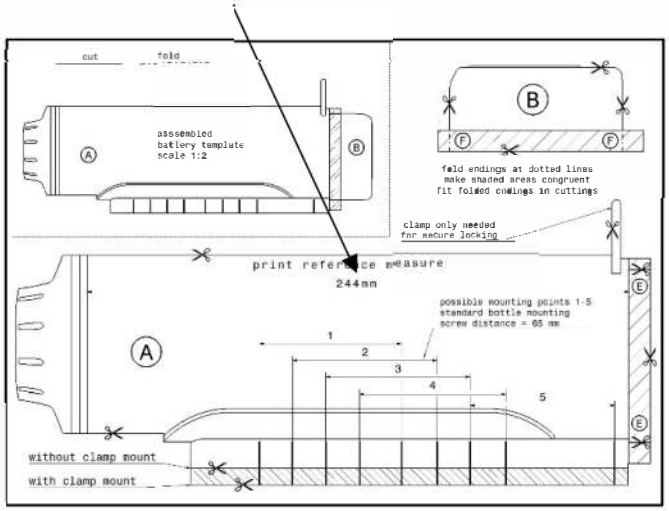
Battery template [300Wh]

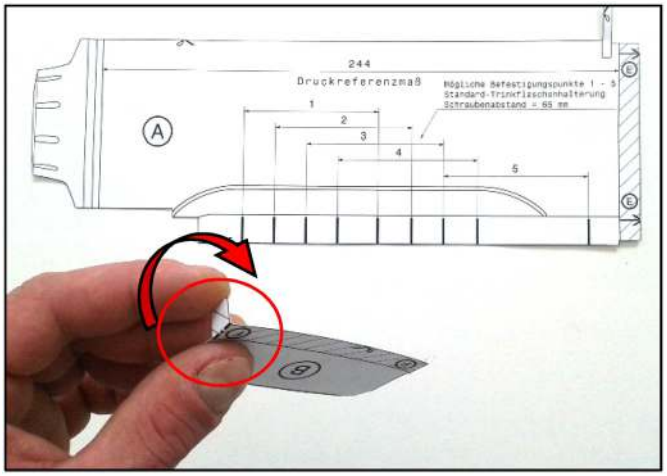
1. Print
- print setting - **„real size“**
- paper weight preferably 220 g/m²
- control of correct print with reference measure (244 mm)

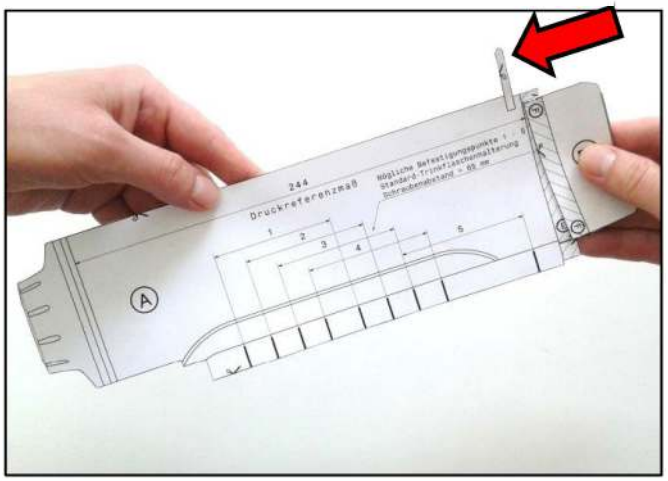
2. Cut out A, B, cut in E

3. Folding B on mark **F** (dashed-dotted-lines)

4. Combine A and **B**
- shaded areas congruent
- needed space for battery removal from holder already integrated in the template

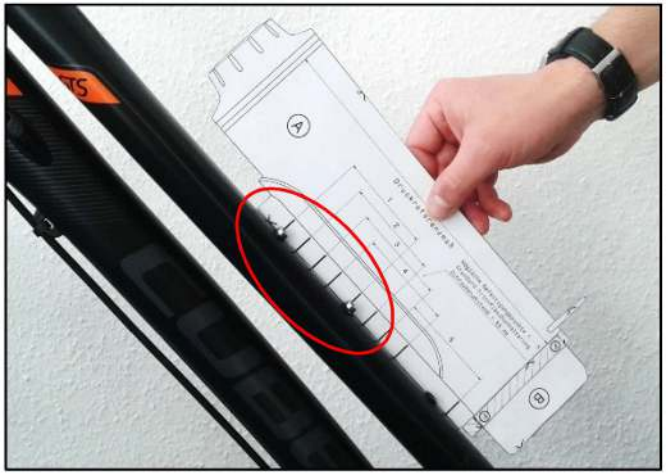




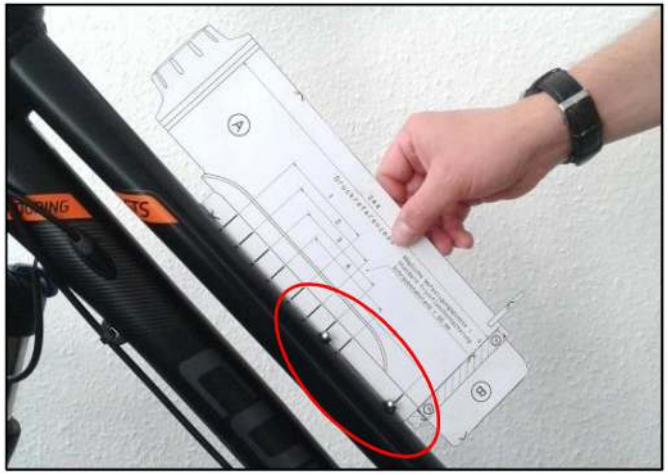


5. Checking the position on frame
- possible mounting points 1-5

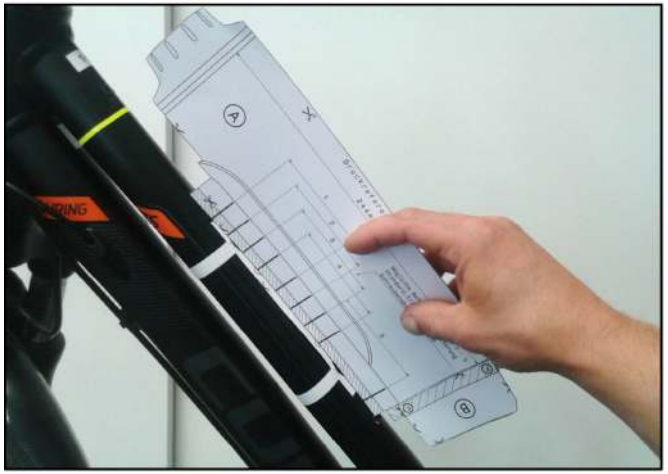
6. Checking the position on frame with clamp mount

