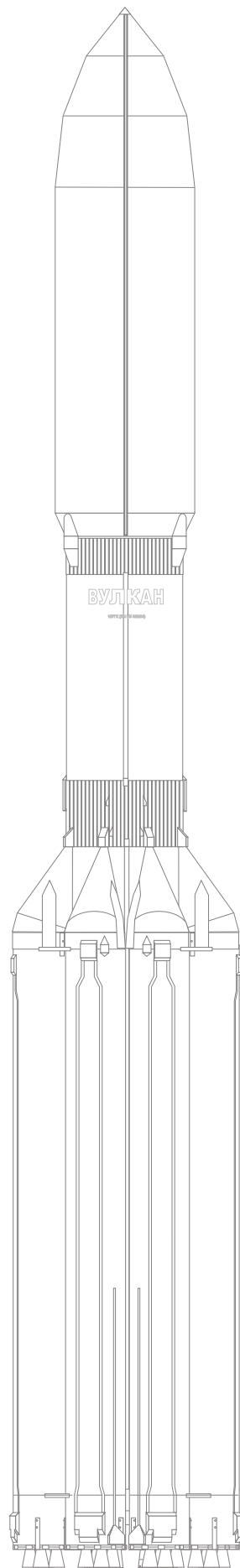
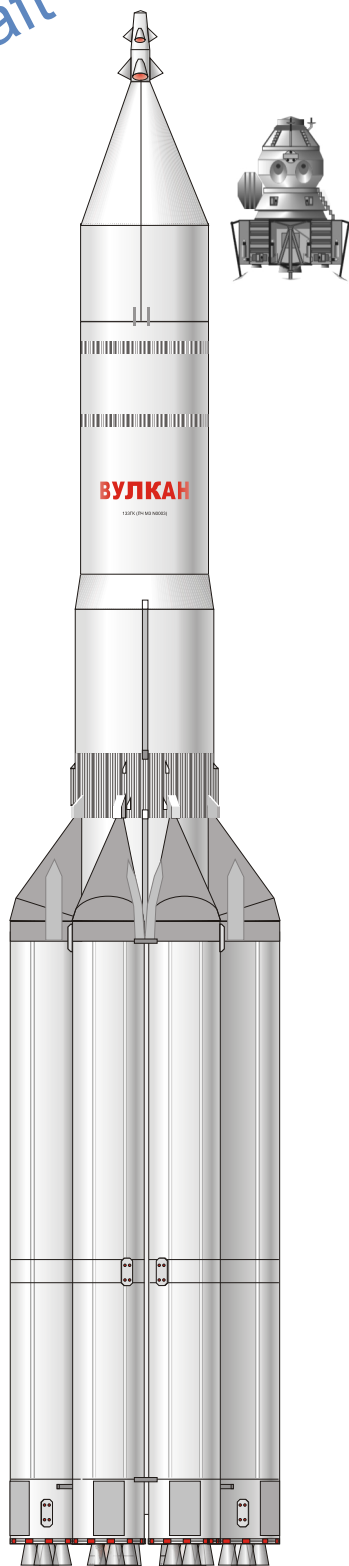


Vulkan

model 3
for manned spacecraft
1:96 scale



H ~873 mm

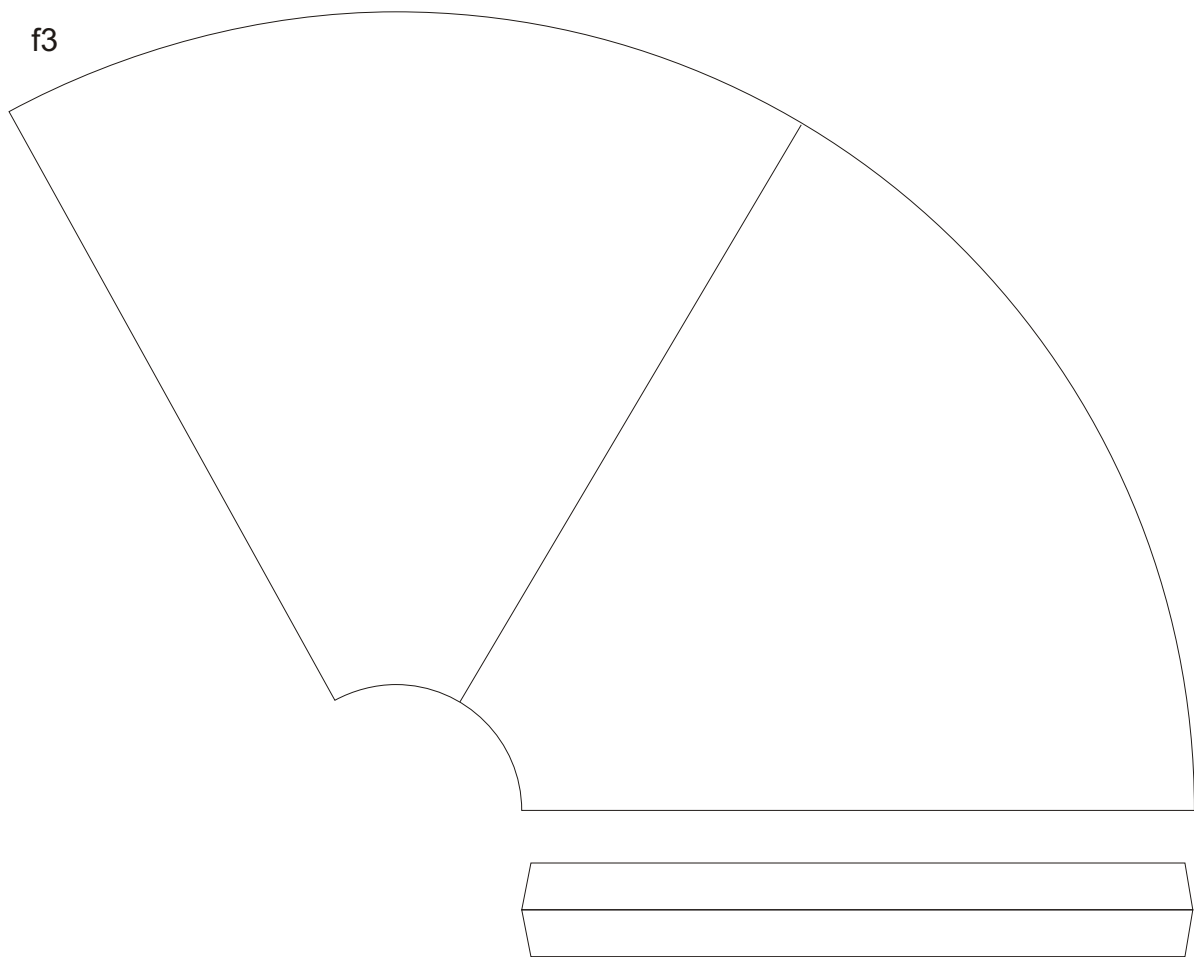
Paper used:

0,15 mm - 130 gr

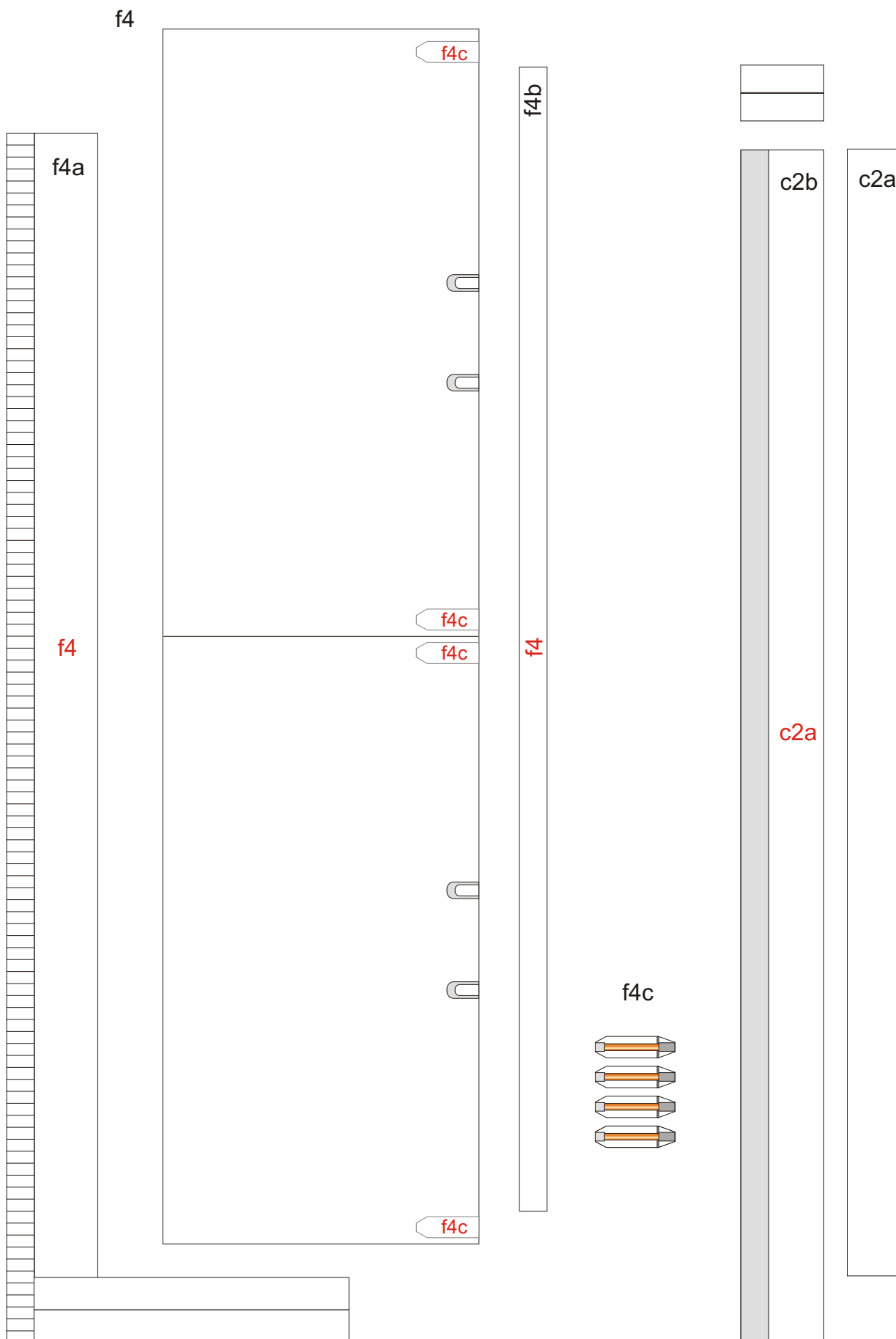
0,26 mm - 200 gr ("cardstock")

