extend through the cardboard and protrude out the opposite surface.



Step 2: Using white glue or wood glue, put a bead of glue on the tabs that extend through the outer surface of the plates. Smear the glue around to work the glue into the crack where the tab protrudes through the surface. Repeat the process on the other side of the guide. You only need glue on the outside surfaces, not on the inside edges. **Allow the glue to completely dry before using the fin alignment guide tool.**



Using Your Fin Alignment Guide

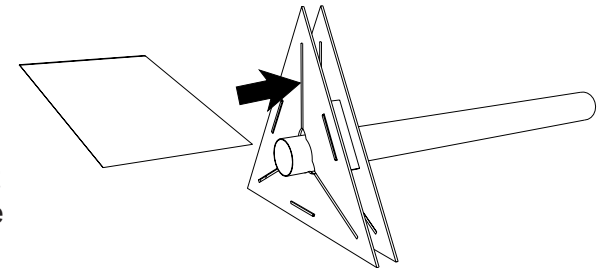
IMPORTANT: USE ONLY A LITTLE BIT OF GLUE WHEN ATTACHING THE FINS!

Step A: Test fit each fin through the slots on the fin alignment guide. Sand the fins as needed so they slide easily through the slots.

Step B: Slide the fin alignment guide over the tube. Position it about 1/4" (6mm) from the end of the tube where the fins will be glued.

Step C: Apply a bead of glue to the root edge of the fin. Using your finger, wipe off nearly all the glue from the surface of the wood. If any dripped on the sides of the fin, wipe that off immediately too. You only want a thin film of glue on the edge of the fin; just a little bit of wet shine, with no puddles or globs anywhere on the surface.

Step D: Slide the fin through the slot in the fin alignment guide. Try to keep a gap between the fin and the tube, so that the glue stays on the edge of the fin.



Step E: When the fin is in the correct position on the tube, push down on the tip edge of the fin to mate the fin to the body tube.

At this point, be careful not to rotate the tube in the guide fixture, as doing so will break the glue bond of the fin with the tube.

