

www.cardmodels-r.narod.ru

Energia-2

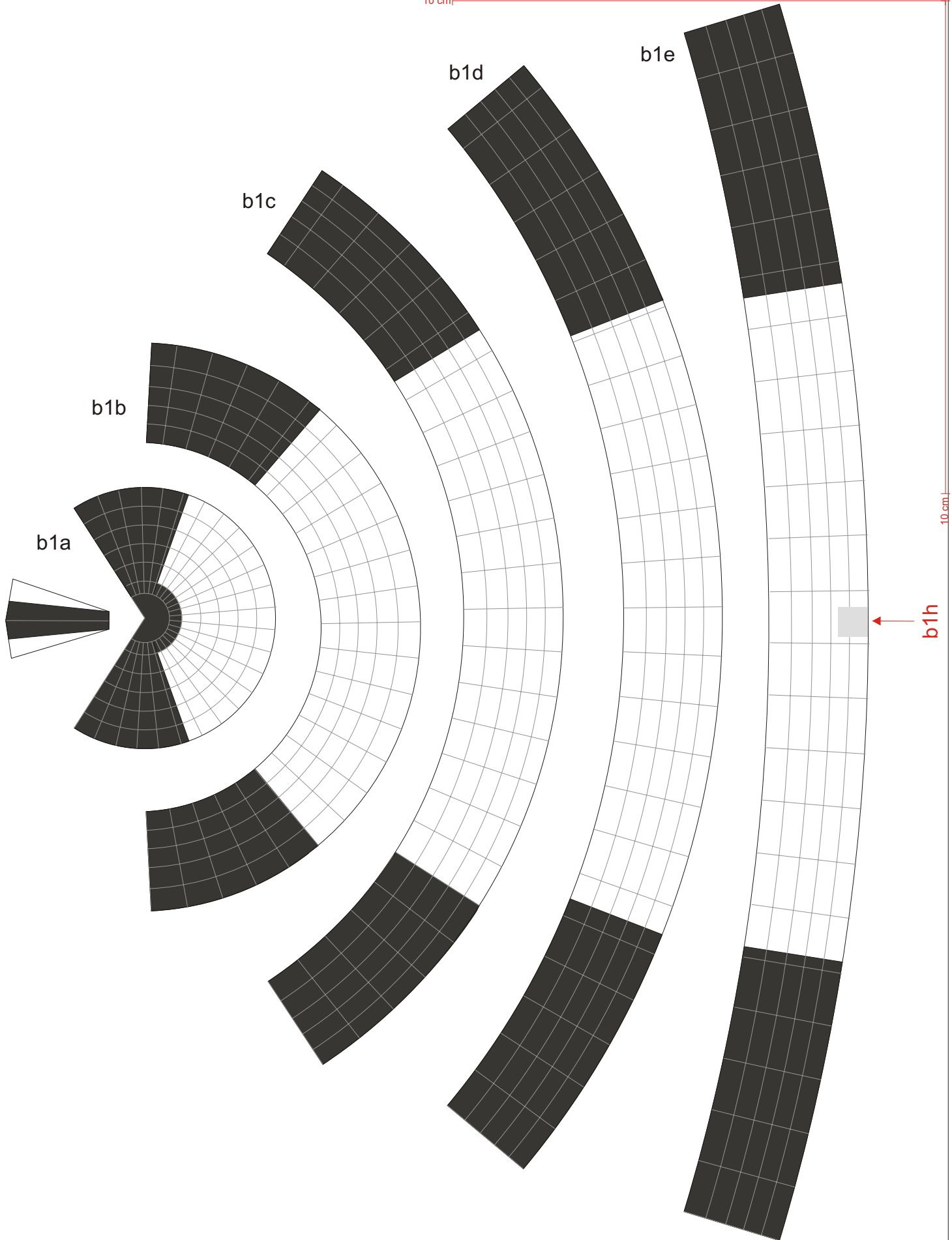
1:96 scale



H ~660 / 560 mm

Paper used:
0,15 mm - 130 gr
0,26 mm - 200 gr ("cardstock")
Glue: PVA

10 cm

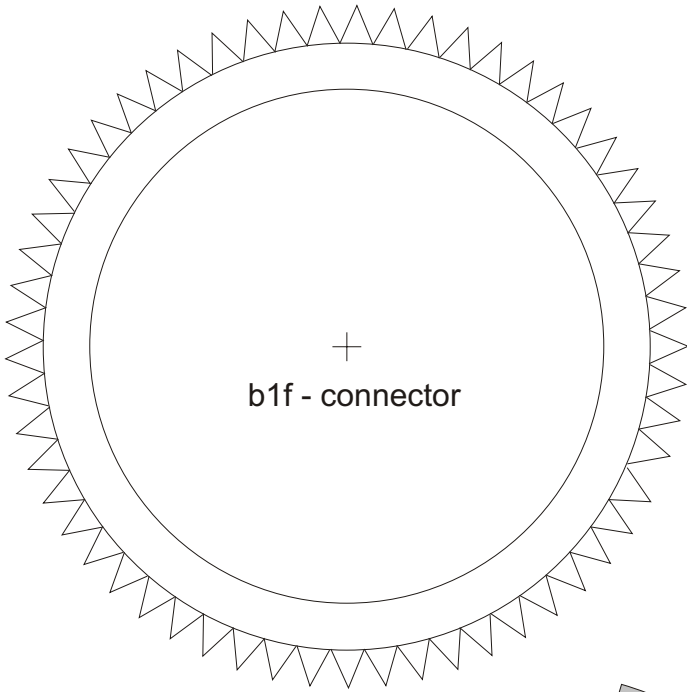


10 cm

b1h

Print on back
side of page 1

10 cm



connector b1a-b1b

connector b1b-b1c

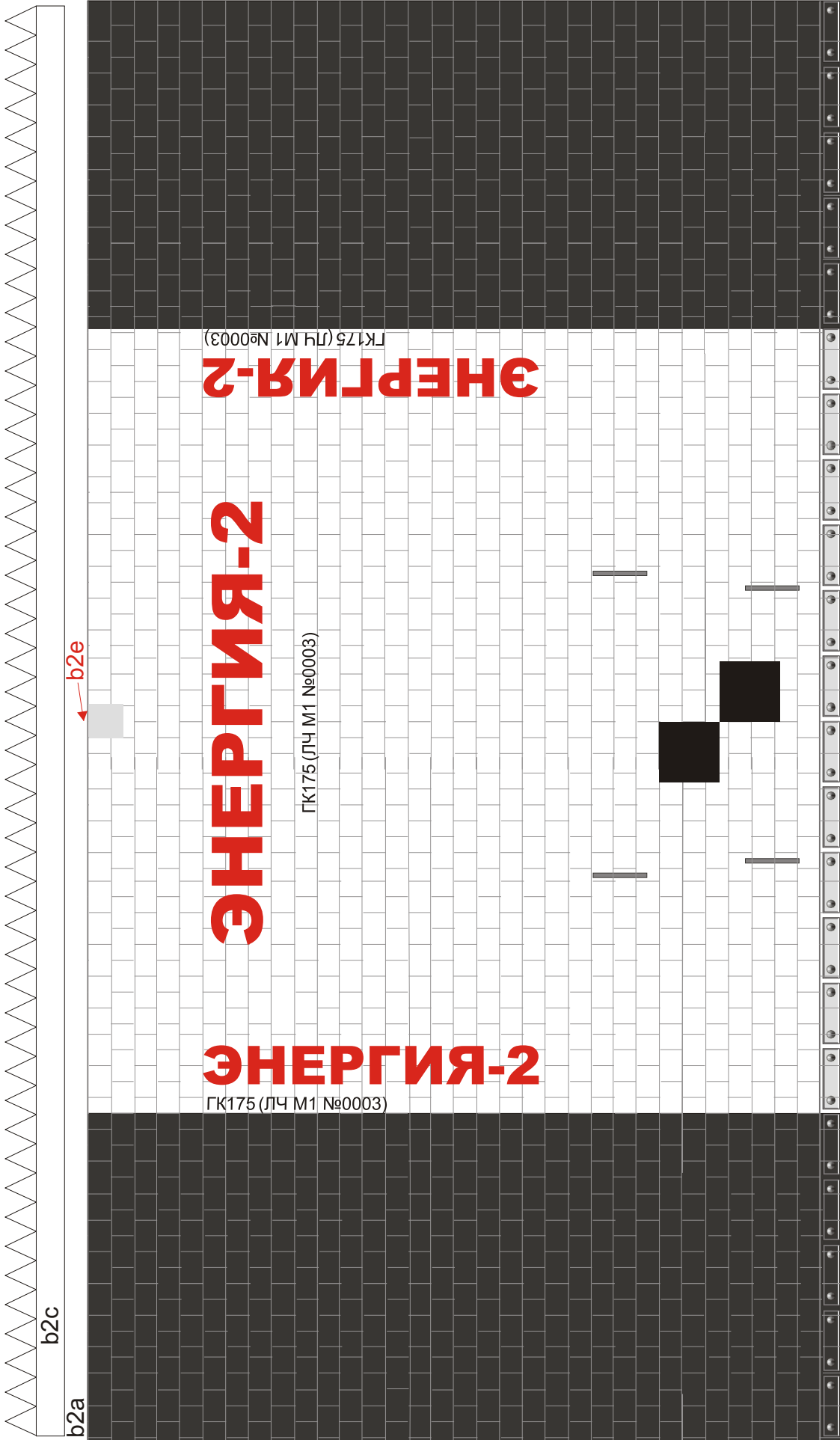
connector b1c-b1d

connector b1d-b1e

b3j-2

10 cm

10 cm



ГК175 (ЛЧ М1 №0003)

ЭНЕРГИЯ-2

ЭНЕРГИЯ-2

ГК175 (ЛЧ М1 №0003)

ЭНЕРГИЯ-2

ГК175 (ЛЧ М1 №0003)

b2e

b2c

b2a

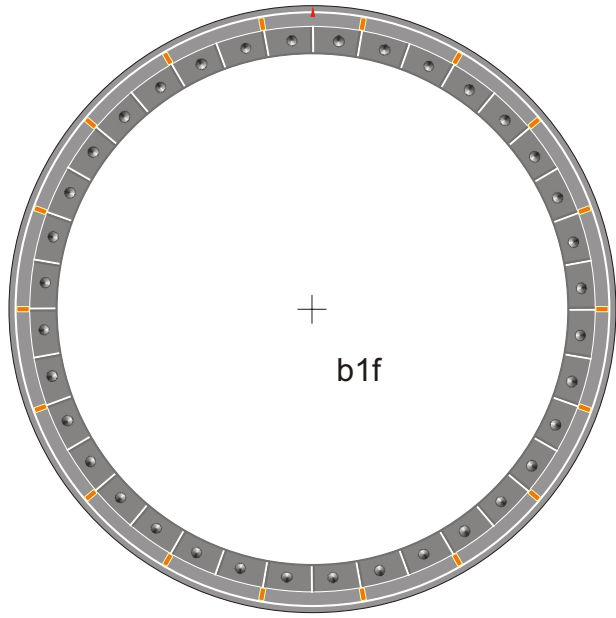
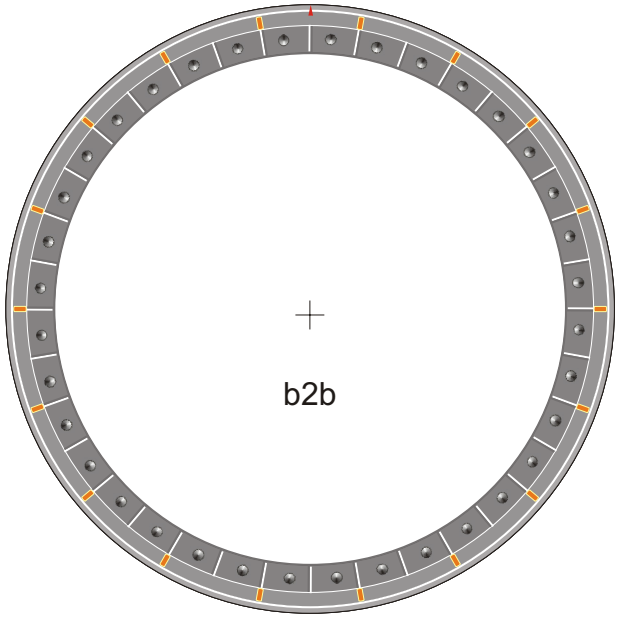
10 cm

b2d-1

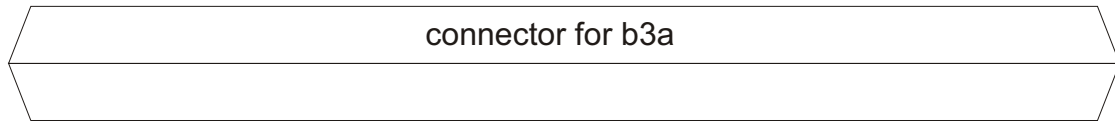
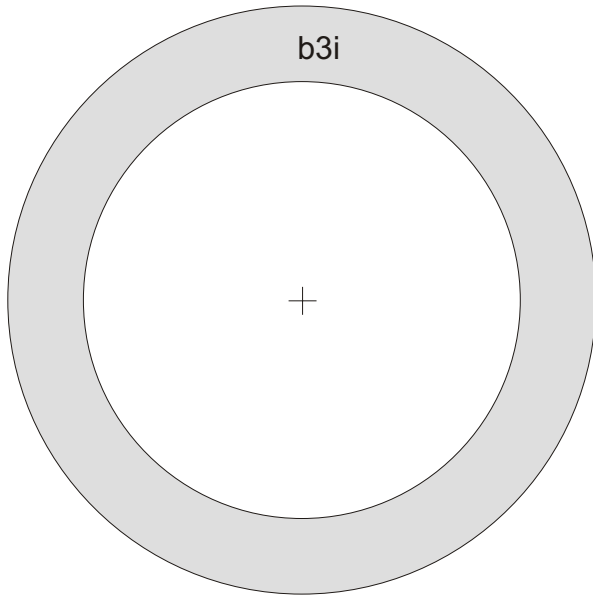
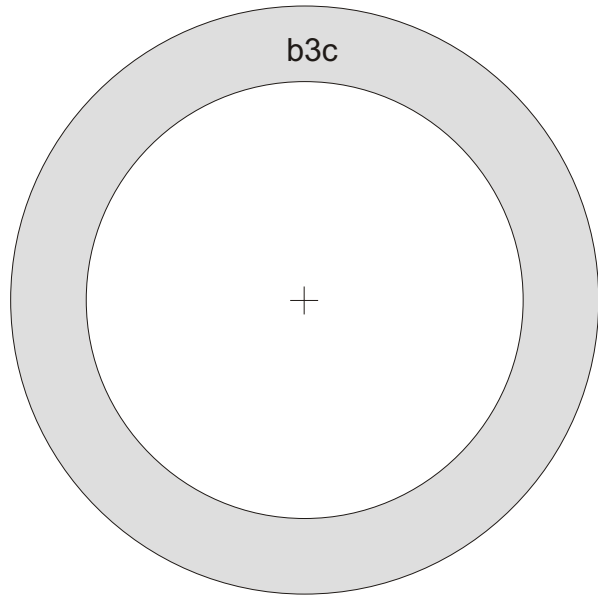
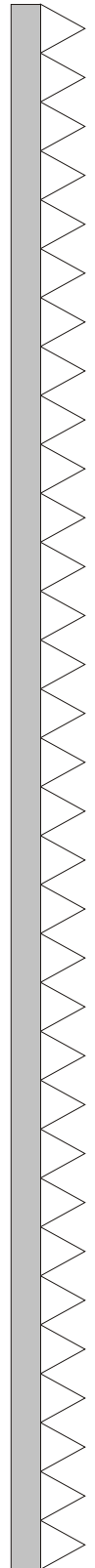
b2d-2

Print on back
side of page 3

10 cm



b1g



b3h

10 cm

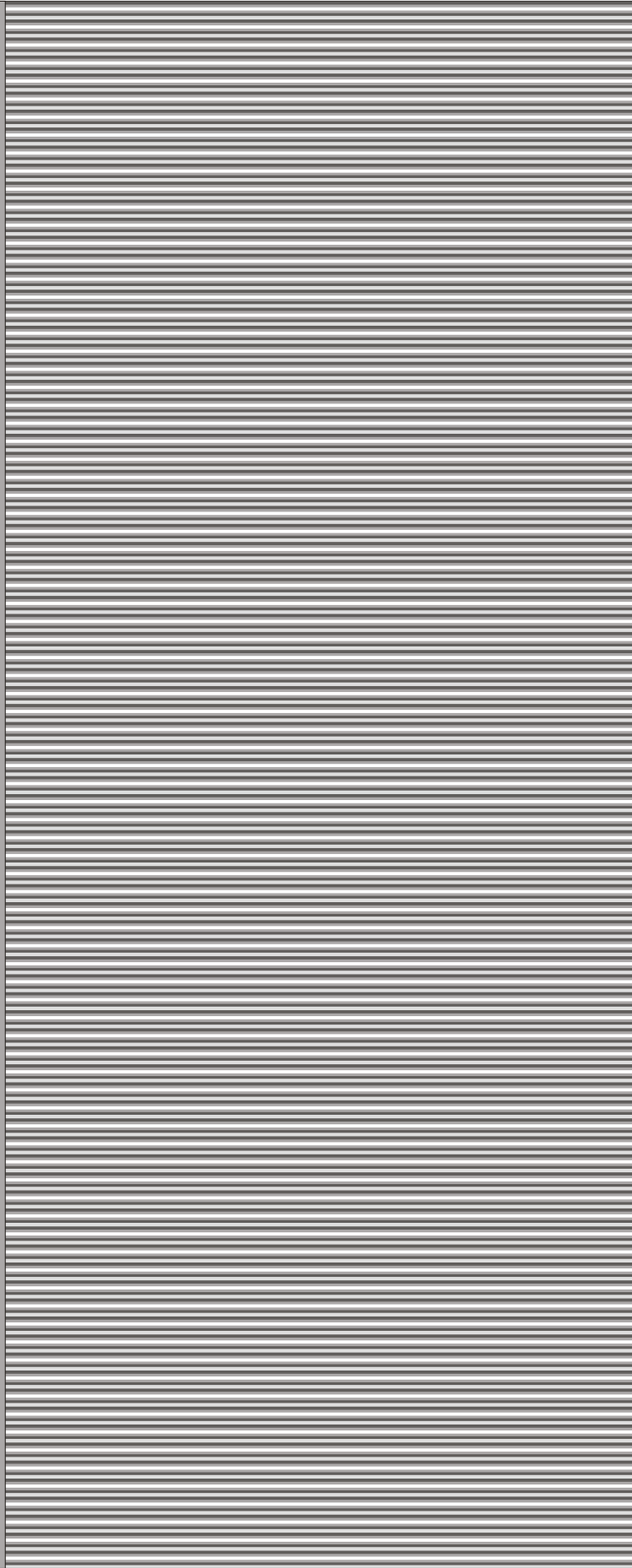
10 cm

b3b-1

b3b-2



zone of connecting with moving top part



b3j-1

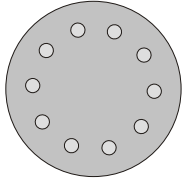
b3a

see part b3j-2 on page 2

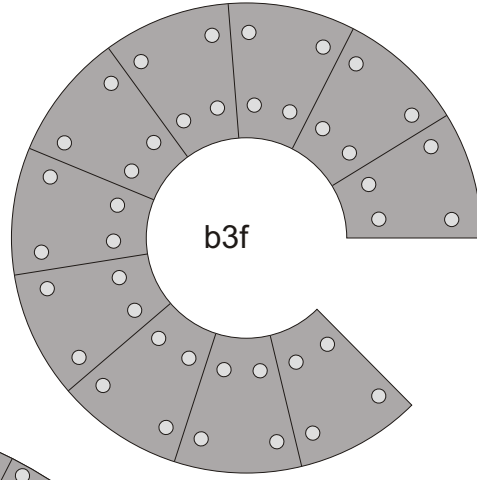
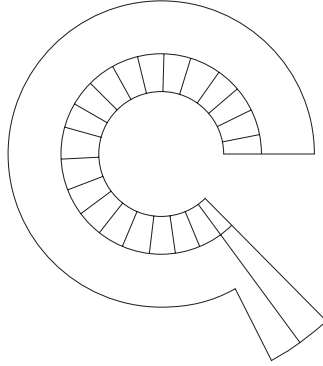
10 cm

