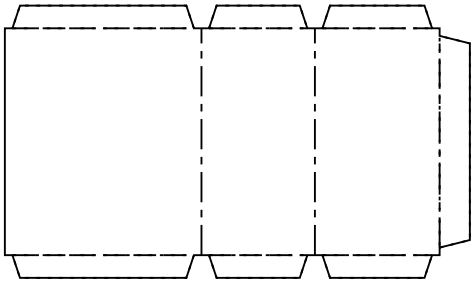
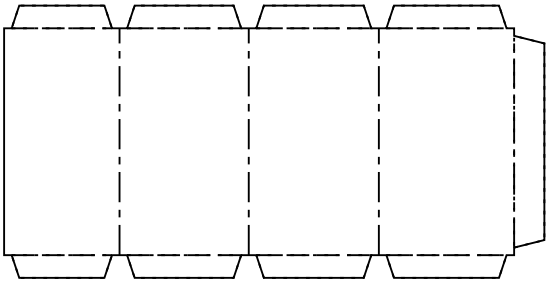
Seated Facet Rabbit

rabbit / 1.0.0 / A4 / Template page 1

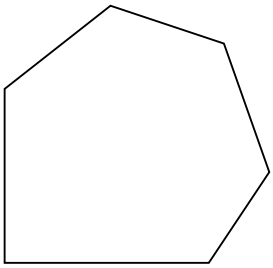
H1 | cut 1
61.49 x 36.00 mm



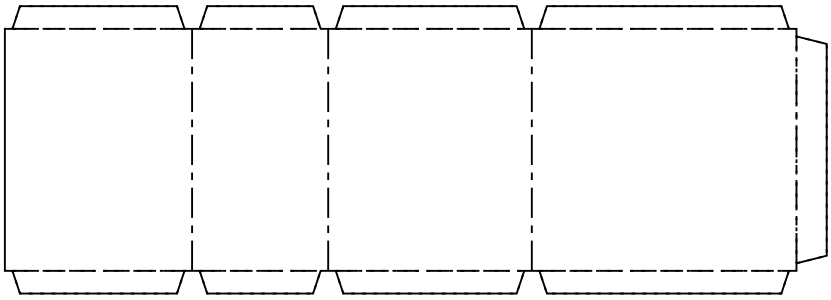
H2 | cut 1
71.45 x 36.00 mm



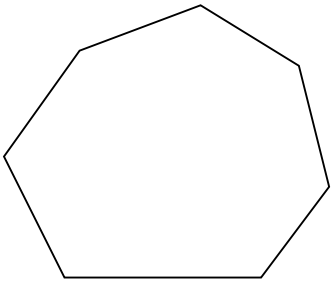
AR | cut 1
35.00 x 34.00 mm



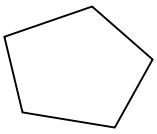
B2 | cut 1
108.68 x 38.00 mm



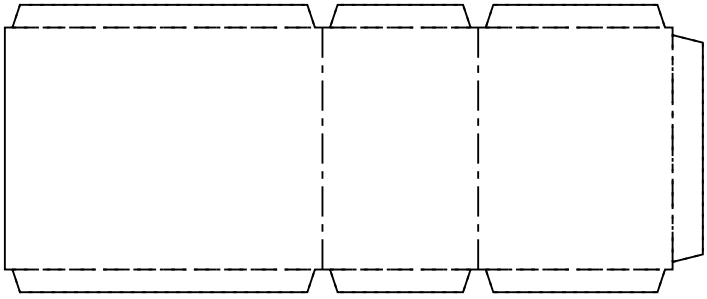
HR | cut 1
43.00 x 36.00 mm



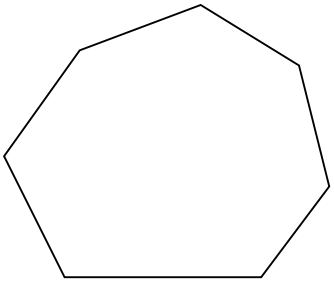
TR | cut 1
19.60 x 16.00 mm



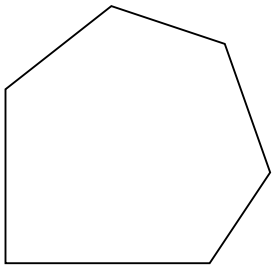
B1 | cut 1
92.30 x 38.00 mm



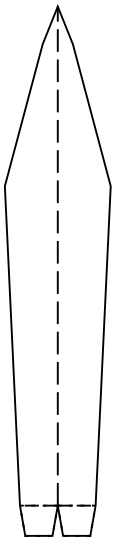
HL | cut 1
43.00 x 36.00 mm



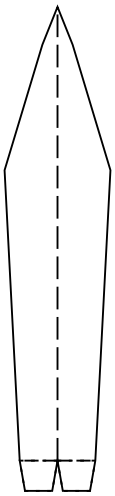
AL | cut 1
35.00 x 34.00 mm



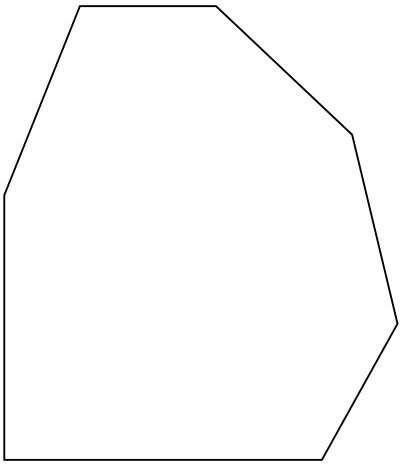
EL | cut 1
14.00 x 70.00 mm



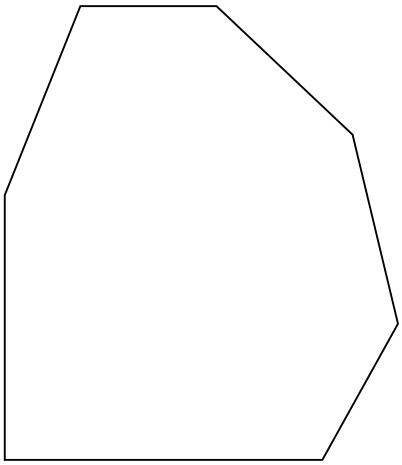
ER | cut 1
14.00 x 64.00 mm



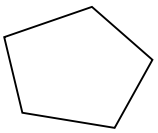
BL | cut 1
52.00 x 60.00 mm



BR | cut 1
52.00 x 60.00 mm



TL | cut 1
19.60 x 16.00 mm



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

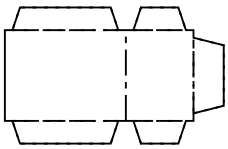
50 mm calibration