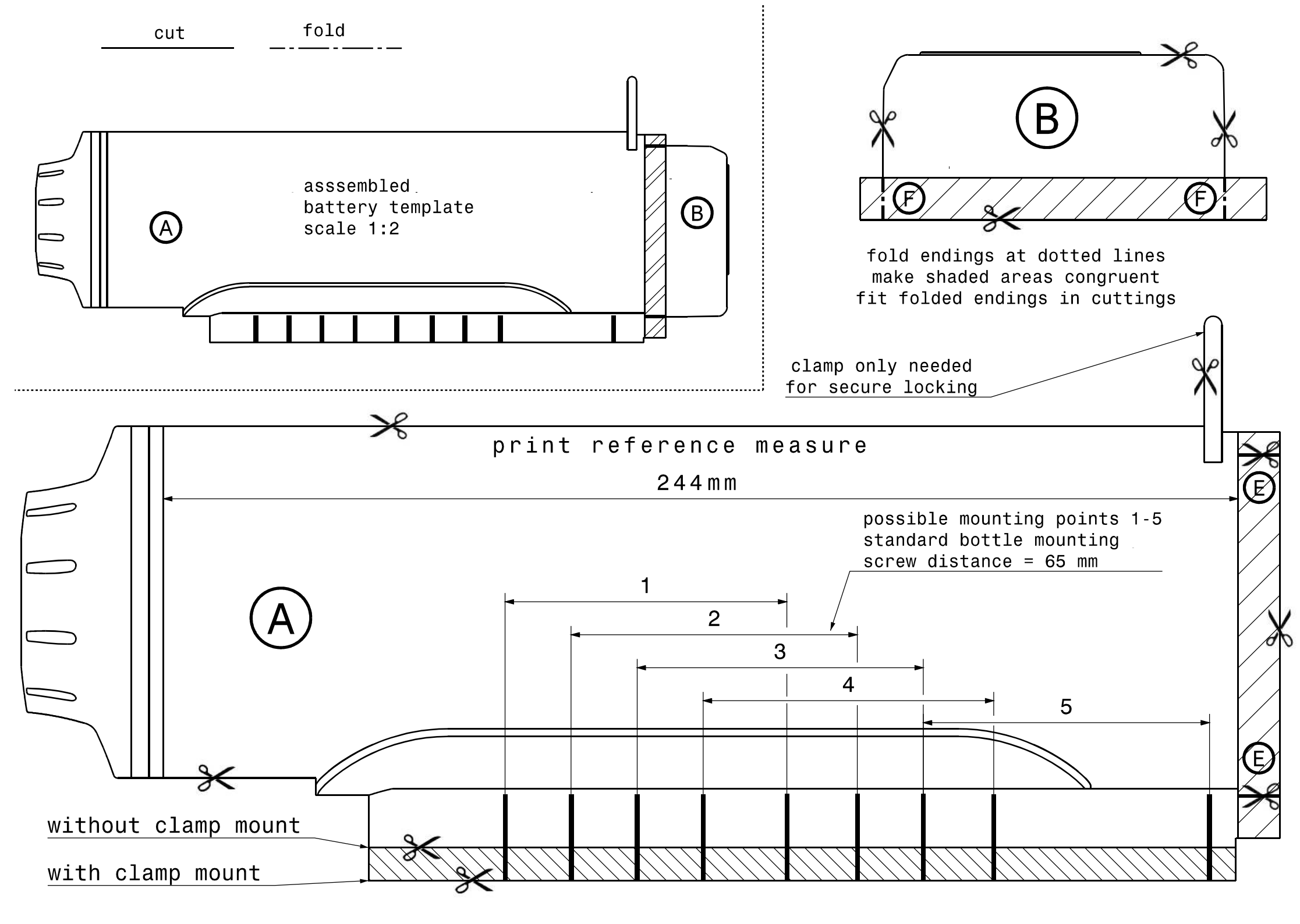


example position 1



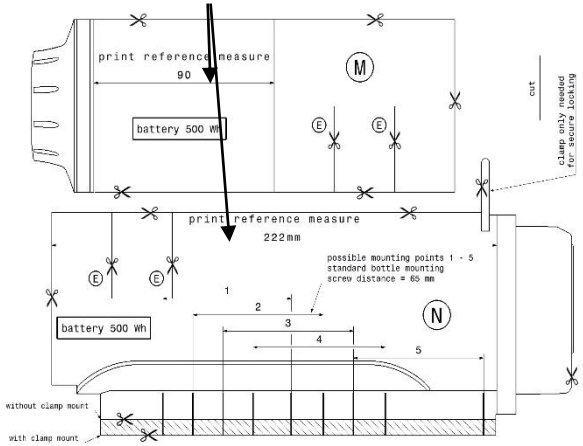
example position 5




cut
fold
asssembled
battery template
scale 1:2
A
B
B
F
F
fold endings at dotted lines
make shaded areas congruent
fit folded endings in cuttings
clamp only needed
for secure locking
print reference measure
244mm
E
E
possible mounting points 1-5
standard bottle mounting
screw distance = 65 mm
A
1
2
3
4
5
without clamp mount
with clamp mount

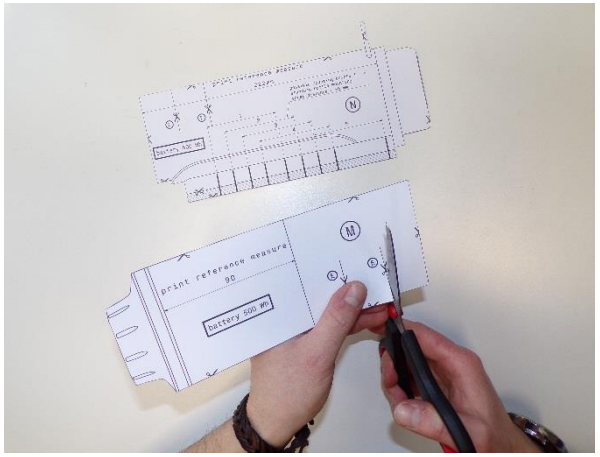
Battery template [500Wh]

1. Print
- print setting – **„real size“**
- paper weight preferably 220 g/m²
- control of correct print with reference measure (90/222 mm)