10 cm

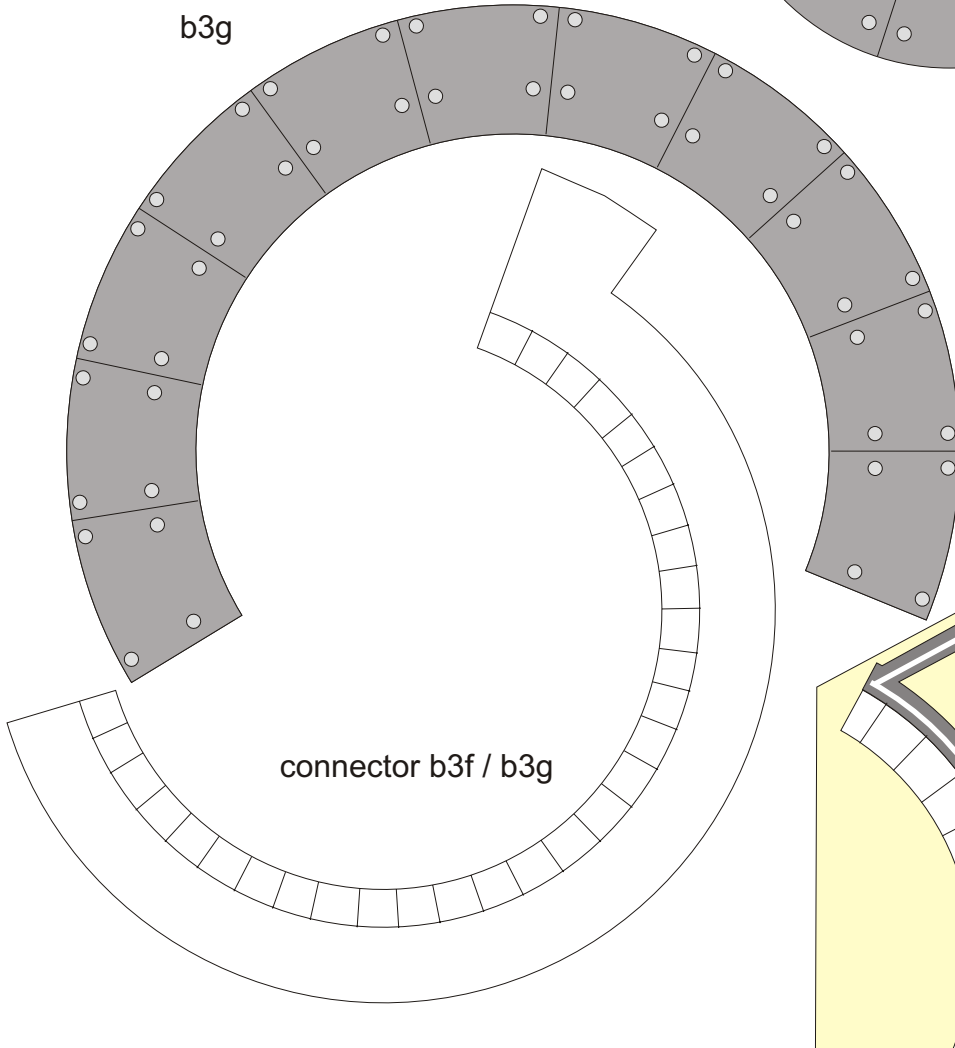
b3e



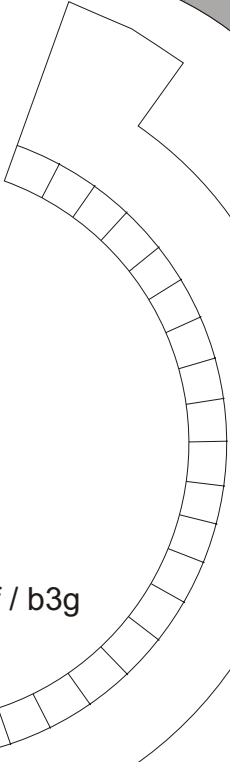
connector b3e / b3f



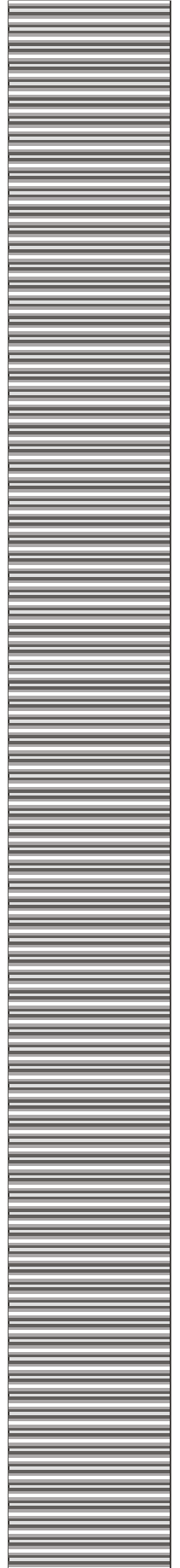
b3g



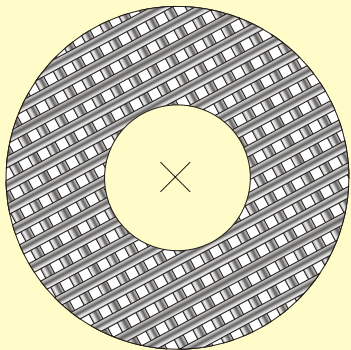
connector b3f / b3g



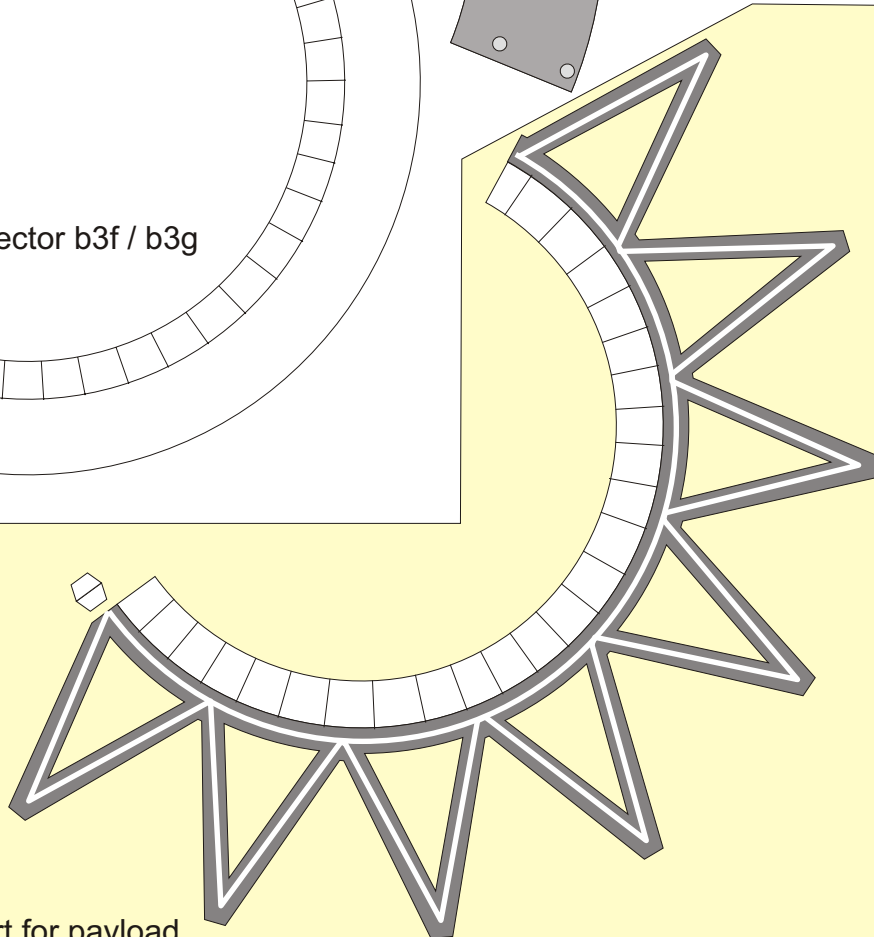
b3k



10 cm



support for payload



10 cm

b4e

connector for b4e

b4f



b4g



10 cm

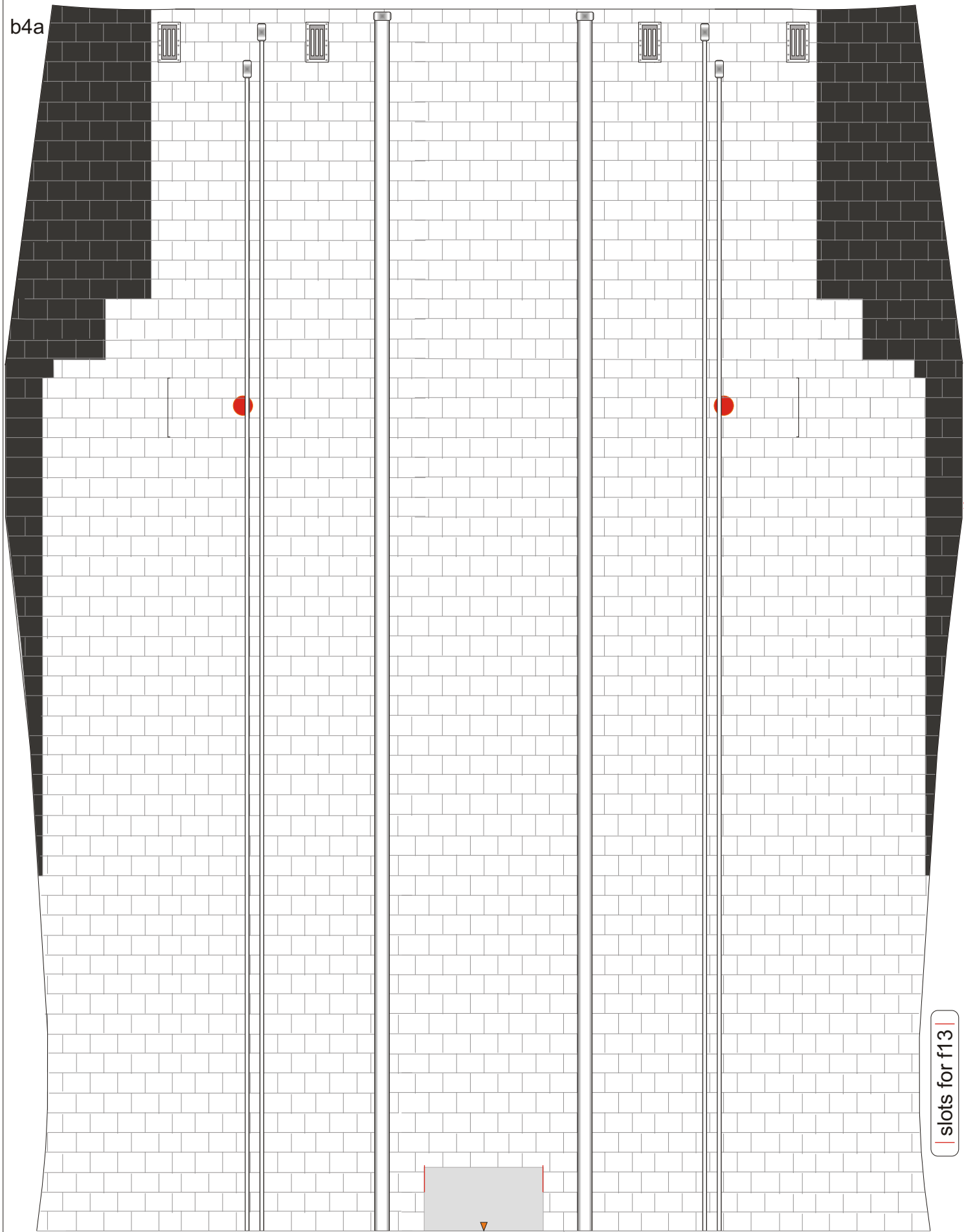
supporting strip for b4f

place for supporting strip (internal)

internal cylinder to top of b4a

10 cm

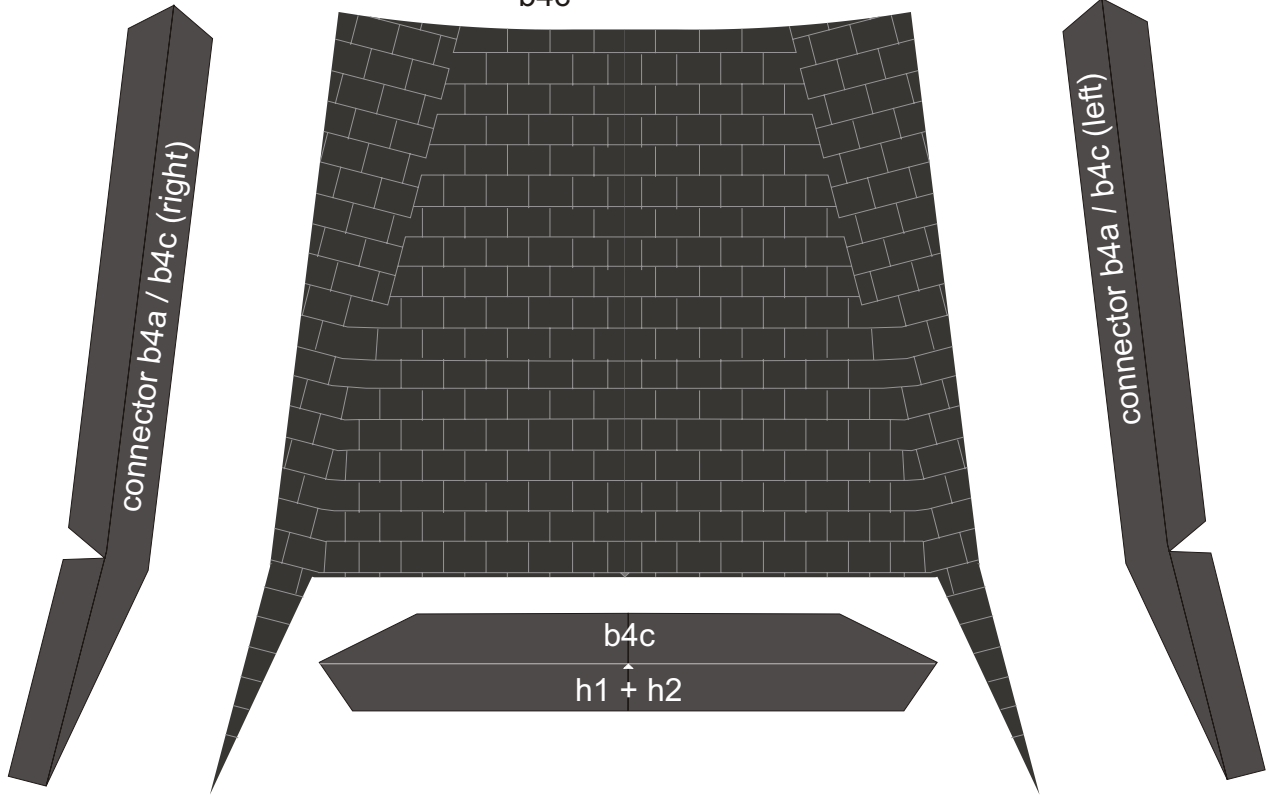
b4a



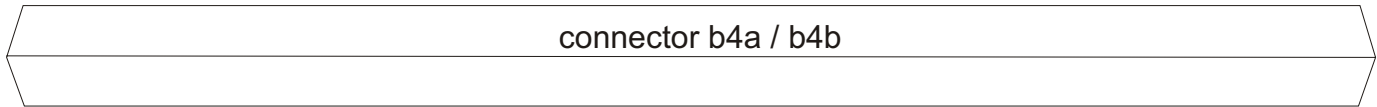
slots for f13

10 cm

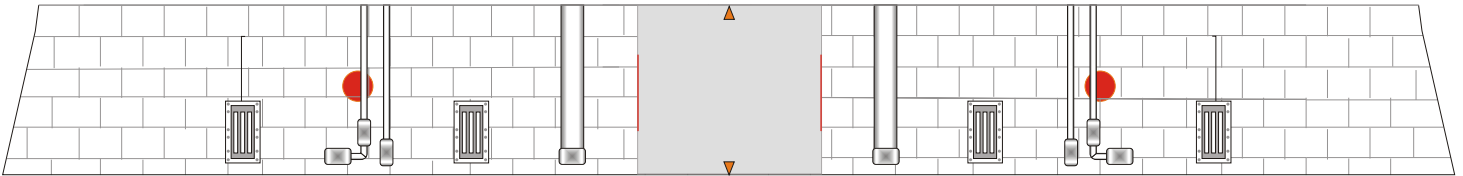
b4c



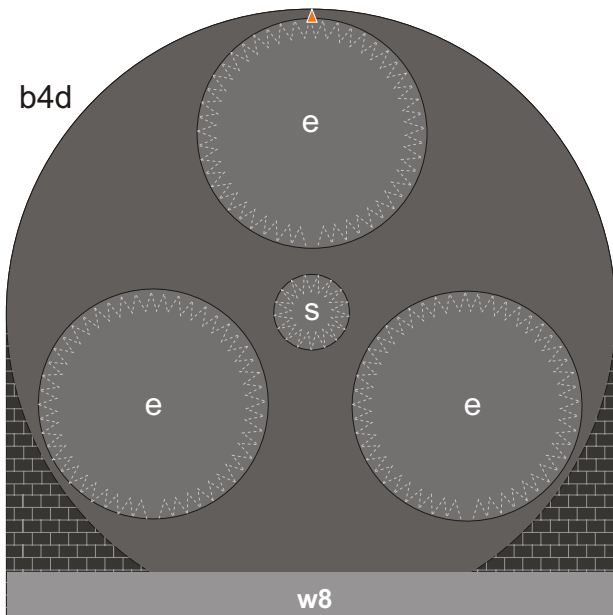
10 cm



b4b

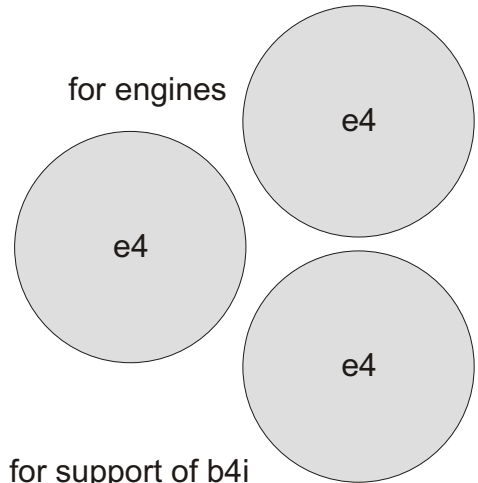


b4d



slots for f13

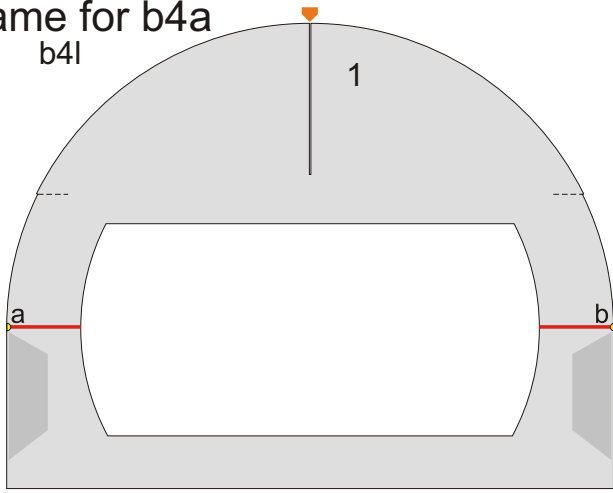
for engines



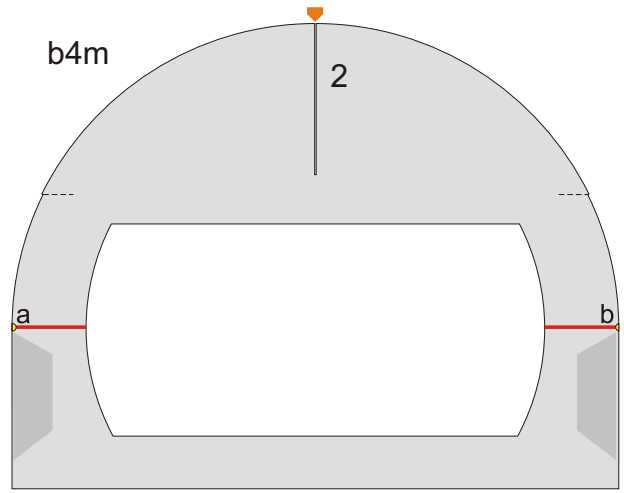
s - place for support of b4i
e - place for engines

