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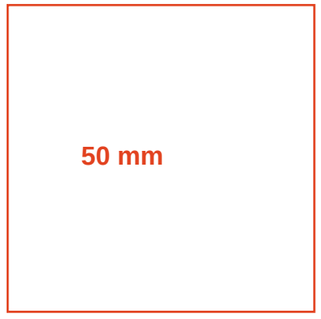
Catapult & Trebuchet Kit

Print it

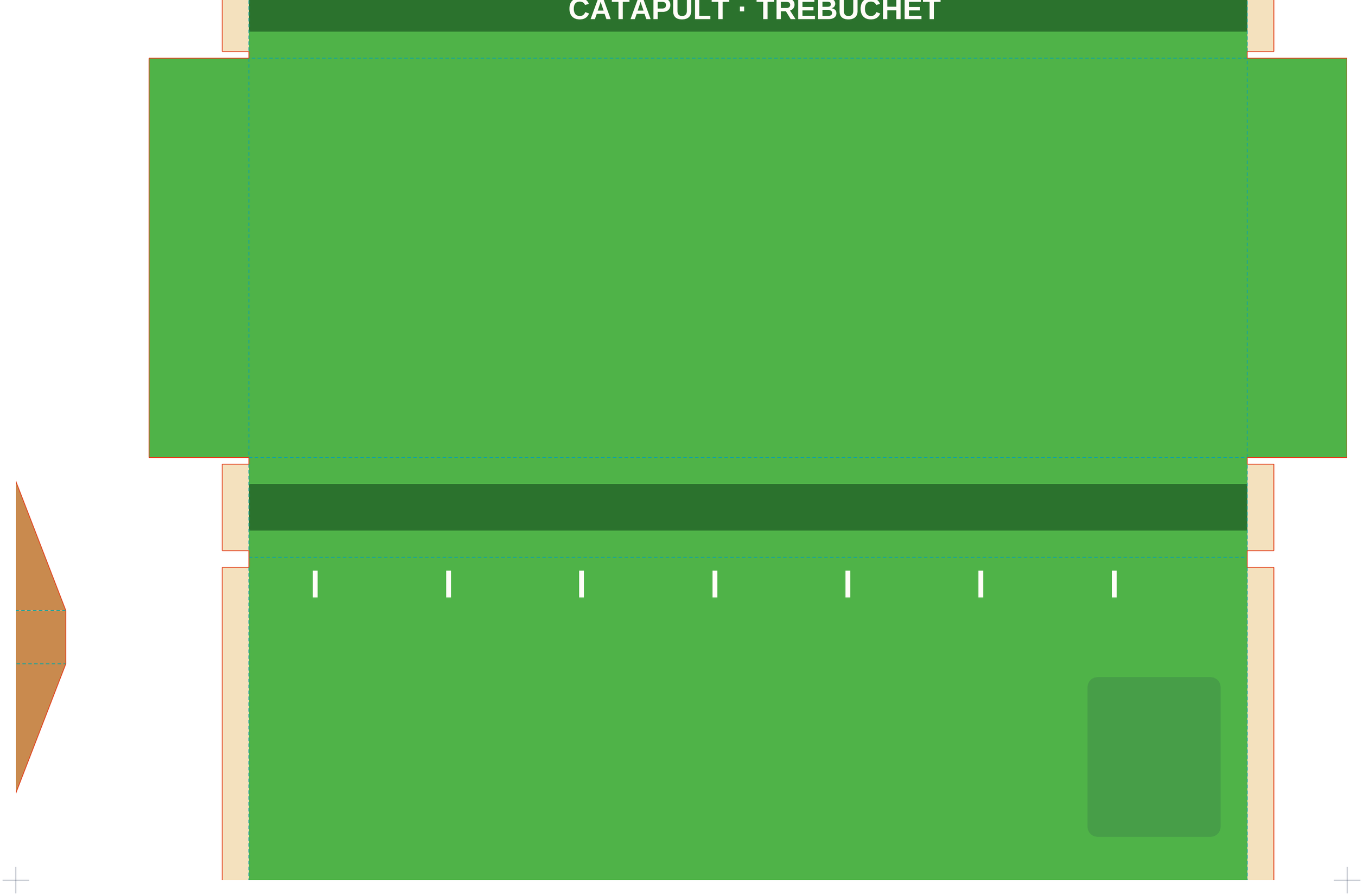
1. Print every page at 100% / "Actual size" (no "fit to page"). 12 pages on A3.
2. Check the 50 mm square measures exactly 50 mm.
3. Tape the pages together using the corner marks (page order is printed on each page).

