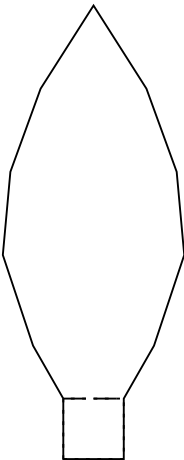


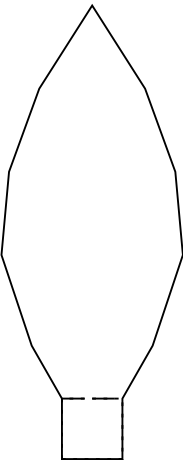
Six-Petal Trumpet Daffodil

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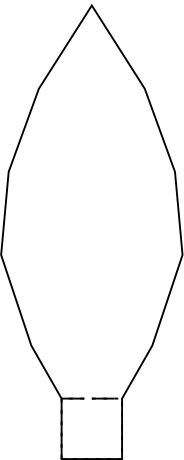
P4 | cut 1
24.00 x 60.00 mm



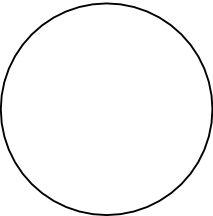
P5 | cut 1
24.00 x 60.00 mm



P6 | cut 1
24.00 x 60.00 mm



B1 | cut 1
28.00 x 28.00 mm



A1 | cut 1
4.00 x 10.00 mm



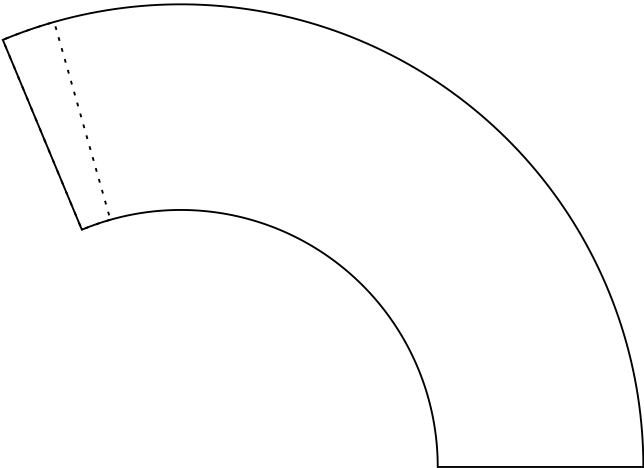
A2 | cut 1
4.00 x 10.00 mm



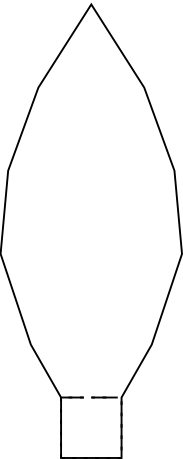
A3 | cut 1
4.00 x 10.00 mm



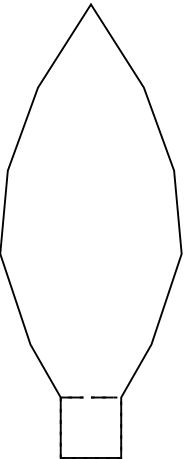
T1 | cut 1
84.74 x 61.20 mm



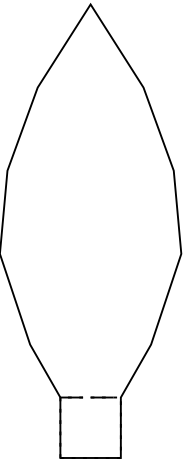
P1 | cut 1
24.00 x 60.00 mm



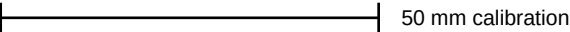
P2 | cut 1
24.00 x 60.00 mm



P3 | cut 1
24.00 x 60.00 mm



Solid: cut | Dashed: valley | Dash-dot: mountain | Dotted: glue



Print at 100% / Actual size. Do not fit to page. Original paper craft template.