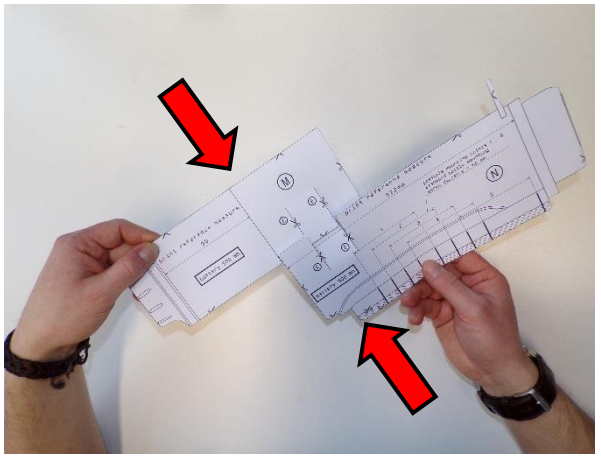


2. Cut out M and **N**

3. Cut in E

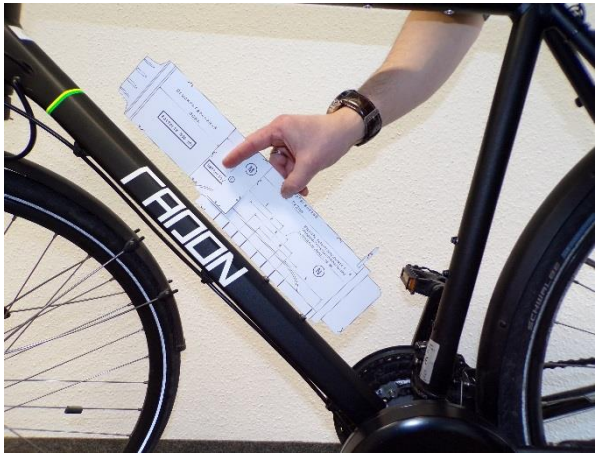


4. Combine M and **N**
- Fit together M and N in E
- needed space for battery removal from holder already integrated in the template



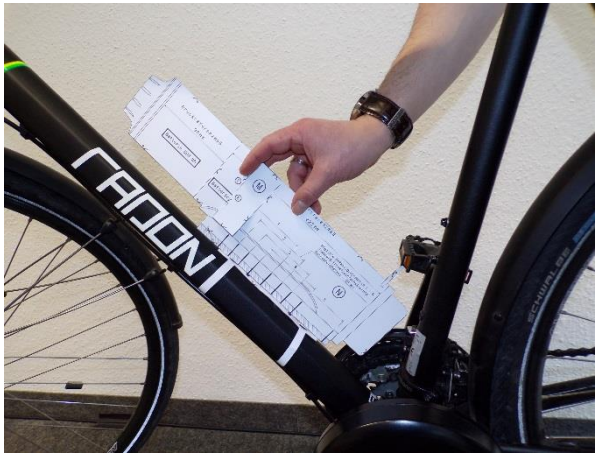
5. Checking the position on frame
- possible mounting points 1–5

