

PRINTABLE WOODWORKING TEMPLATES

20 WOODEN KEYCHAIN TEMPLATES

Full size. Ready to print. Ready to cut.



28 pages · 20 designs · 21 actual-size template sheets

CROBAVAULT

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THE 20 TEMPLATES

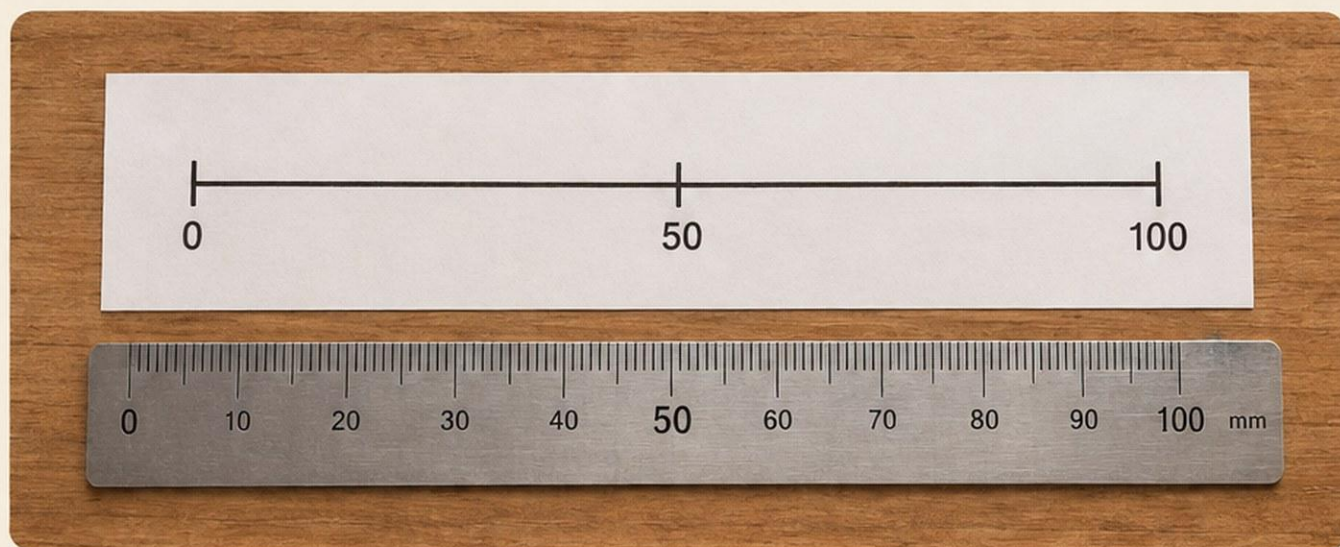
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STEP 1

Print it right, or nothing fits



1. In the print dialog choose 100% or Actual size. Never Fit to page, never Shrink to fit.
2. Print one test page and measure the check bar with a ruler. It has to read exactly 100 mm.
3. If it reads 97 mm your printer shrank the sheet. Turn page scaling off and print again.



Every template in this book is drawn at true size.
The check bar is on every single page.

STEP 2

Everything you need



THE MINIMUM



A coping saw or a fretsaw — under 20 dollars



A 4 mm drill bit and any drill



Sandpaper, 120 and 240 grit



20–25 mm steel split rings



NICE TO HAVE



A scroll saw — faster and cleaner



Repositionable spray adhesive to stick the template down



A small round file for the ring hole



Linseed oil or beeswax to finish

STEP 3

Which wood, which thickness



Best all-rounder:	4 mm birch plywood
Thinnest that still holds:	3 mm
Thickest that still looks light:	6 mm
Hardwoods that cut clean:	beech, maple, cherry
Avoid:	soft pine boards, MDF, chipboard

GRAIN DIRECTION



RIGHT — the thin parts follow the grain



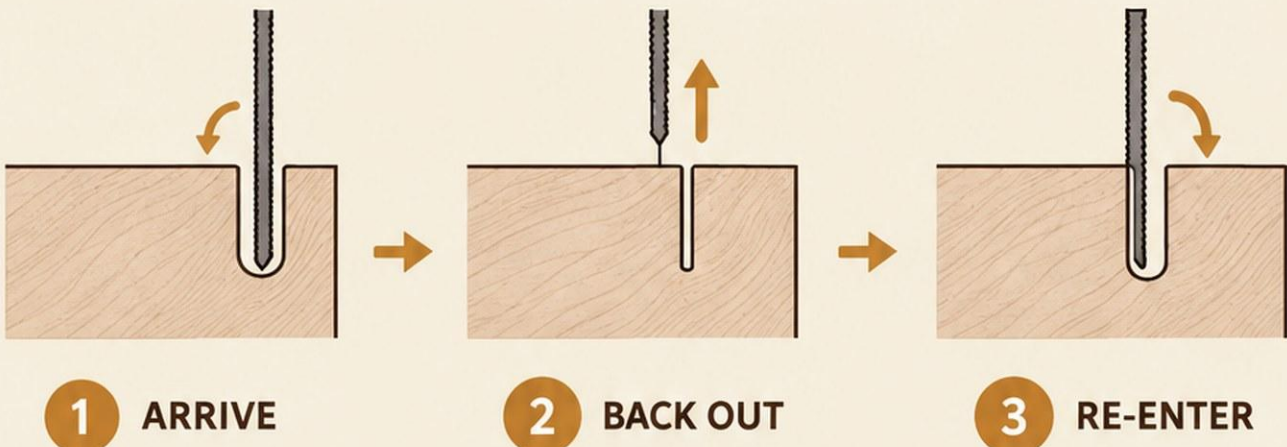
WRONG — cut across the grain and thin parts break

STEP 4

How to cut a clean curve



1. Drill the ring hole first, while the board is still big.
2. Let the blade cut. If you push, it wanders and burns.
3. Turn the wood into the blade — never twist the blade sideways.
4. In a sharp inside corner, stop, back out, and come in again from the other side.
5. Cut just outside the line and sand down to it. You can always remove more wood, never put it back.



STEP 5

Sand, oil, and fit the ring



CUT



SAND



OIL



RING

- 120 grit to lose the saw marks, then 240 until it feels like soap.
- Round the edges slightly — a sharp edge chips in a pocket.
- One coat of linseed oil, wipe the excess after ten minutes, let it dry overnight.
- Open the split ring with a fingernail or pliers and wind it in like a keyring.



✱ Burn a name or a date on the back before you oil it — oiled wood will not take pyrography.