Glue: PVA





10 cm



10 cm

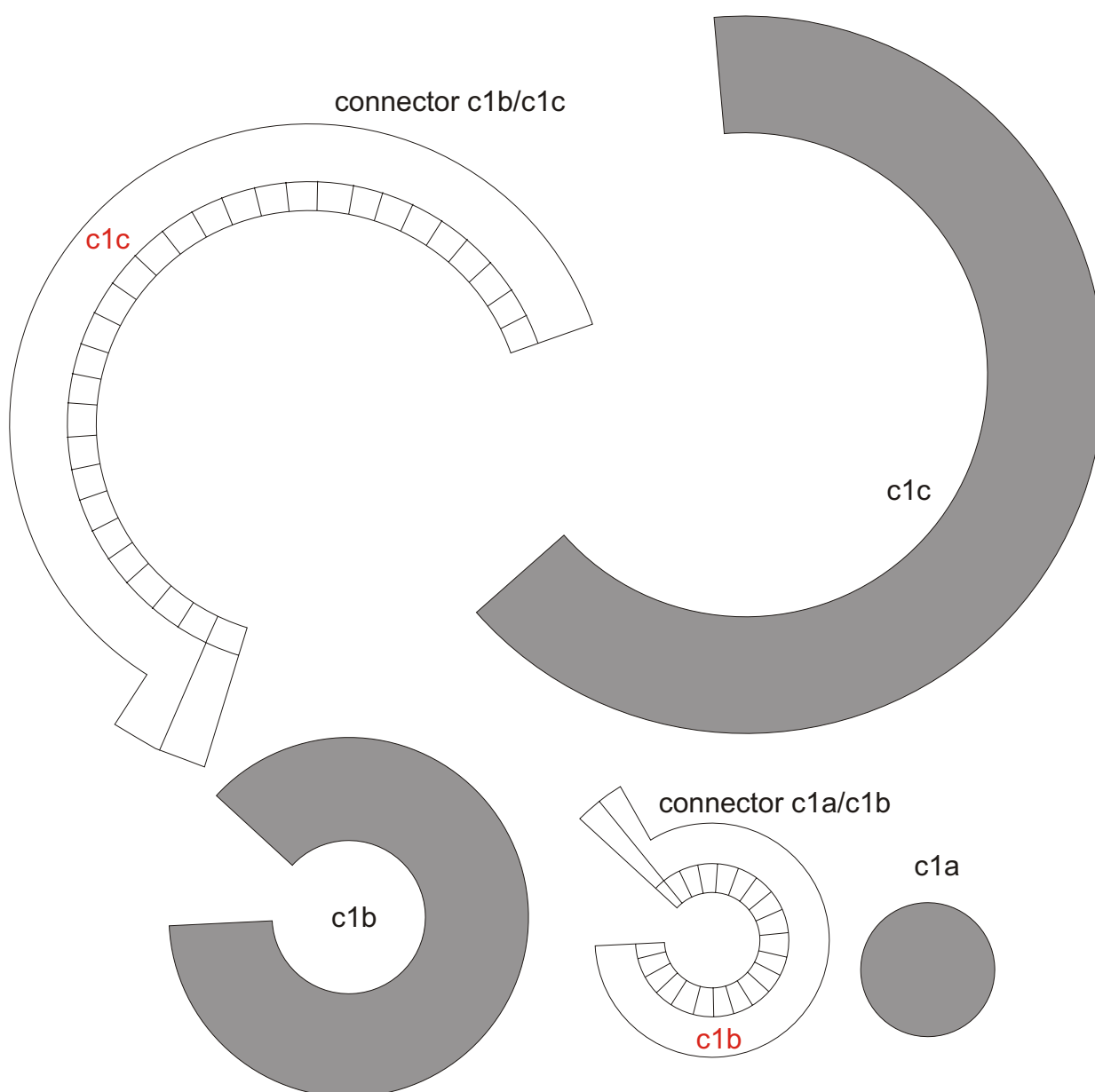
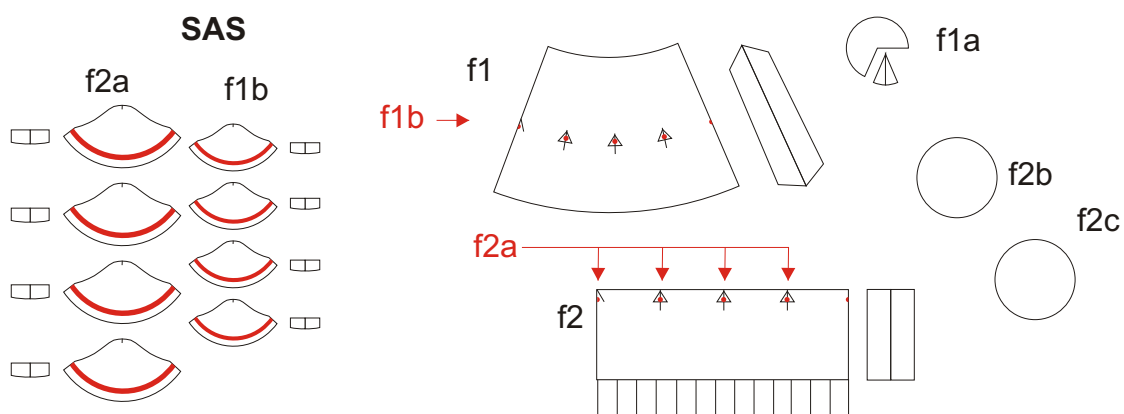
strip for gluing of cylinder c2

c2

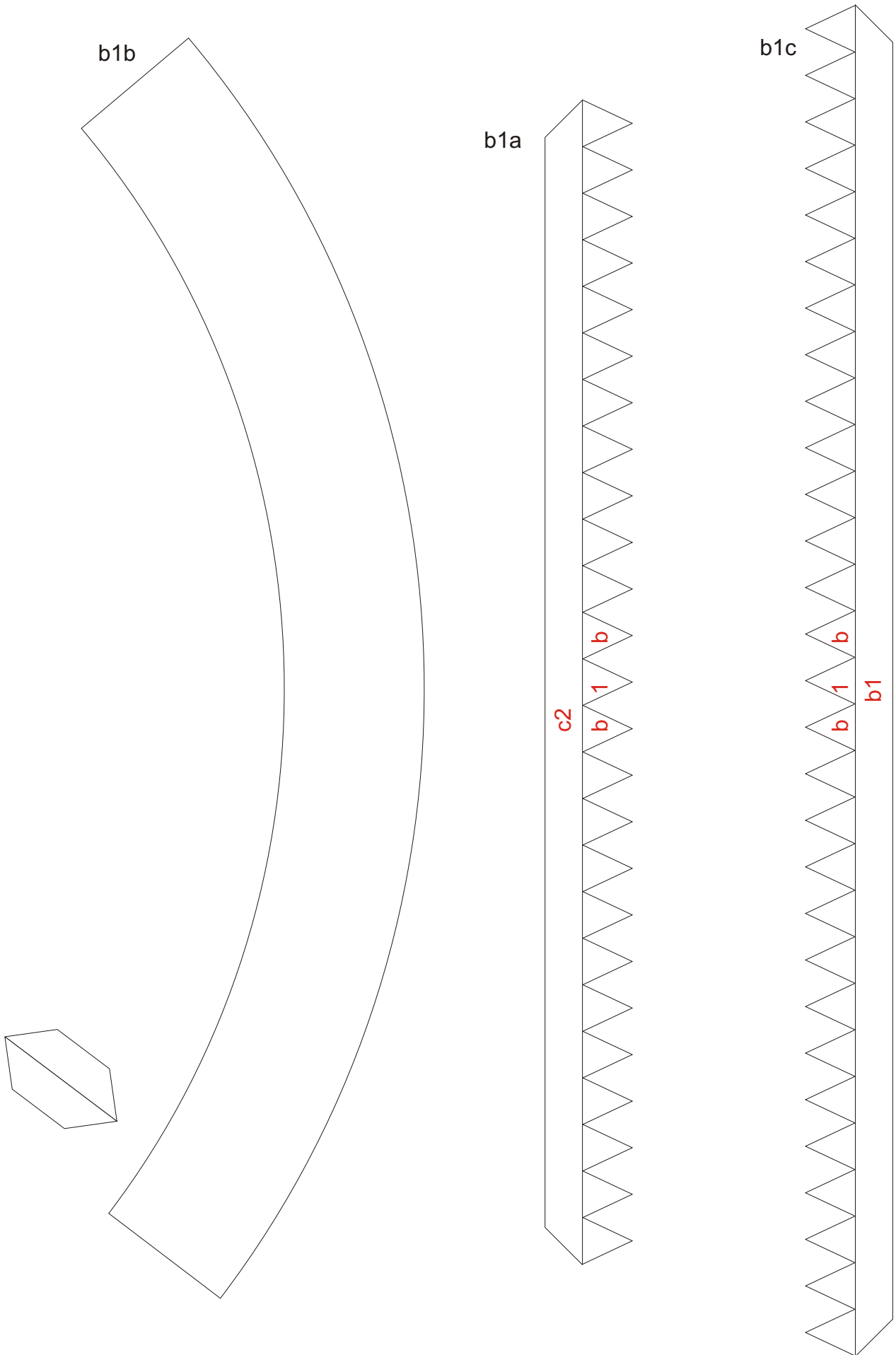
ВУЛКАН

133ГК (ЛЧ М3 N0003)

10 cm



10 cm



b1

st-2

st-1

a1b

a1b

ra

a1b

a1b

a1b

a1b

ra

a1b

a1b

st-1

antenna "ra"