Build it

1. Fold the base beam and glue the lid shut. Fold each A-frame and its inner layer, glue the inner U inside the outer one (holes lined up: every plate is now double), then glue both frames 48 mm apart with the spacer brace between them and the gussets outside.
2. Glue a straw bushing into each pivot hole. Fold the arm, push the pivot dowel through frame, arm and frame, glue the stop bar across the top and wind two rubber bands round it as a pad.
3. Glue the cup on the long end, push the hanger dowel through the short end, glue the band anchor block onto the base and push the anchor peg through it.
4. Catapult: loop the two bands from the hanger to the anchor peg. Trebuchet: unhook them, fill the counterweight box with coins and hang it on the hanger.
5. Pull the arm down, slide the trigger pin over it, load a pom-pom and pull the cord to fire.



CATAPULT · TREBUCHET



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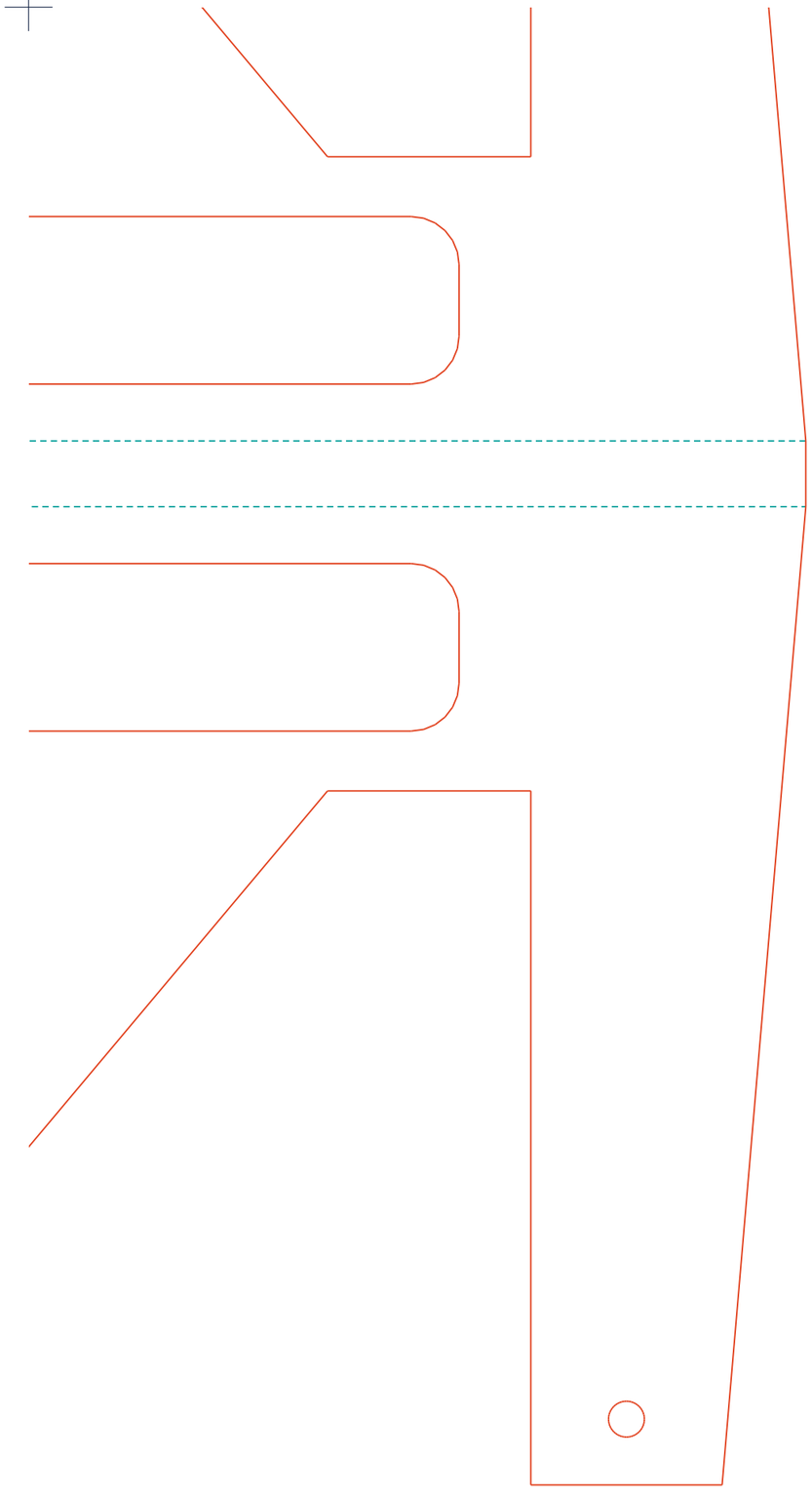

