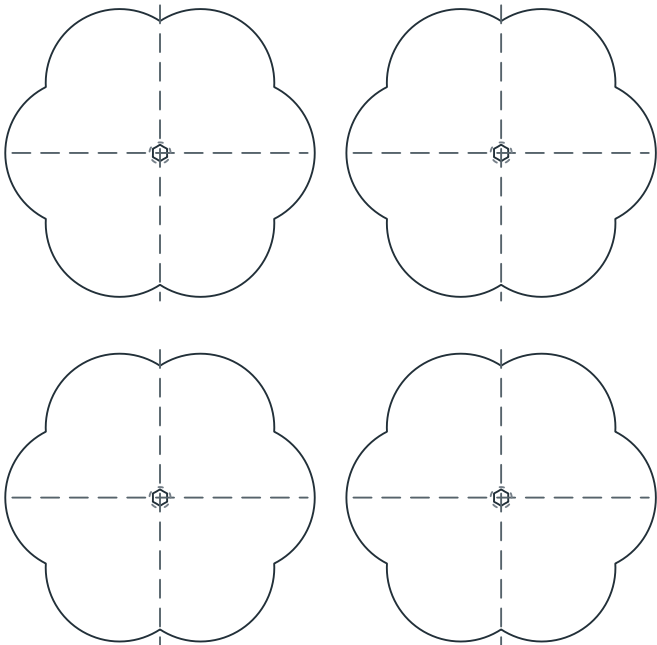


Opening Flower pop-up mechanism project

ex2-1203 / 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.



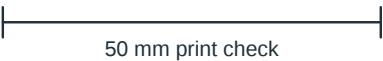
1. Pattern 1

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.



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

Opening Flower pop-up mechanism project

ex2-1203 / LETTER / Pattern 1

Card base / 90 x 128 mm closed

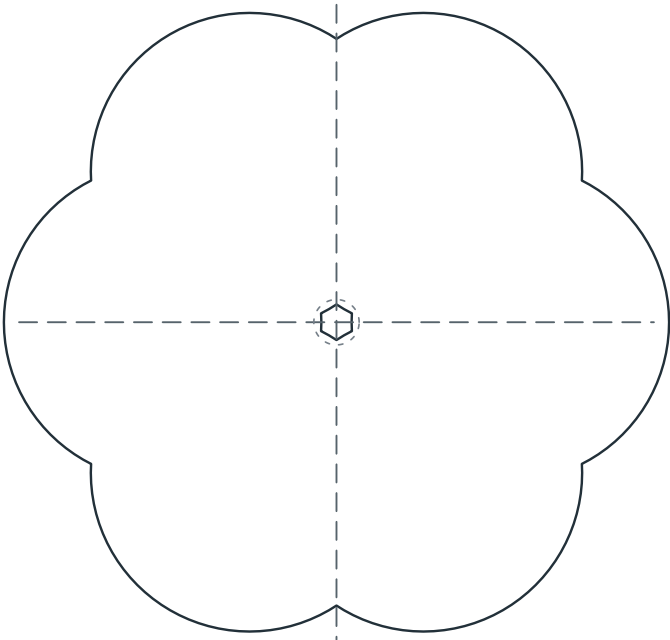


Print at actual size / 100%. Disable fit-to-page.
Use the paper edition that matches the printer tray.

