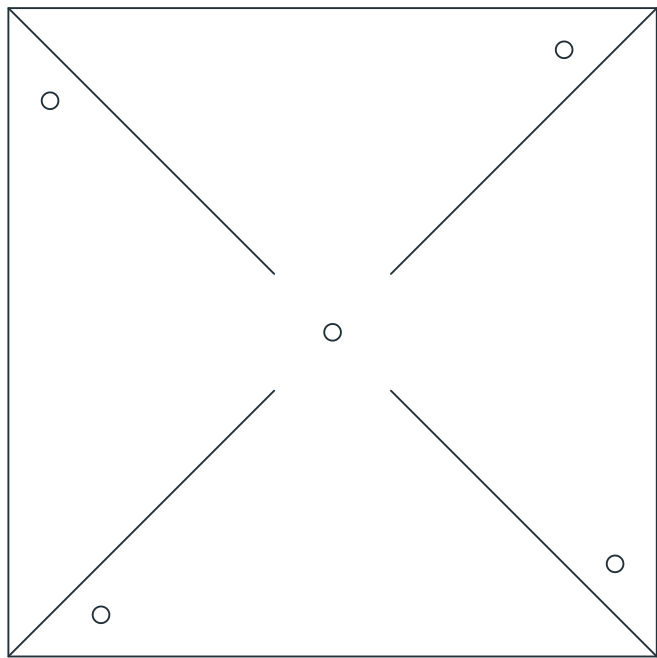


Rotating paper pinwheel

pap-023 / LETTER / Parts overview - NOT A CUTTING SHEET

USE THE FOLLOWING PATTERN SHEETS AT ACTUAL SIZE.

These miniature views identify the supplied patterns; they are deliberately reduced.



1. Pattern 1

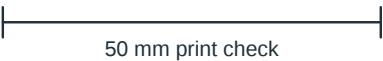


2. Pattern 2

2 pattern sheets supplied. Printed details are not cut lines unless explicitly marked.

Solid cut boundary / dashed score / shaded joining area. Read the full instructions.

Dry-fit the parts before gluing. Keep this overview beside the full-size pattern sheets.



