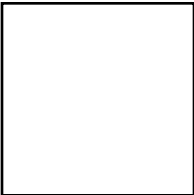


Shaping & Face Guide

A five-page companion for the proposed hollow-clay tutorial. Dimensions are wet-clay shaping references; drying changes the final size.

Print all pages on US Letter at Actual Size / 100%. Disable Fit, Shrink, and borderless enlargement. On A4, center the Letter pages at 100%; do not scale to fit. Check the square below with a physical ruler before using the outlines.



1 inch = 25.4 mm on each side

PDF geometry: exactly 72 x 72 points.

Reference dimensions

Tall hollow body	72 mm high x 50 mm wide; about 44 mm deep
Short hollow body	58 mm high x 48 mm wide; about 42 mm deep
Large cap shell	80 mm diameter x 24 mm rise
Small cap shell	65 mm diameter x 18 mm rise
Clay walls and cap rims	About 7 mm; follow the chosen clay minimum
Shared wooden plaque	150 x 80 x about 6 mm
Arrangement before shrinkage	About 120 mm wide x 100 mm high with base

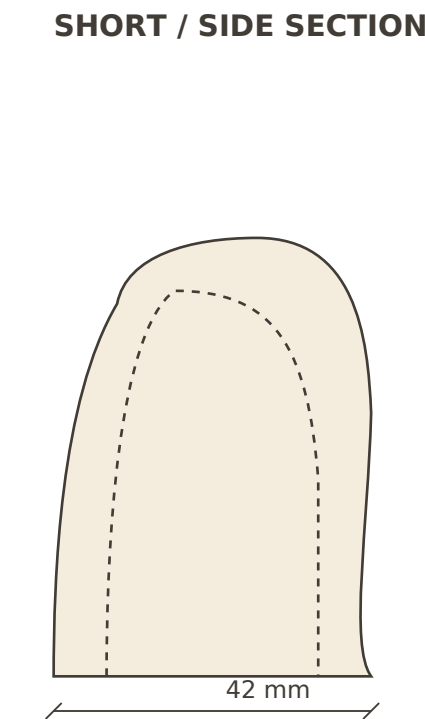
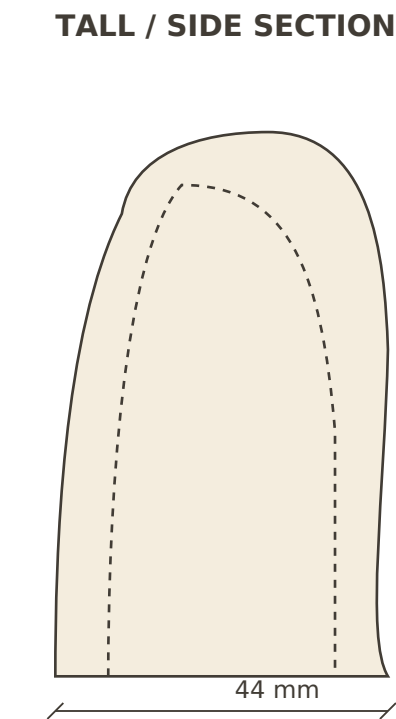
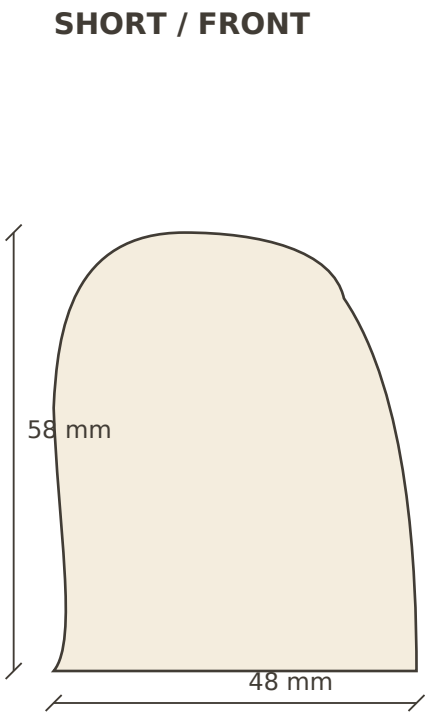
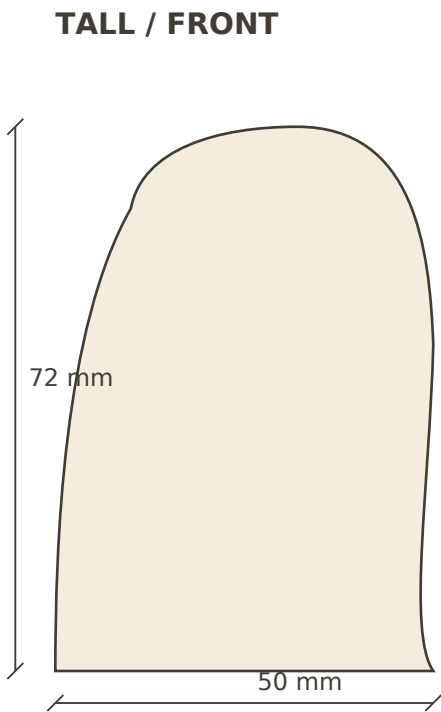
The final bodies have closed rounded tops and open bottoms. Their broad bottom rims sit flat. No foil, foam, wire, or permanent armature remains inside. Four clay parts plus one wooden plaque make the complete set.