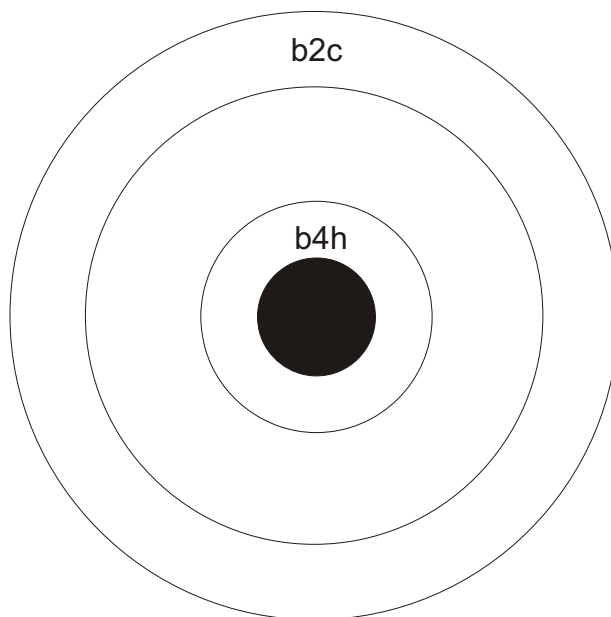
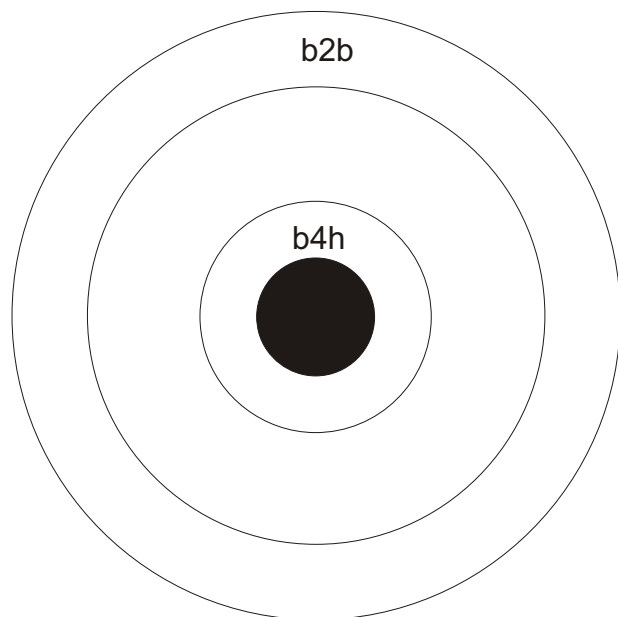
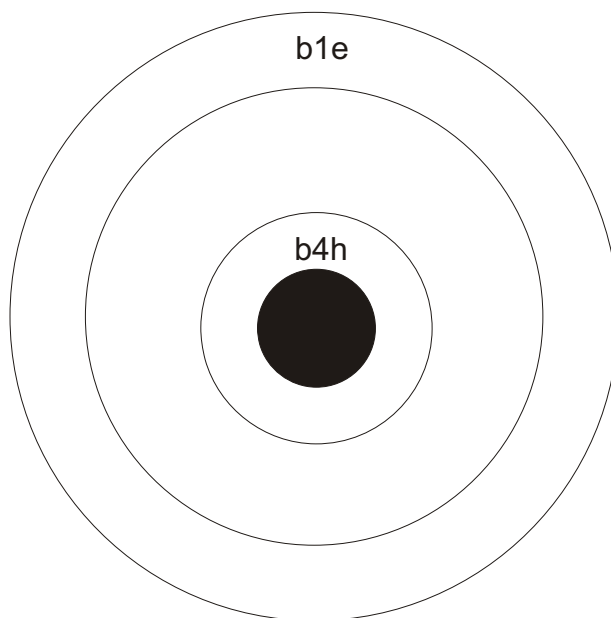
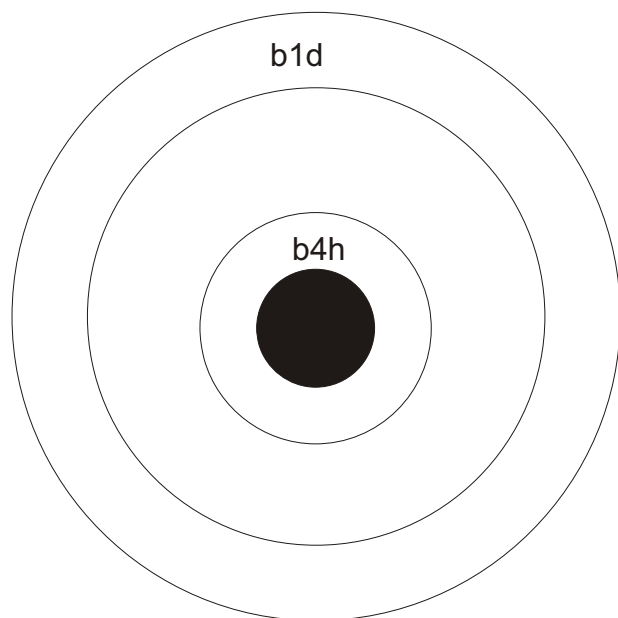
slots
for "dr" (x4)

insert "dr"
from
backside
of "b1"

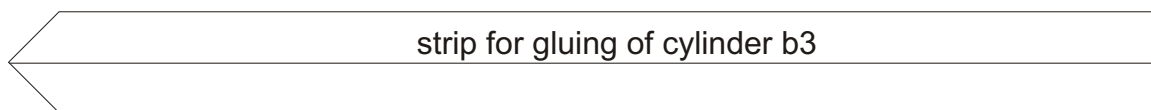
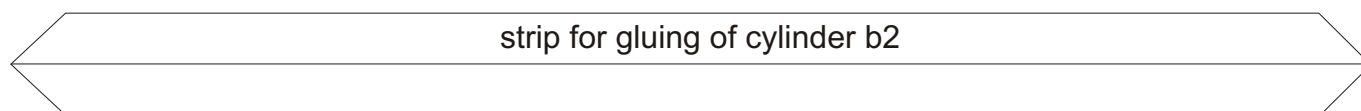
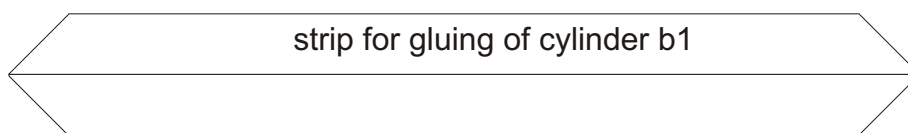
antenna "ra"

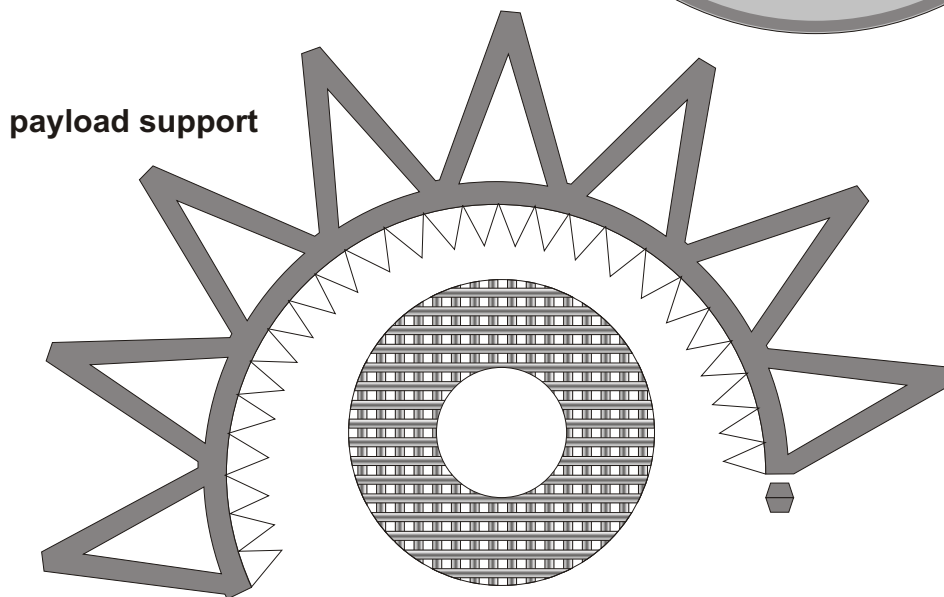
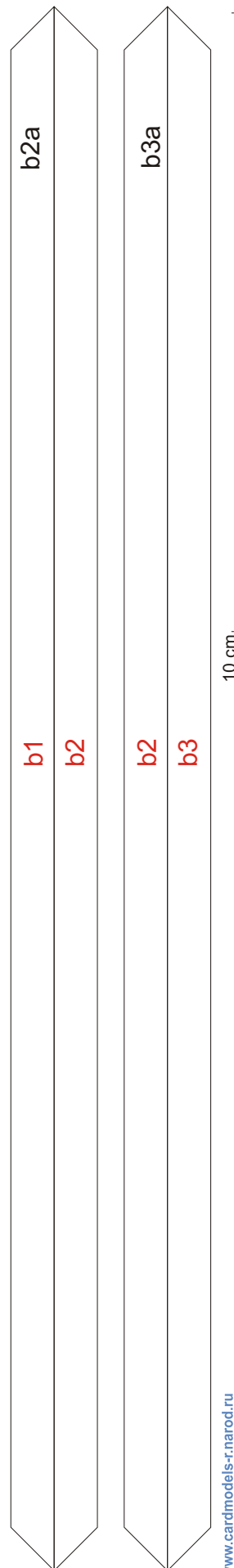
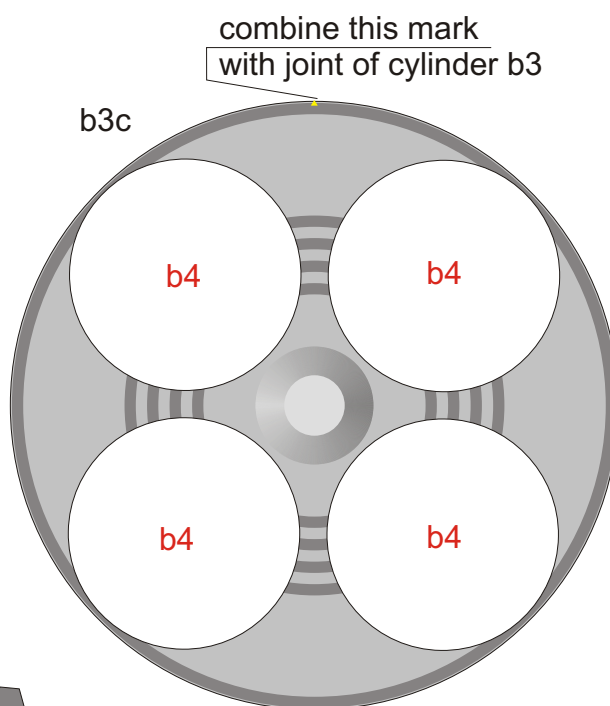
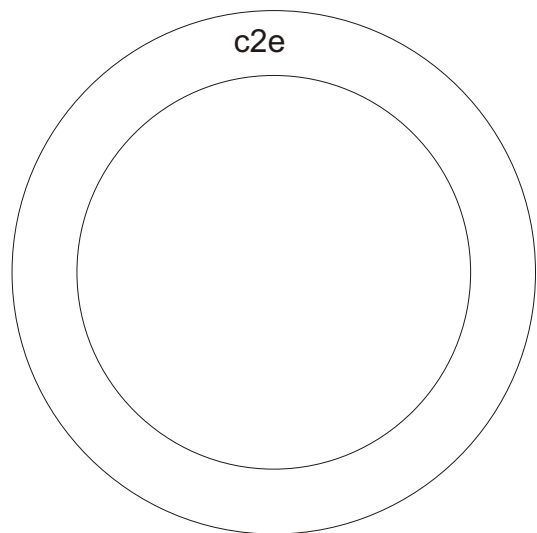
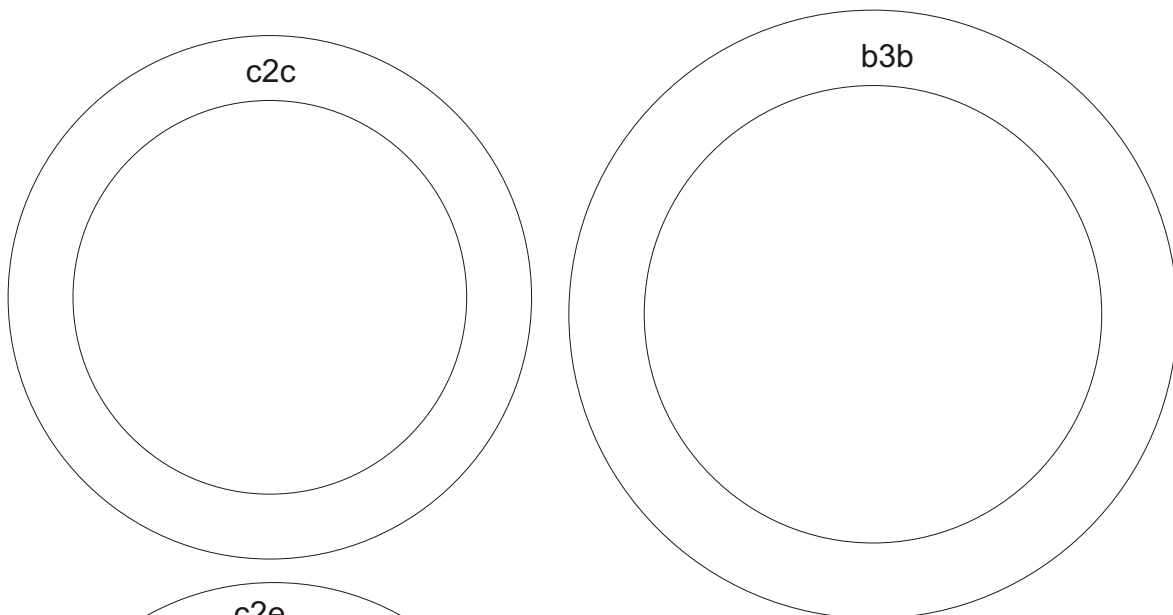
parts "ra" and "dr"
see page 12