frame for b4a

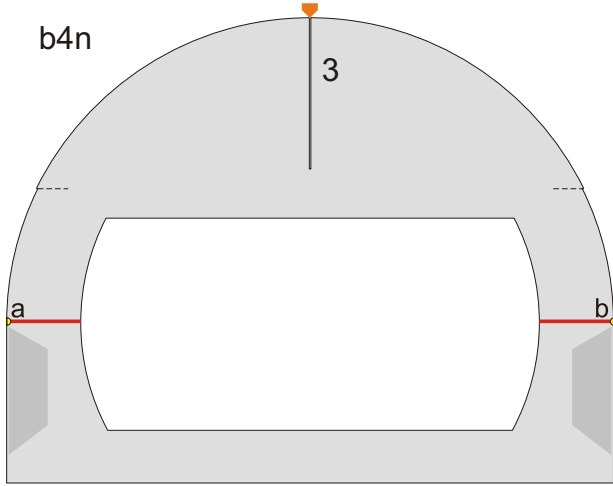
b4l



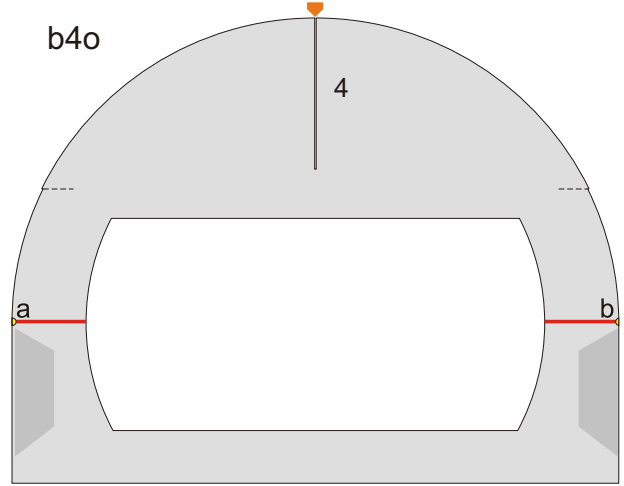
b4m



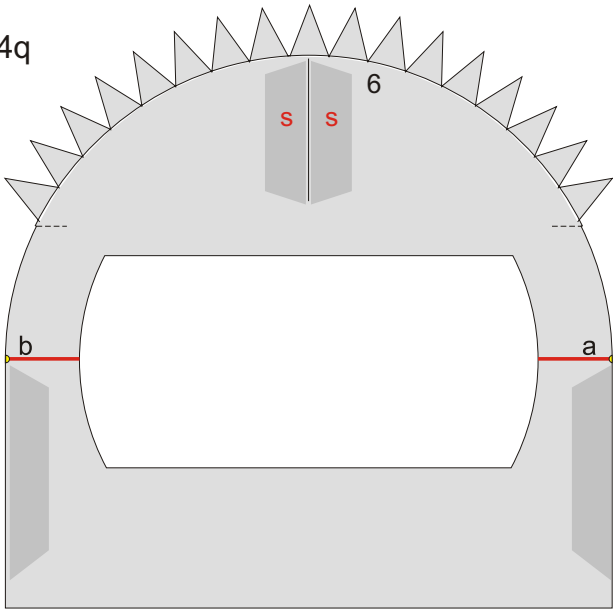
b4n



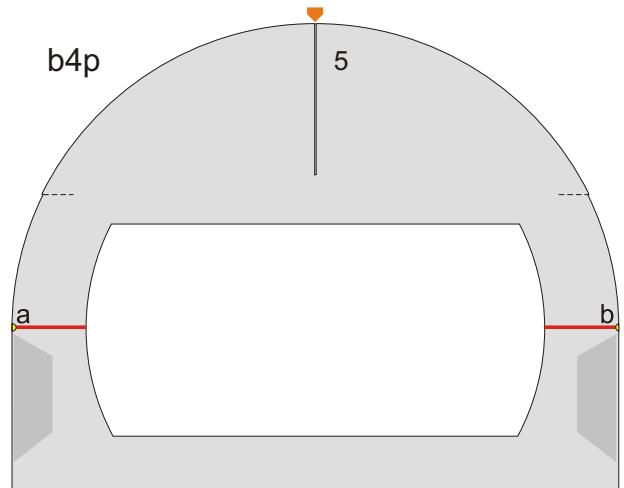
b4o



b4q

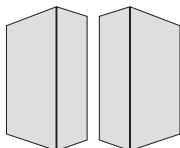


b4p



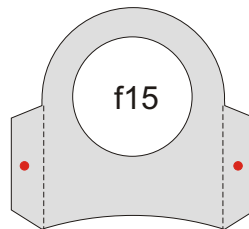
frame for f13

s

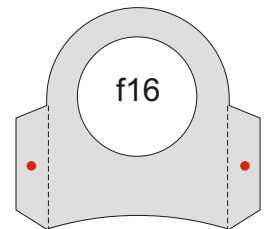


cut 0,4 mm width

f15



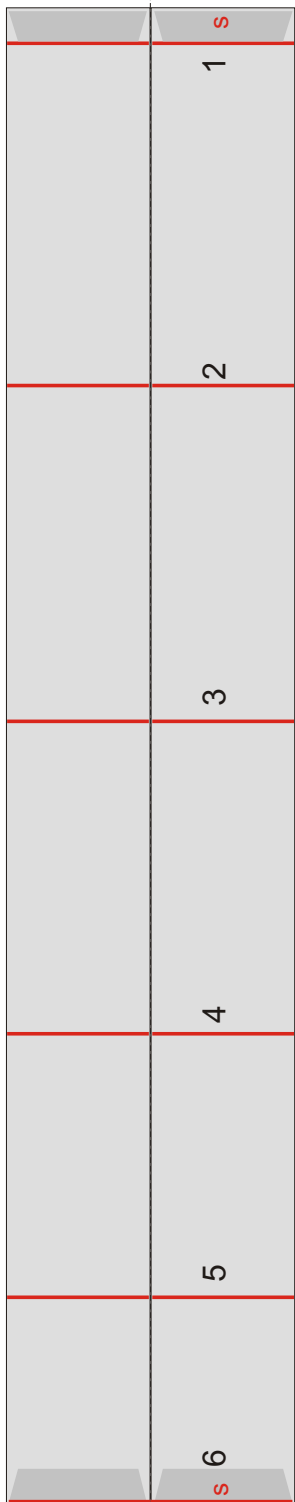
f16



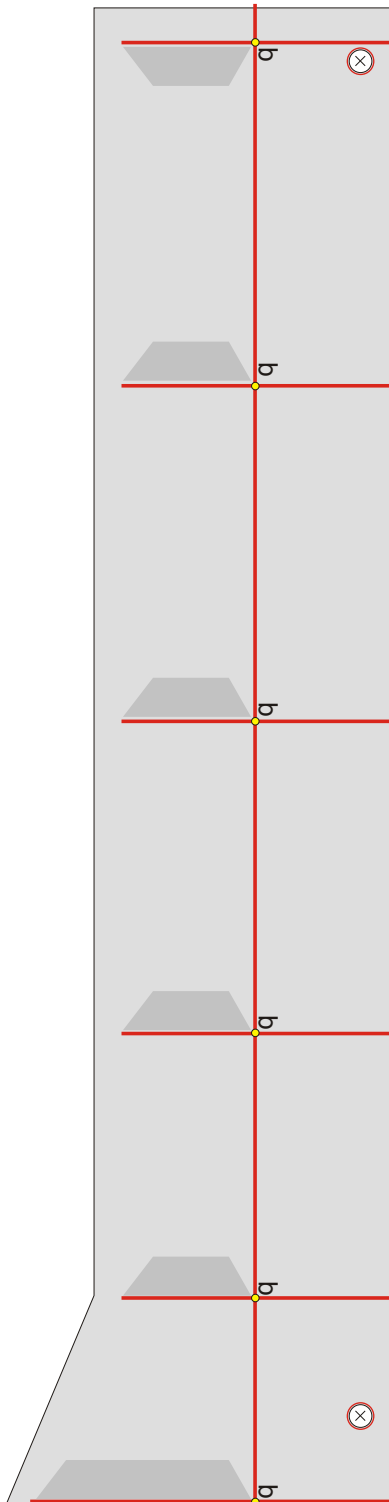
frame for b4a

10 cm

b4j

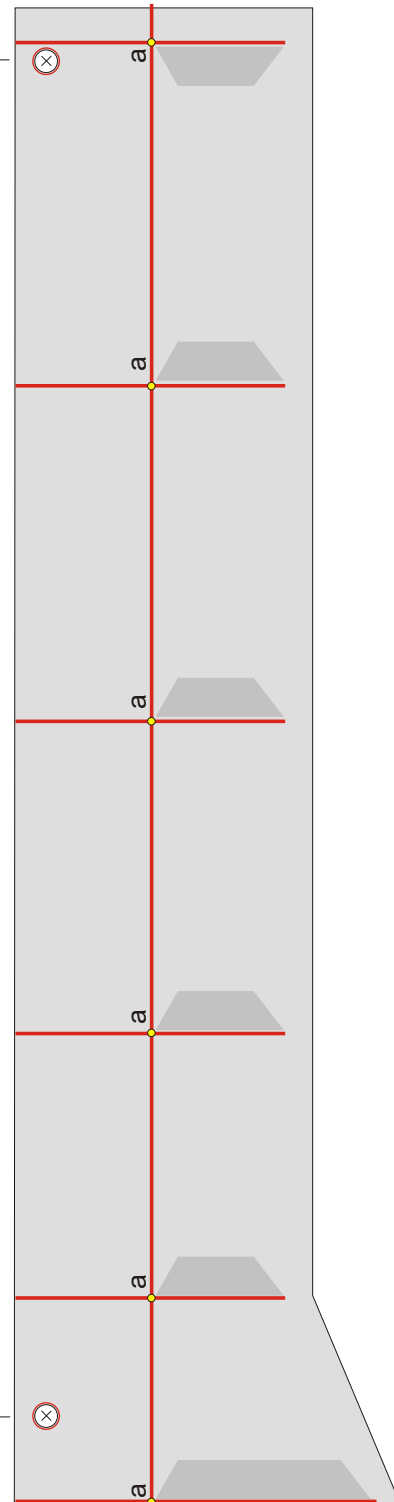


right

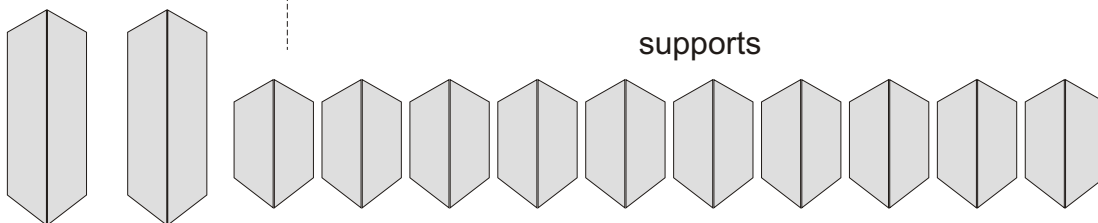
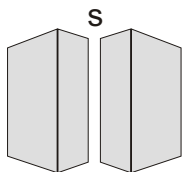


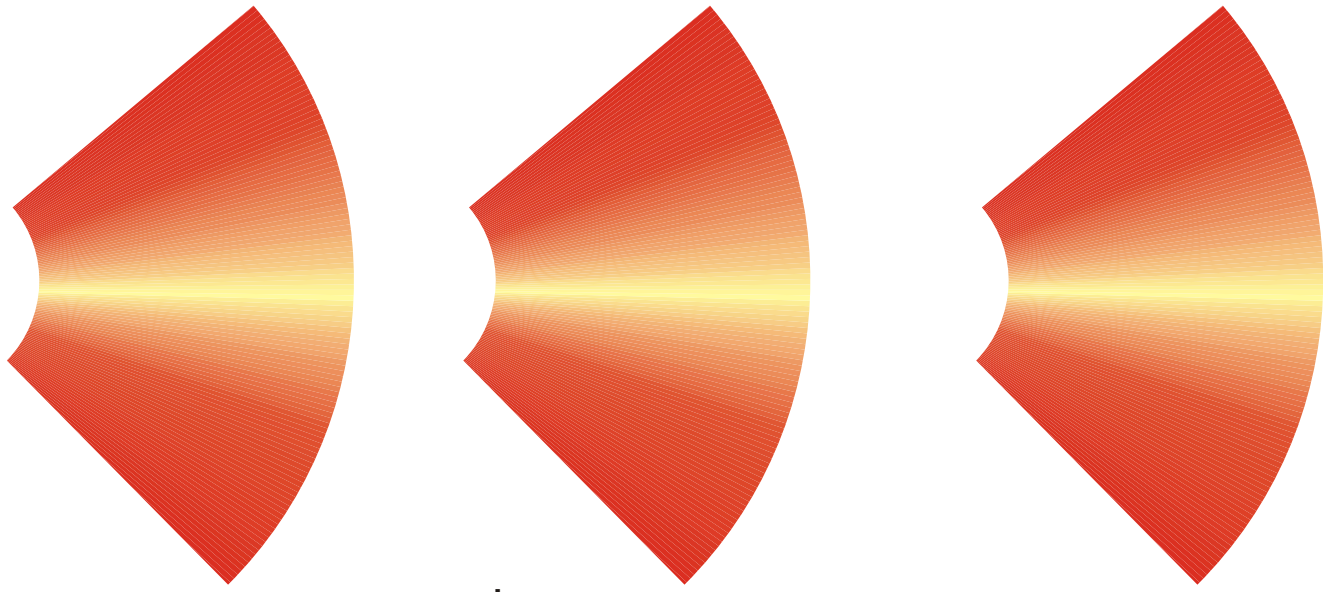
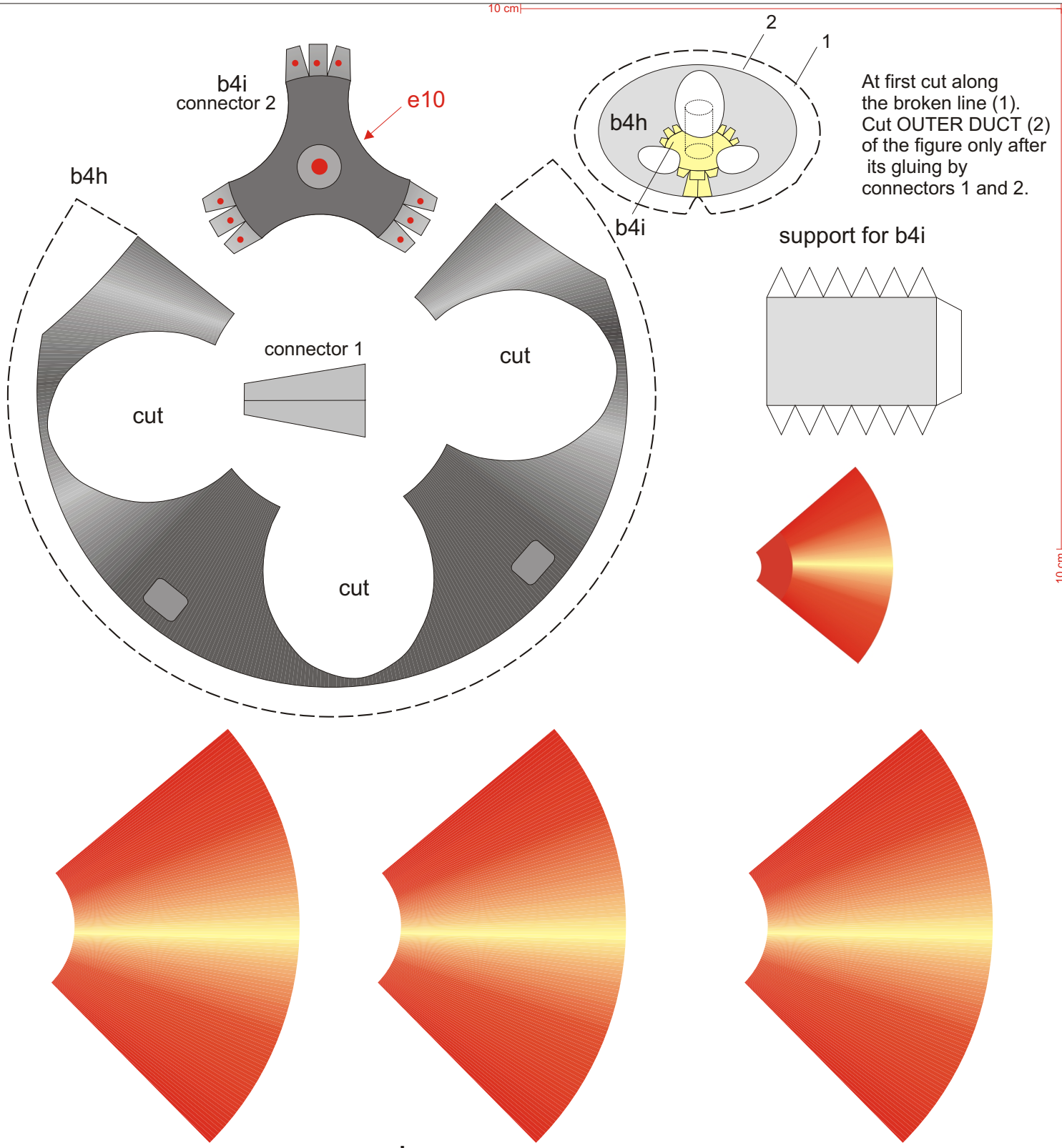
b4k

left

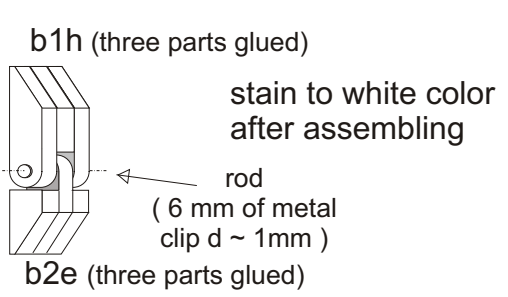
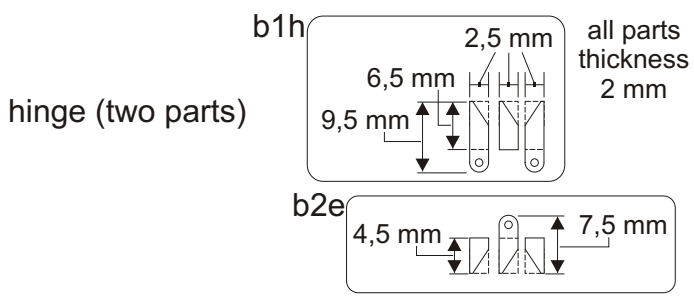