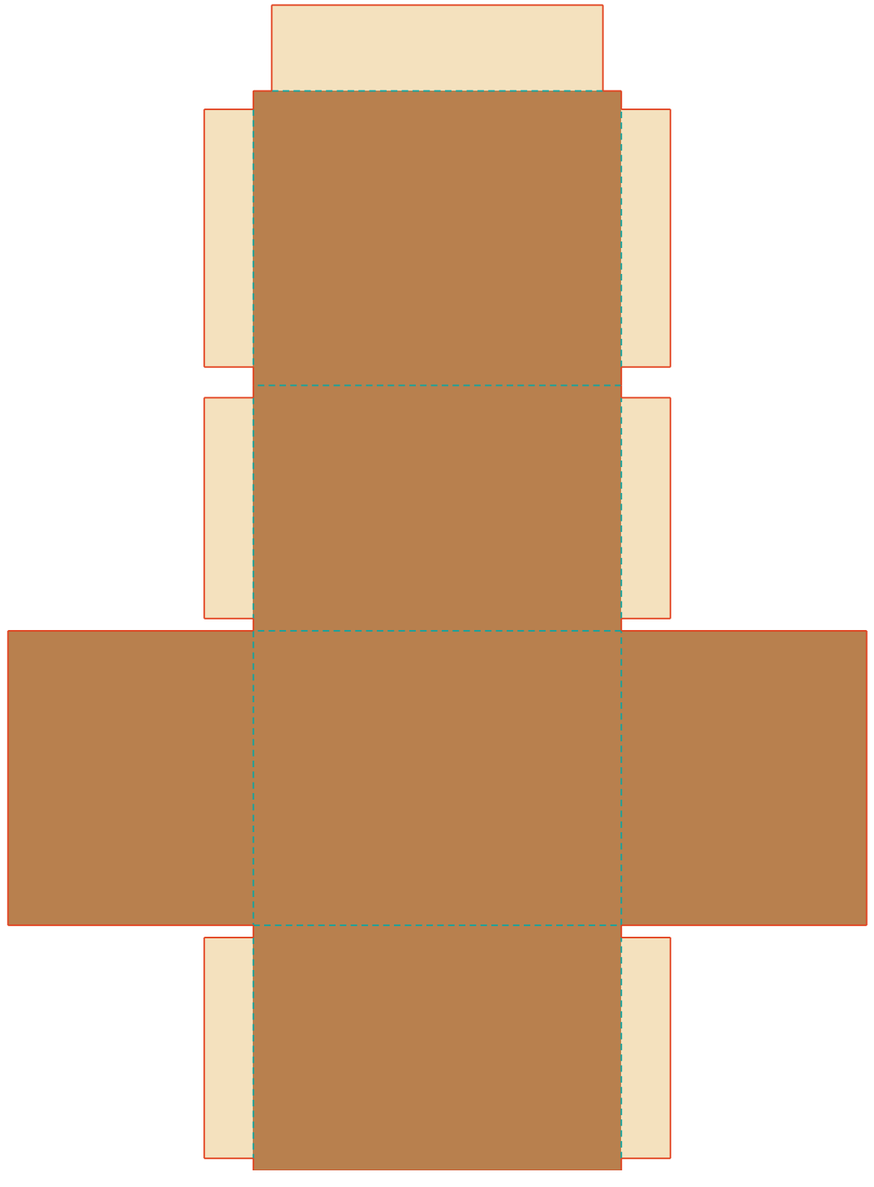

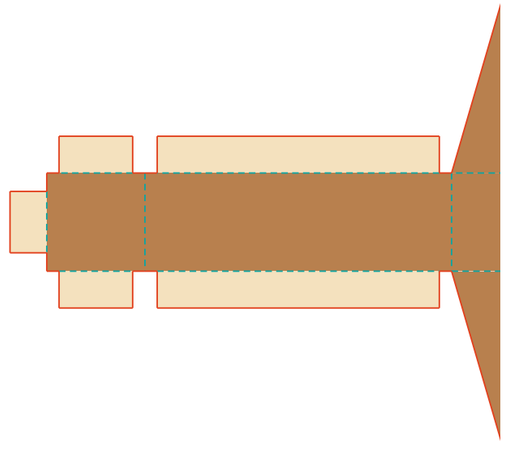