Use the proportions as a starting point, then fit your dried pieces. No fixed shrinkage percentage is assumed. Recheck wall thickness, drying, cap support, and balance if you change size; enlarging this printout alone is not a safe scaling method.

This guide was checked for vector dimensions and document layout. It has not been physically printed or used to make a prototype.

Body shaping references

Actual-size front and side outlines. Dashed interior lines show the hollow concept, not a precision machining profile.



Closed rounded top. Open bottom.
Even 7 mm walls.
Flat bottom rim. No armature.

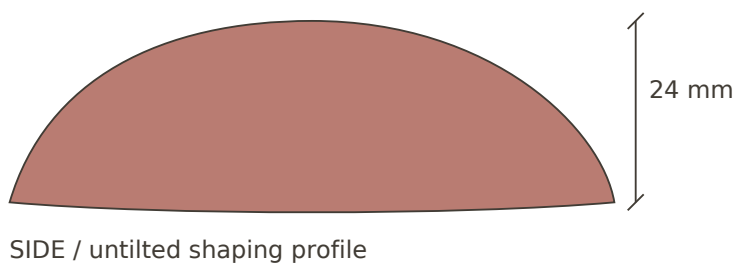
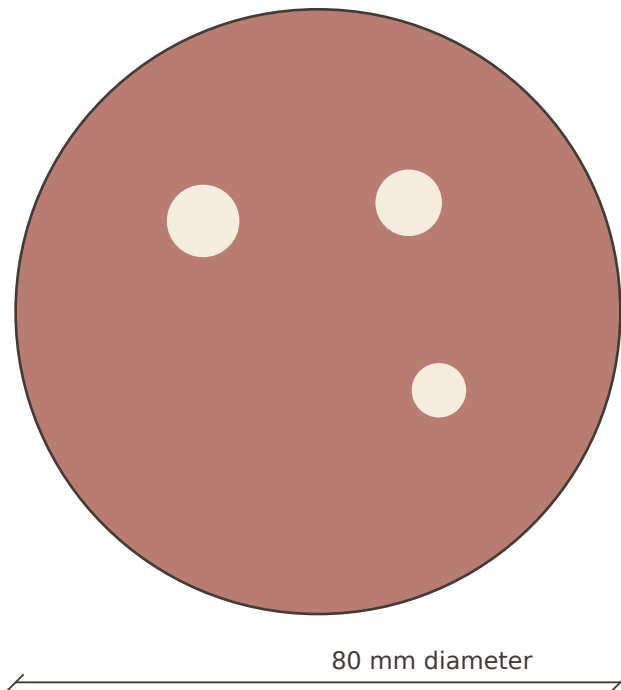
Lean inward about 5 degrees. Keep each top over its own footprint.

Rounded top support area: about 30 mm across. Bottom opening: roughly 30 mm wide from side to side; front-to-back clearance will be smaller.

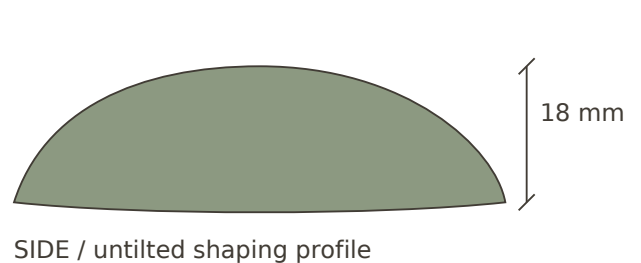
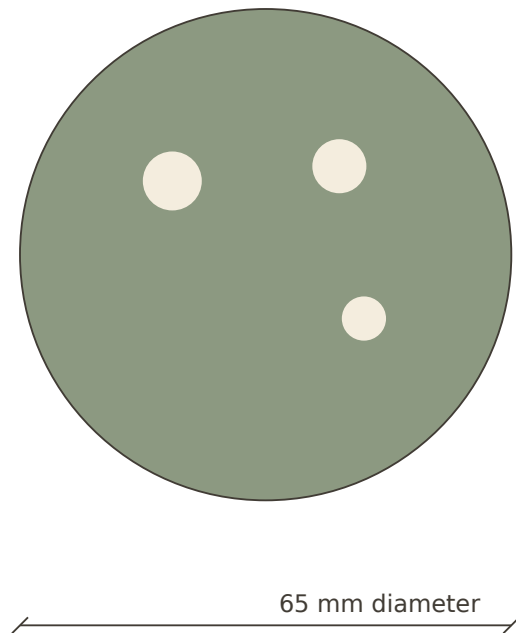
Cap shaping references