Classic Heart

Level: Beginner

01 /21

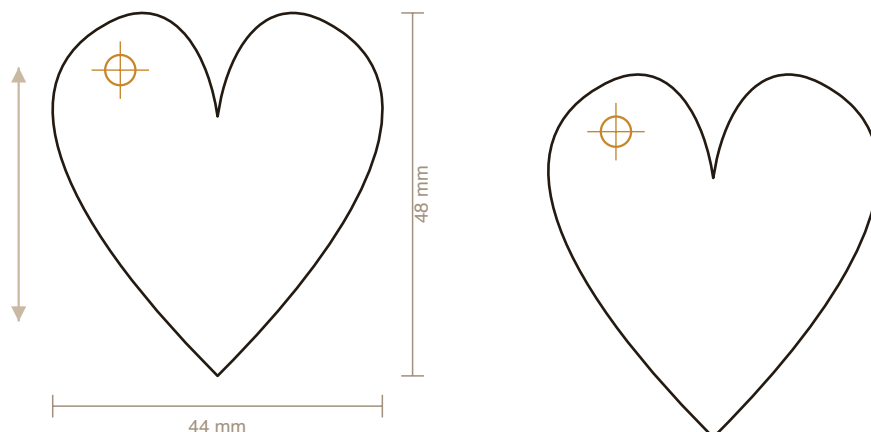
PRINT CHECK – BEFORE YOU CUT ANYTHING

Print this page at **100% / Actual size** (never “Fit to page”). Then measure the bar below with a ruler: it has to be exactly **100 mm**. If it is not, your printer rescaled the page and every piece will come out the wrong size.



↑ this bar must measure exactly 100 mm

FULL-SIZE TEMPLATE – two copies, so you can keep one and give one away



WHAT EACH LINE MEANS

- CUT – solid line, follow it with the saw
- DRILL – Ø 4 mm, before cutting the outline
- ENGRAVE – burn or laser only, do not cut
- GRAIN – run the wood grain this way

HOW TO MAKE IT

1. Check the bar above, then cut the paper template out roughly.
2. Stick it to the board with repositionable spray adhesive, or trace the outline with a pencil.
3. **Drill the Ø 4 mm hole first**, while the board is still big and easy to hold.
4. Cut the outline, sand 120 → 240 grit, peel the paper off, oil or wax it and fit the split ring.

TIP FROM THE WORKSHOP

The easiest one to start with: no inside corners and the grain runs the long way, so nothing snaps at the tip.

SPECS

Finished size	44 × 48 mm
Wood thickness	3-6 mm
Ring hole	Ø 4 mm
Blade	#5 skip-tooth (or 1.5 mm laser kerf)
Key ring	20-25 mm split ring

WANT IT BIGGER OR SMALLER?

Reprint this page at the scale you want. These are the exact sizes you get:

Print scale	Finished size
75 %	33 × 36 mm
100 %	44 × 48 mm
125 %	55 × 60 mm
150 %	65 × 72 mm

Sitting Cat

Level: Intermediate

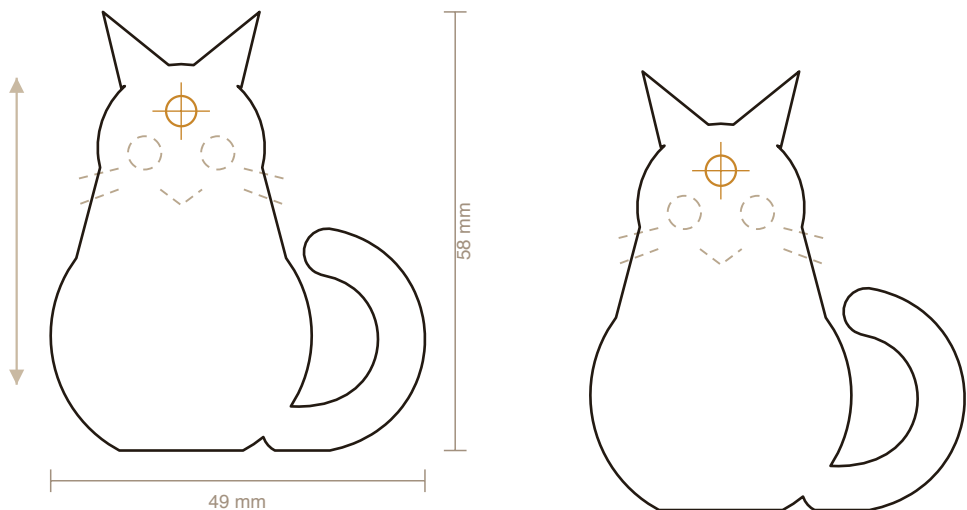
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4. Cut the outline, sand 120 → 240 grit, peel the paper off, oil or wax it and fit the split ring.

TIP FROM THE WORKSHOP

Cut the tail last and keep a finger behind it while you sand – it is the thinnest part of the whole set.

SPECS

Finished size	49 × 58 mm
Wood thickness	3-6 mm
Ring hole	Ø 4 mm
Blade	#5 skip-tooth (or 1.5 mm laser kerf)
Key ring	20-25 mm split ring

WANT IT BIGGER OR SMALLER?

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Print scale	Finished size
75 %	37 × 44 mm
100 %	49 × 58 mm
125 %	62 × 72 mm
150 %	74 × 87 mm

Pine Tree

Level: Beginner

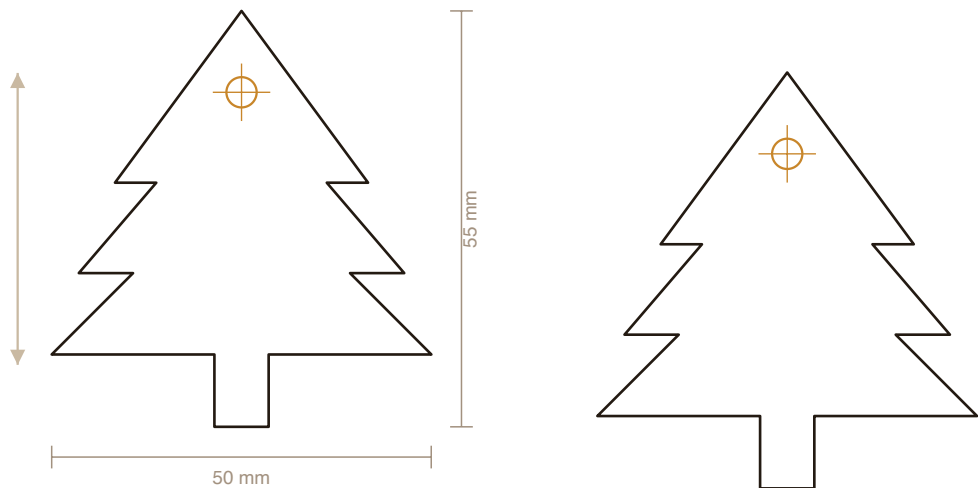
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4. Cut the outline, sand 120 → 240 grit, peel the paper off, oil or wax it and fit the split ring.

TIP FROM THE WORKSHOP

All straight cuts. A good one to practise turning the piece into the blade instead of forcing the blade sideways.

SPECS

Finished size	50 × 55 mm
Wood thickness	3-6 mm
Ring hole	Ø 4 mm
Blade	#5 skip-tooth (or 1.5 mm laser kerf)
Key ring	20-25 mm split ring

WANT IT BIGGER OR SMALLER?