example position 3

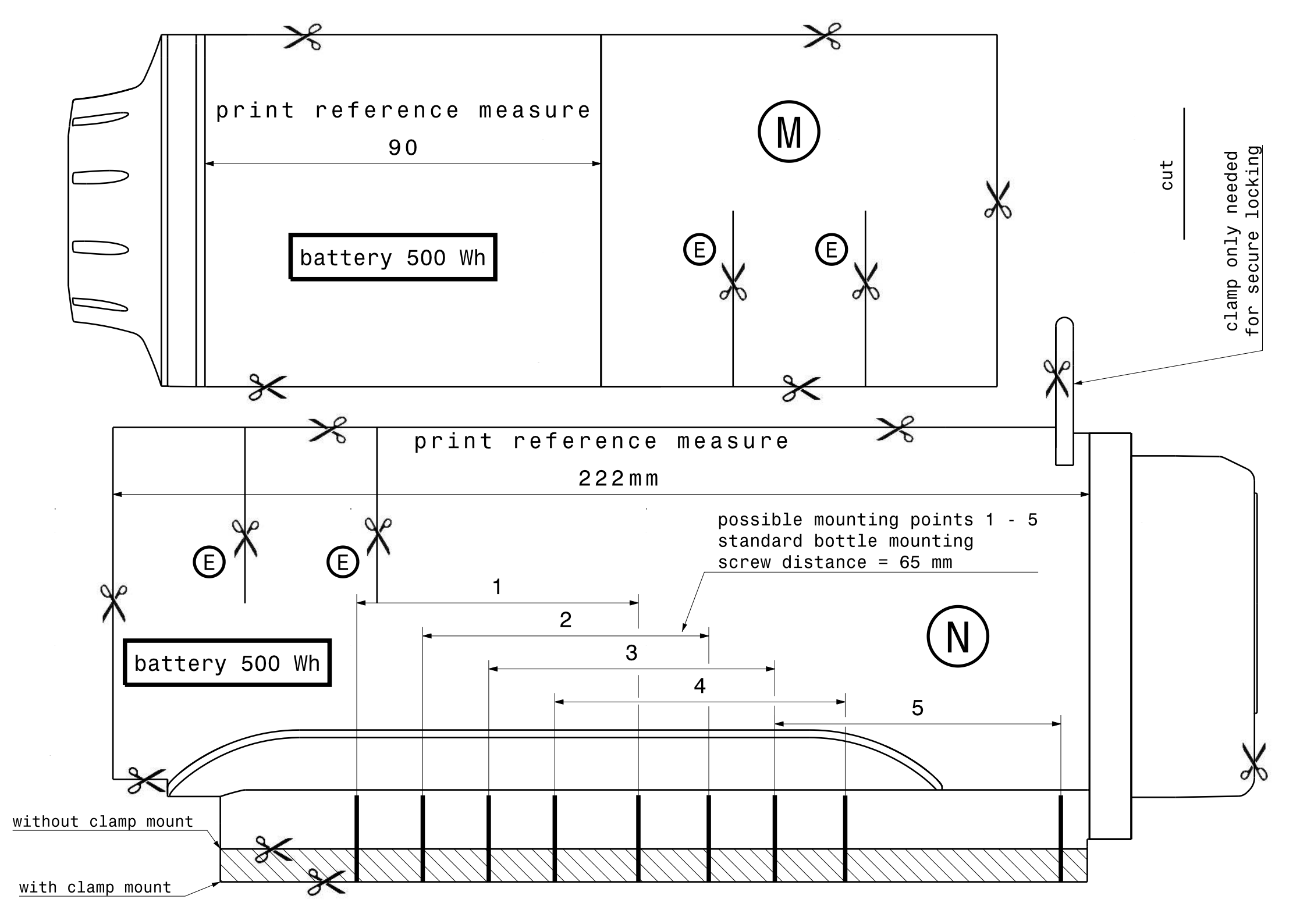


example position 5

6. Checking the position on frame with clamp mount

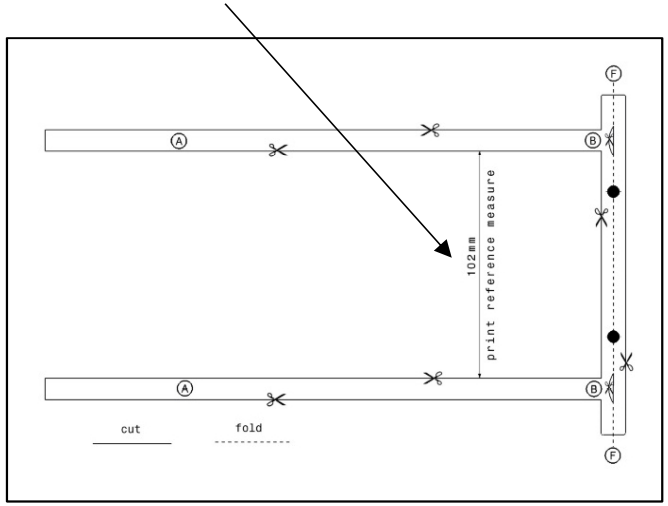


example position 4

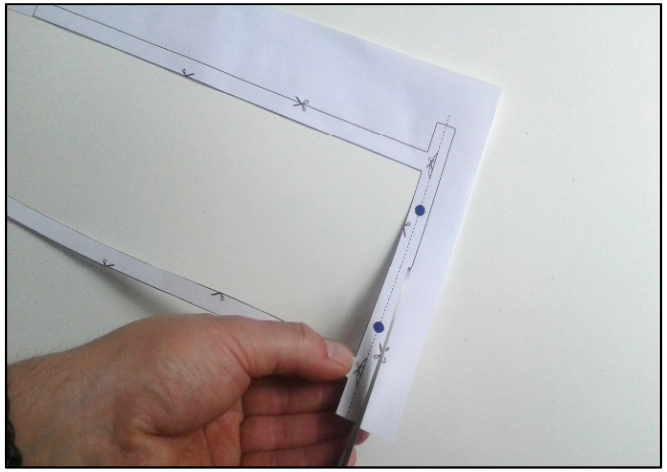

print reference measure
90
M
battery 500 Wh
E
E
cut
clamp only needed
for secure locking
print reference measure
222mm
possible mounting points 1 - 5
standard bottle mounting
screw distance = 65 mm
E
E
1
2
3
4
5
N
battery 500 Wh
without clamp mount
with clamp mount

Clamp mount template

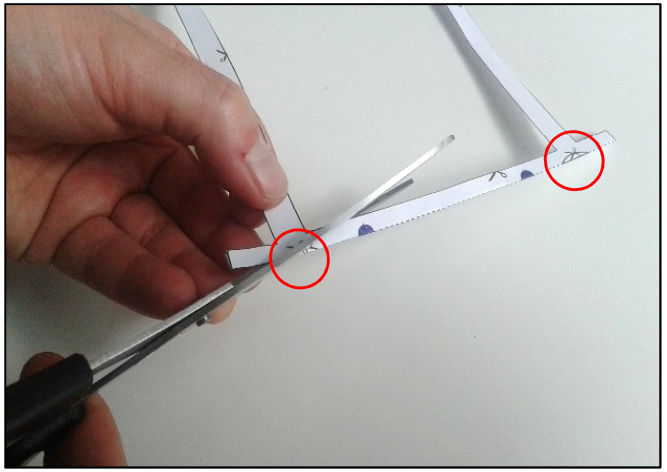
1. **Print**
- print setting - **„real size“**
- paper weight preferably 220 g/m²
- control of correct print with reference measure (102 mm)



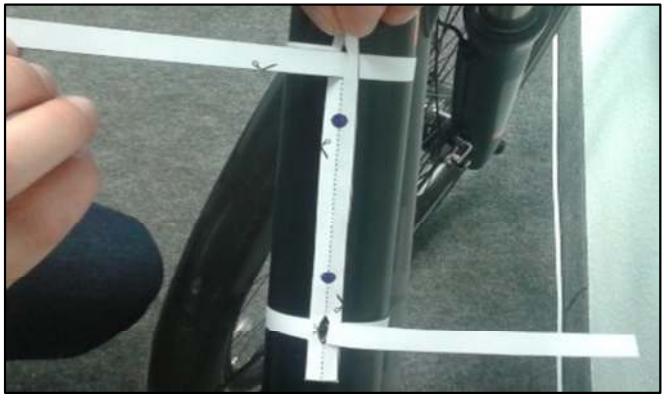
2. **Cut out** clamp mount template
- cut out template A



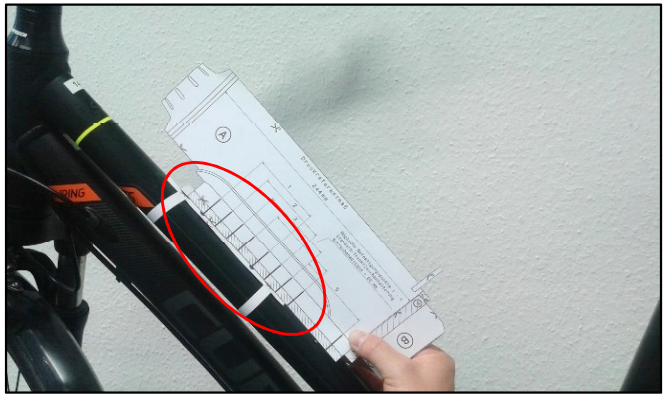
3. **Folding A** on mark **F** (dashed-line)
4. **Cut out** on mark **B**



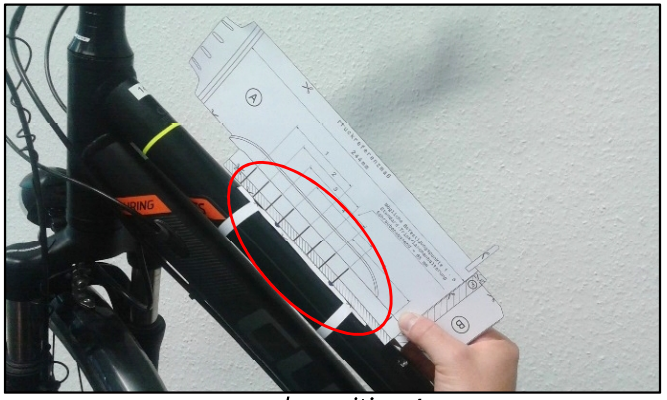
5. **Positioning** clamp mount template
- hold the template at the favored position
- pull the strap endings through the sliced holes