Actual-size top and side profiles of the shaped caps before drying. Diameters are measured straight from rim to rim after forming the domes, not across the starting slabs. Recheck thickness after shaping. Side profiles show curvature; a flat circle alone cannot create a dome.

LARGE / DUSTY ROSE



SMALL / SAGE GREEN

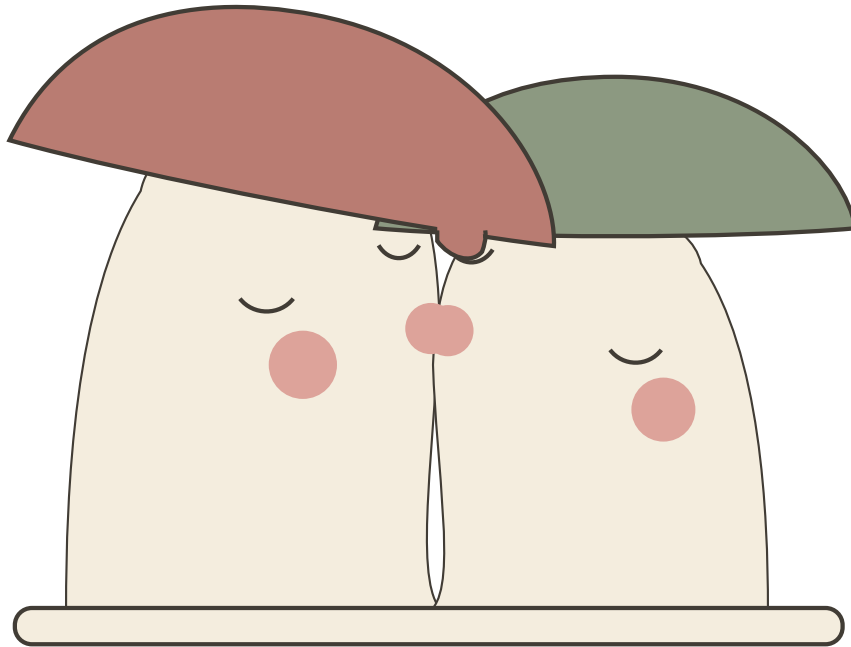


Form each cap as a shallow 7 mm-thick shell with rounded rims. Press a shallow, broad seat into the underside over about 30 mm of the body top, with parchment between wet parts. Remove the cap after the brief trial fit. Do not wet-join the parts. Add shallow radial marks underneath with a wooden tool, keeping the seats clear and the walls thick.

Large cap: round its inner edge gently downward. Avoid a long, thin flap. Final cap tilt is adjusted on dried parts, typically around 10 to 15 degrees inward for the large cap. Keep the small cap behind its foreground rim.