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

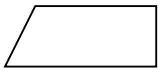
Seated Facet Rabbit

rabbit / 1.0.0 / A4 / Template page 2

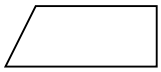
G2 | cut 1
28.94 x 18.00 mm



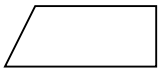
FL | cut 1
20.00 x 8.00 mm



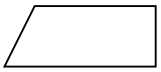
FR | cut 1
20.00 x 8.00 mm



GL | cut 1
20.00 x 8.00 mm



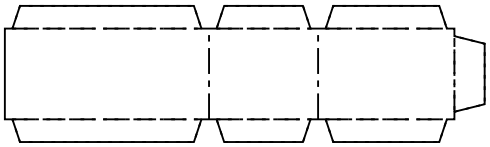
GR | cut 1
20.00 x 8.00 mm



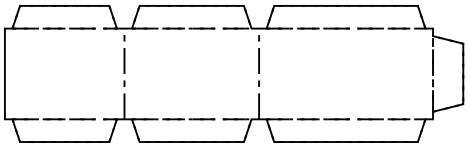
XL | cut 1
4.00 x 5.00 mm

XR | cut 1
4.00 x 5.00 mm

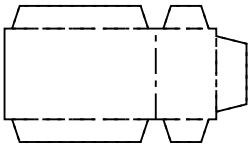
C1 | cut 1
63.45 x 18.00 mm



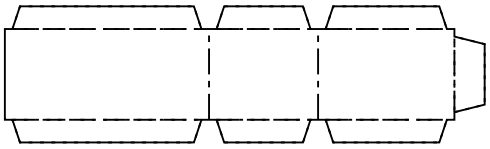
C2 | cut 1
60.62 x 18.00 mm



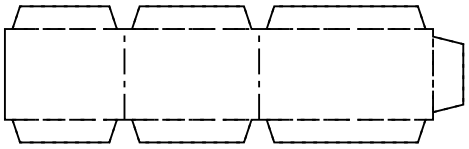
G1 | cut 1
32.00 x 18.00 mm



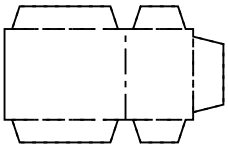
A1 | cut 1
63.45 x 18.00 mm



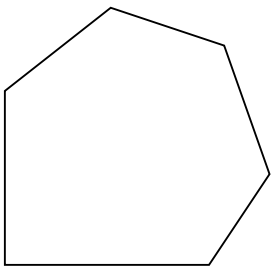
A2 | cut 1
60.62 x 18.00 mm



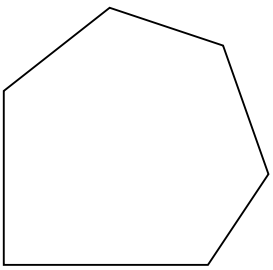
F2 | cut 1
28.94 x 18.00 mm



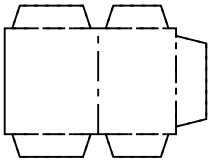
CL | cut 1
35.00 x 34.00 mm



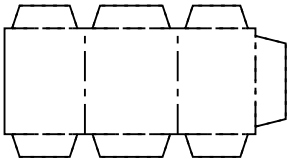
CR | cut 1
35.00 x 34.00 mm



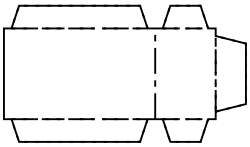
T1 | cut 1
26.66 x 20.00 mm



T2 | cut 1
37.18 x 20.00 mm



F1 | cut 1
32.00 x 18.00 mm



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

50 mm calibration

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

Seated Facet Rabbit

rabbit / 1.0.0 / A4 / Assembly instructions

Finished size: 56 wide x 88 deep x approximately 155 high mm

Materials: 180-220 gsm cardstock; Scissors or craft knife; Ruler and scoring tool; PVA glue; Tweezers

Original rigid-facet construction; every band flap and ear mounting tab is included in the exact cut outline and shaped mesh.

Coordinates use X left/right, negative Y toward the nose, Z upward. Cap outlines are side elevations in Y/Z millimetres.

Tabs overlap cap interiors by 3 mm; band seams overlap 4 mm. Zero paper/glue thickness is idealized; fold to the matching polygon edges rather than stretching.

Ear ridge interior angle is 130 degrees. Head, haunches, feet and tail attach by face-to-face glue contact; no concealed armature.

Physical printing, cutting, assembly and stability verification are deferred. Digital generation does not establish physical acceptance.

Part inventory (cut each instance once):