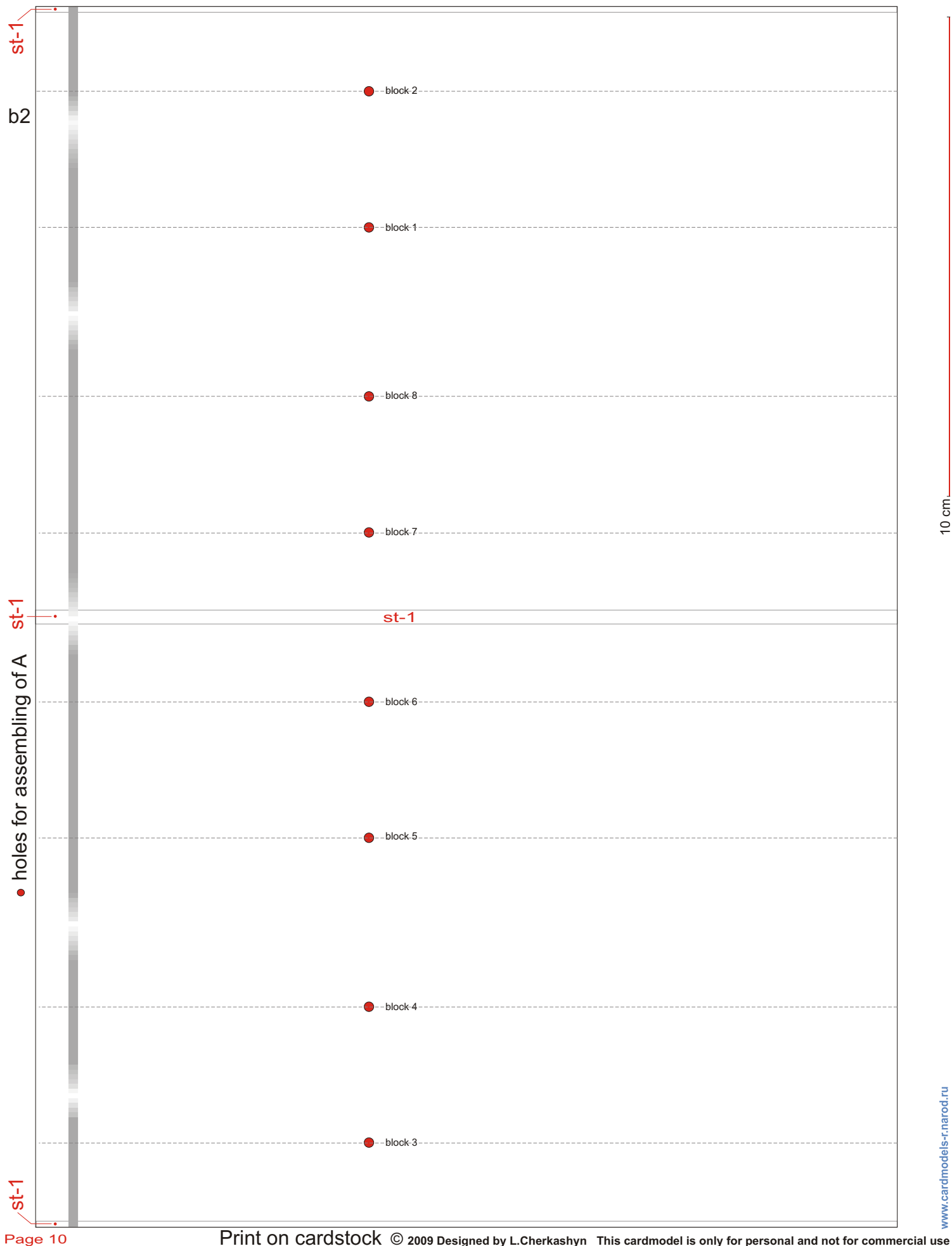
10 cm

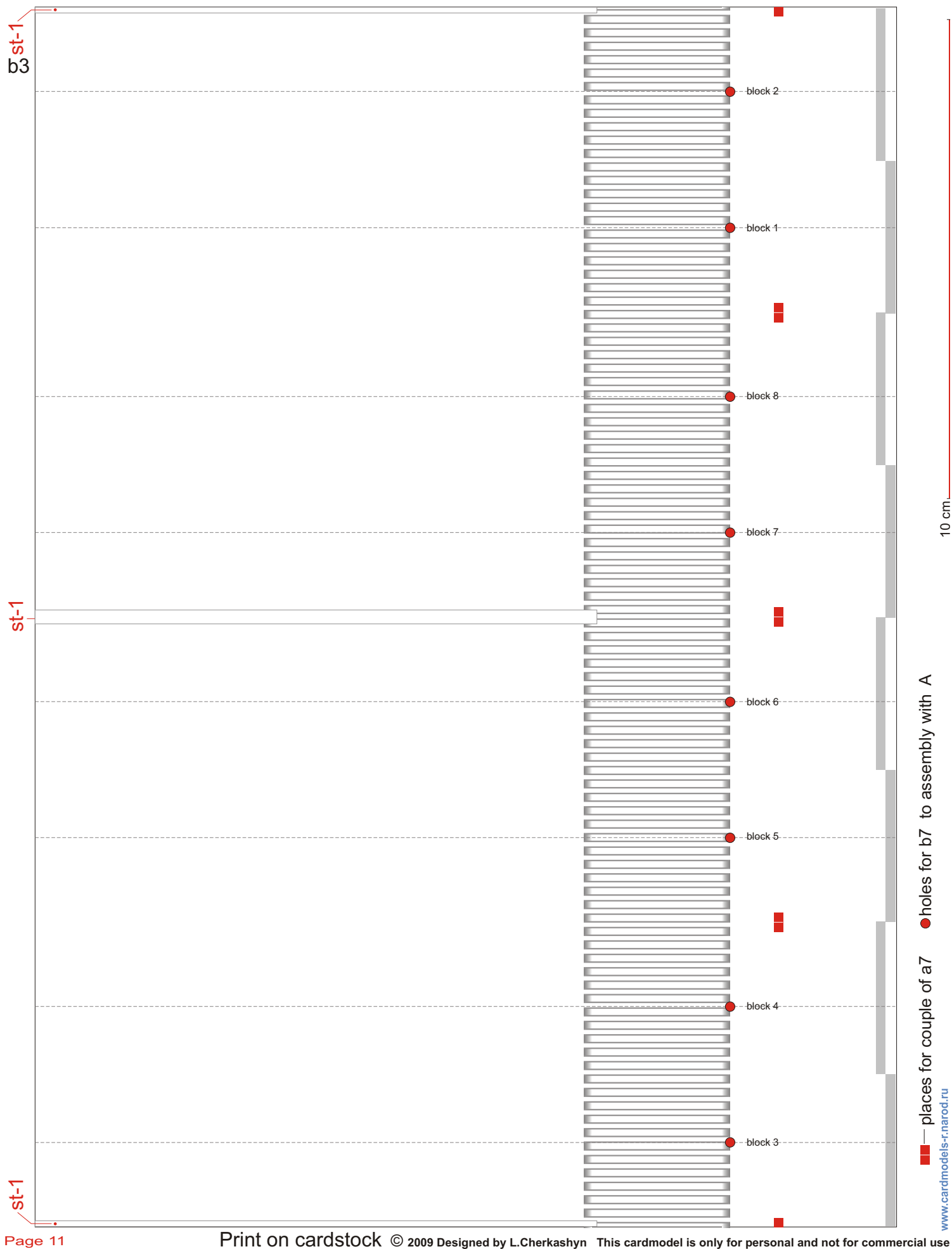


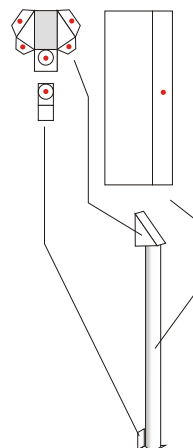
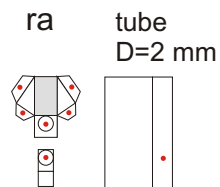
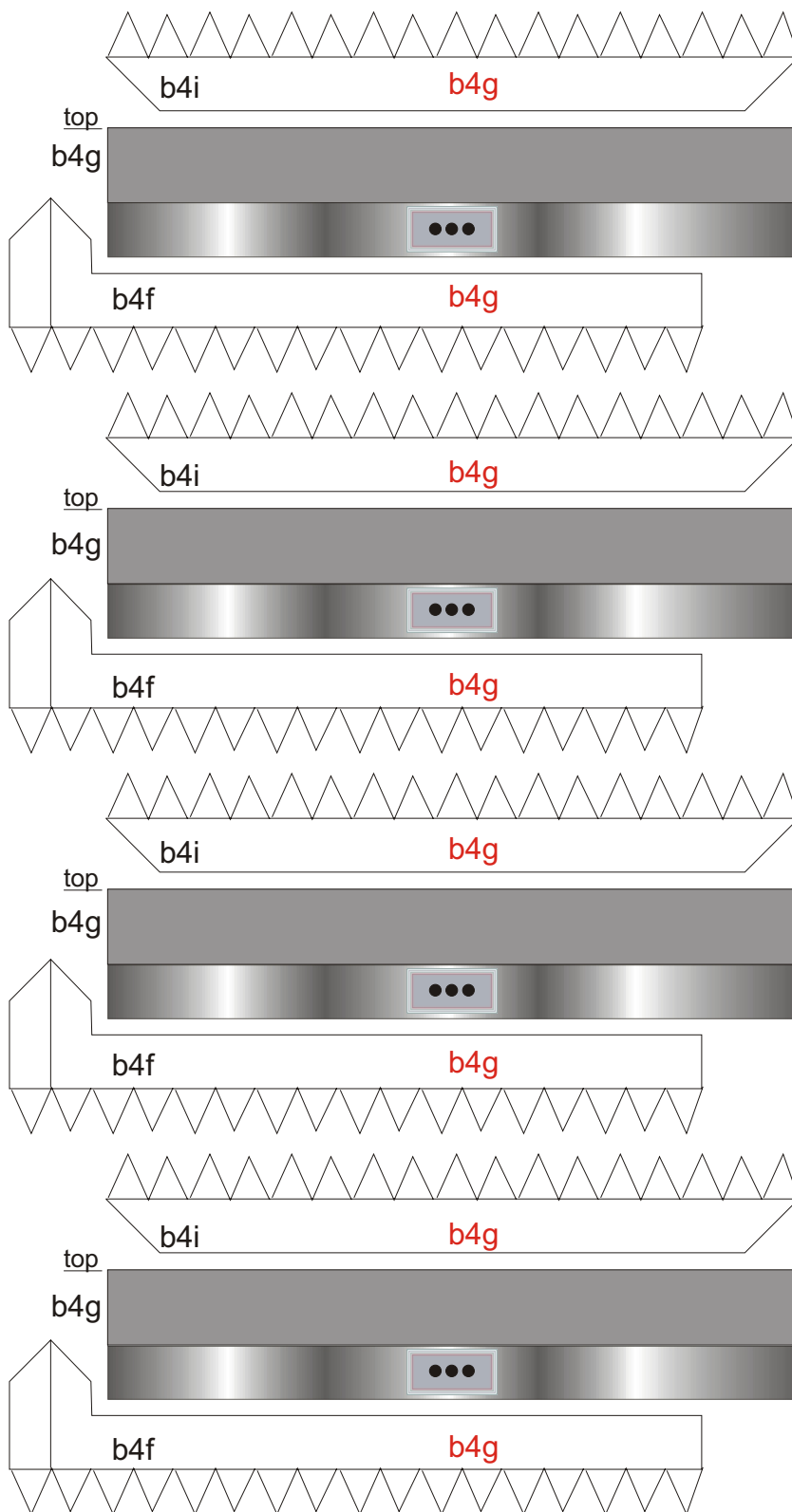
10 cm