Faces & cheek-to-cheek placement

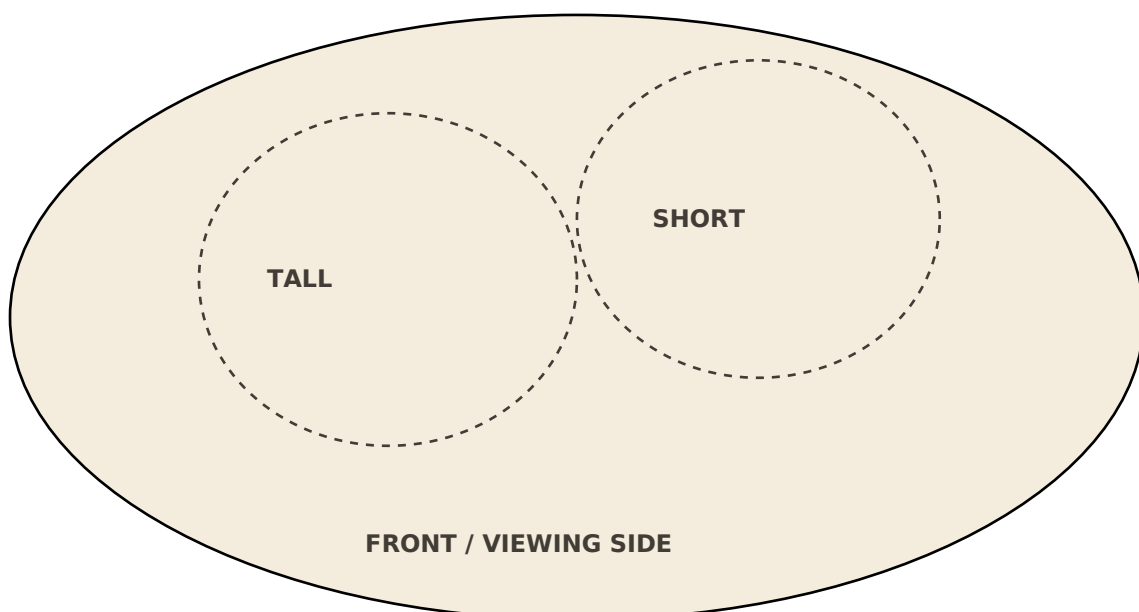
Front placement illustration: schematic, not an exact cutting or assembly template. Pencil-mark faces on the dry fit before painting.



Two eyes each; diagonal face orientation follows the lean. No mouths.

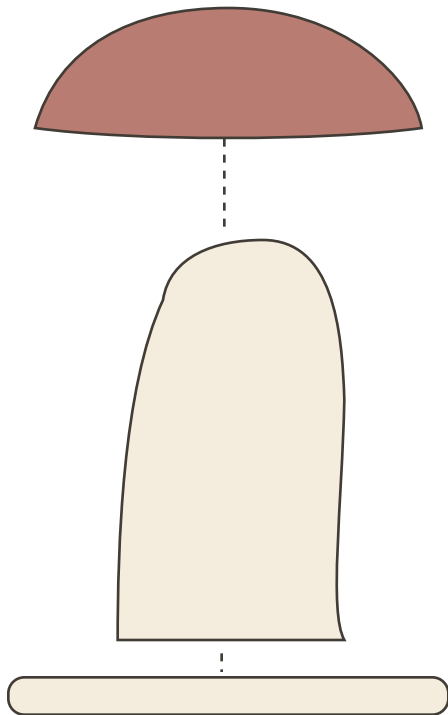
The small inner eye sits high enough for the large cap lip to cover only a short upper end. Keep its remaining curve and outer eye visible. Touch inner blush cheek areas gently below the lip. Paint all eyes on the separate dry bodies; the cap hides part of the small eye after assembly.

TOP VIEW / base actual size, placement adjustable



Separate parts, secure joins

Assembly illustration is schematic. Check your actual dried shapes and material instructions before bonding.



1. CAP SEAT

Broad bare underside seat to bare closed body top. Glue after drying and painting. Support the intended tilt until fully cured.

2. BODY BOTTOM

Open hollow cavity stays empty. Apply adhesive to the bare flat bottom rim, not inside the cavity. Both bodies have their own base joints.

3. SHARED BASE

Bare attachment patches on the wooden plaque. Cheeks touch without pressure; no cheek glue is needed. Carry the cured pair by its base.

Work in this order

- 1 Pinch hollow bodies; flatten bottom rims and shape a small inward lean.
- 2 Form cap shells, prepare seats, trial-fit briefly with parchment, then separate.
- 3 Air-dry all four parts fully; turn once firm and inspect interiors.
- 4 Smooth and dry-fit; recheck cap seats after shrinkage. Pencil-mark eyes, cheek contact and overlap.
- 5 Mask bonding areas; paint ivory bodies, rose/sage caps, spots, eyes and cheeks.
- 6 Glue caps to bodies first. Support the tilt and allow the full adhesive cure.
- 7 Glue both bottom rims to the plaque; adjust the pose and cure undisturbed.
- 8 Apply compatible matte varnish after joints cure. Keep indoors and dry.

Crayola guidance: about 72 hours to fully dry, depending on size and environment. Crayola notes that pieces thicker than 1/4 inch are more durable and less fragile than thinner pieces. Gorilla clear epoxy guidance: full cure 24 hours. Your chosen materials may differ. Test paint, varnish and adhesive on dried offcuts; coated clay remains water-sensitive.

Material guidance checked October 12, 2026:

Crayola FAQs: drying and cracks. Gorilla: epoxy guidance.