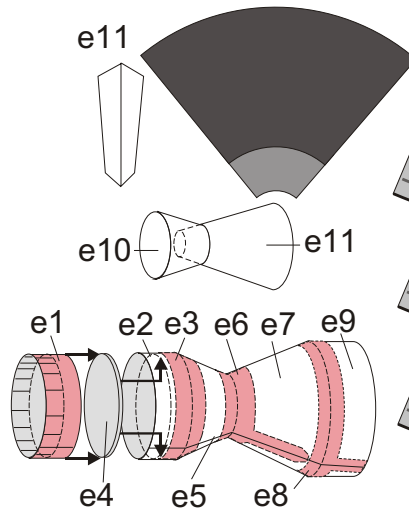
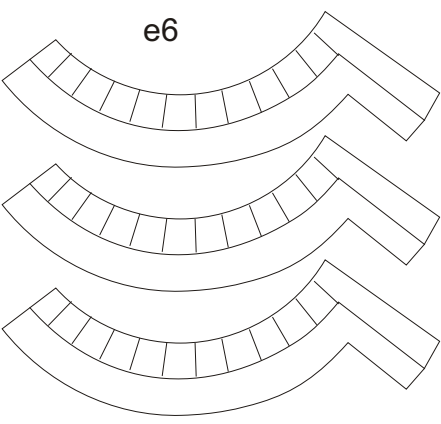
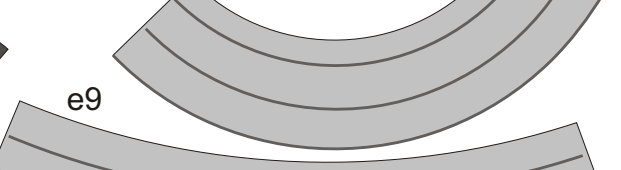
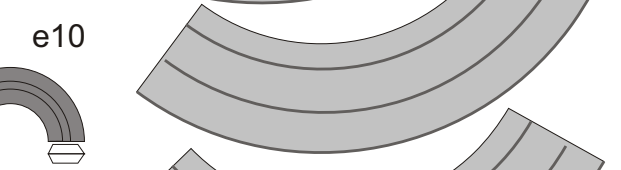
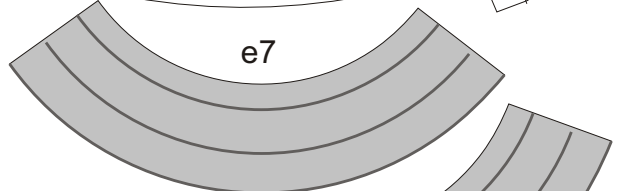
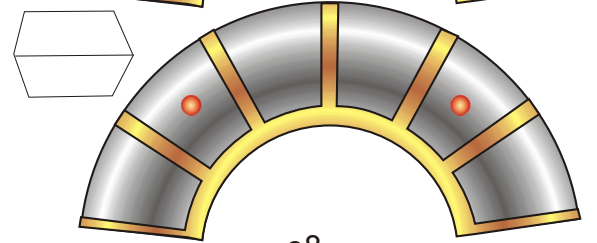
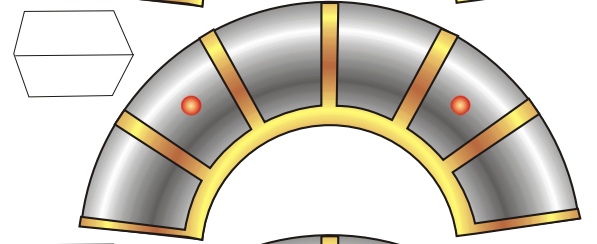
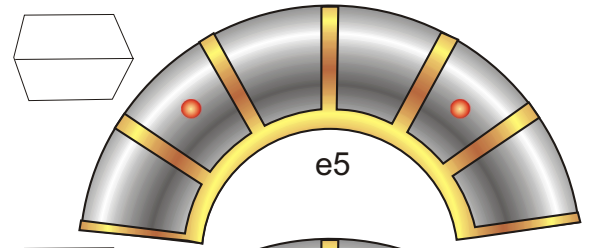
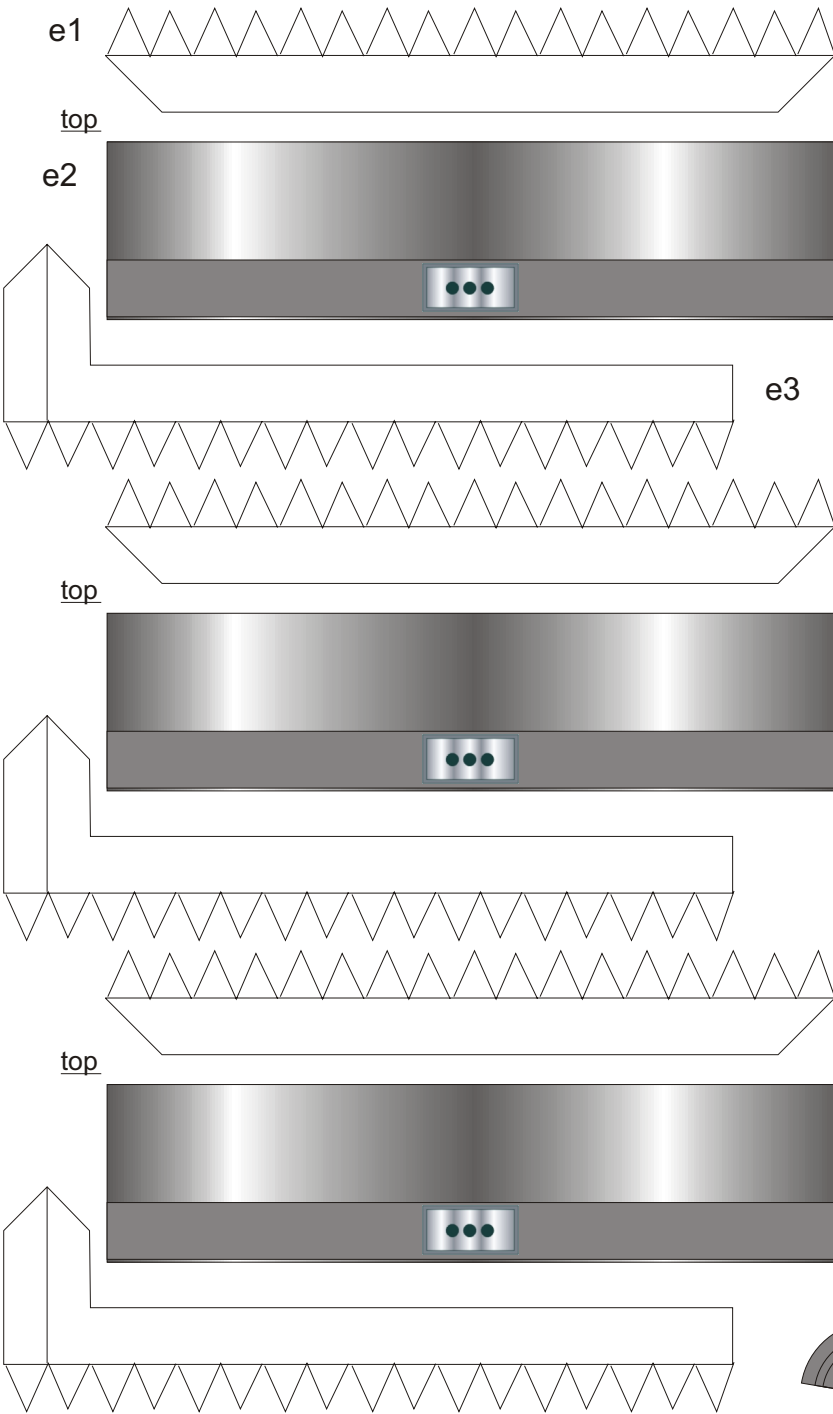
10 cm

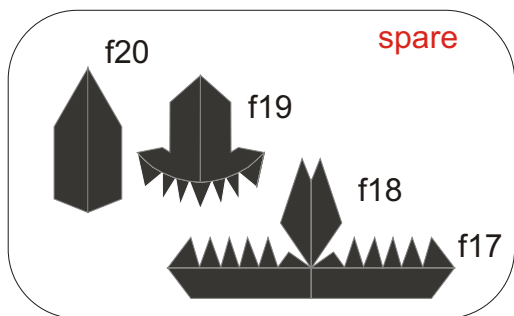




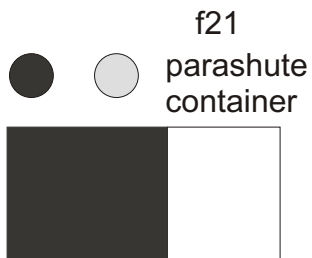
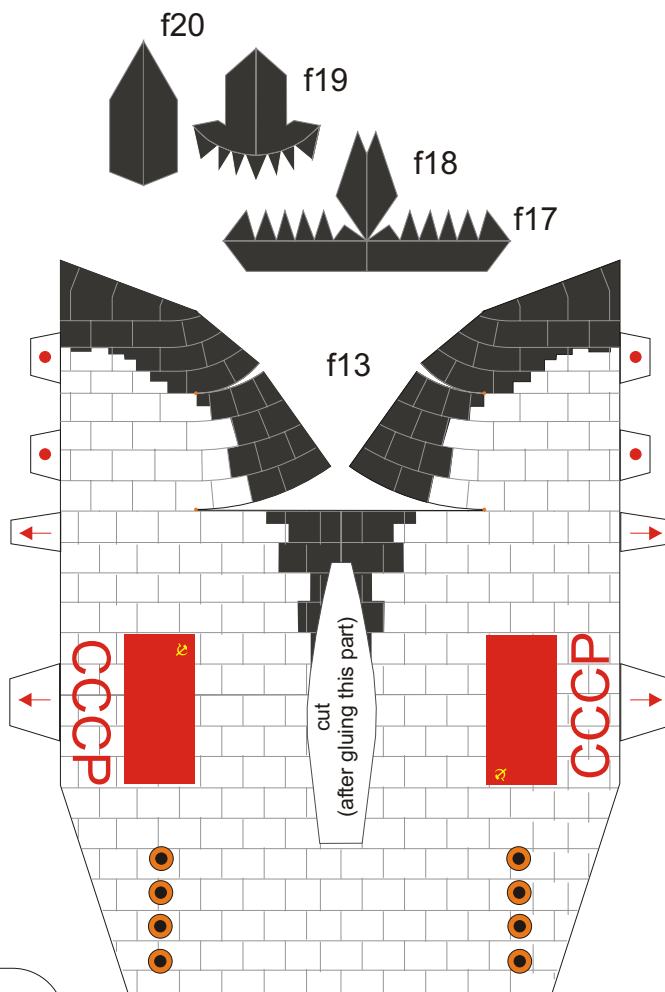
wood





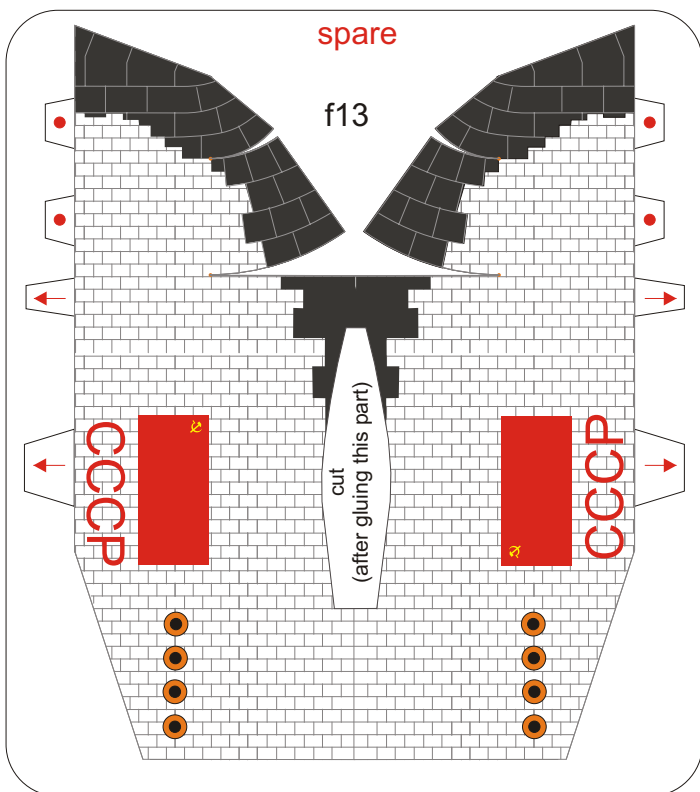


spare

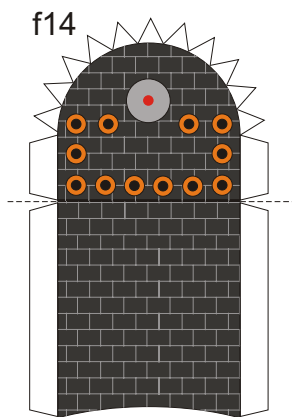


f21

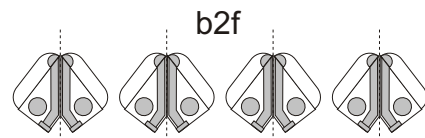
parashute container



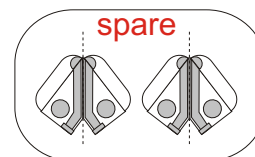
spare



f14



b2f



spare

10 cm

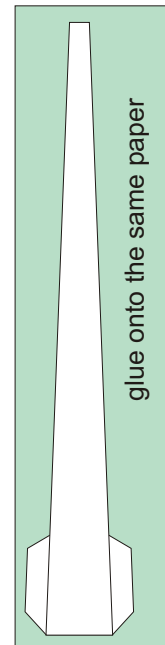
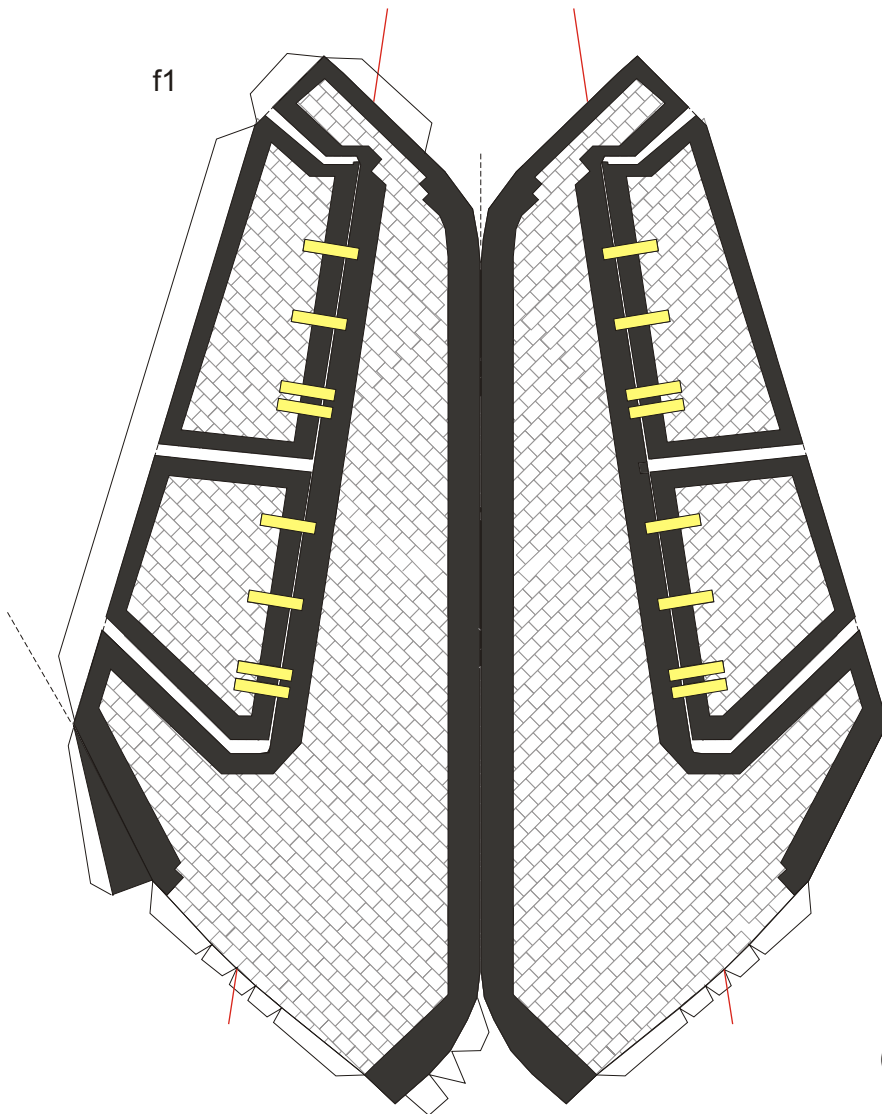
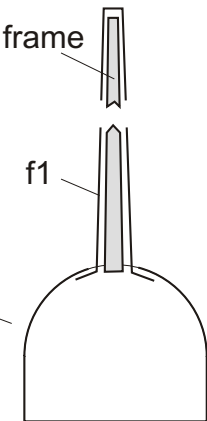
f1

fin

frame

f1

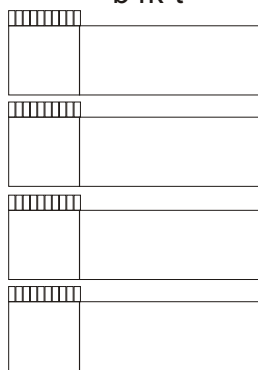
f13



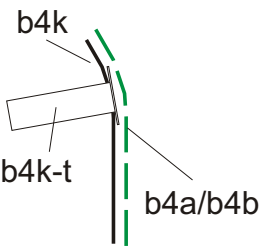
frame for f1
(along red line)

10 cm

b4k-t



sockets
for spars

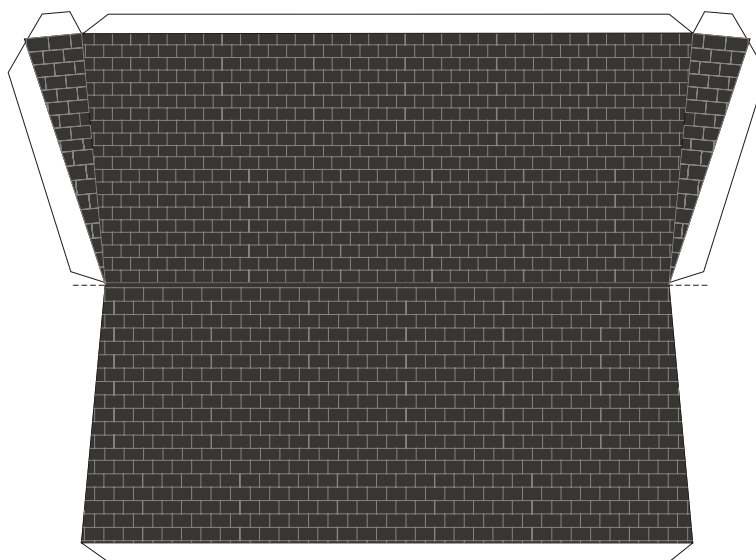


roll to tubes
using wood
rods D=3 mm

glue into holes
on b4k -
tubes must be on internal side,
its tabs - on external side
of b4k

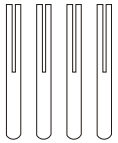
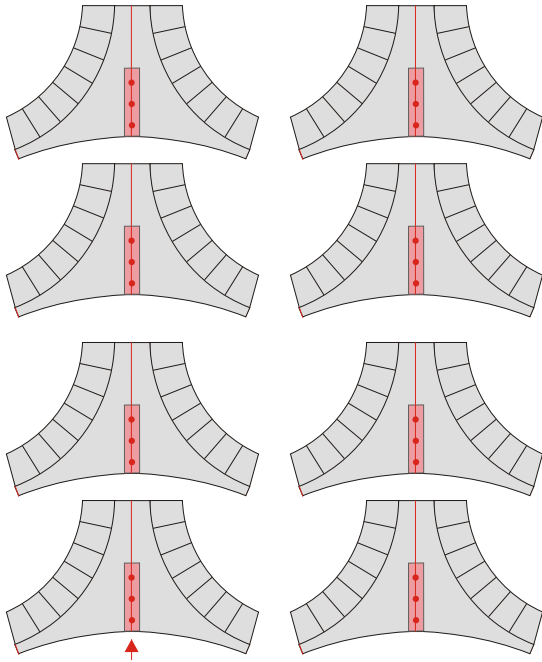
w8

balancer

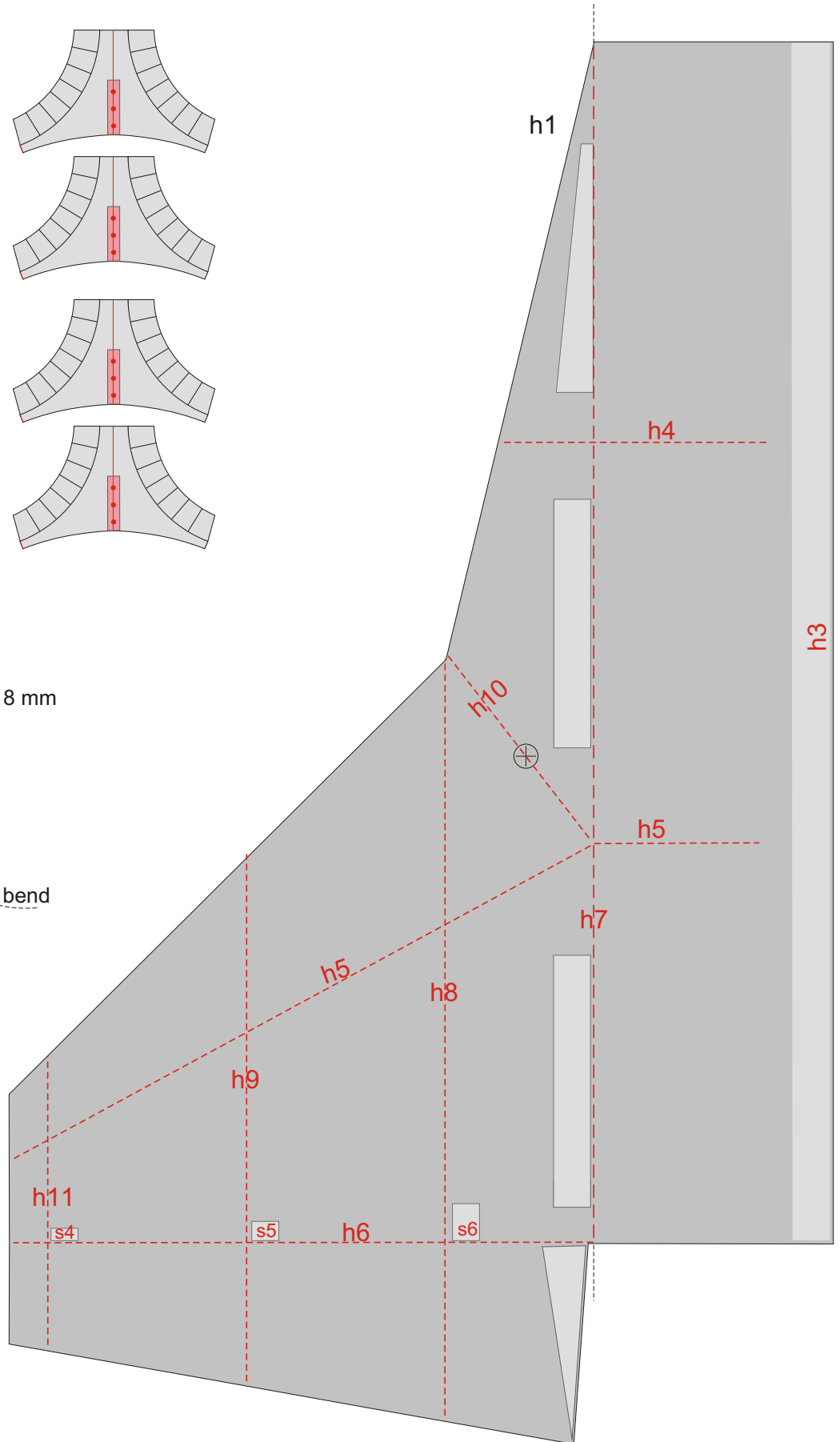
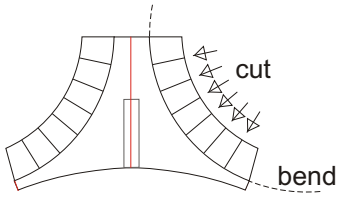


spars for parablocks of stage A

h0



wood rods D=3 mm L=18 mm
with slits 9mm (x4)