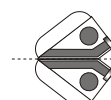
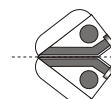
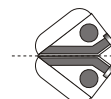
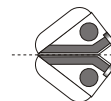




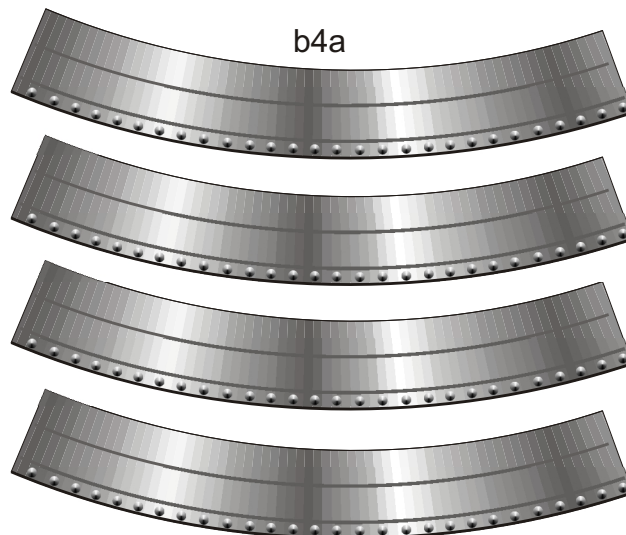
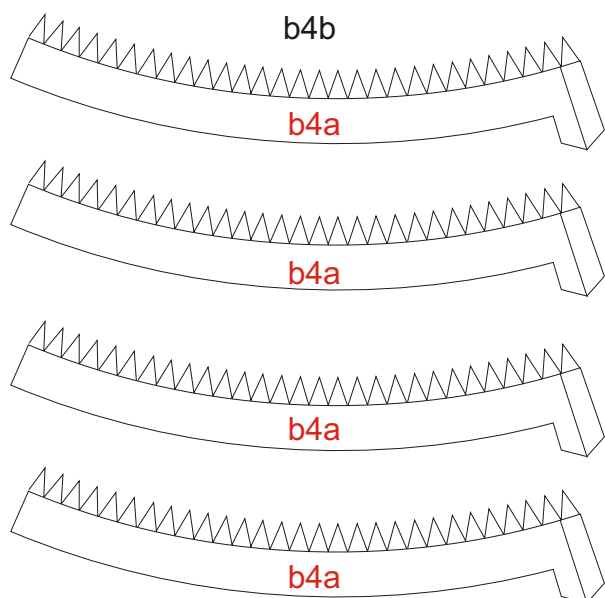
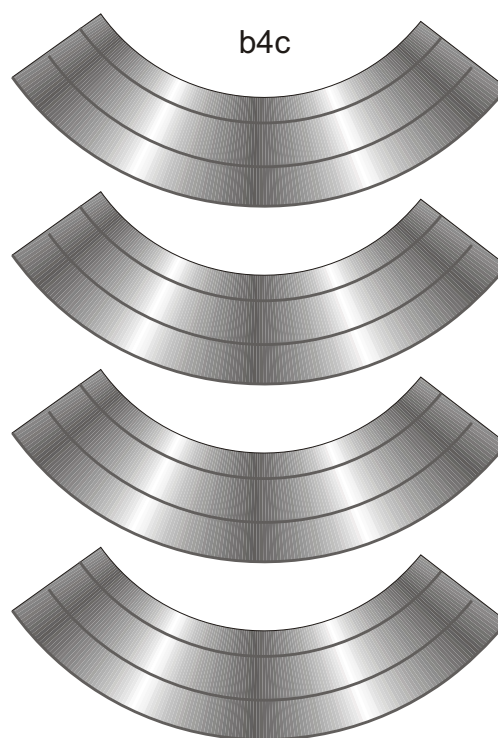
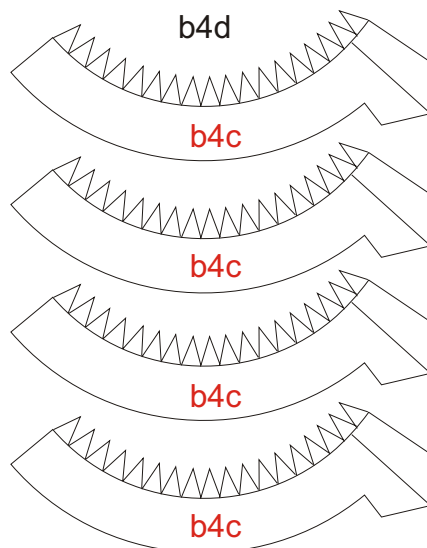
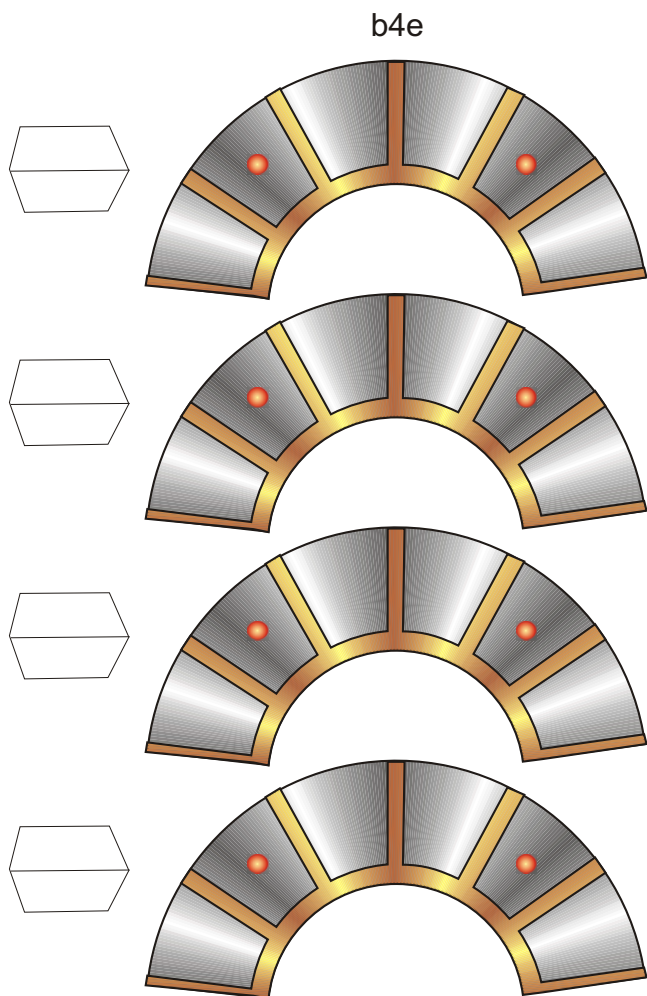




dr

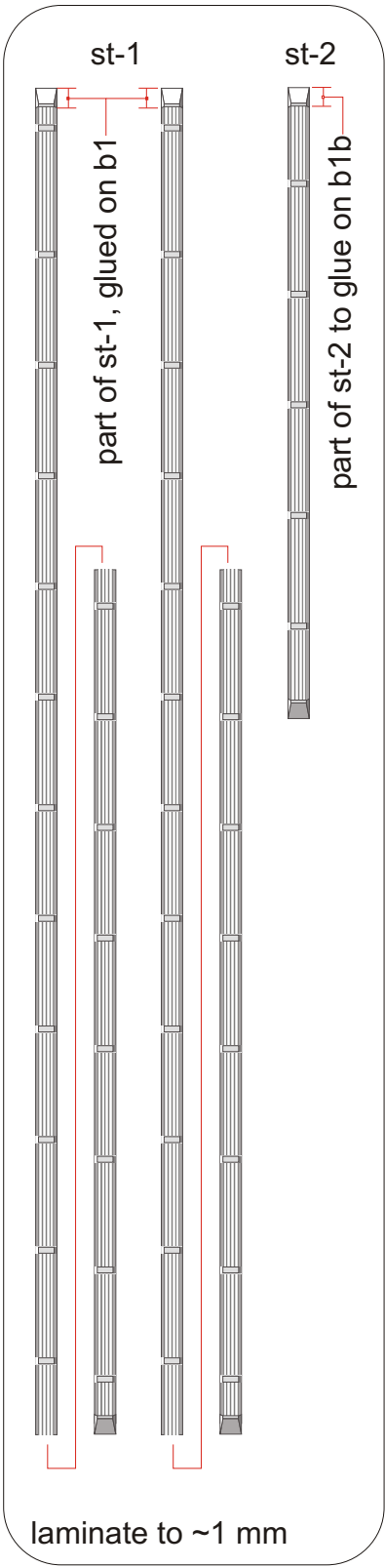
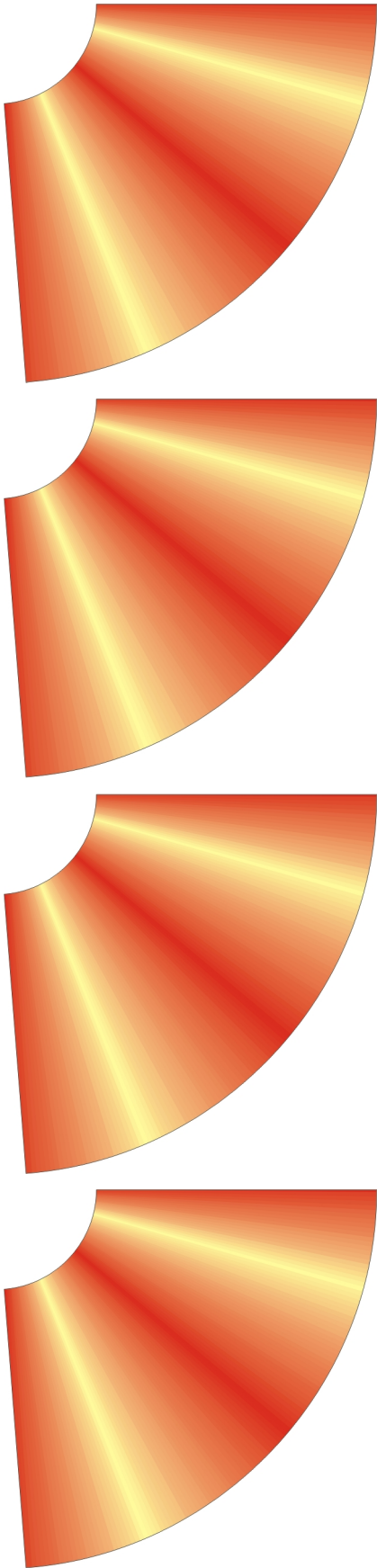