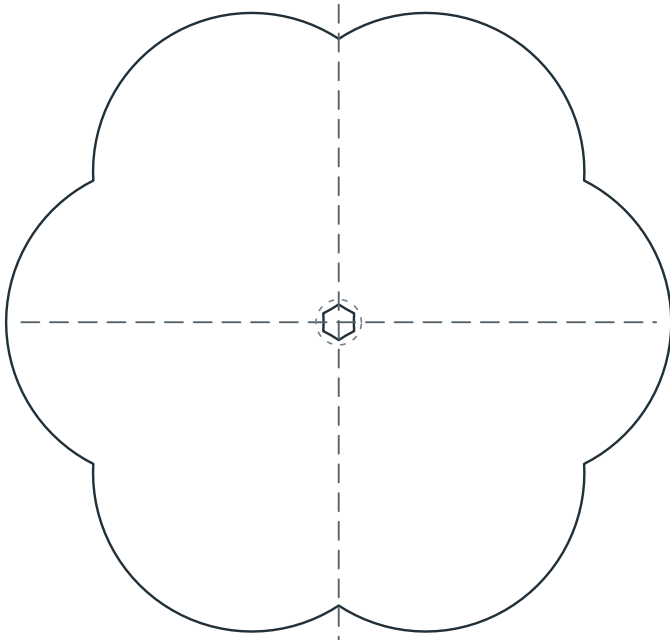
Opening Flower pop-up mechanism project

ex2-1203 / LETTER / Pattern 2

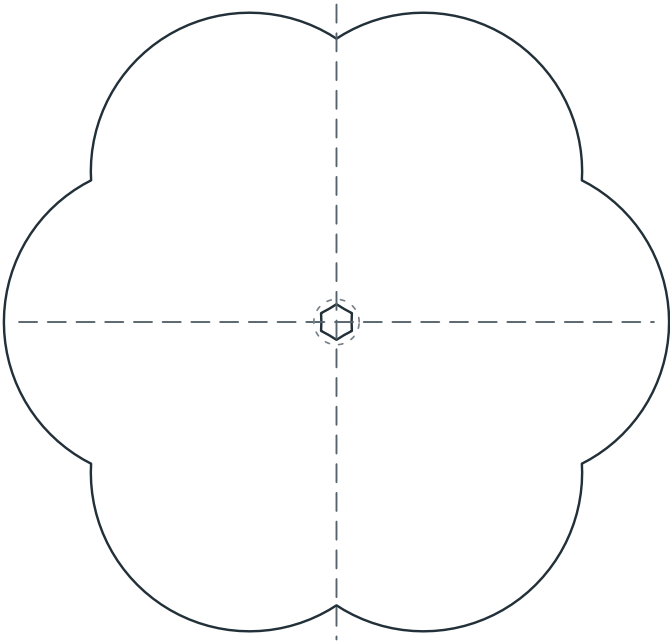
Opening flower unit 1



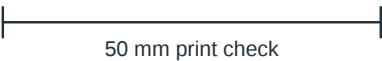
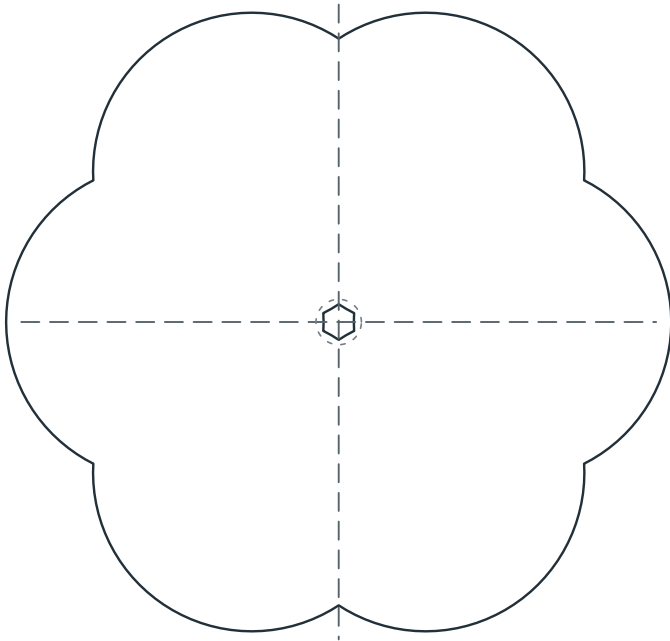
Opening flower unit 2



Opening flower unit 3



Opening flower unit 4



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

Opening Flower pop-up mechanism project

ex2-1203 / LETTER / Instructions

PURPOSE

Opening Flower pop-up mechanism project 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

- Four roughly 88 mm six-lobed flower units with cross-fold shaping guides.

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 and score all four flower units, gently cupping the lobes.
2. Fold each unit in half and bond adjacent half-backs together, leaving petal edges free.
3. Attach the first and last half-backs to opposite card halves near the hinge.
4. Close and open slowly to check petal collision and fold direction; glue only after a successful dry-fit.

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.