Six-Petal Trumpet Daffodil

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Finished size: Approximately 111 x 126 x 27 mm; trumpet throat diameter 20 mm, mouth 36 mm

Materials: 120-160 gsm yellow paper for petals and backing; 100-120 gsm golden paper for trumpet and mounting tabs; Scissors; PVA craft glue; Ruler and protractor; Blunt scoring tool; Round pencil for pre-curling

Original tabletop flower head; no stem or hidden support. Cut one of each of 11 pieces.

Print at 100 percent. Check the 50 mm ruler before cutting. Colored paper is recommended.

The trumpet is a developable frustum: height 26 mm, slant 27.20 mm, sector radii 34.00 and 61.21 mm, main sweep 105.87 degrees, plus 6.74 degrees of lap.

Mesh arc sampling causes slight chord shortening. Petal and mounting-tab faces preserve lengths exactly. No compound petal curvature or stretched trumpet rim is required.

Paper thickness and glue are not simulated. Layer offsets are illustrative. Mounting tabs are tangent planes: press their 4 mm width to the conical wall (under 0.20 mm edge mismatch).

Automated validation is not a making trial. Screen review and physical printing, cutting and assembly remain pending. Allow each glue joint to set before handling.

Part inventory (cut each instance once):

B1: Round backing - diameter 28 mm

P1: Pointed petal 1

P2: Pointed petal 2

P3: Pointed petal 3

P4: Pointed petal 4

P5: Pointed petal 5

P6: Pointed petal 6

T1: Flared trumpet with lap

A1: Trumpet mounting tab 1

A2: Trumpet mounting tab 2

A3: Trumpet mounting tab 3

1. Prepare backing [B1]: Cut B1, diameter 28 mm. On its upper face lightly mark the center and six radial guide rays 60 degrees apart. The flower faces upward.

2. Fit six pointed petals [P1, P2, P3, P4, P5, P6]: Cut P1-P6. Score the 8 mm wide line across each root. Valley-fold the blade upward just 12 degrees from the flat root (168 degree interior angle). Glue only the 8 x 8 mm root underneath. Center each root on one guide ray, with its straight inner edge 4 mm from B1 center and hinge 12 mm from center. Place P1-P6 in order around the six rays. Tips reach about 63 mm from center and rise about 11 mm. Keep the middle clear and let roots dry flat.

3. Roll and seam the flared trumpet [T1]: Cut T1; do not cut the dotted glue boundary. Pre-curl gently around a pencil. Bring the unmarked straight radial edge to the inner boundary of the dotted lap zone, placing the marked lap underneath it. Glue the lap: overlap is 4 mm along the small arc and 7.2 mm along the large arc. Keep the small opening 20 mm diameter, large opening 36 mm diameter, and height 26 mm. Do not flatten or pinch the tube. Hold the seam until set; leave both ends open.

Six-Petal Trumpet Daffodil

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4. Make three mounting feet [A1, A2, A3]: Cut three 4 x 10 mm tabs and score each at its 5 mm midpoint. Valley-fold the upper half upward 72.9 degrees from the flat foot (107.1 degree interior angle). Position the feet inside the trumpet throat on the backing, spaced 120 degrees apart on the P1, P3 and P5 rays. Each foot extends from radius 5 to 10 mm; its fold touches the throat edge. Glue foot undersides to B1 or the petal root beneath; leave the upright halves accessible.

5. Seat the trumpet and cure [T1, A1, A2, A3]: Lower the 20 mm throat centrally onto B1, between the three upright tabs. Keep the seam between tabs. Glue the inward-facing side of each upright 5 mm half against the OUTSIDE of the trumpet, pressing gently across its 4 mm width. The feet remain inside the throat; do not glue across the opening. Check the mouth is level, 26 mm above its throat, with six visible petal tips. Leave upright until fully dry per glue directions before lifting by the backing.