10 cm

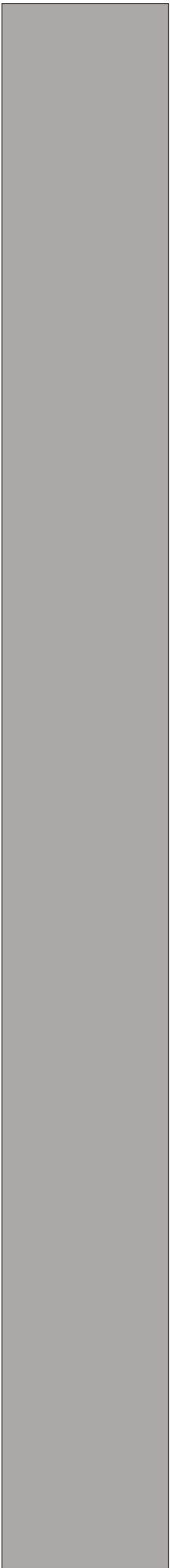


10 cm

bush into nozzle of stage B

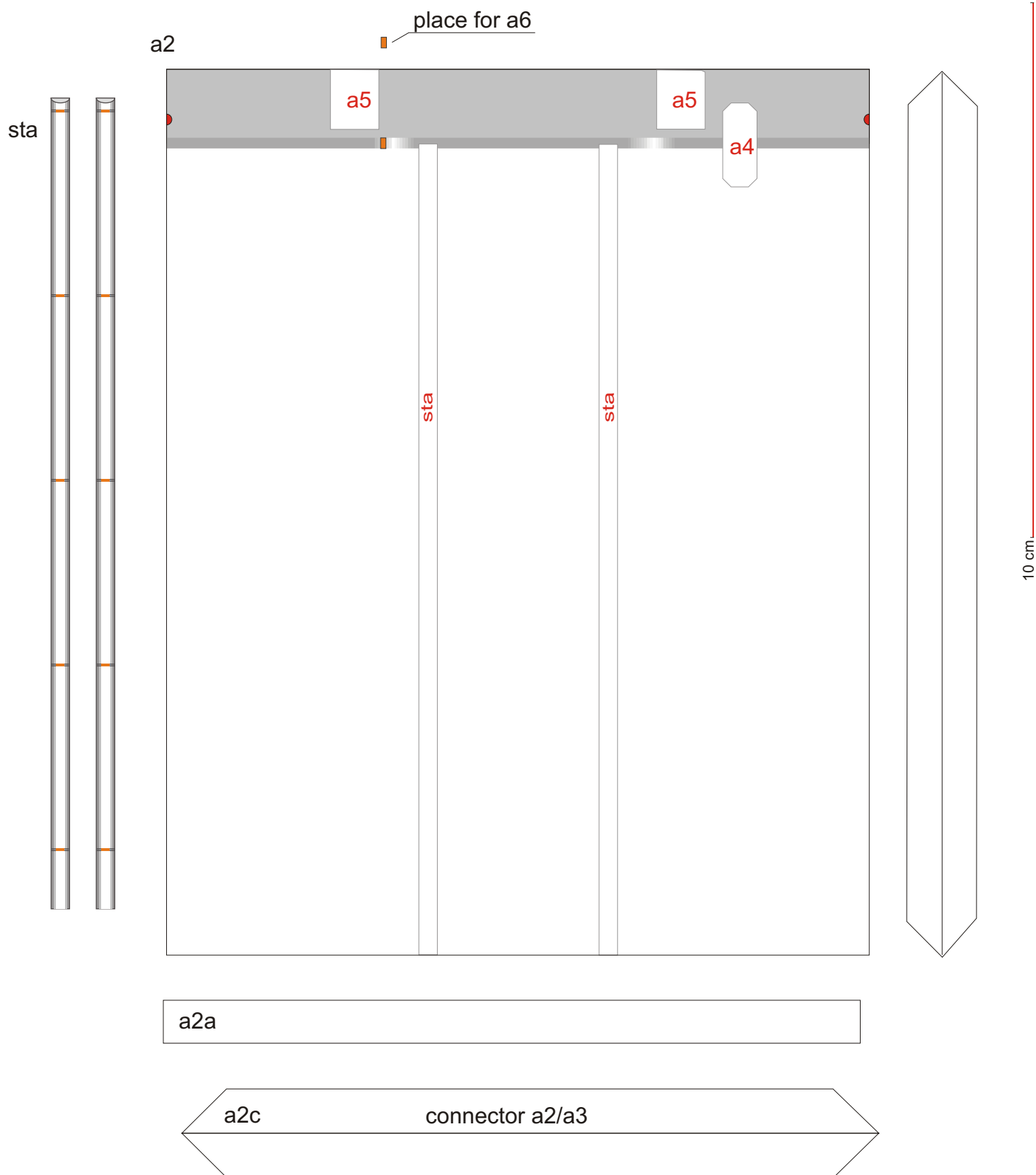


b3d



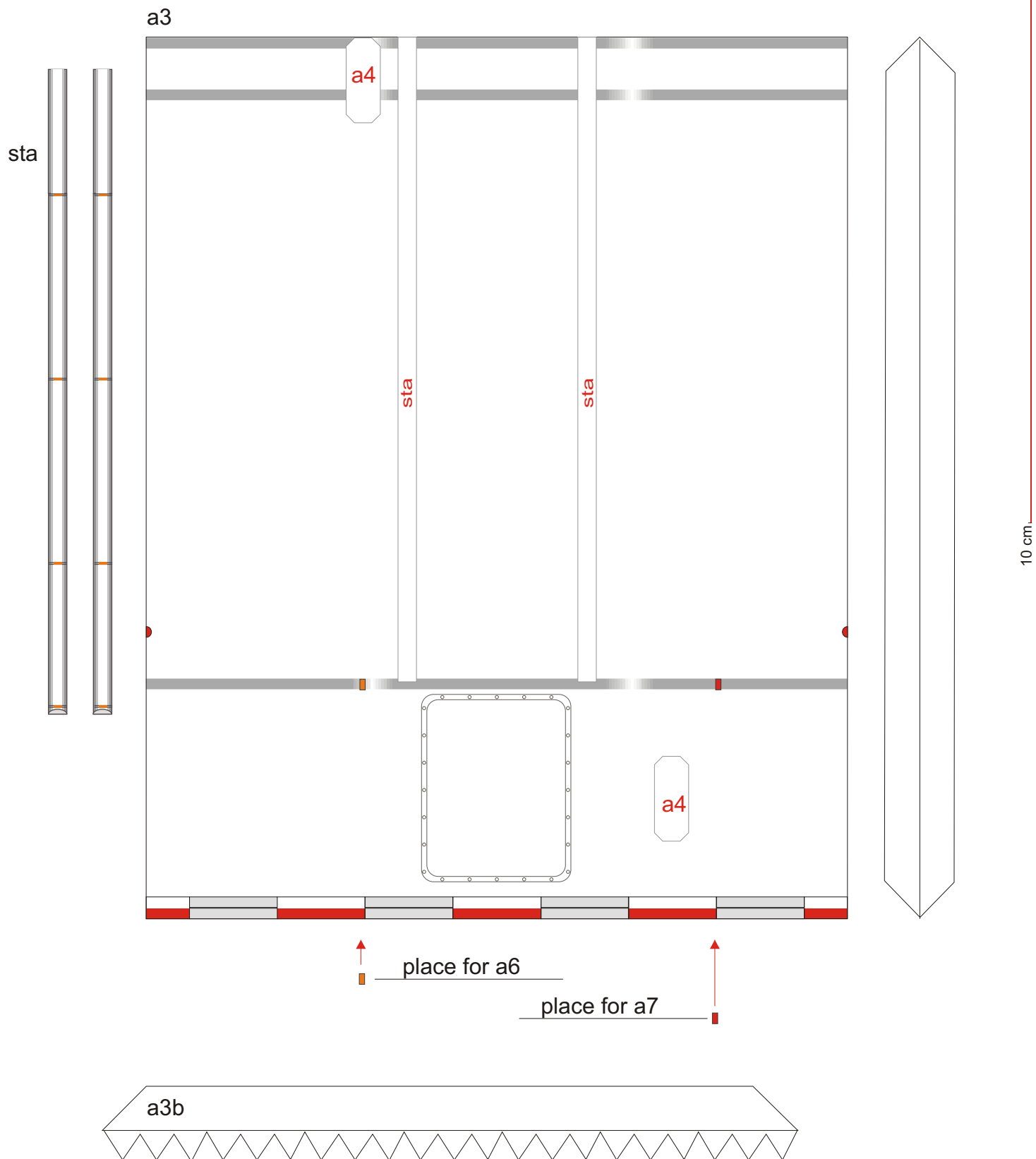
10 cm

www.cardmodels-r.narod.ru



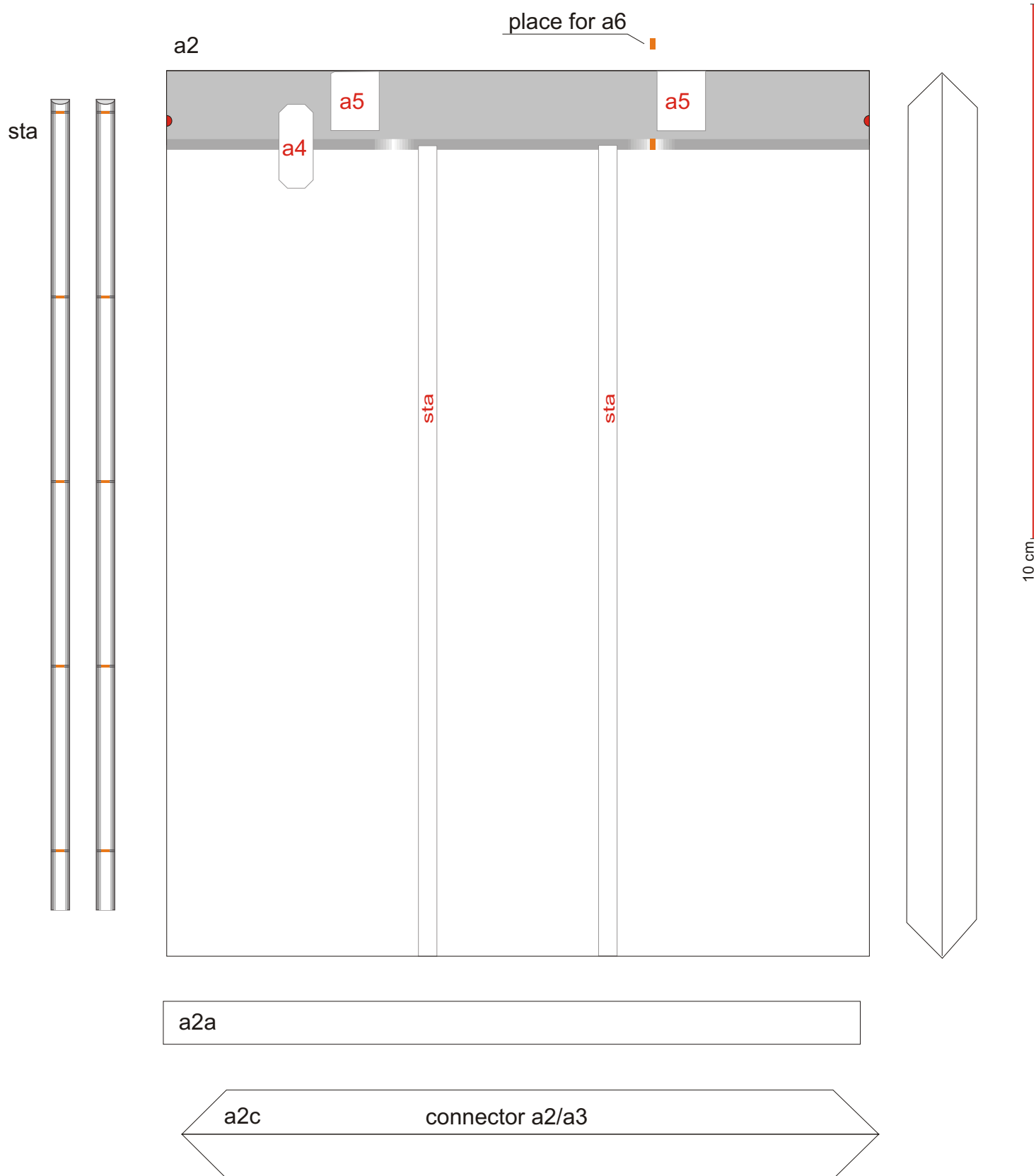
● hole for b7 to assembly with B

Stage A. Blocks 2, 4, 6, 8 (4 copies)



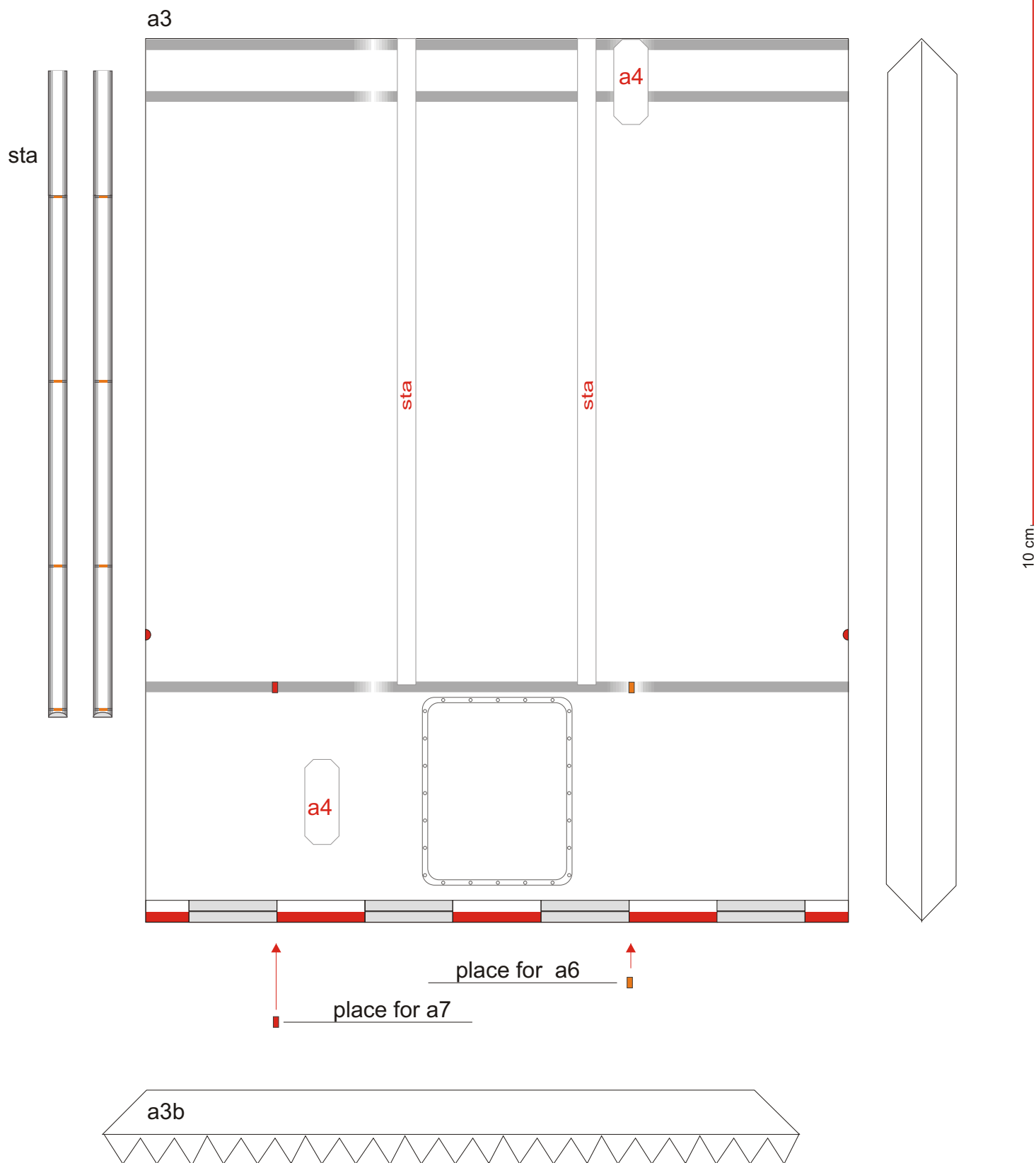
● hole for b7 to assembly with B

Stage A. Blocks 2, 4, 6, 8 (4 copies)