Reprint this page at the scale you want. These are the exact sizes you get:

Print scale	Finished size
75 %	38 × 41 mm
100 %	50 × 55 mm
125 %	63 × 69 mm
150 %	75 × 82 mm

Five-Point Star

Level: Intermediate

04/21

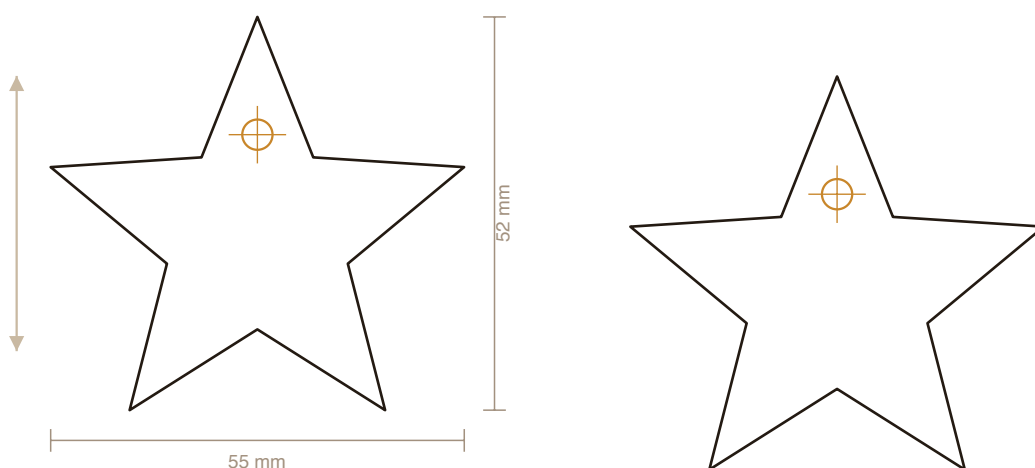
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4. Cut the outline, sand 120 → 240 grit, peel the paper off, oil or wax it and fit the split ring.

TIP FROM THE WORKSHOP

Stop the cut exactly in each inner corner and back out; do not turn the blade inside the corner or it will burn the wood.

SPECS

Finished size	55 × 52 mm
Wood thickness	3-6 mm
Ring hole	Ø 4 mm
Blade	#5 skip-tooth (or 1.5 mm laser kerf)
Key ring	20-25 mm split ring

WANT IT BIGGER OR SMALLER?

Reprint this page at the scale you want. These are the exact sizes you get:

Print scale	Finished size
75 %	41 × 39 mm
100 %	55 × 52 mm
125 %	68 × 65 mm
150 %	82 × 78 mm

Crescent Moon

Level: Beginner

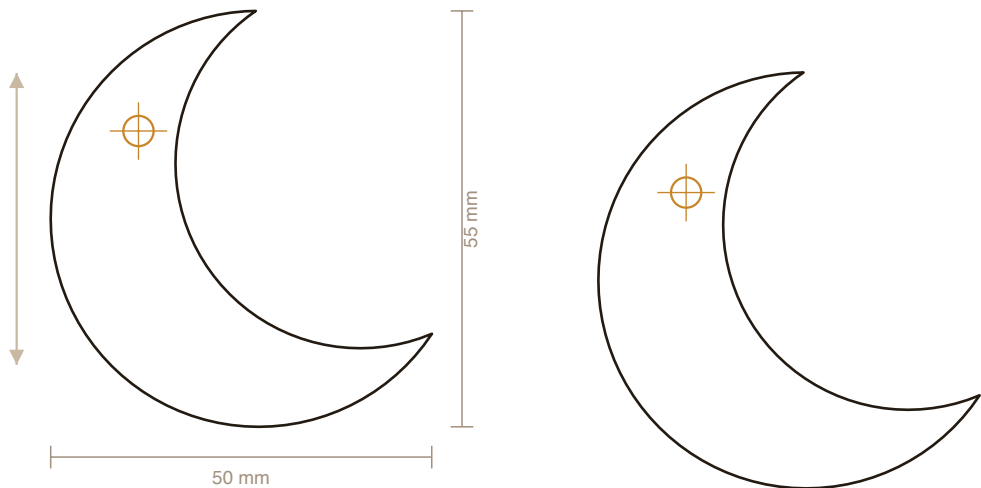
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- Drill the Ø 4 mm hole first**, while the board is still big and easy to hold.
- Cut the outline, sand 120 → 240 grit, peel the paper off, oil or wax it and fit the split ring.

TIP FROM THE WORKSHOP

Two arcs, nothing else. Sand the inside curve with sandpaper wrapped around a pencil.

SPECS

Finished size	50 × 55 mm
Wood thickness	3-6 mm
Ring hole	Ø 4 mm
Blade	#5 skip-tooth (or 1.5 mm laser kerf)
Key ring	20-25 mm split ring

WANT IT BIGGER OR SMALLER?

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Print scale	Finished size
75 %	38 × 41 mm
100 %	50 × 55 mm
125 %	63 × 69 mm
150 %	76 × 82 mm

Little Fish

Level: Intermediate

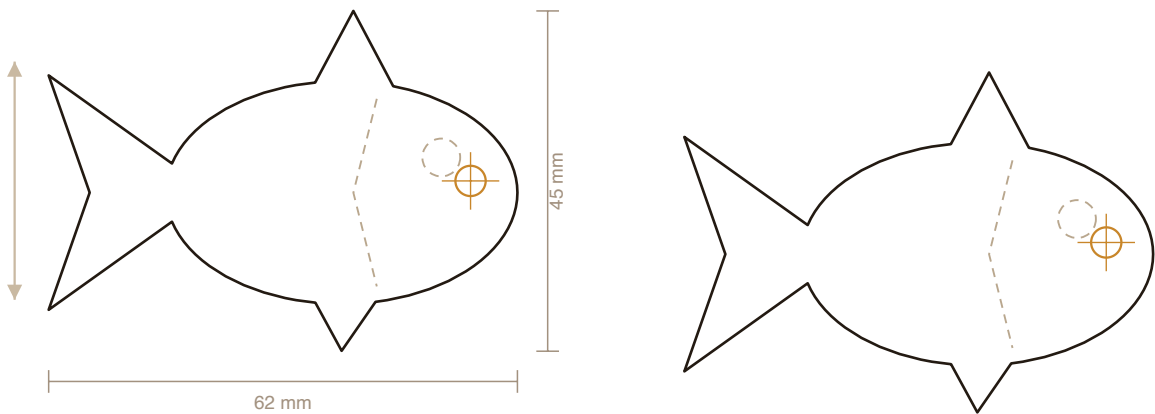
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- Cut the outline, sand 120 → 240 grit, peel the paper off, oil or wax it and fit the split ring.

TIP FROM THE WORKSHOP

The hole goes in the nose so the fish hangs level. Burn the eye and the gill line before you cut it out.

SPECS

Finished size	62 × 45 mm
Wood thickness	3-6 mm
Ring hole	Ø 4 mm
Blade	#5 skip-tooth (or 1.5 mm laser kerf)
Key ring	20-25 mm split ring

WANT IT BIGGER OR SMALLER?