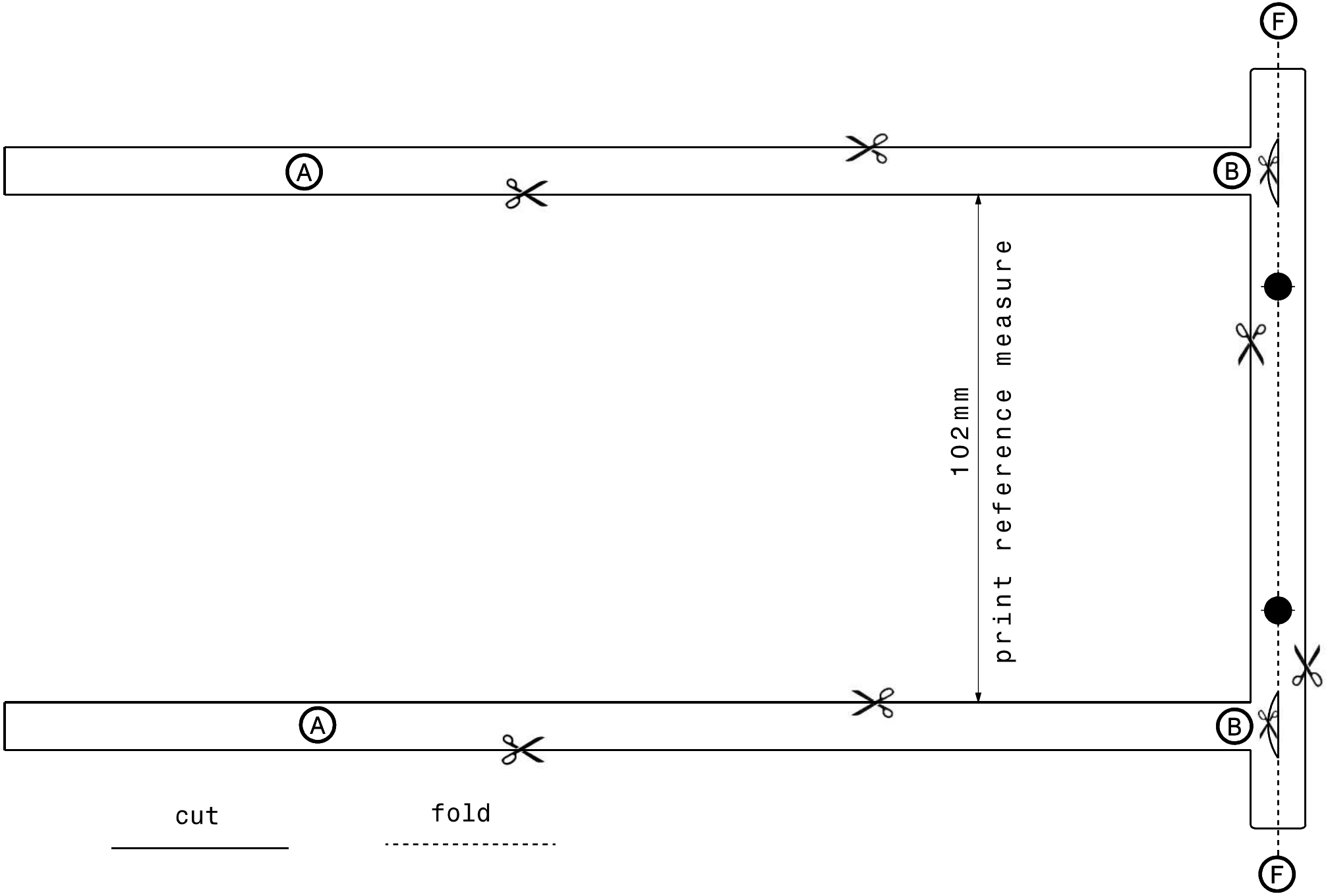
5. **Checking** position on frame
- possible positions 1-5



example position 1

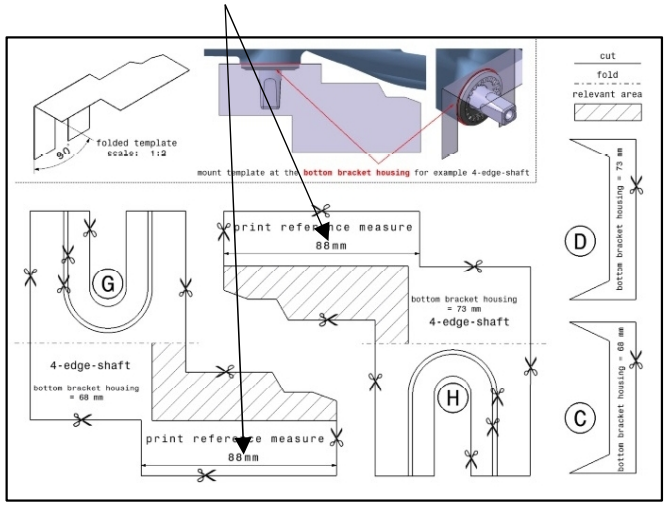


example position 4

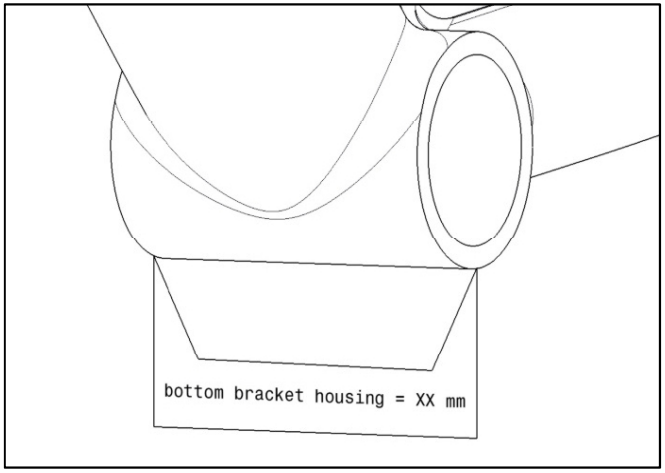

F
A
B
102mm
print reference measure
A
B
F
cut
fold

Motor template

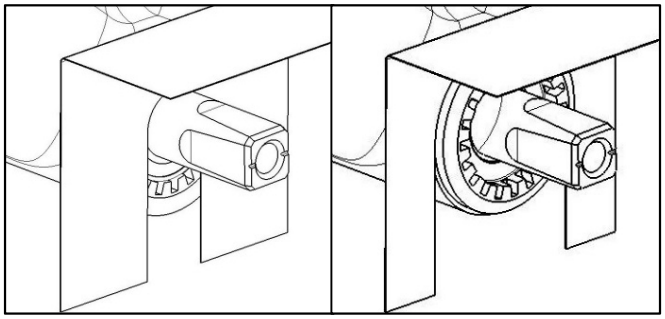
1. Print
- print setting - **„real size“**
- paper weight preferably 220 g/m²
- control of correct print with reference measure (88 mm)



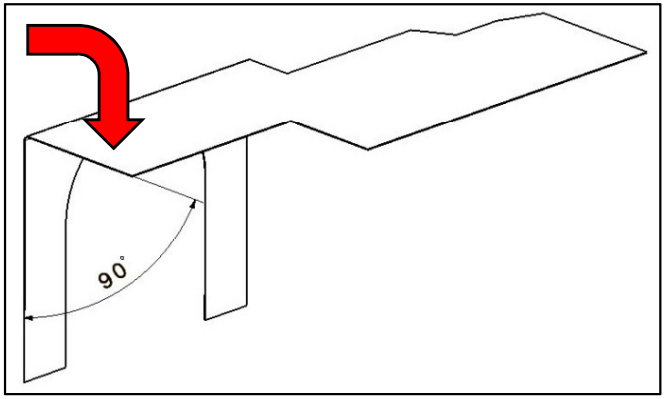
2. Cut out template bottom bracket housing
- cut out template **C and D**
- check bottom bracket width