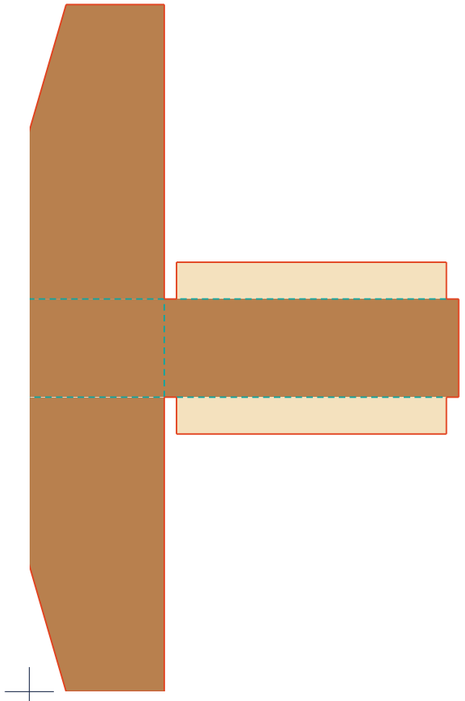

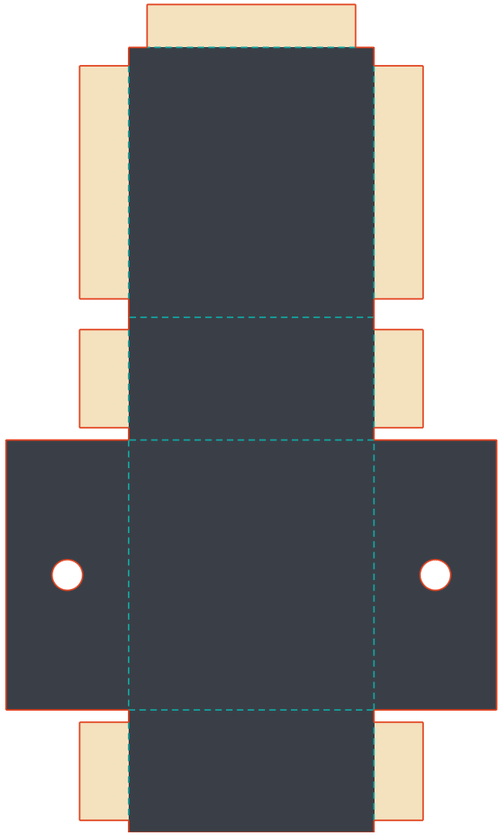

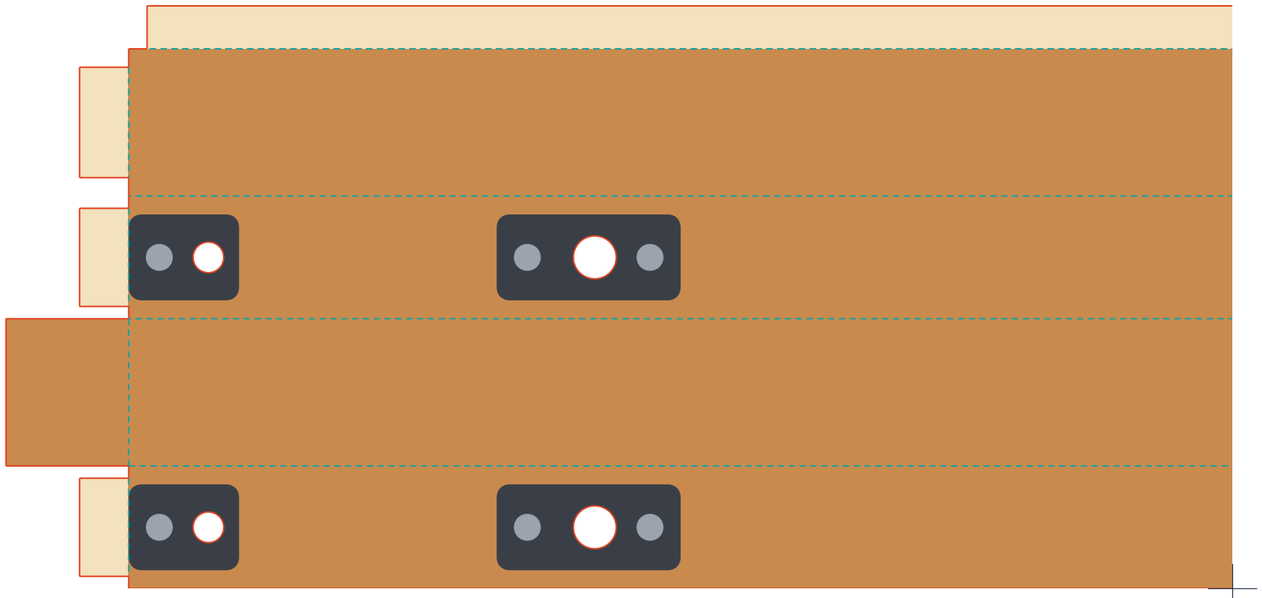