10 cm

h3

h2

h4

h3

h10

h5

h7

h8

h5

h9

h11

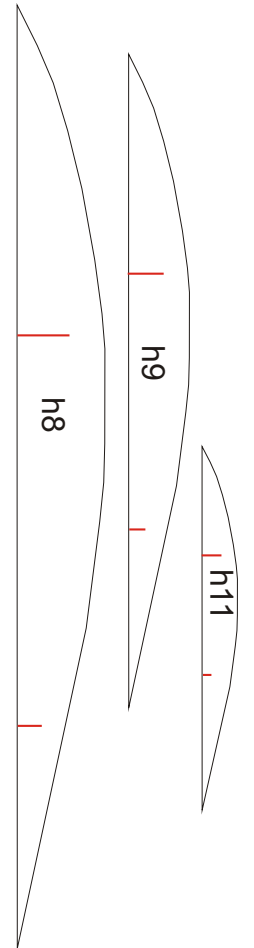
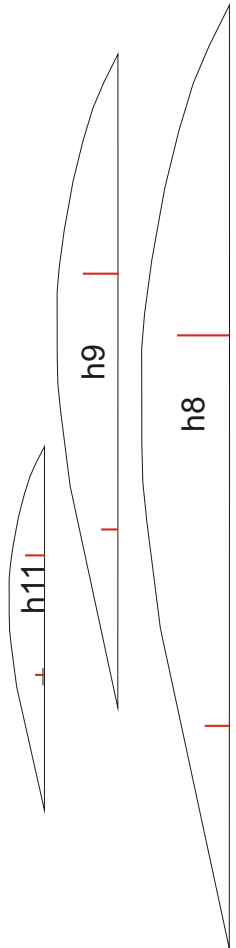
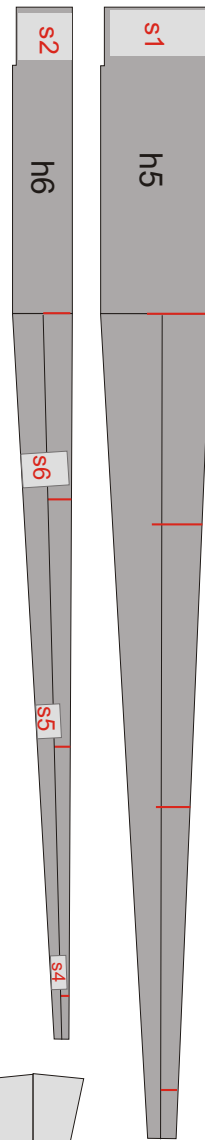
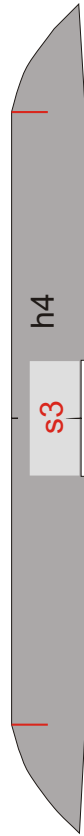
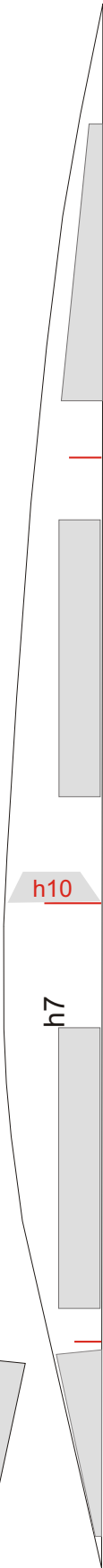
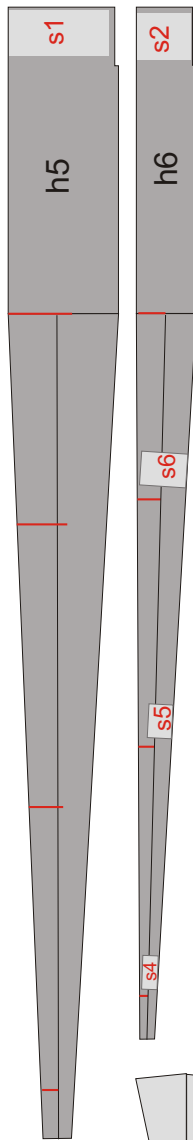
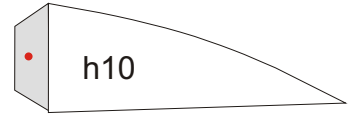
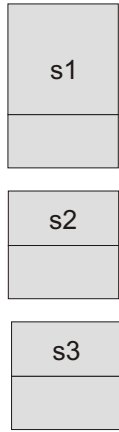
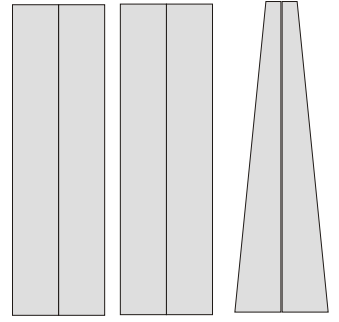
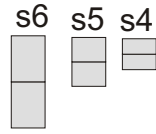
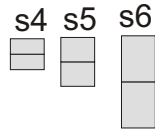
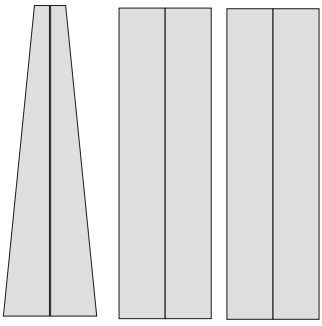
s6