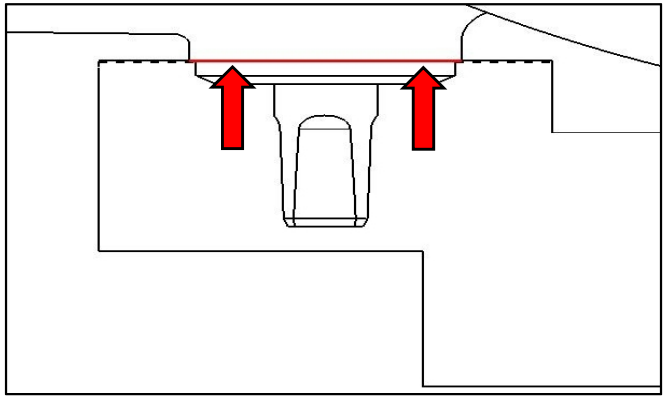
3. Cut out template motor
- Cut out template **G or H dependig on bottom bracket width**
- shaft without overcoming sleeve
  → cut out smallest radius
- shaft with overcoming sleeve without flange
  → cut out middle radius
- shaft with overcoming sleeve with flange
  → cut out biggest radius



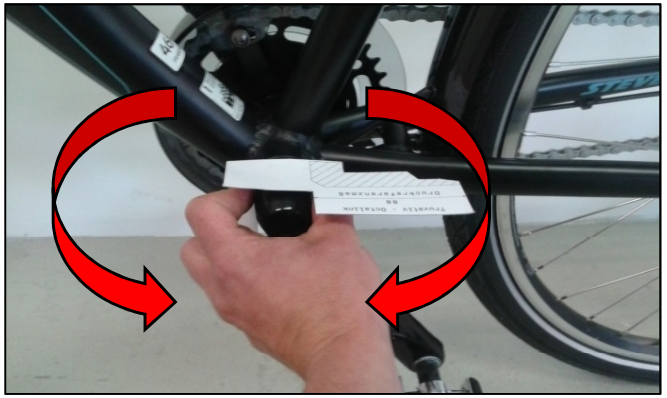
4. Folding
- in right angular on dashed-dotted-line

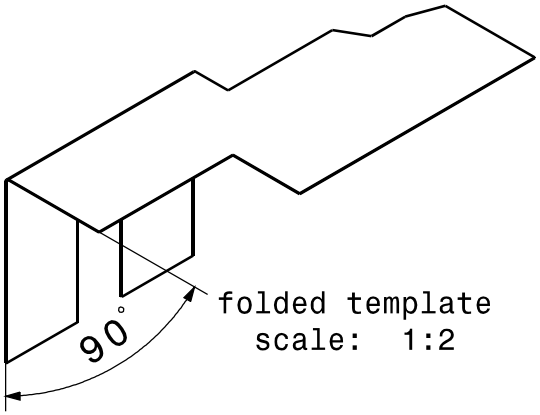


5. Positioning on frame
- apply directly on **bottom bracket housing**
- press on both sides for parallelity

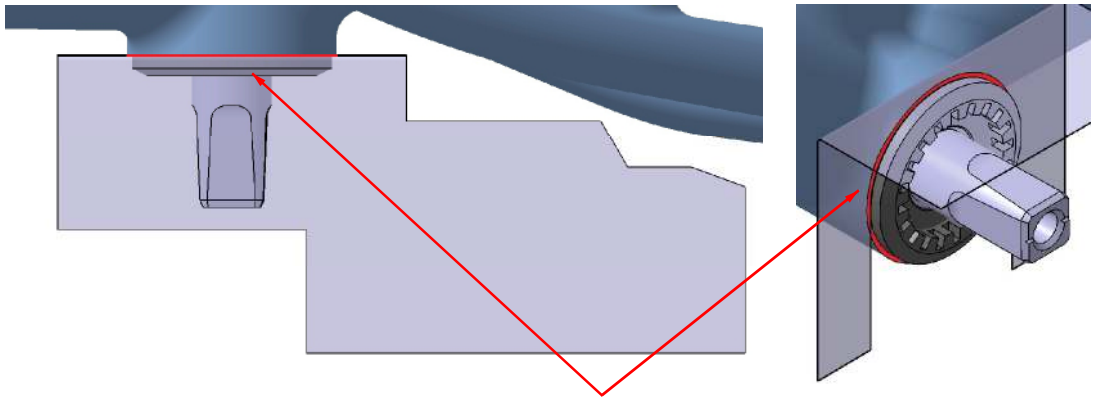


6. Checking of collisions by turning
- only shaded areas are relevant
- checking possible collisions with chain strut, kickstand, joints at fully bikes and so on





folded template
scale: 1:2

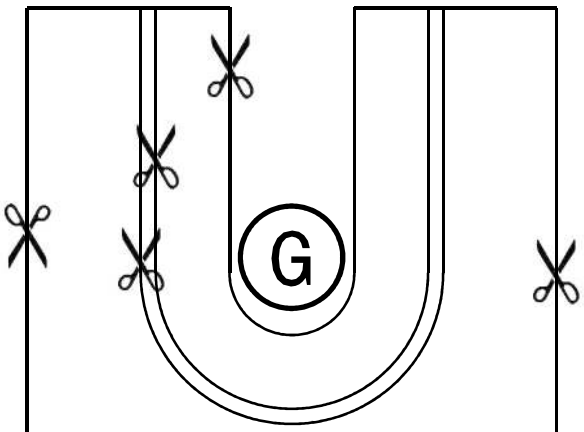


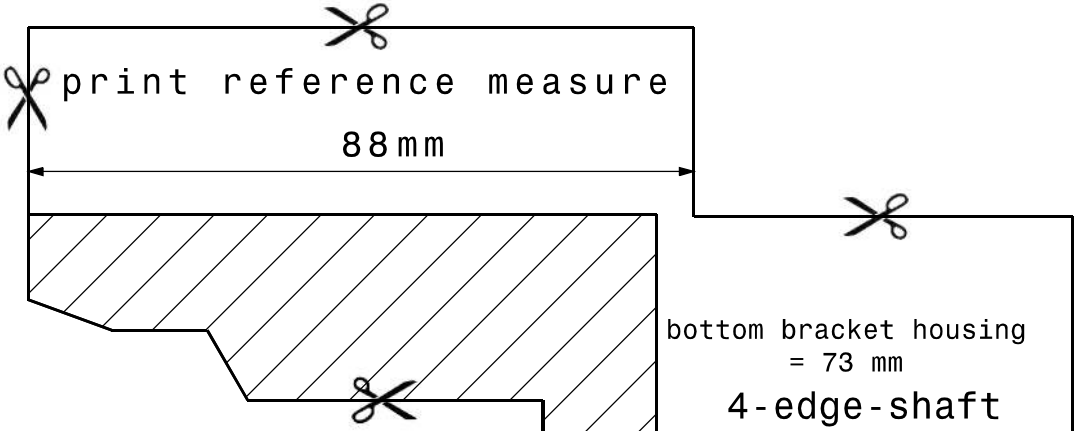
mount template at the **bottom bracket housing** for example 4-edge-shaft