Reprint this page at the scale you want. These are the exact sizes you get:

Print scale	Finished size
75 %	46 × 34 mm
100 %	62 × 45 mm
125 %	78 × 56 mm
150 %	93 × 67 mm

Leaf

Level: Beginner

07 /21

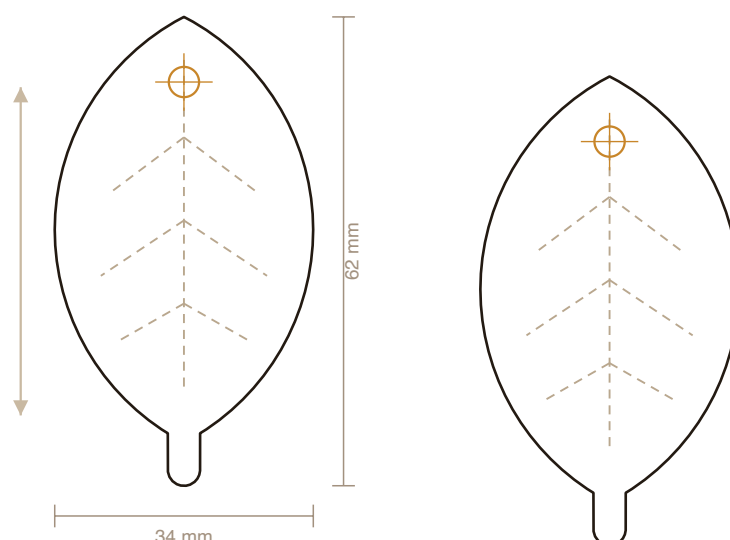
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4. Cut the outline, sand 120 → 240 grit, peel the paper off, oil or wax it and fit the split ring.

TIP FROM THE WORKSHOP

Run the grain from the stem to the tip. Across the grain the point breaks off while you sand it.

SPECS

Finished size	34 × 62 mm
Wood thickness	3-6 mm
Ring hole	Ø 4 mm
Blade	#5 skip-tooth (or 1.5 mm laser kerf)
Key ring	20-25 mm split ring

WANT IT BIGGER OR SMALLER?

Reprint this page at the scale you want. These are the exact sizes you get:

Print scale	Finished size
75 %	26 × 46 mm
100 %	34 × 62 mm
125 %	43 × 77 mm
150 %	51 × 93 mm

Little House

Level: Beginner

08/21

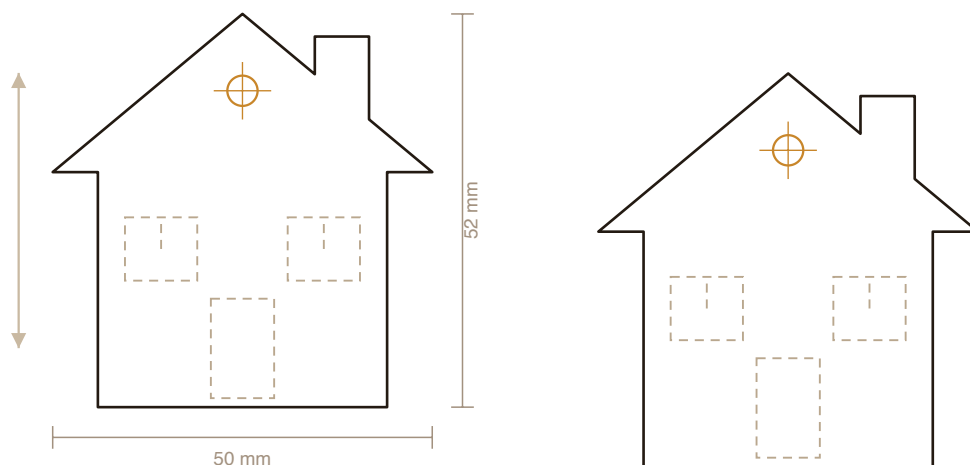
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3. **Drill the Ø 4 mm hole first**, while the board is still big and easy to hold.
4. Cut the outline, sand 120 → 240 grit, peel the paper off, oil or wax it and fit the split ring.

TIP FROM THE WORKSHOP

Great housewarming gift: burn the street number on the door before assembling the ring.

SPECS

Finished size	50 × 52 mm
Wood thickness	3-6 mm
Ring hole	Ø 4 mm
Blade	#5 skip-tooth (or 1.5 mm laser kerf)
Key ring	20-25 mm split ring

WANT IT BIGGER OR SMALLER?

Reprint this page at the scale you want. These are the exact sizes you get:

Print scale	Finished size
75 %	38 × 39 mm
100 %	50 × 52 mm
125 %	63 × 65 mm
150 %	75 × 78 mm

Airplane

Level: Intermediate

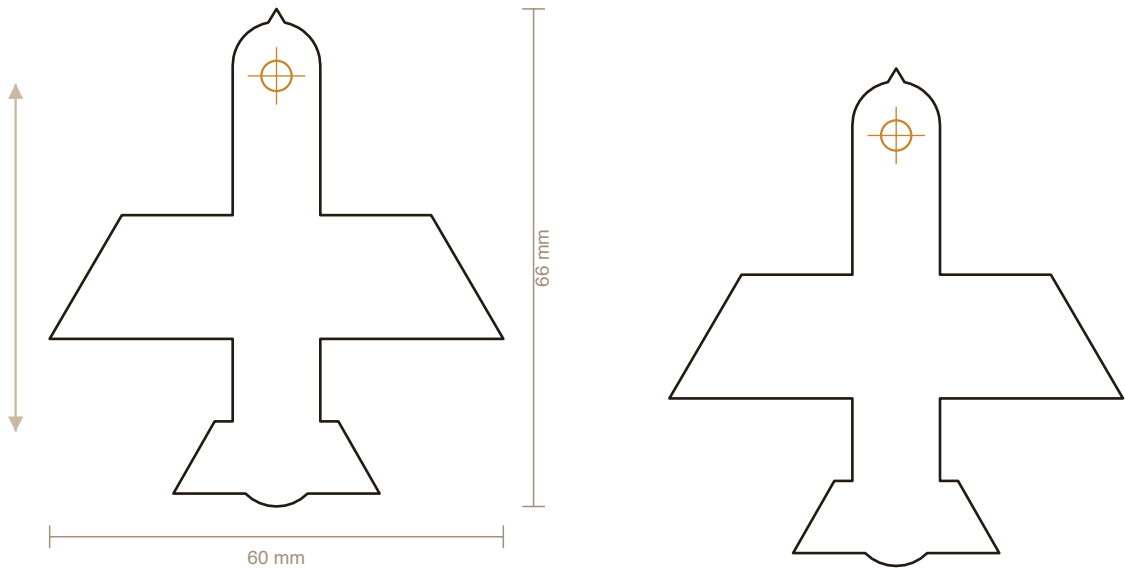
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3. **Drill the Ø 4 mm hole first**, while the board is still big and easy to hold.
4. Cut the outline, sand 120 → 240 grit, peel the paper off, oil or wax it and fit the split ring.