BL: Upright seated body cap L

BR: Upright seated body cap R

B1: Upright seated body band 1

B2: Upright seated body band 2

HL: Angular rabbit head cap L

HR: Angular rabbit head cap R

H1: Angular rabbit head band 1

H2: Angular rabbit head band 2

AL: Left broad haunch cap L

AR: Left broad haunch cap R

A1: Left broad haunch band 1

A2: Left broad haunch band 2

CL: Right broad haunch cap L

CR: Right broad haunch cap R

C1: Right broad haunch band 1

C2: Right broad haunch band 2

FL: Left front foot cap L

FR: Left front foot cap R

F1: Left front foot band 1

F2: Left front foot band 2

GL: Right front foot cap L

GR: Right front foot cap R

G1: Right front foot band 1

G2: Right front foot band 2

Seated Facet Rabbit

rabbit / 1.0.0 / A4 / Assembly instructions continued

TL: Faceted rear tail cap L

TR: Faceted rear tail cap R

T1: Faceted rear tail band 1

T2: Faceted rear tail band 2

EL: Long ridge-fold ear

ER: Long ridge-fold ear

XL: Eye diamond

XR: Eye diamond

1. Print and score [BL, BR, B1, B2, HL, HR, H1, H2, AL, AR, A1, A2, CL, CR, C1, C2, FL, FR, F1, F2, GL, GR, G1, G2, TL, TR, T1, T2, EL, ER, XL, XR]: Print at 100 percent; the ruler must measure 50 mm. Cut one of each ID. Score every dashed line before folding. Retain all 3 mm cap tabs and 4 mm band seam flaps. The two caps of each shell have identical side-elevation outlines.

2. Close the seated body [BL, BR, B1, B2]: B bands form the 32 mm wide body. Starting at the cap bottom-front corner, follow the 42 mm bottom edge, then the rear slopes and crown; band 2 continues the perimeter. Mountain-fold wall joints to match the cap corners. Fold the 3 mm edge tabs inward 90 degrees; glue one cap to these tabs, join band ends using their 4 mm flaps, then close the second cap. Keep the 42 x 32 mm bottom flat. Dry 10 minutes.

3. Form broad haunches [AL, AR, A1, A2, CL, CR, C1, C2]: Build A and C with the same cap-and-band method, each 12 mm wide, keeping the 27 mm bottom edges level. Glue A right cap and C left cap against the body sides; align bottoms at Z=0. Their front vertical edges sit 16 mm behind the body front-bottom edge. Apply glue only within the shared face area, roughly Y=0 to 20 and Z=5 to 22 mm. Outer sides finish 56 mm apart.

4. Add the front feet [FL, FR, F1, F2, GL, GR, G1, G2]: Assemble F and G as 12 mm wide wedge shells with 20 mm soles and 8 mm high heels. Glue their vertical heel faces against the lower front body face. Set foot centers 18 mm apart, leaving a 6 mm gap between them, and project toes 20 mm forward. Hold both soles and the body bottom on a flat table while glue dries 10 minutes.

5. Build and mount the head [HL, HR, H1, H2]: Close H as a 30 mm wide shell, with 3 mm inward cap tabs and 4 mm seam overlaps. Its 26 mm horizontal underside sits on the body crown at Z=60. Center left/right with 1 mm inset on each side; nose extends 18 mm ahead of the body front. Glue only the shared underside rectangle, Y=-10 to -4 mm across the 30 mm width. Allow 15 minutes to set before fitting ears.

6. Fold and mount the ears [EL, ER]: Valley-fold EL and ER down their long center scores to a 130 degree included V angle (each wing turns 25 degrees). Fold both 4 mm root tabs 90 degrees into the head-top plane. Glue roots onto the sloping top face between Y=-12 and 1 mm: center ridges 14 mm apart, at Y=-10 mm, with the longer EL on the left. Root tabs point rearward/down the slope. Ears rise normal to this roof plane, leaning rearward approximately 32 degrees from vertical. Hold until set.

7. Fit the faceted tail [TL, TR, T1, T2]: Build T as a 14 mm wide five-sided shell. Its short inward-facing edge from Y=28.4,Z=33 to Y=30.8,Z=23 matches the body rear slope exactly. Glue that 14 x 10.28 mm wall to the centered body rear, with lower corner 5 mm above the rear lower shoulder. The tail projects to Y=48 mm. Dry 10 minutes.

8. Add eyes and let the rabbit set [XL, XR]: Glue XL and XR flat to the head side caps, each centered 79 mm above the table and 27 mm forward of the body origin (7 mm ahead of its front-bottom edge). Press the complete eye backs. Let all joints cure on a flat surface; body, haunch bottoms and two foot soles form the support footprint. Physical balance and assembly remain to be tried with real cardstock.