cut

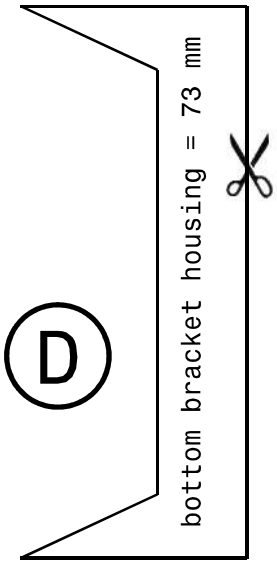
fold

relevant area



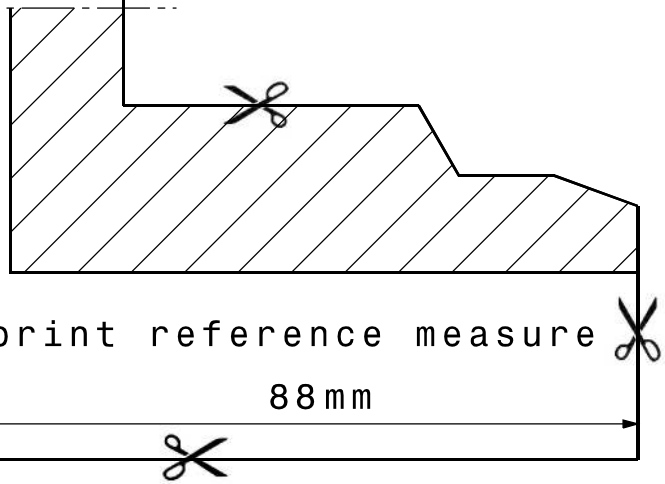


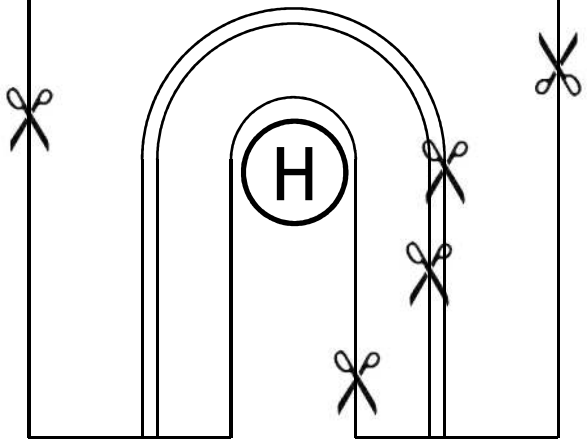
bottom bracket housing
= 73 mm
4-edge-shaft

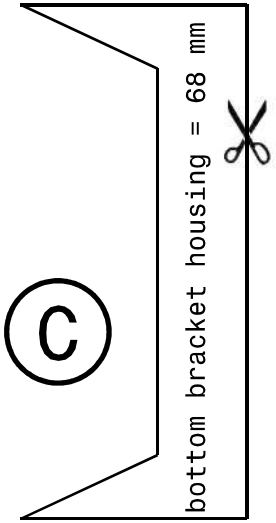


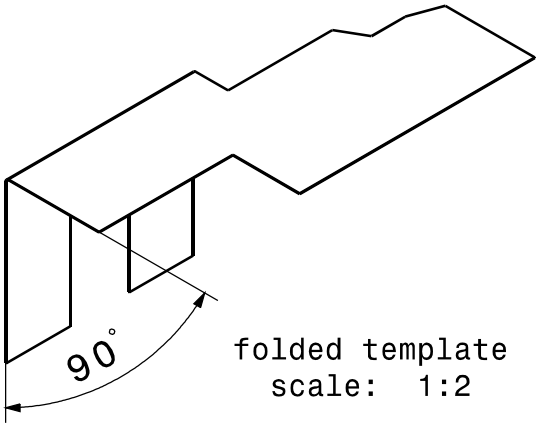
4-edge-shaft

bottom bracket housing
= 68 mm

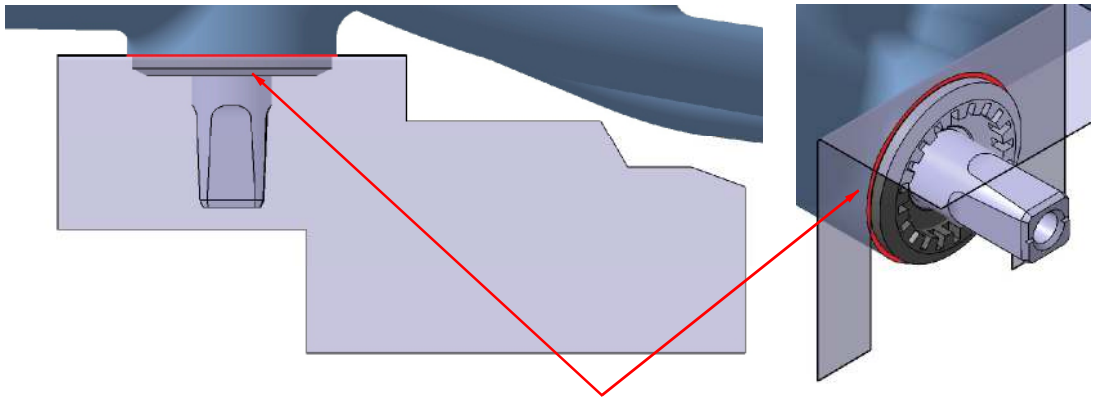








folded template
scale: 1:2

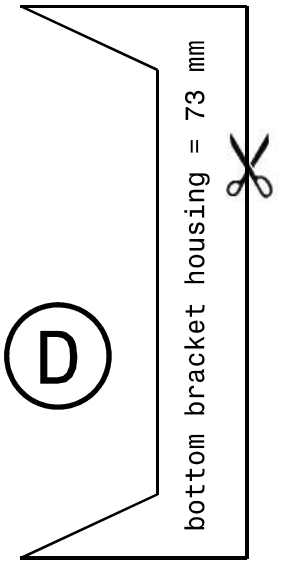


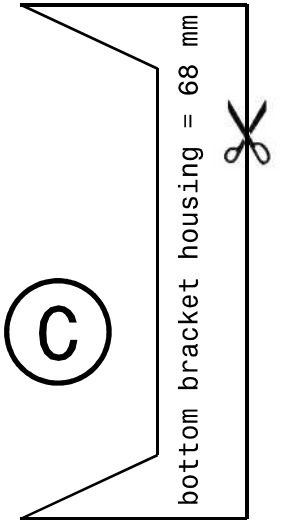
mount template at the **bottom bracket housing** for example 4-edge-shaft