h6

s5

s4

10 cm



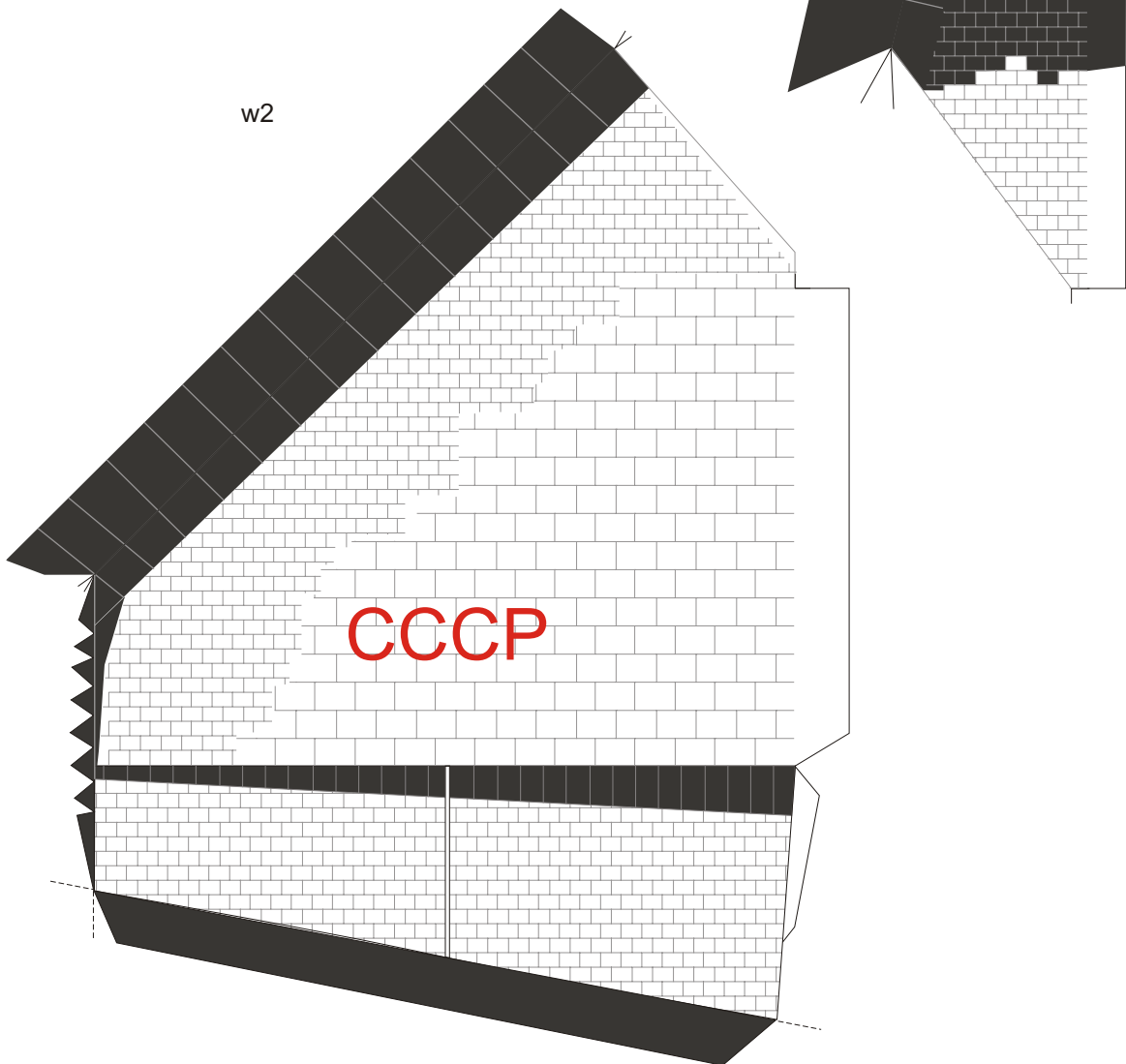
— cut 0,3 mm width

wing left

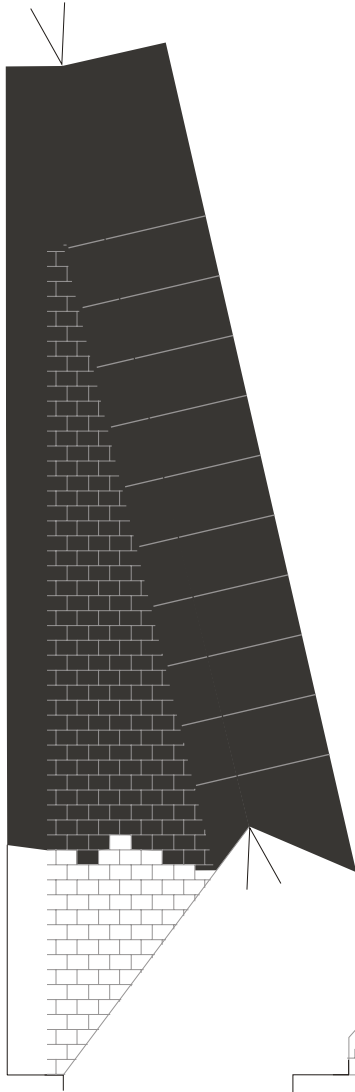
w1

w2

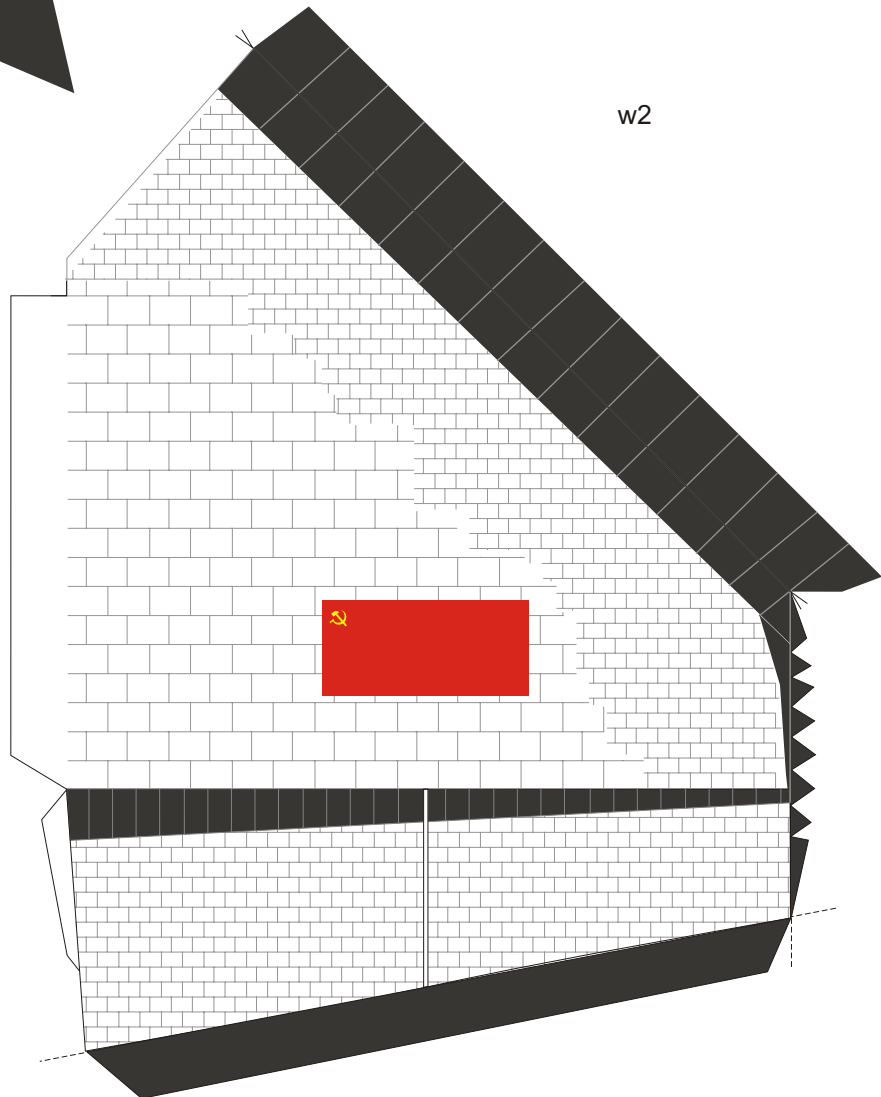
СССР



wing right

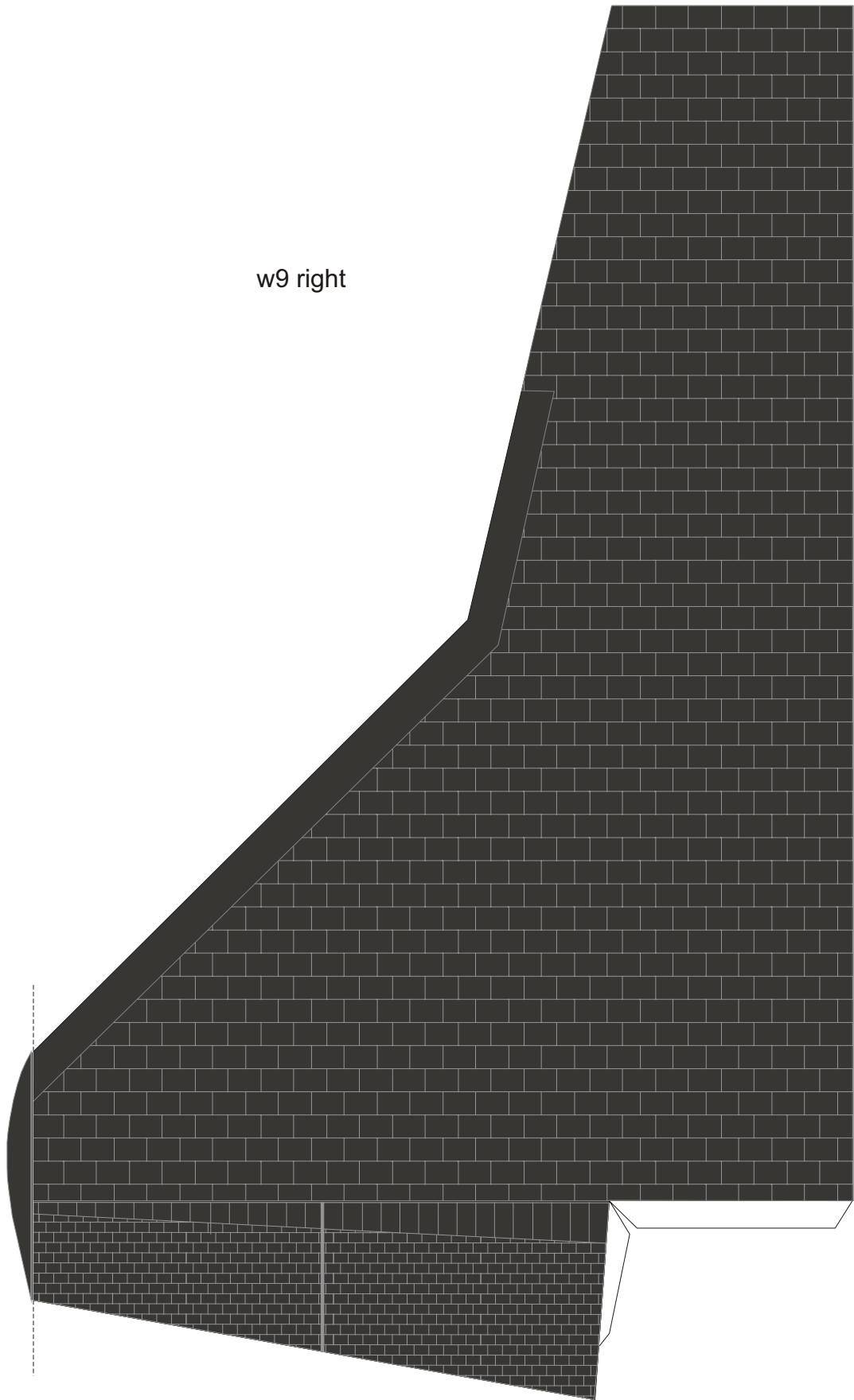


w1

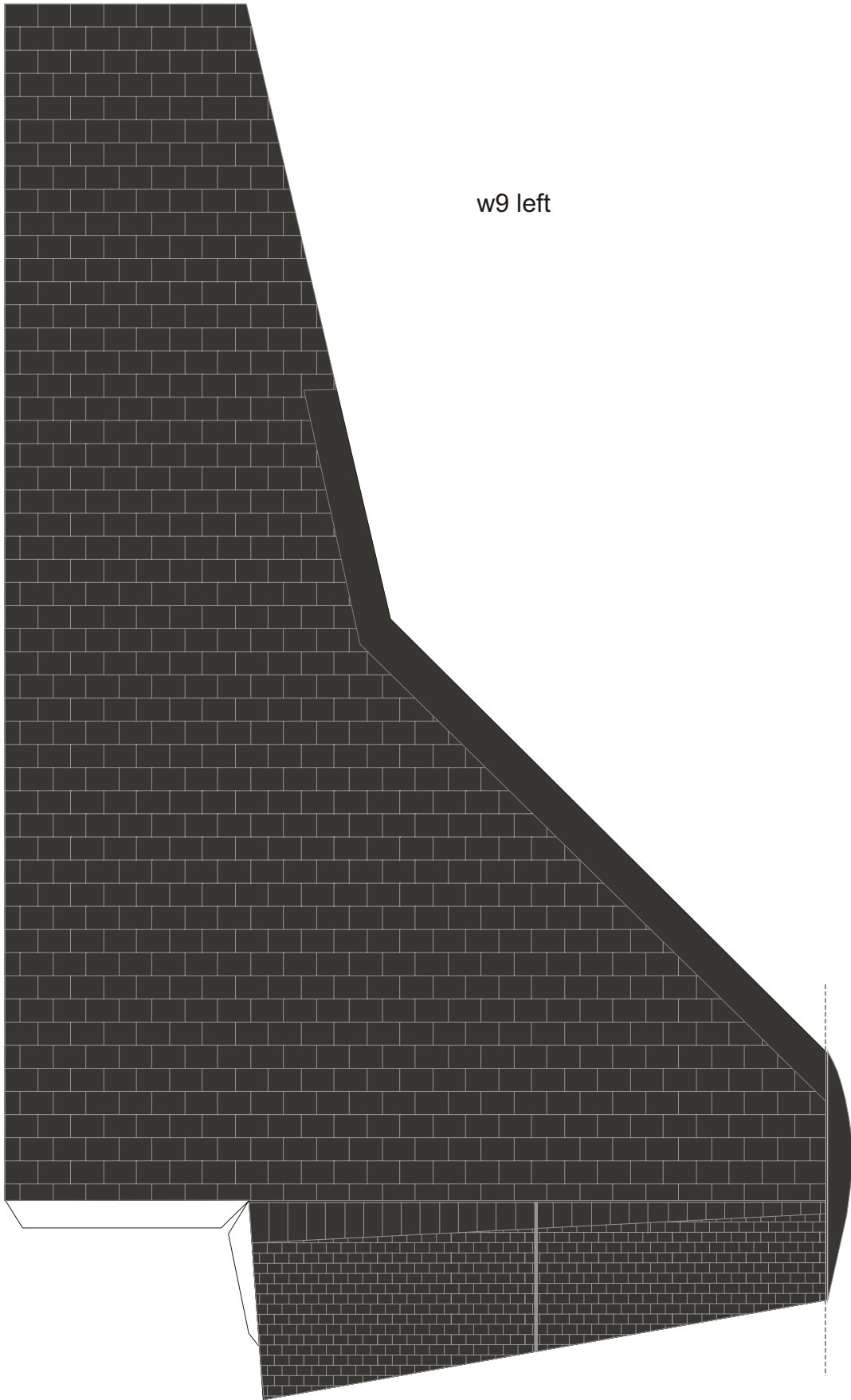


w2

w9 right



w9 left



10 cm

a15

a15

a5

a7a

block A1

— slots

glue onto cardstock

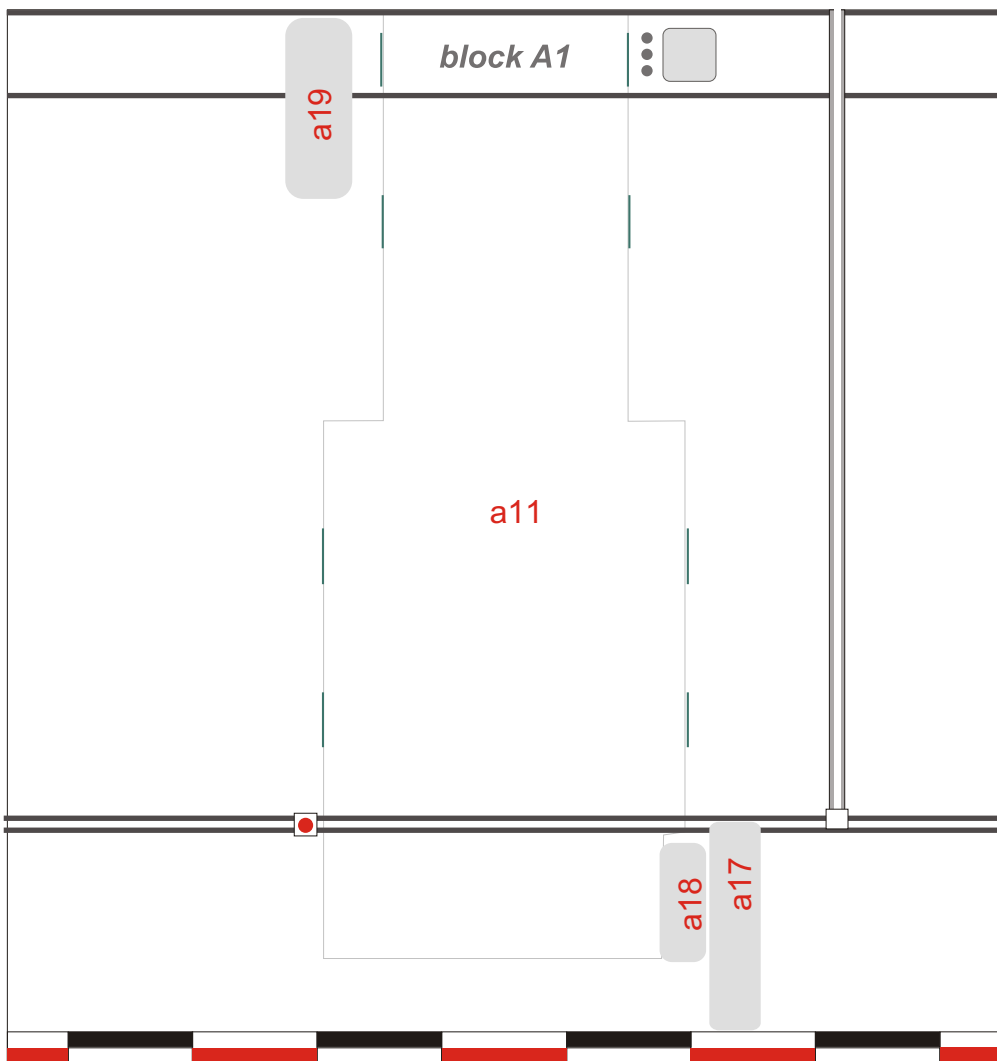
glue brace

A1

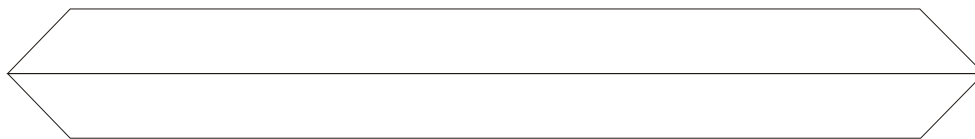
10 cm

10 cm

a7b



10 cm



connector a7a / a7b



glue brace



— slots



10 cm

a15

a15

a5

a7a

block A2

— slots

glue onto cardstock

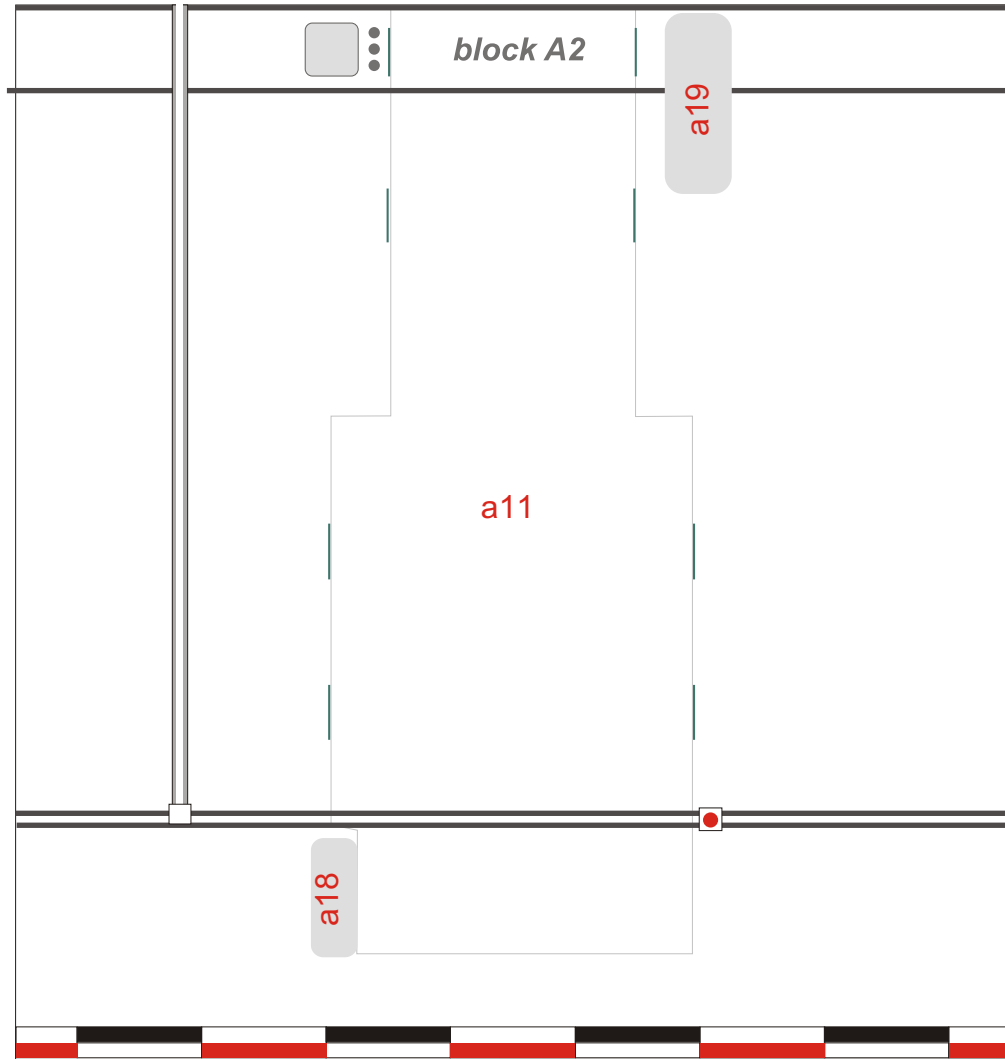
glue brace

A2

10 cm

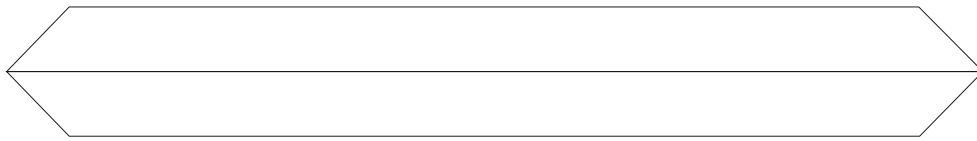
10 cm

a7b

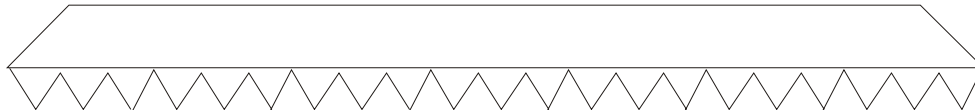


10 cm

glue brace



connector a7a / a7b



slots

A2

10 cm

a15

a15

a5

a7a

block A3

— slots

glue onto cardstock



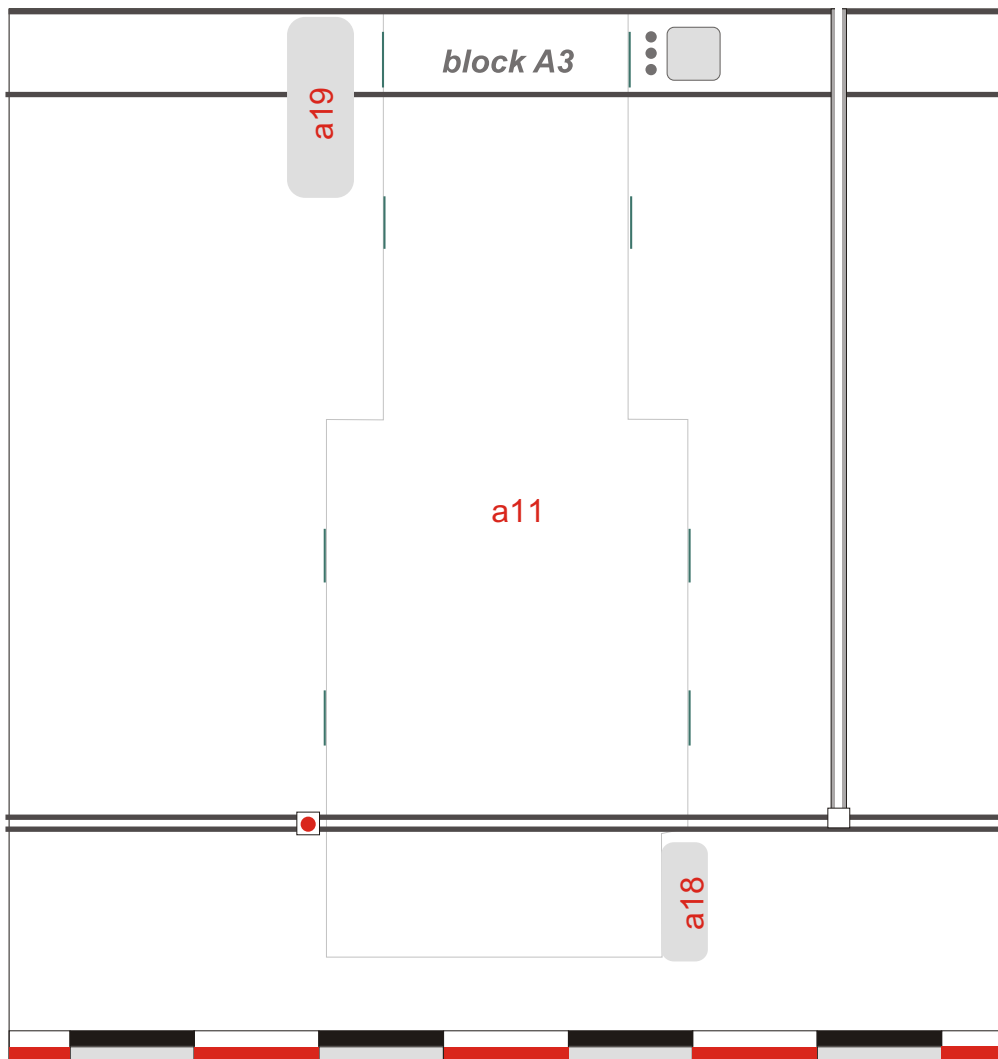
glue brace

A3

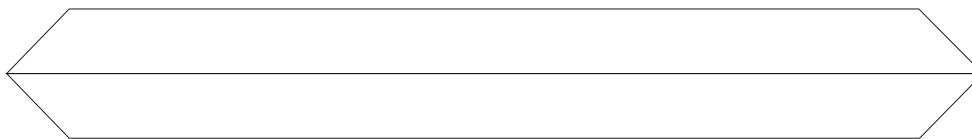
10 cm

10 cm

a7b



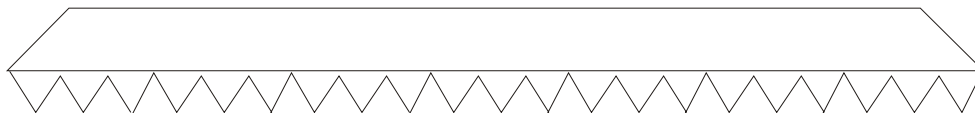
10 cm



connector a7a / a7b



glue brace



— slots

A3

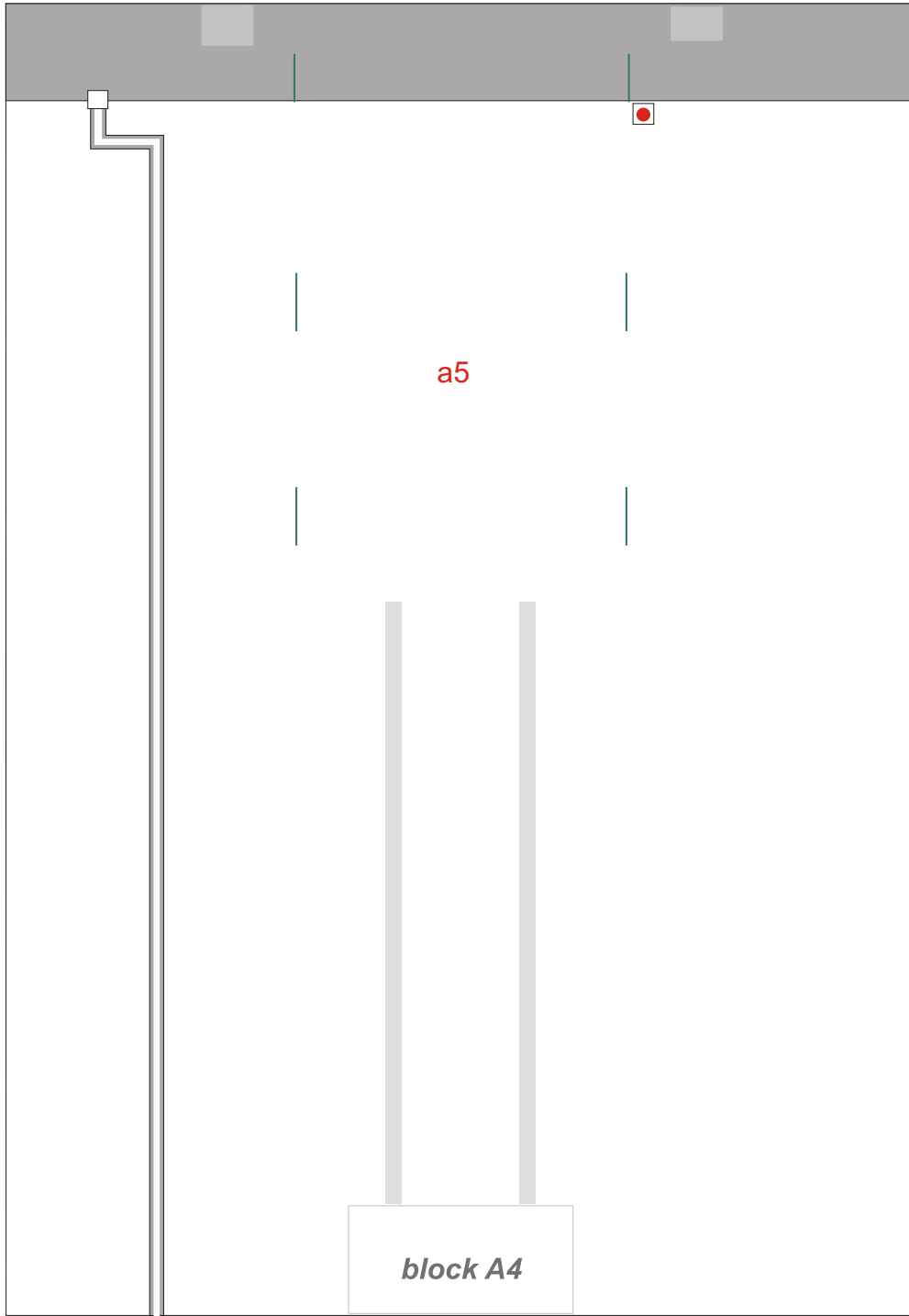
10 cm

a15

a15

a5

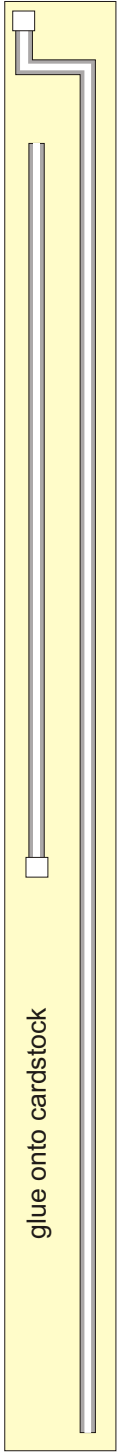
a7a



— slots



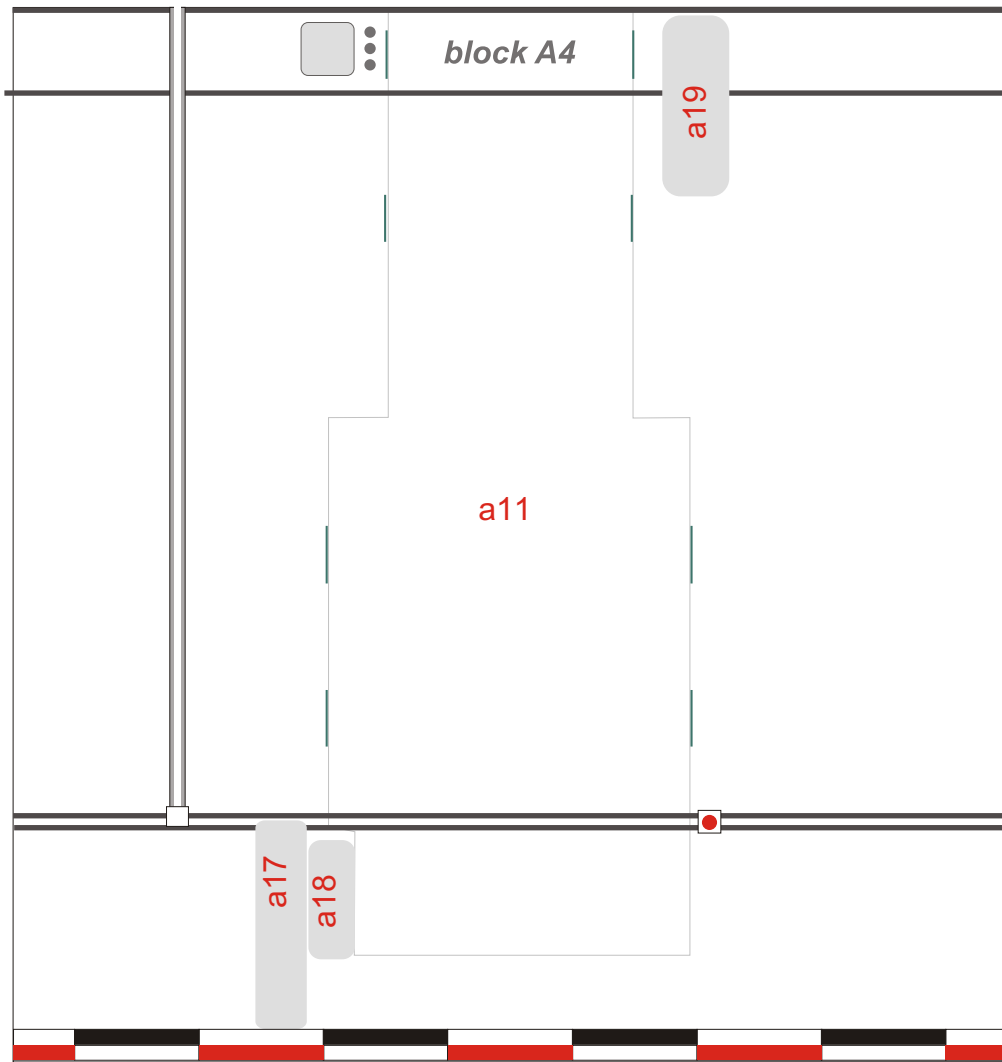
glue brace



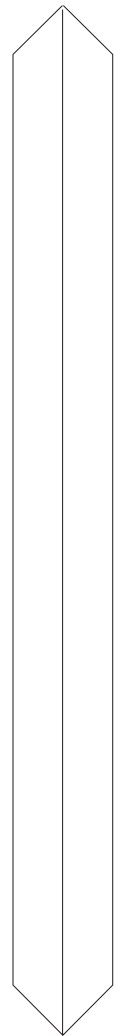
10 cm



10 cm

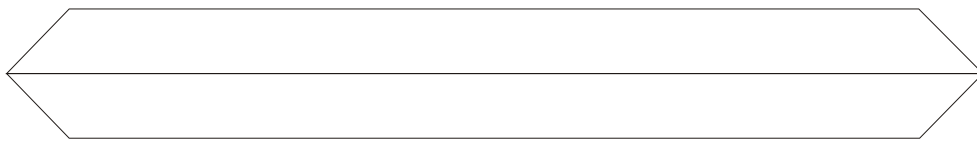
a7b



10 cm