TIP FROM THE WORKSHOP

Cut the two wing notches first, while the blank is still big and easy to hold.

SPECS

Finished size	60 × 66 mm
Wood thickness	3-6 mm
Ring hole	Ø 4 mm
Blade	#5 skip-tooth (or 1.5 mm laser kerf)
Key ring	20-25 mm split ring

WANT IT BIGGER OR SMALLER?

Reprint this page at the scale you want. These are the exact sizes you get:

Print scale	Finished size
75 %	45 × 49 mm
100 %	60 × 66 mm
125 %	75 × 82 mm
150 %	90 × 99 mm

Vintage Key

Level: Intermediate

10/21

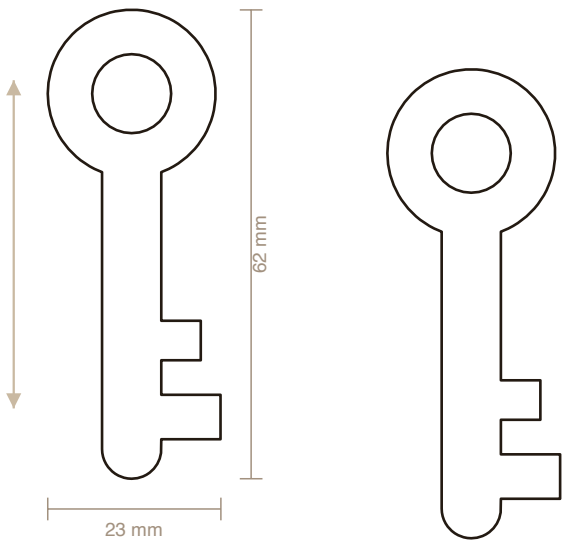
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- Cut the outline, sand 120 → 240 grit, peel the paper off, oil or wax it and fit the split ring.

TIP FROM THE WORKSHOP

Drill a Ø 8 mm starter hole inside the ring, unhook the blade, thread it through and cut the ring from the inside out.

SPECS

Finished size	23 × 62 mm
Wood thickness	3-6 mm
Ring hole	This one needs no drilling: the ring of the key is already the hole (Ø 16 mm).
Blade	#5 skip-tooth (or 1.5 mm laser kerf)
Key ring	20-25 mm split ring

WANT IT BIGGER OR SMALLER?

Reprint this page at the scale you want. These are the exact sizes you get:

Print scale	Finished size
75 %	17 × 46 mm
100 %	23 × 62 mm
125 %	29 × 78 mm
150 %	34 × 93 mm

Guitar

Level: Advanced

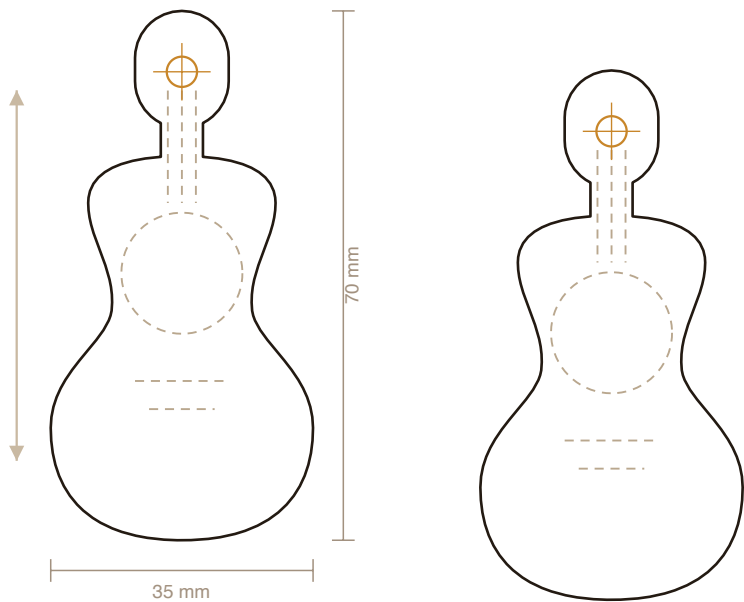
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- Drill the Ø 4 mm hole first**, while the board is still big and easy to hold.
- Cut the outline, sand 120 → 240 grit, peel the paper off, oil or wax it and fit the split ring.

TIP FROM THE WORKSHOP

The waist is where beginners cut through. Slow down as the two curves meet and let the blade do the work.

SPECS

Finished size	35 × 70 mm
Wood thickness	3-6 mm
Ring hole	Ø 4 mm
Blade	#5 skip-tooth (or 1.5 mm laser kerf)
Key ring	20-25 mm split ring

WANT IT BIGGER OR SMALLER?

Reprint this page at the scale you want. These are the exact sizes you get:

Print scale	Finished size
75 %	26 × 52 mm
100 %	35 × 70 mm
125 %	43 × 88 mm
150 %	52 × 105 mm

Anchor

Level: Advanced

12/21

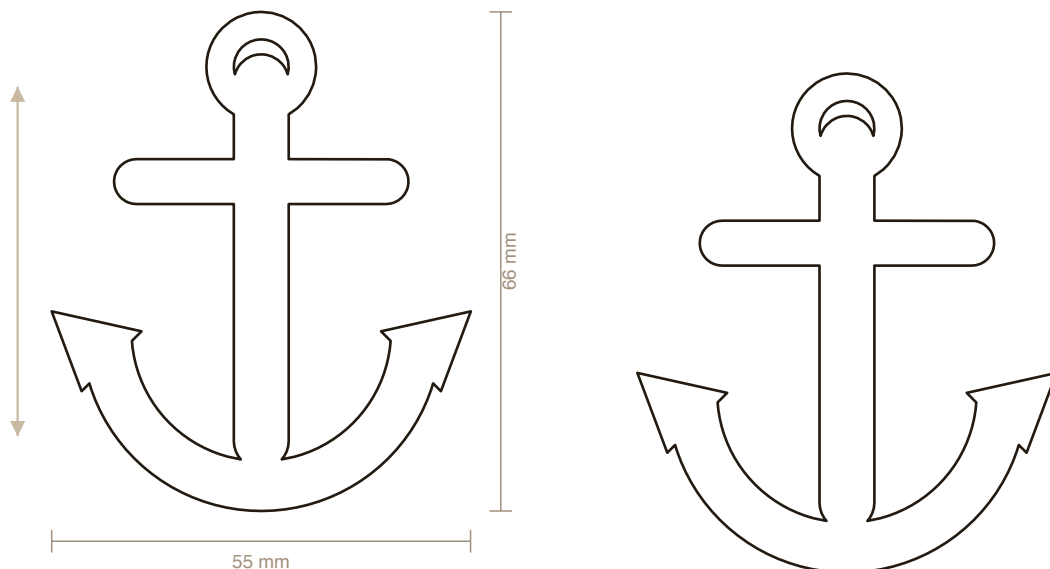
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3. **Drill the Ø 4 mm hole first**, while the board is still big and easy to hold.
4. Cut the outline, sand 120 → 240 grit, peel the paper off, oil or wax it and fit the split ring.