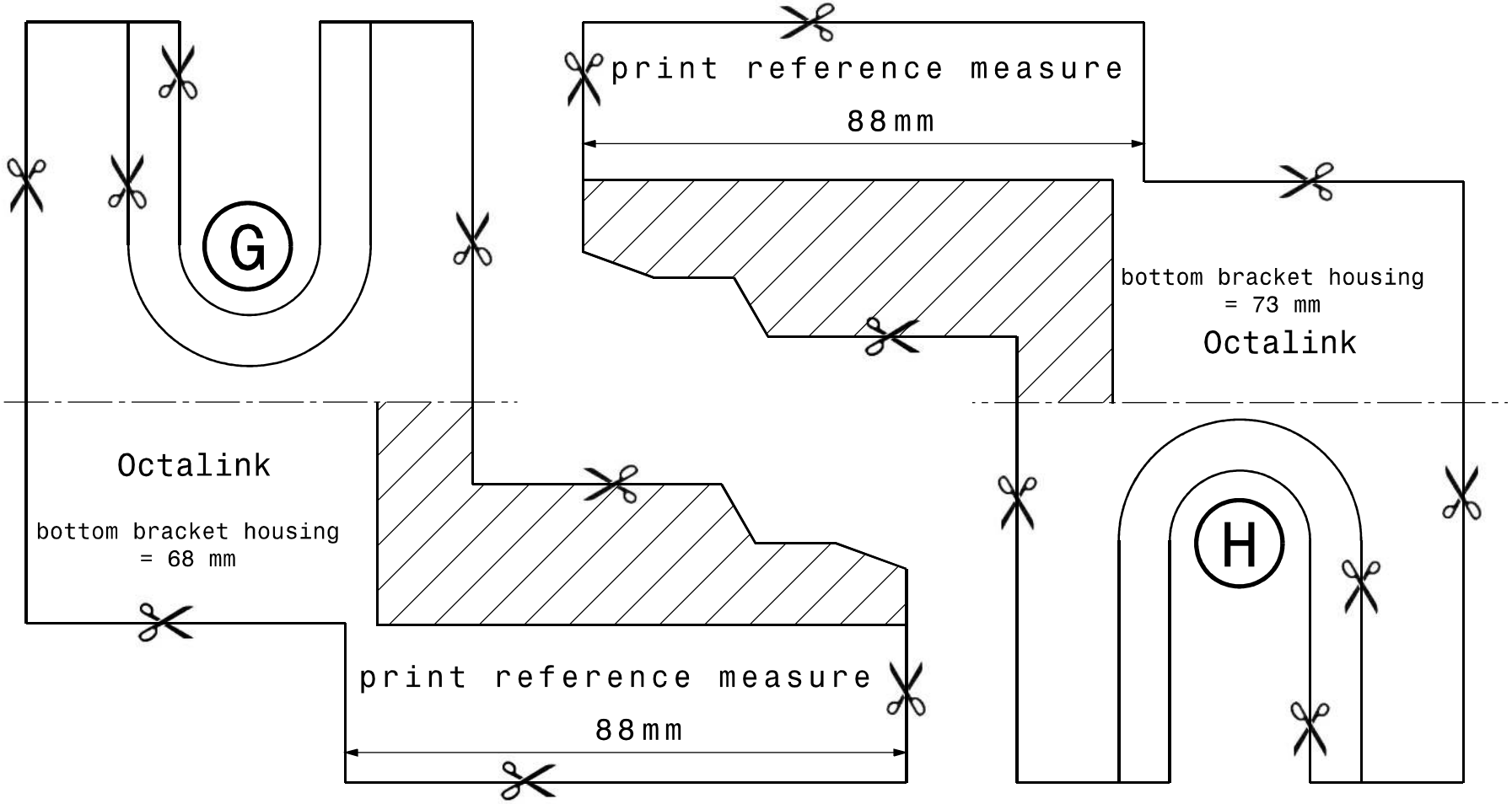
cut

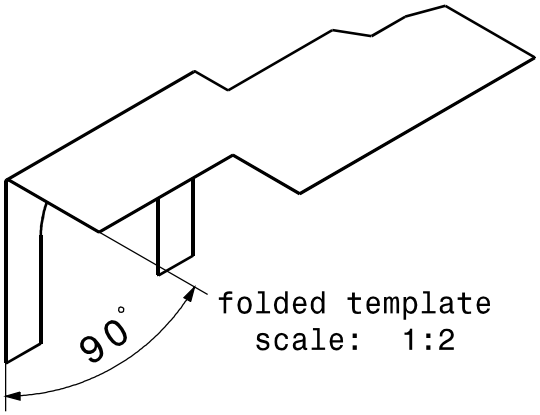
fold

relevant area

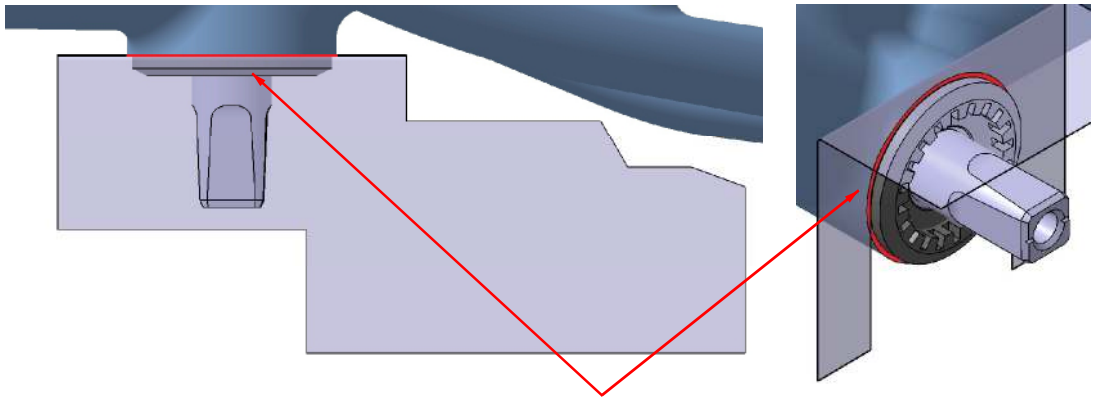








folded template
scale: 1:2



mount template at the **bottom bracket housing** for example 4-edge-shaft

cut

fold

relevant area