  glue brace



connector a7a / a7b

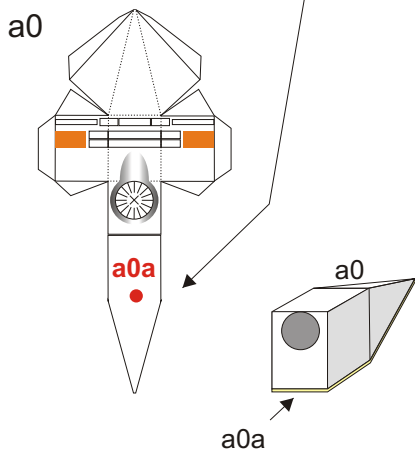
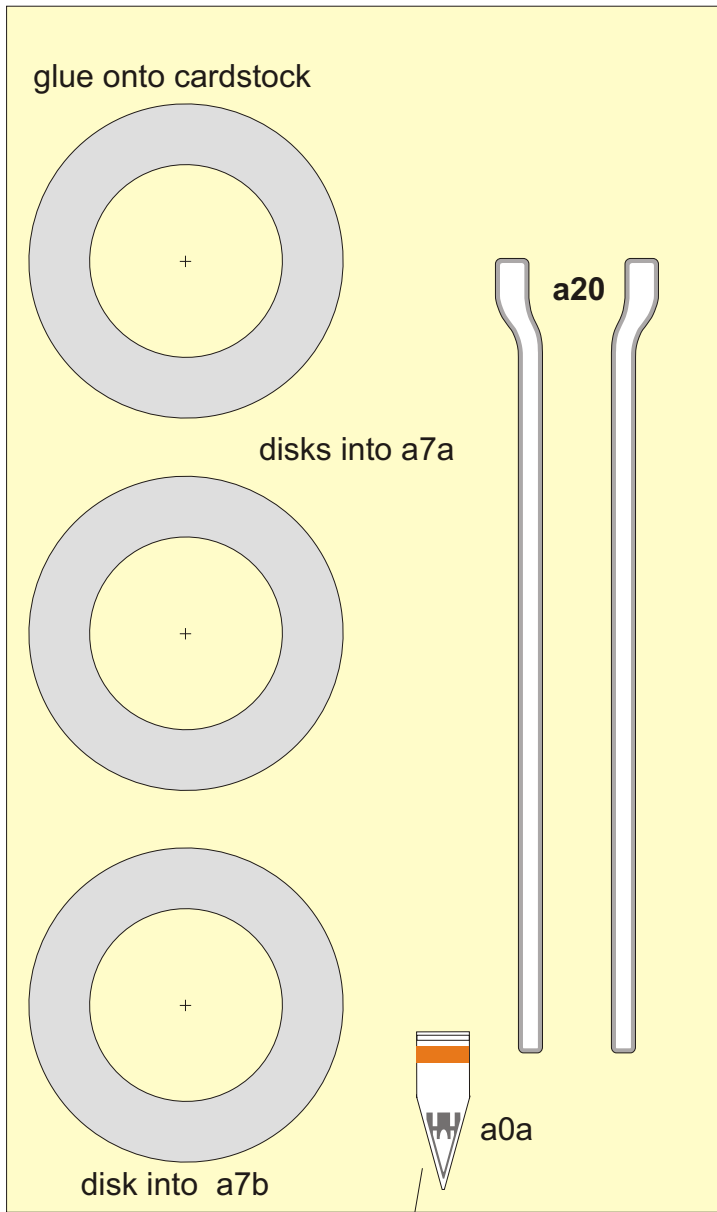


 slots

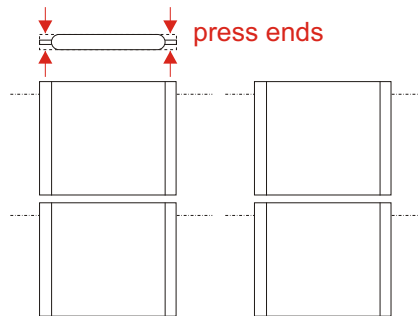
A4

FK175 Блок А (ЛЧ М1№0003)	FK175 Блок А (ЛЧ М1№0003)	FK175 Блок А (ЛЧ М1№0003)	FK175 Блок А (ЛЧ М1№0003)
1	2	3	4

Numbers of blocks for gluing on bottom of a11 on page 37

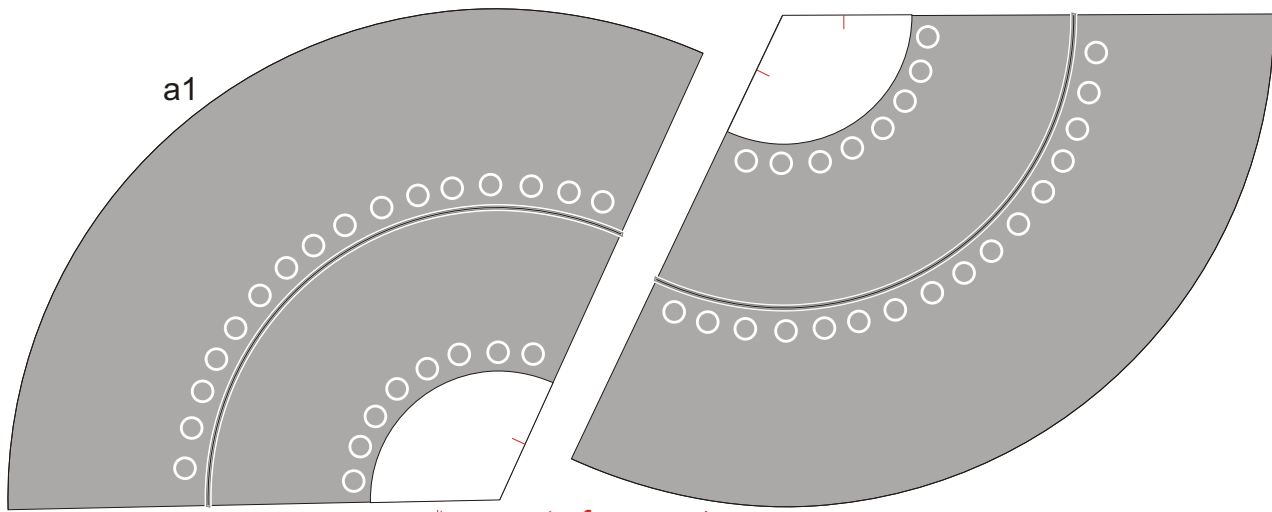


braces for parabloks (x4)
tube D = 2mm



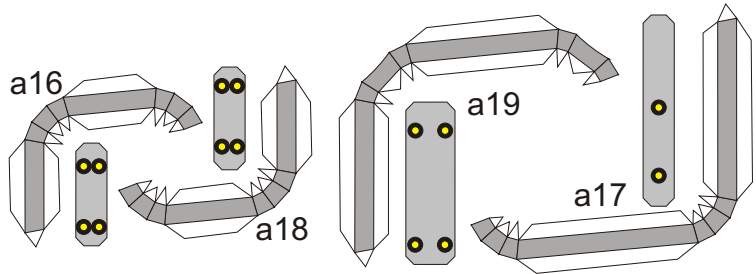
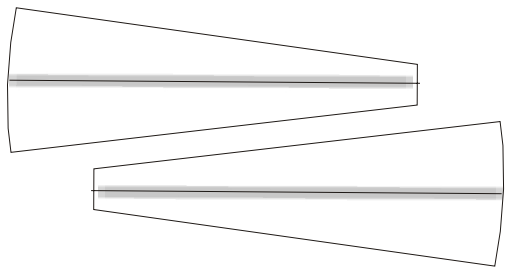
Details for stage A
Print 4 copies

10 cm

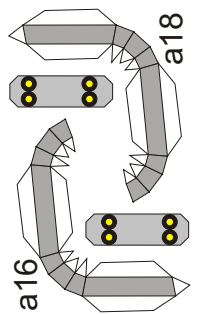
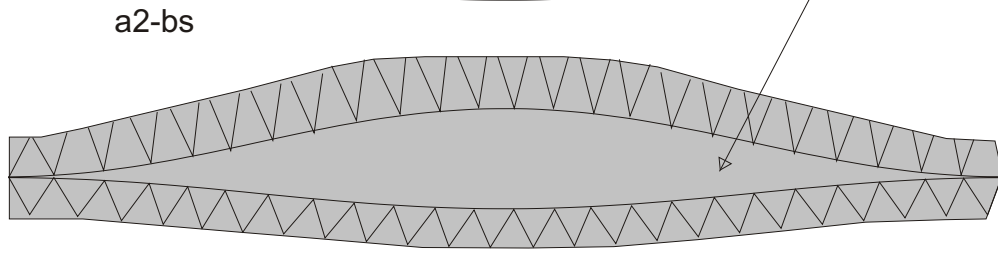
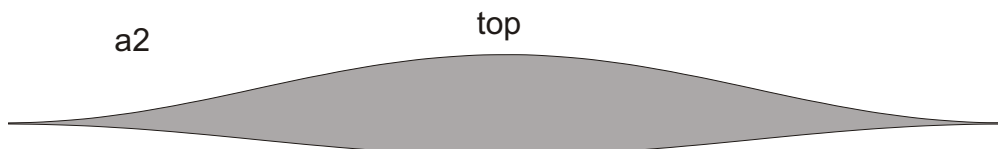
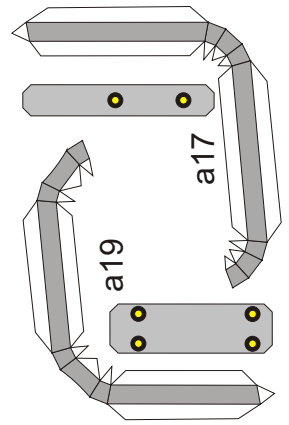
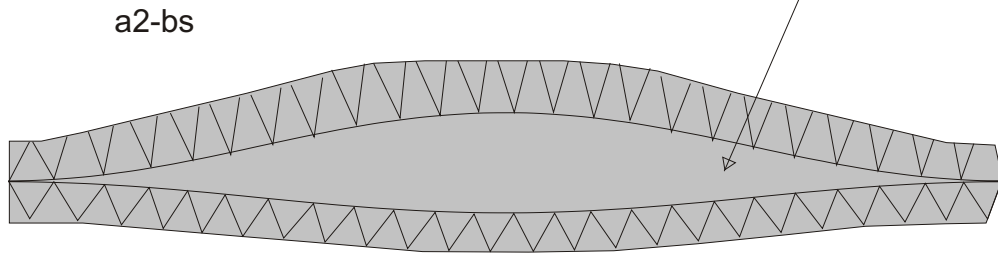
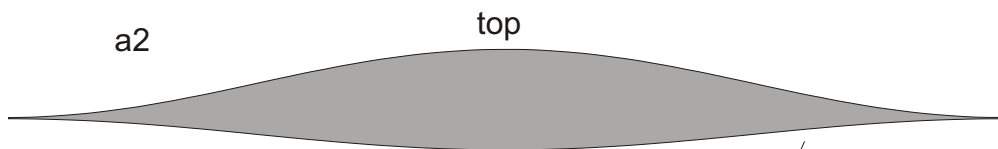


part of cone a1
outside a0

part of cone a1
inside a0



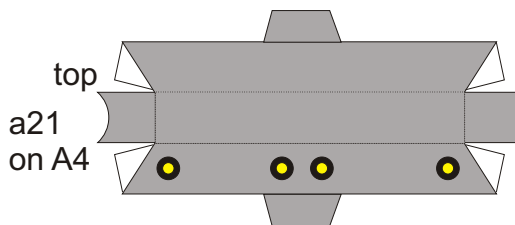
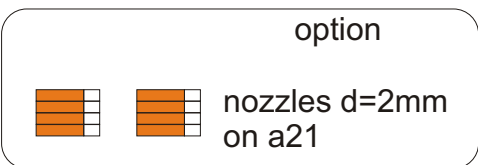
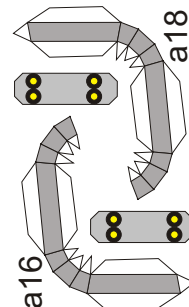
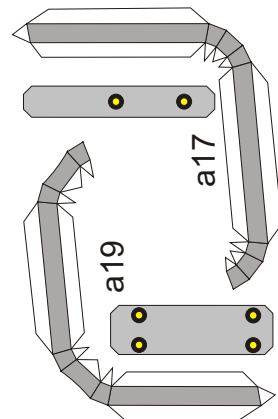
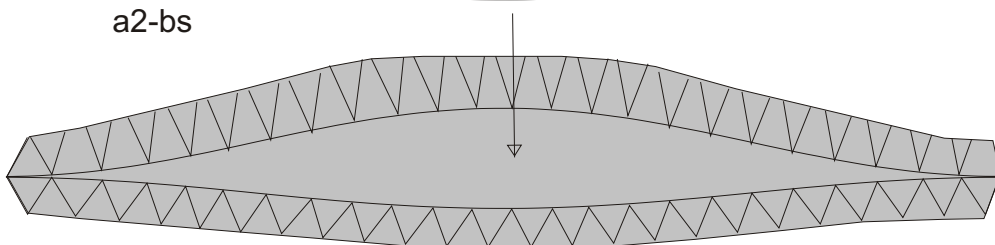
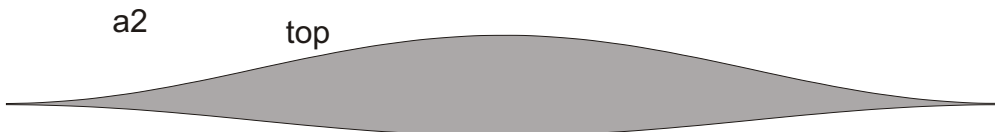
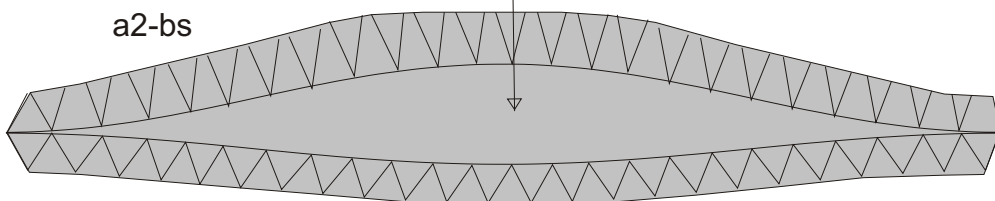
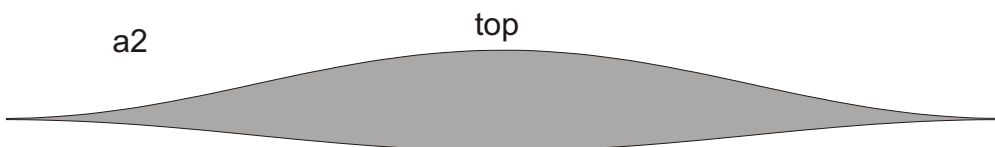
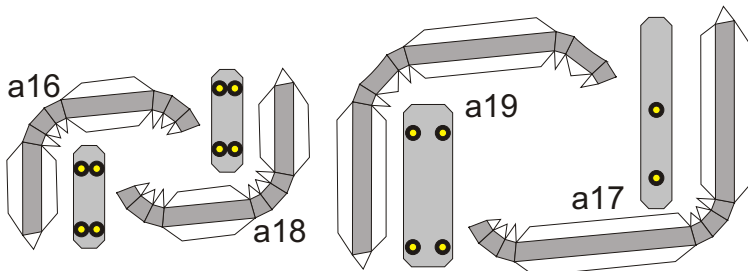
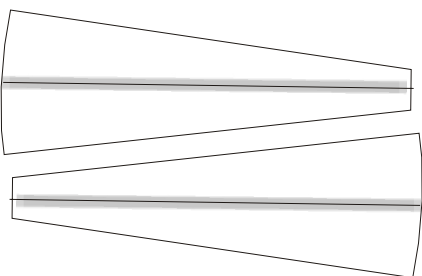
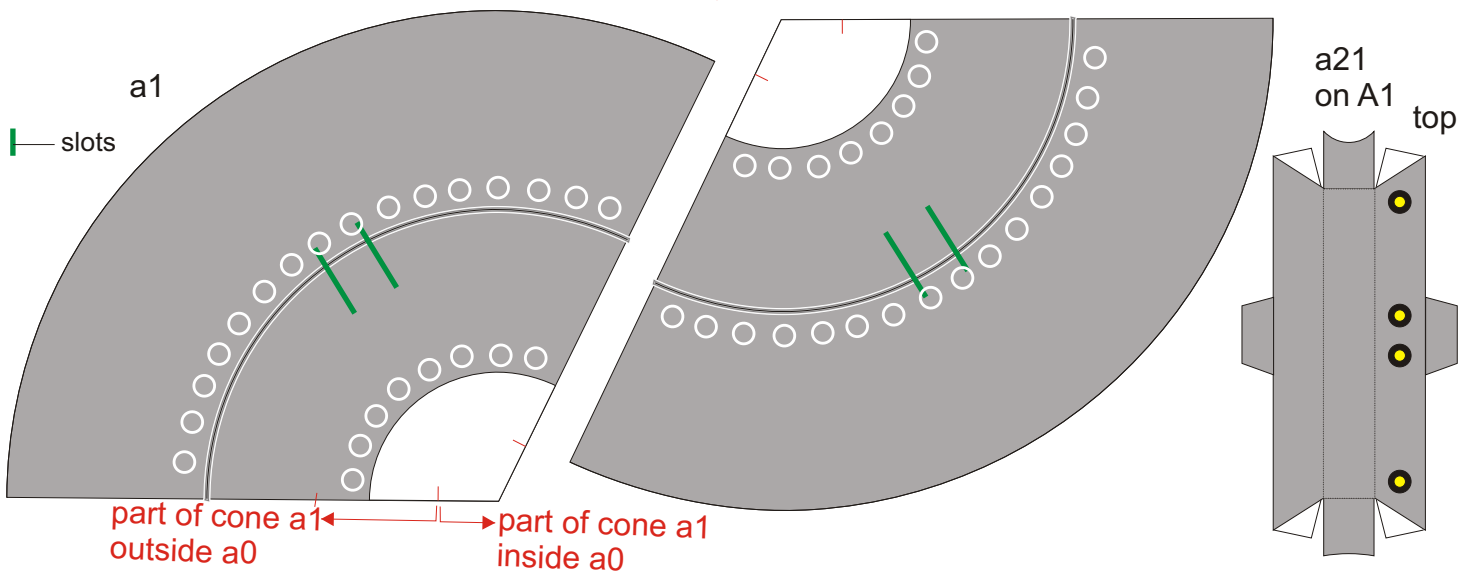
10 cm



Cut lower tabs of a2-bs,
glue a2-bs to top of a7a,
glue a2 over a2-bs.
Cut top tabs of a2-bs
and glue cone a1.