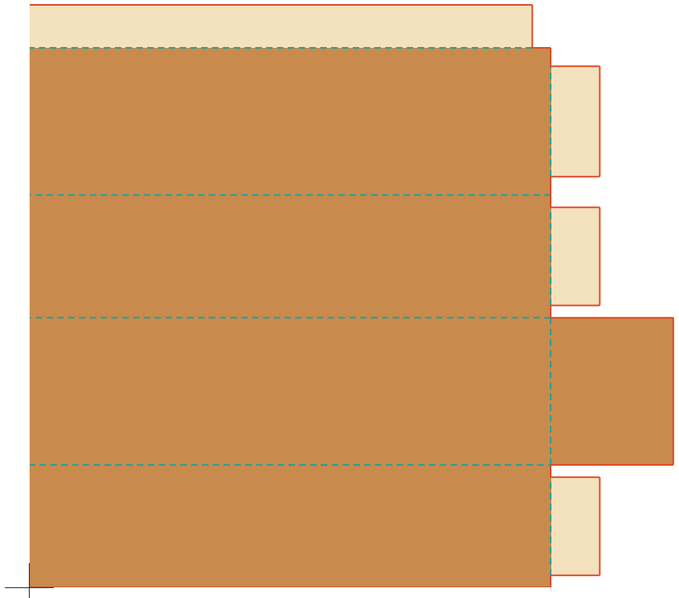

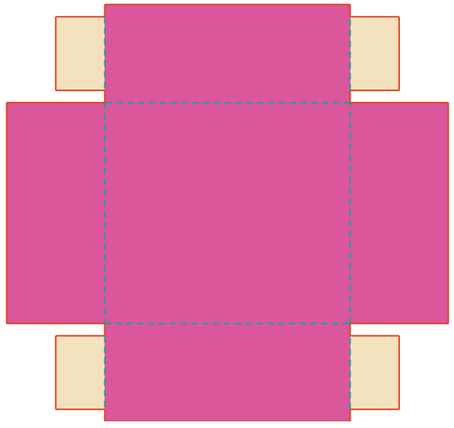