TIP FROM THE WORKSHOP

Use 5 mm plywood or thicker here. In 3 mm the crossbar is fragile against the grain.

SPECS

Finished size	55 × 66 mm
Wood thickness	3-6 mm
Ring hole	No drilling: the top ring is the hole (Ø 11 mm).
Blade	#5 skip-tooth (or 1.5 mm laser kerf)
Key ring	20-25 mm split ring

WANT IT BIGGER OR SMALLER?

Reprint this page at the scale you want. These are the exact sizes you get:

Print scale	Finished size
75 %	42 × 50 mm
100 %	55 × 66 mm
125 %	69 × 82 mm
150 %	83 × 99 mm

Dog Bone

Level: Beginner

13/21

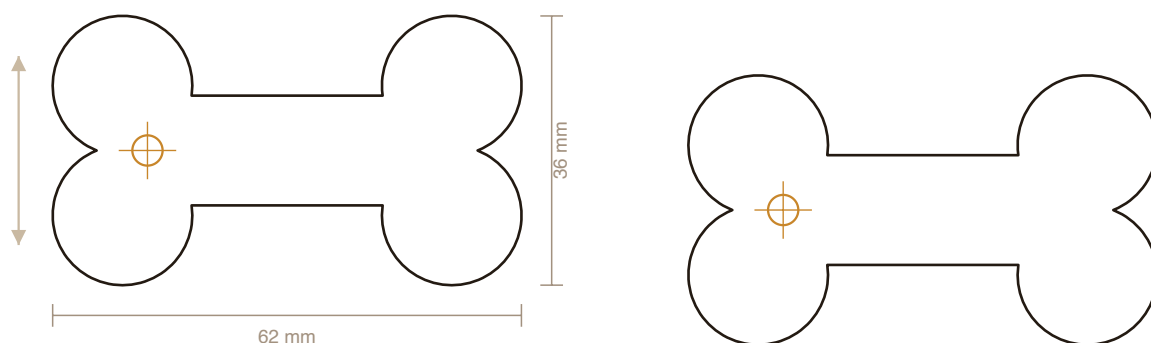
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4. Cut the outline, sand 120 → 240 grit, peel the paper off, oil or wax it and fit the split ring.

TIP FROM THE WORKSHOP

The classic pet tag. Burn the name on one side and your phone number on the other.

SPECS

Finished size	62 × 36 mm
Wood thickness	3-6 mm
Ring hole	Ø 4 mm
Blade	#5 skip-tooth (or 1.5 mm laser kerf)
Key ring	20-25 mm split ring

WANT IT BIGGER OR SMALLER?

Reprint this page at the scale you want. These are the exact sizes you get:

Print scale	Finished size
75 %	46 × 27 mm
100 %	62 × 36 mm
125 %	78 × 45 mm
150 %	93 × 53 mm

Cactus

Level: Intermediate

14/21

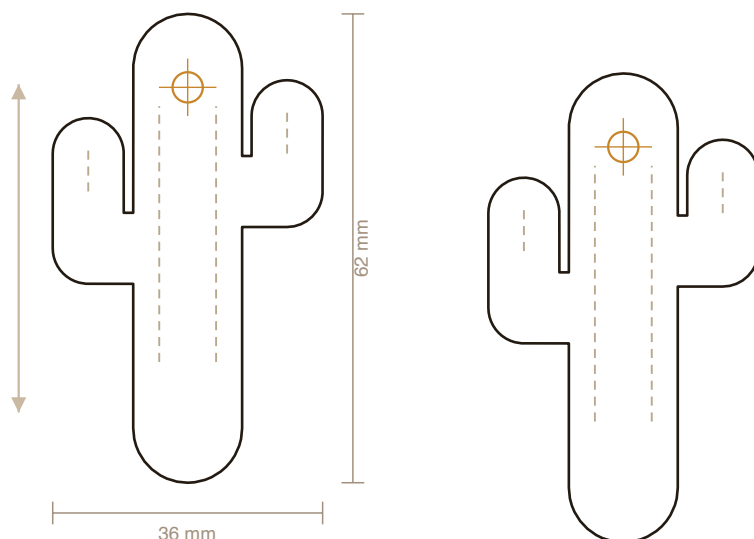
PRINT CHECK – BEFORE YOU CUT ANYTHING

Print this page at **100% / Actual size** (never “Fit to page”). Then measure the bar below with a ruler: it has to be exactly **100 mm**. If it is not, your printer rescaled the page and every piece will come out the wrong size.



↑ this bar must measure exactly 100 mm

FULL-SIZE TEMPLATE – two copies, so you can keep one and give one away



WHAT EACH LINE MEANS

- CUT – solid line, follow it with the saw
- DRILL – Ø 4 mm, before cutting the outline
- ENGRAVE – burn or laser only, do not cut
- GRAIN – run the wood grain this way

HOW TO MAKE IT

1. Check the bar above, then cut the paper template out roughly.
2. Stick it to the board with repositionable spray adhesive, or trace the outline with a pencil.
3. **Drill the Ø 4 mm hole first**, while the board is still big and easy to hold.
4. Cut the outline, sand 120 → 240 grit, peel the paper off, oil or wax it and fit the split ring.

TIP FROM THE WORKSHOP

Three rounded ends and two inside corners – the perfect second project after the heart.

SPECS

Finished size	36 × 62 mm
Wood thickness	3-6 mm
Ring hole	Ø 4 mm
Blade	#5 skip-tooth (or 1.5 mm laser kerf)
Key ring	20-25 mm split ring

WANT IT BIGGER OR SMALLER?

Reprint this page at the scale you want. These are the exact sizes you get:

Print scale	Finished size
75 %	27 × 46 mm
100 %	36 × 62 mm
125 %	45 × 78 mm
150 %	54 × 93 mm