Top cones of blocks A2 & A3

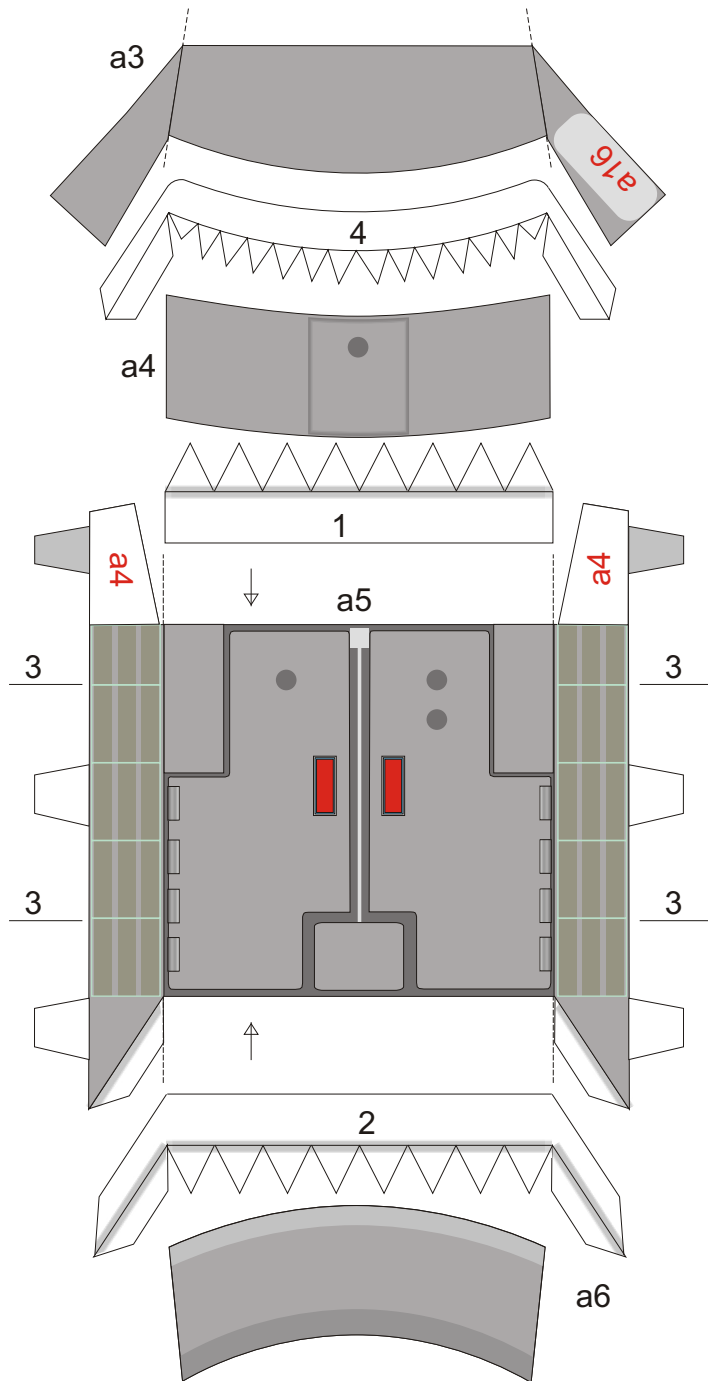
10 cm



Cut lower tabs of a2-bs, glue a2-bs to top of a7a, glue a2 over a2-bs. Cut top tabs of a2-bs and glue cone a1.

10 cm

Top cones of blocks A1 & A4

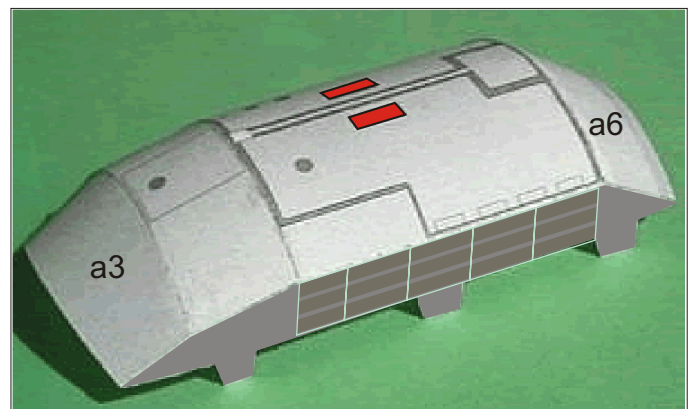
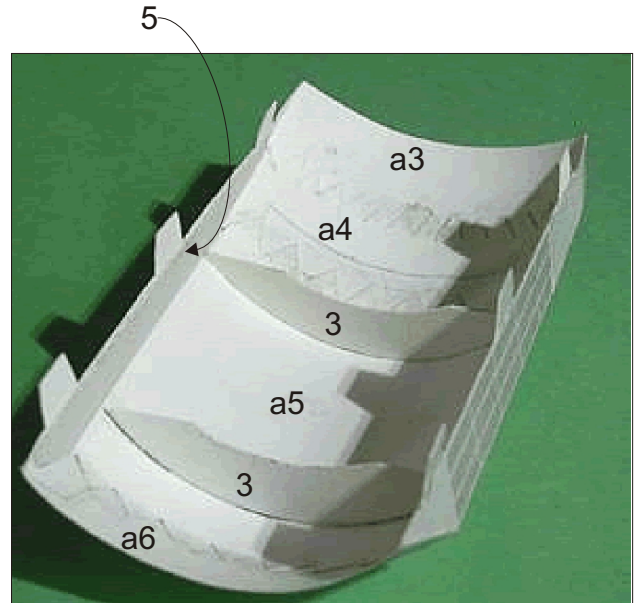
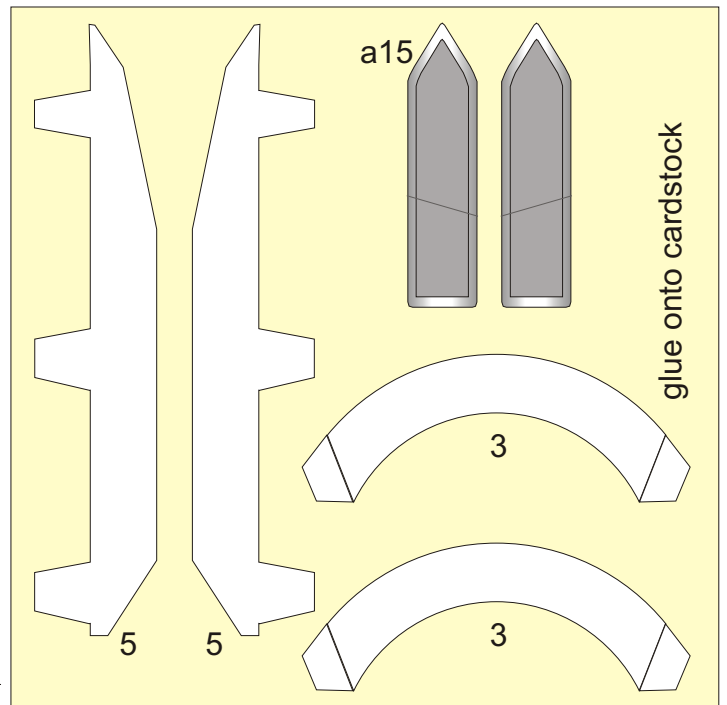


Assembling of a5

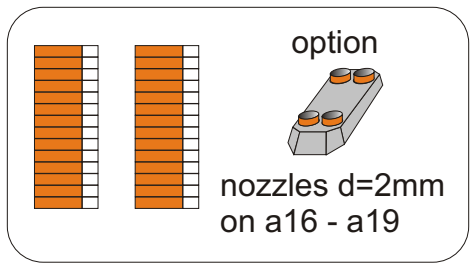
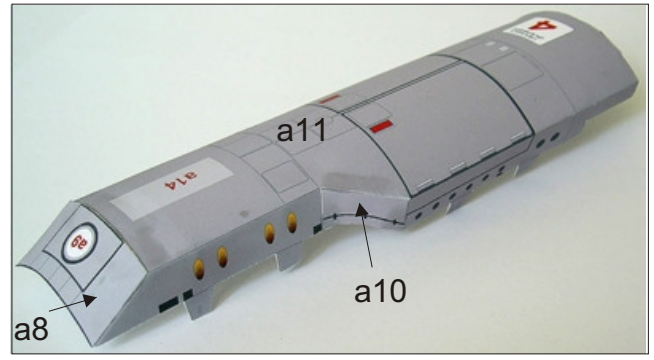
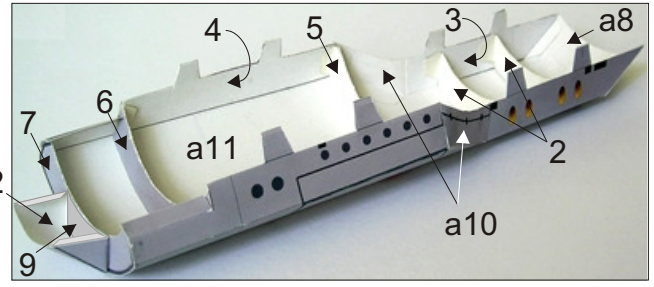
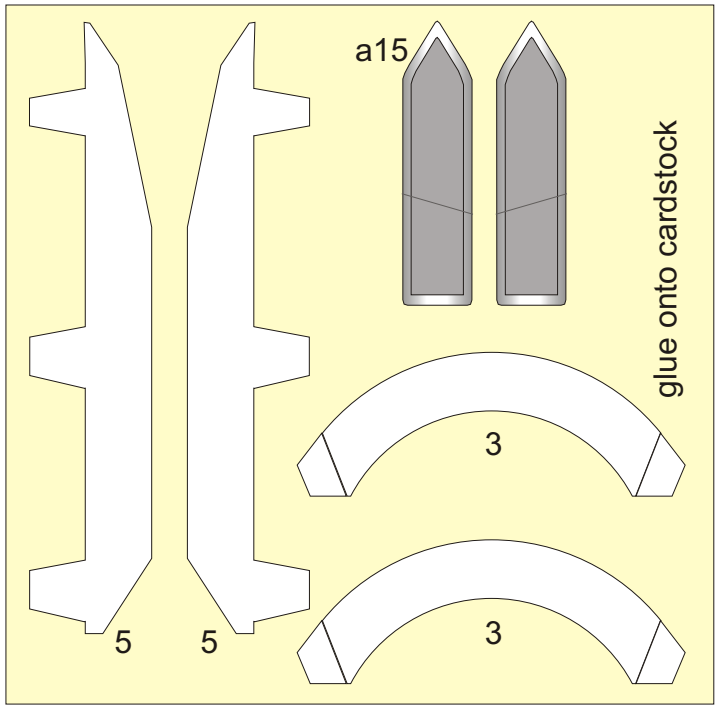
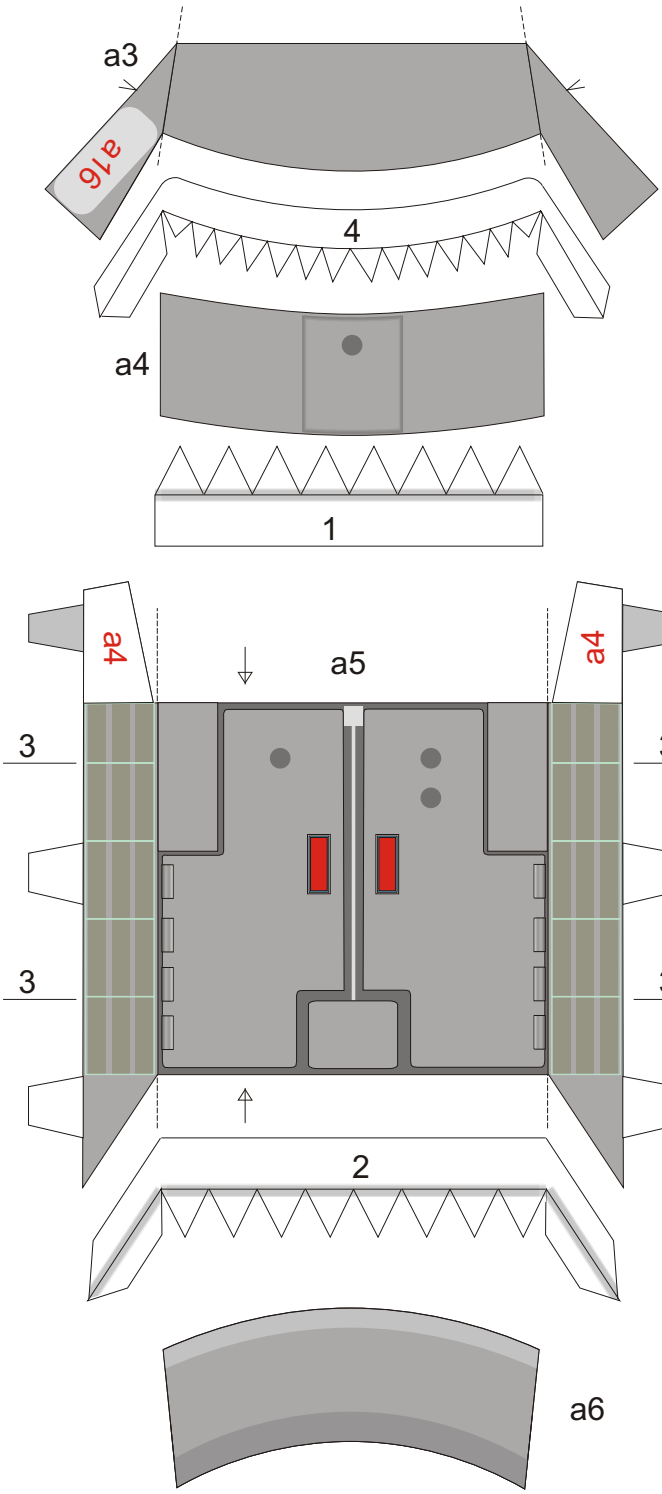
- 1 - glue tabs 1 and 2
- 2 - glue frames 5 then 3
- 3 - assembly a3 and a4 by tab 4
- 4 - glue a3/a4 and a6 onto a5

Assembling of a11 (see p.37)

- 1 - glue tab 1
- 2 - glue frames 3 and 4
- 3 - glue frames 2, 5 and 6
- 4 - glue 7 and tab 8
- 5 - glue 7 into a11
- 6 - bend a12 and glue frame 9 on tabs from inside of a12
- 7 - glue a8 and a10 on a11, glue a12 on 7



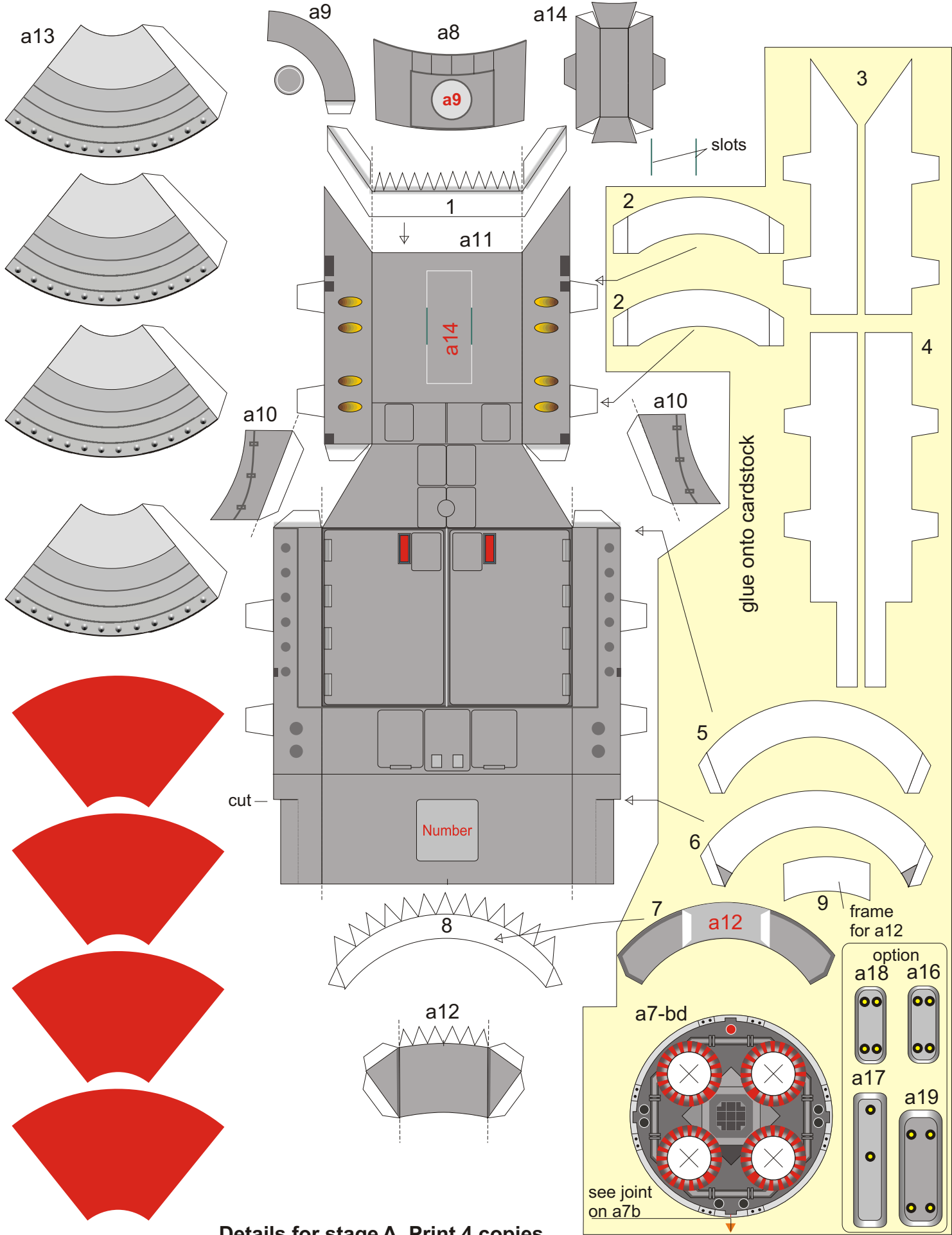
Details for stage A blocks 1 & 3
Print 2 copies



Details for stage A blocks 2 & 4
Print 2 copies

option

10 cm



Details for stage A Print 4 copies