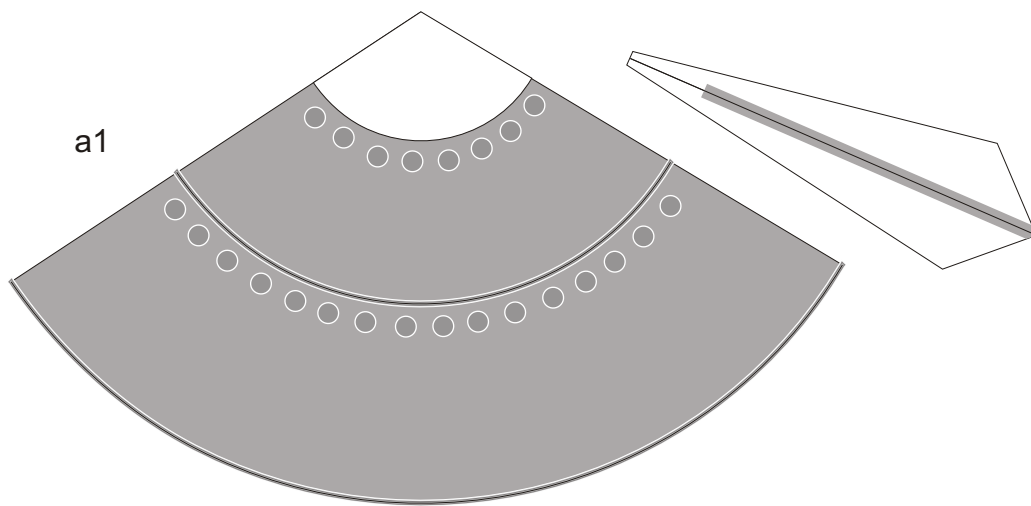
● hole for b7 to assembly with B

Stage A. Blocks 1, 3, 5, 7 (4 copies)

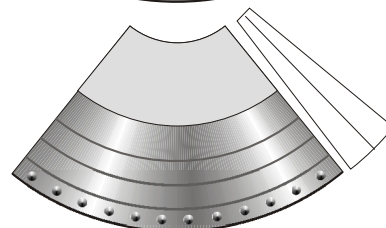
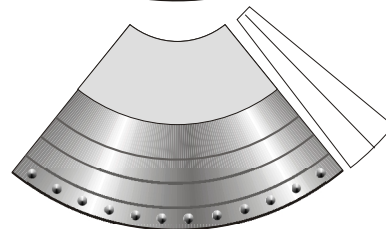
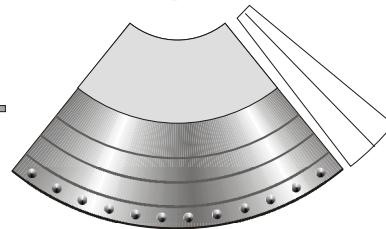
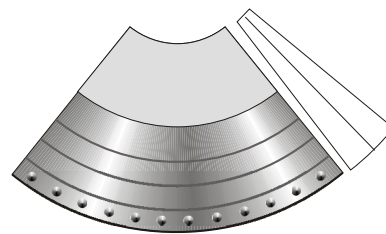


● hole for b7 to assembly with B

Stage A. Blocks 1, 3, 5, 7 (4 copies)



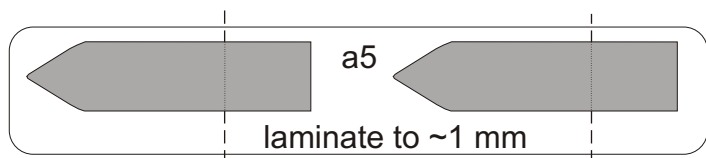
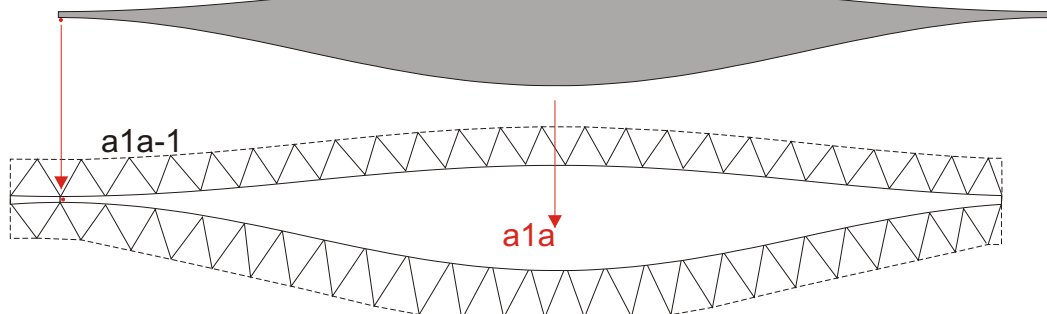
a3d