Coffee Cup

Level: Intermediate

15/21

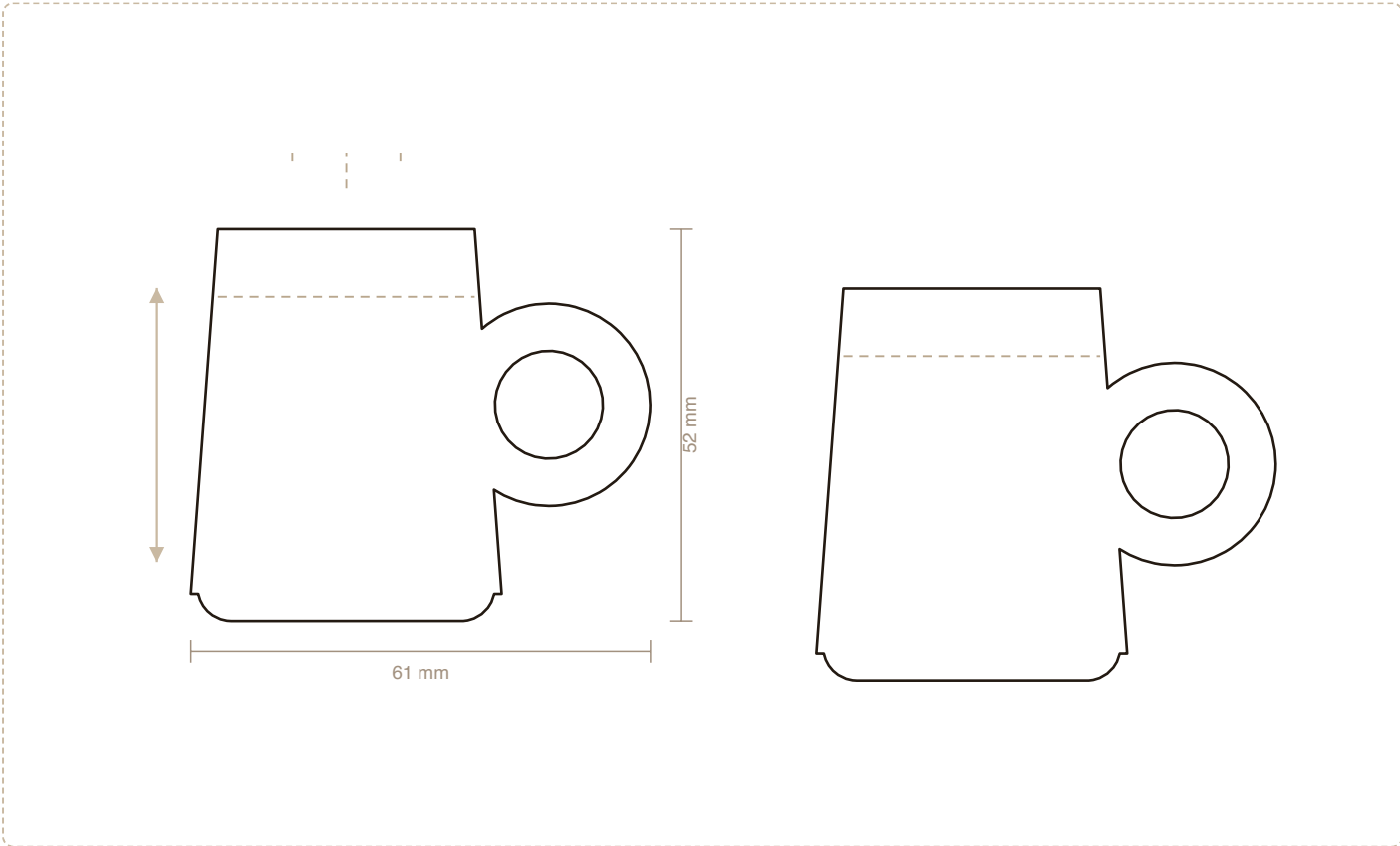
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TIP FROM THE WORKSHOP

Same inside-out trick as the key: starter hole in the handle first, then cut the ring.

SPECS

Finished size	61 × 52 mm
Wood thickness	3-6 mm
Ring hole	No drilling: the handle is the hole (Ø 16 mm).
Blade	#5 skip-tooth (or 1.5 mm laser kerf)
Key ring	20-25 mm split ring

WANT IT BIGGER OR SMALLER?

Reprint this page at the scale you want. These are the exact sizes you get:

Print scale	Finished size
75 %	46 × 39 mm
100 %	61 × 52 mm
125 %	76 × 65 mm
150 %	91 × 78 mm

Lightning Bolt

Level: Intermediate

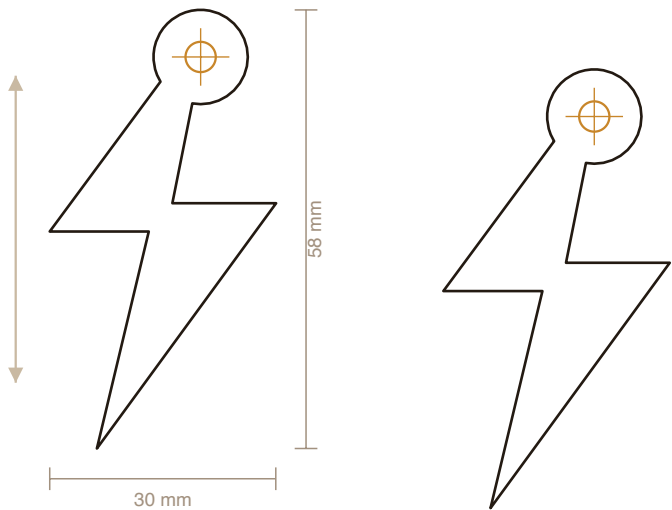
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TIP FROM THE WORKSHOP

Six straight cuts, two of them very sharp. Mark the corners with a pencil dot so you know exactly where to stop.

SPECS

Finished size	30 × 58 mm
Wood thickness	3-6 mm
Ring hole	Ø 4 mm
Blade	#5 skip-tooth (or 1.5 mm laser kerf)
Key ring	20-25 mm split ring

WANT IT BIGGER OR SMALLER?

Reprint this page at the scale you want. These are the exact sizes you get:

Print scale	Finished size
75 %	22 × 44 mm
100 %	30 × 58 mm
125 %	37 × 72 mm
150 %	45 × 87 mm

Music Note

Level: Intermediate

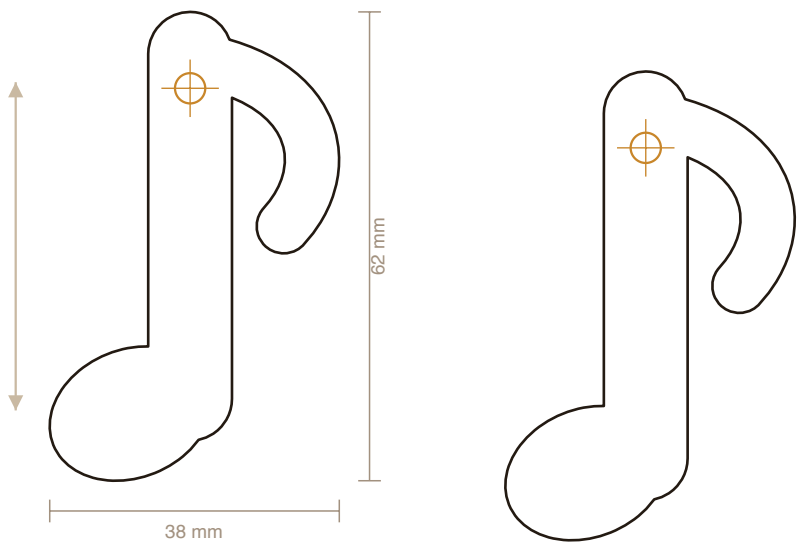
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TIP FROM THE WORKSHOP

Leave the flag attached to the stem – do not try to cut a gap between them, it will break.