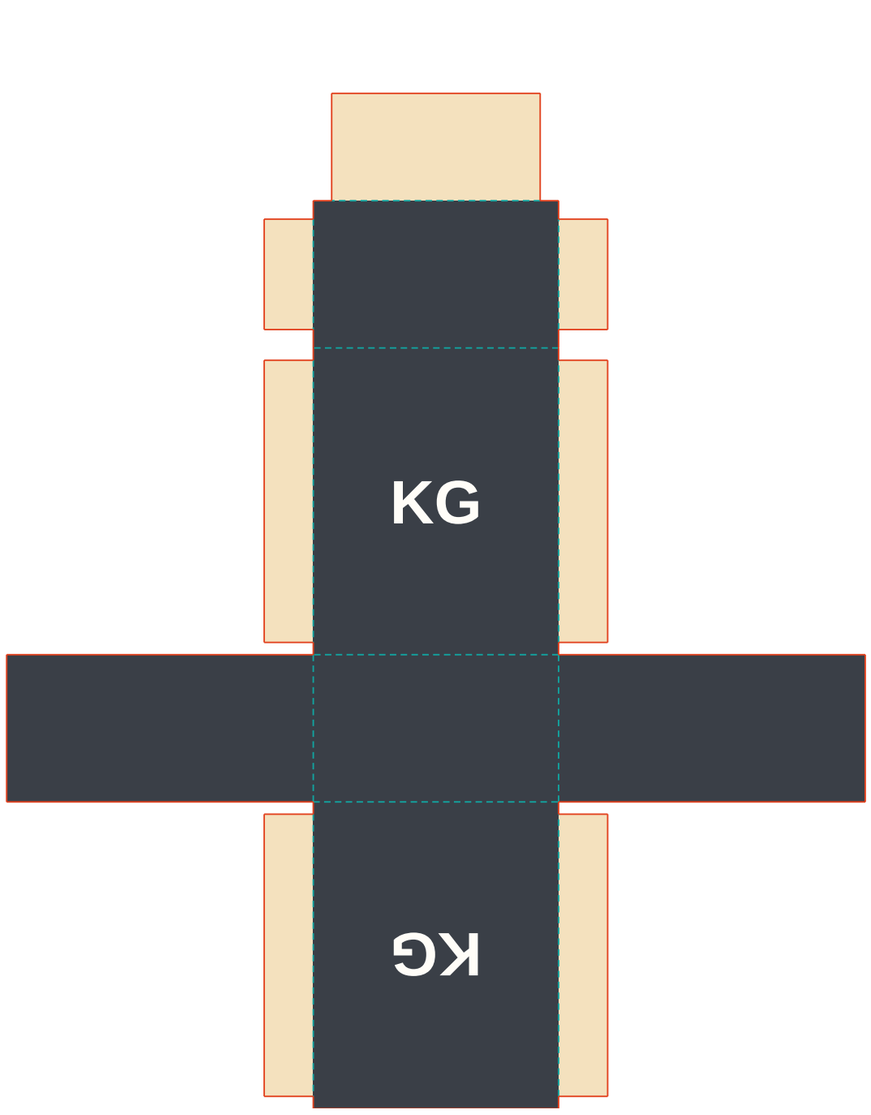
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