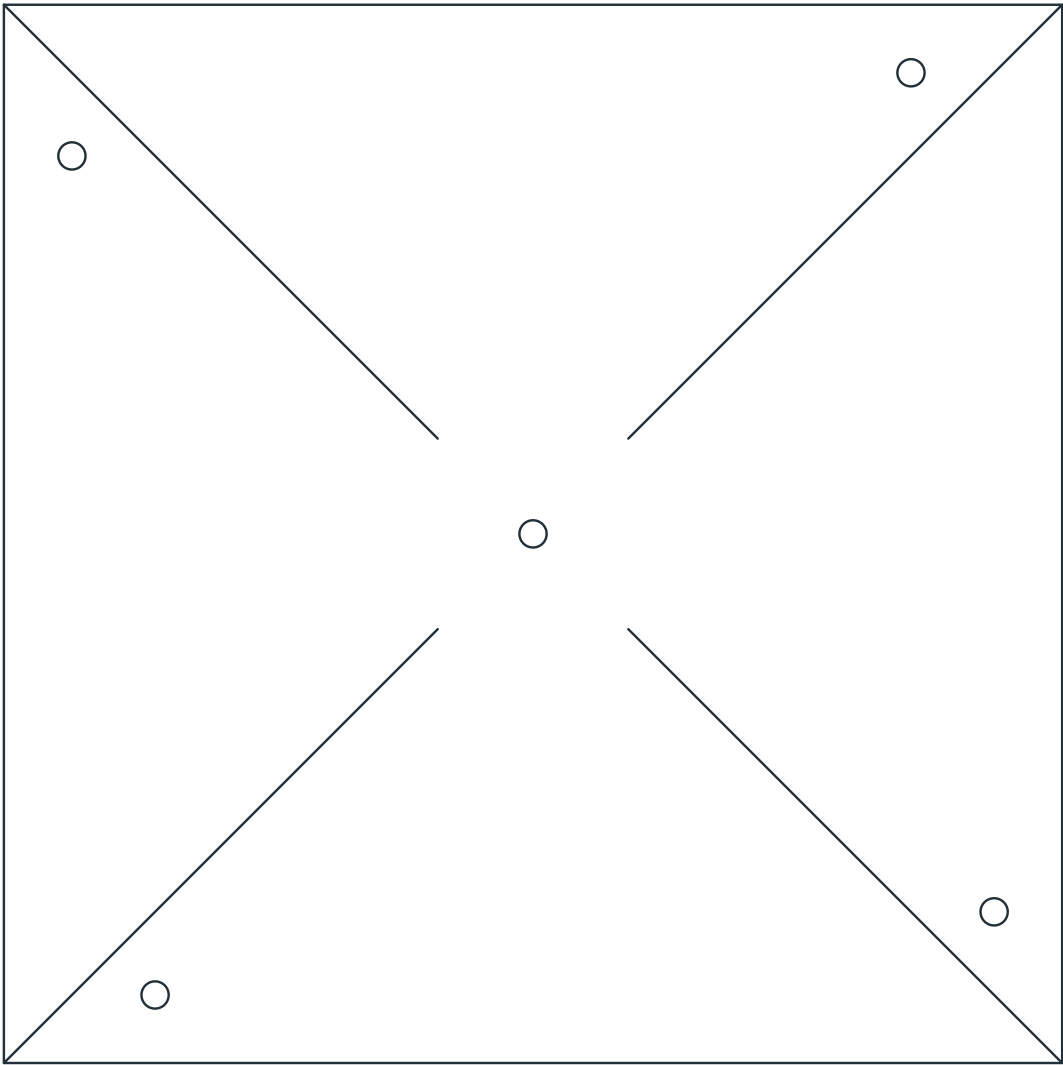
50 mm print check

Print at actual size / 100%. Disable fit-to-page.
Use the paper edition that matches the printer tray.

Rotating paper pinwheel

pap-023 / LETTER / Pattern 1

Pinwheel rotor

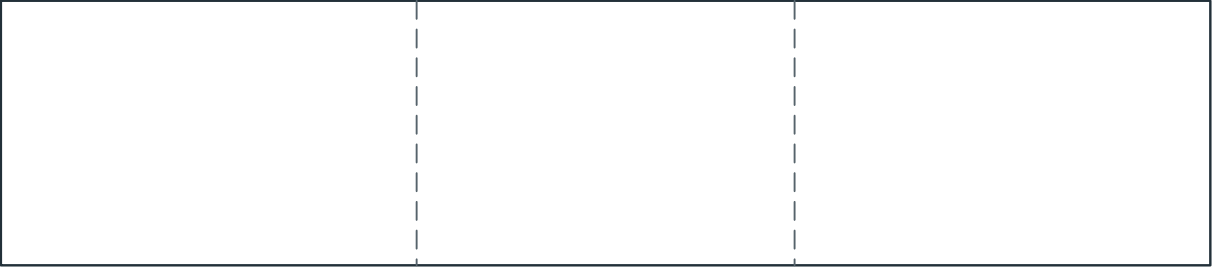


Print at actual size / 100%. Disable fit-to-page.
Use the paper edition that matches the printer tray.

Rotating paper pinwheel

pap-023 / LETTER / Pattern 2

Folded rotor stand



50 mm print check

Print at actual size / 100%. Disable fit-to-page.
Use the paper edition that matches the printer tray.

Rotating paper pinwheel

pap-023 / LETTER / Instructions

PURPOSE

Rotating paper pinwheel developed as a measured original paper study. The packet provides the actual parts, joining or shaping marks, drawing dimensions and an assembly sequence. Print at actual size and dry-fit the parts before gluing.

DRAWING FACTS

- 140 mm square rotor; five 3.6 mm holes; 160 x 35 mm trial stand.

MATERIALS

Plain 100 to 140 gsm paper for a first dimensional trial; approximately 160 to 220 gsm card only after confirming the folds. Use a ruler, suitable scissors, a blunt scoring tool and a small amount of paper adhesive. An adult should handle internal cuts, holes and small fasteners.

HOW TO USE THESE PAGES

1. Cut inward along the four diagonals, stopping before the center area.
2. Punch the four corner holes and center hole. Bring the marked corners to the center without creasing the curved blades.
3. An adult may use a suitable loose paper fastener and spacer through the five aligned holes; keep sharp ends covered.
4. Attach to a separate stable paper stand and test free turning by hand. Do not claim wind performance before a real trial.

LIMITS AND CHECKS

- Drawing dimensions describe flat paper surfaces, not verified internal capacity, load strength, fit or material compatibility.
- No mailing, food-contact, archival, toy-safety, protective-wear or cutting-machine certification is supplied.
- Make a plain-paper trial first; paper thickness and fold accuracy can change the fit.
- Trial: Measure the 50 mm reference and two named component dimensions.
- Trial: Make a complete empty trial and document fold direction, joining order, collision, stability and any fragile features.
- Trial: Repeat the trial using your chosen paper. Check that every join holds and each moving part works freely before decorating.



50 mm print check

Print at actual size / 100%. Disable fit-to-page.

Use the paper edition that matches the printer tray.