SPECS

Finished size	38 × 62 mm
Wood thickness	3-6 mm
Ring hole	Ø 4 mm
Blade	#5 skip-tooth (or 1.5 mm laser kerf)
Key ring	20-25 mm split ring

WANT IT BIGGER OR SMALLER?

Reprint this page at the scale you want. These are the exact sizes you get:

Print scale	Finished size
75 %	29 × 46 mm
100 %	38 × 62 mm
125 %	48 × 78 mm
150 %	57 × 93 mm

Butterfly

Level: Advanced

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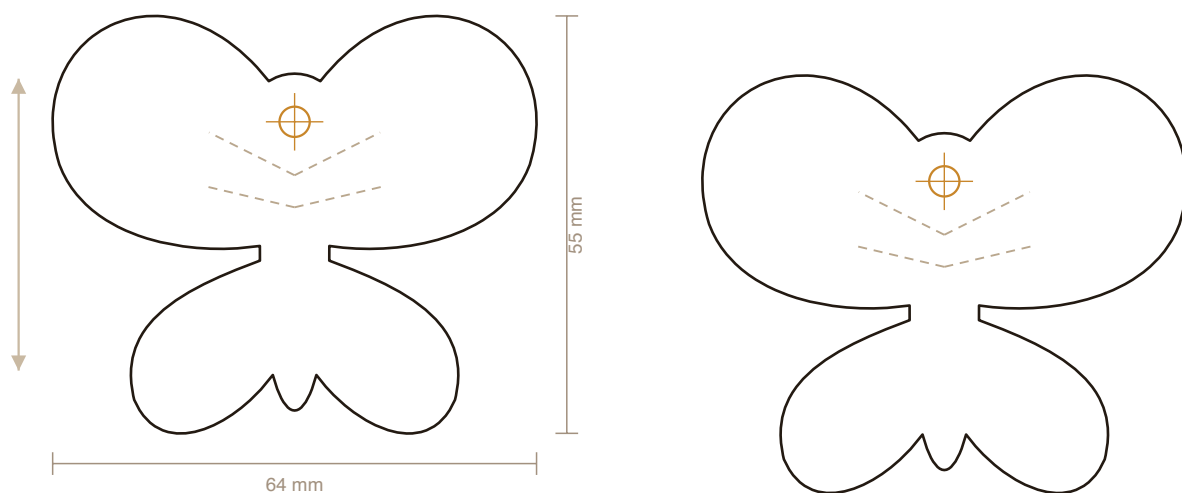
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TIP FROM THE WORKSHOP

Cut one wing, then flip the piece and use the first wing as your eye reference for the second.

SPECS

Finished size	64 × 55 mm
Wood thickness	3-6 mm
Ring hole	Ø 4 mm
Blade	#5 skip-tooth (or 1.5 mm laser kerf)
Key ring	20-25 mm split ring

WANT IT BIGGER OR SMALLER?

Reprint this page at the scale you want. These are the exact sizes you get:

Print scale	Finished size
75 %	48 × 41 mm
100 %	64 × 55 mm
125 %	80 × 69 mm
150 %	96 × 83 mm

Little Bird

Level: Intermediate

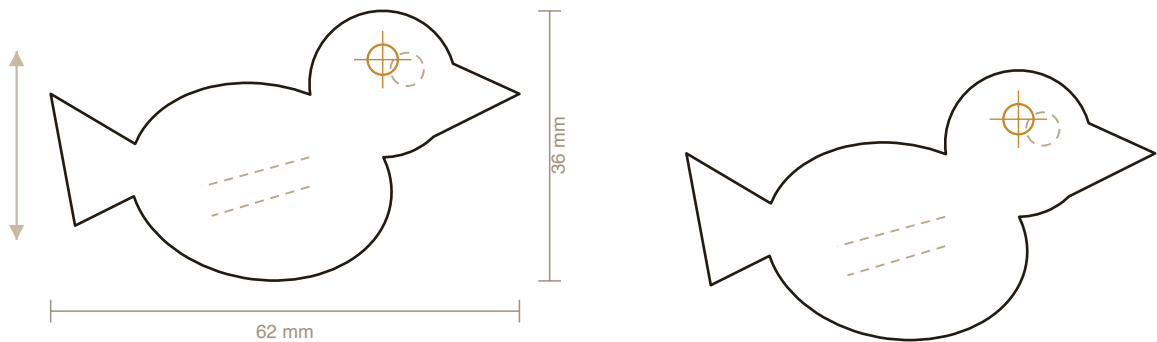
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TIP FROM THE WORKSHOP

The beak is the weak point. Sand it with the grain only, never across it.

SPECS

Finished size	62 × 36 mm
Wood thickness	3-6 mm
Ring hole	Ø 4 mm
Blade	#5 skip-tooth (or 1.5 mm laser kerf)
Key ring	20-25 mm split ring

WANT IT BIGGER OR SMALLER?

Reprint this page at the scale you want. These are the exact sizes you get:

Print scale	Finished size
75 %	46 × 27 mm
100 %	62 × 36 mm
125 %	78 × 45 mm
150 %	93 × 53 mm

Initial Tag (A-Z)

Level: Beginner

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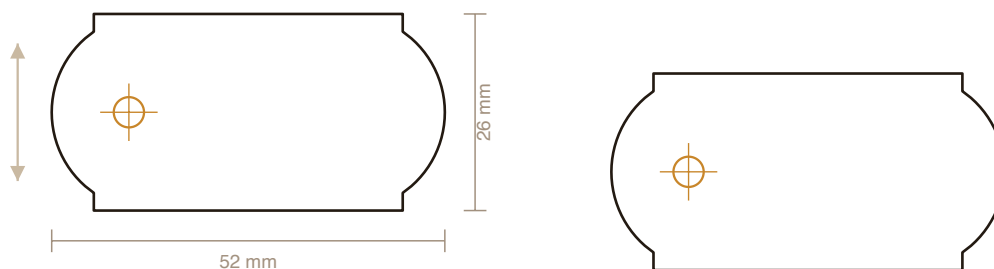
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TIP FROM THE WORKSHOP

One outline, twenty-six keychains. Cut a stack of blank tags in one session and burn the letter on demand.

SPECS

Finished size	52 × 26 mm
Wood thickness	3-6 mm
Ring hole	Ø 4 mm
Blade	#5 skip-tooth (or 1.5 mm laser kerf)
Key ring	20-25 mm split ring

WANT IT BIGGER OR SMALLER?

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Print scale	Finished size
75 %	39 × 20 mm
100 %	52 × 26 mm
125 %	65 × 32 mm
150 %	78 × 39 mm

Initial Tag – A to Z

Every letter and number at the size it goes on the tag

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Cut the tag from template 20, then transfer one of these letters onto it: trace it through with carbon paper, or print this sheet, cut the letter out and use it as a stencil. Burn it with a pyrography tip or engrave it with a laser – do not cut through.



↑ this bar must measure exactly 100 mm



Character height 16 mm · tag 52 × 26 mm

A B C D E F

G H I J K L

M N O P Q R

S T U V W X

Y Z 0 1 2 3 4

5 6 7 8 9