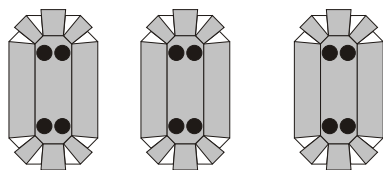
10 cm

a1a

top



a4



bibbs for nozzles a3d

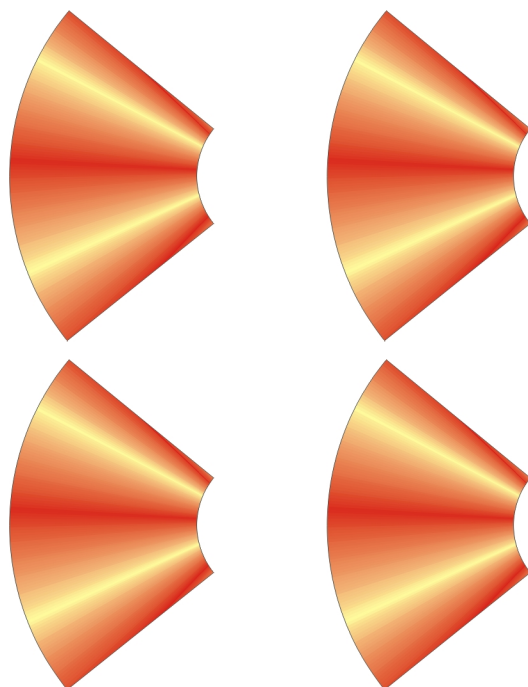
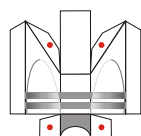


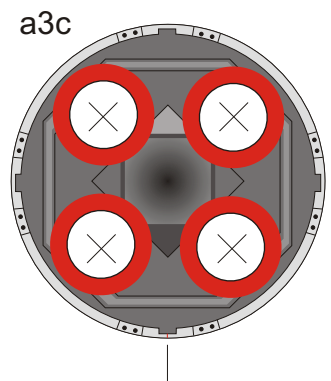
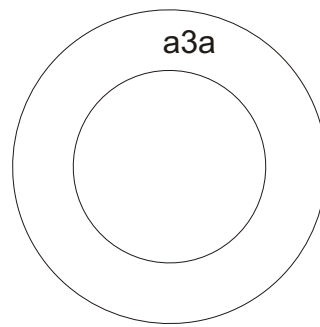
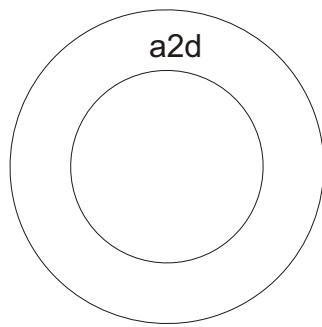
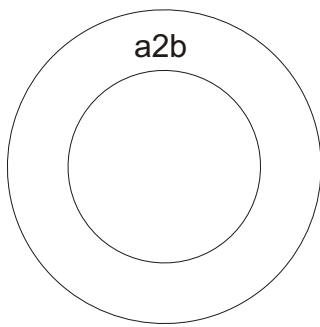
option

nozzles d=2mm
on a4
x12

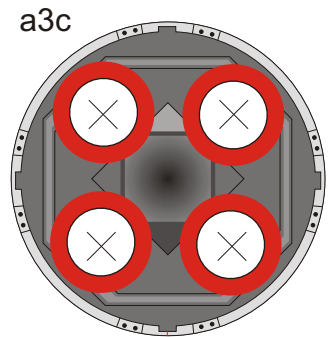
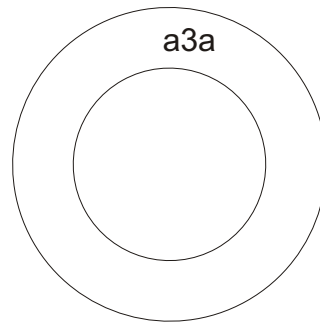
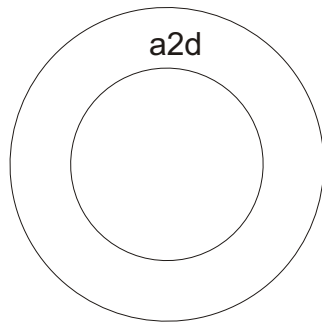
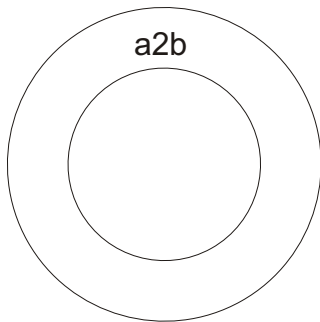


a1b

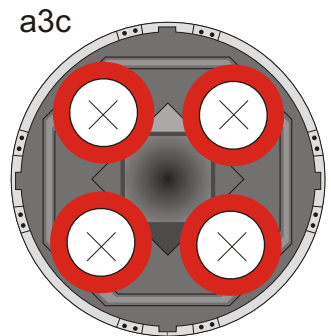
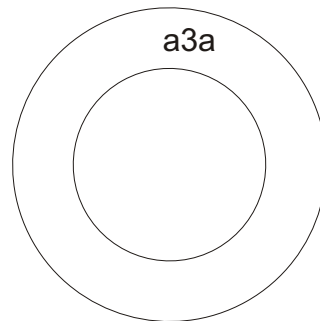
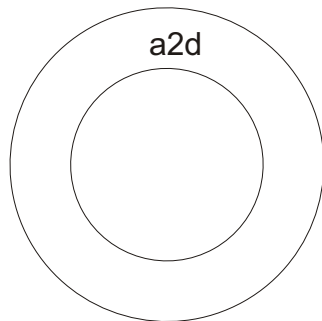
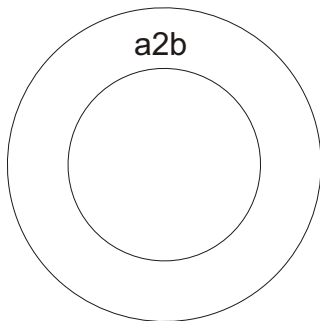
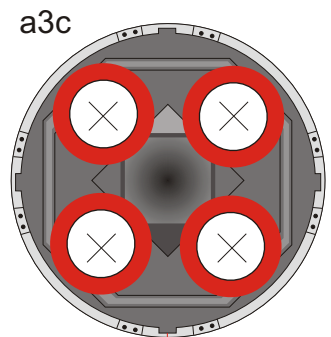
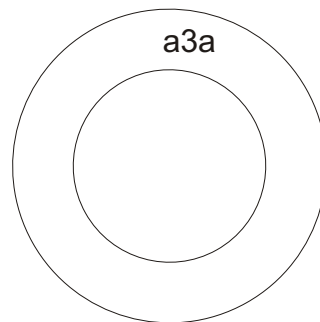
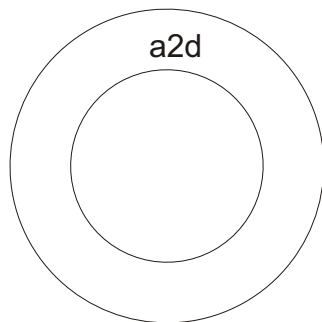
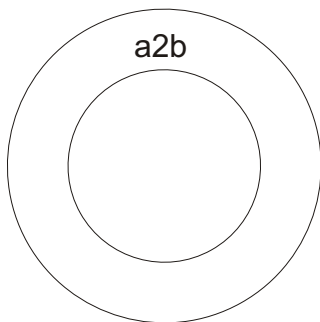




combine this mark
with joint of cylinder a3



10 cm



Supports for Stage A

a6 paper tube 2 x 16 mm (x 8)

flatten 2mm of the both ends

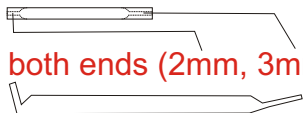


b7 

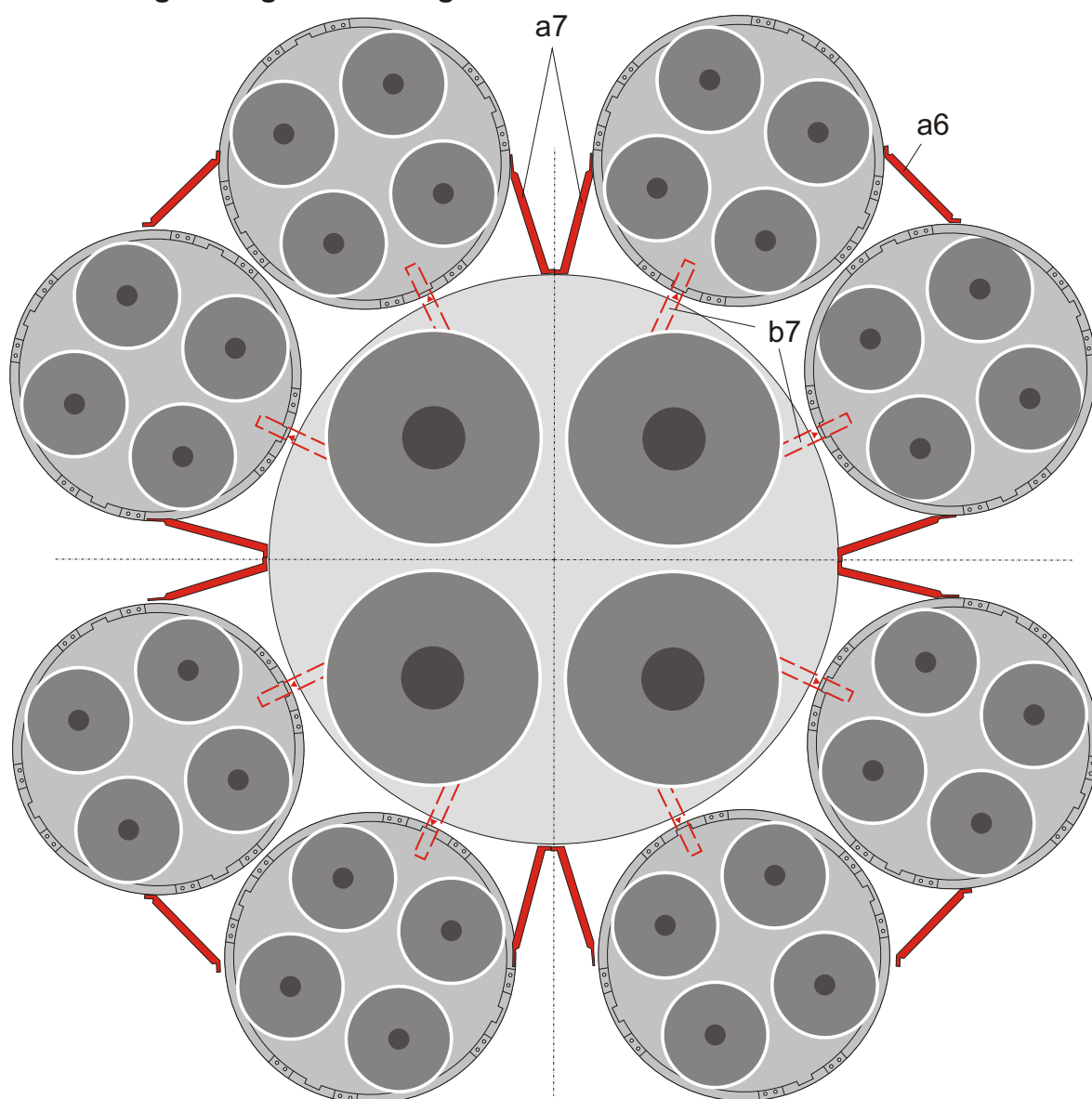
wood rod d = 2 mm, L = 10 mm (x 16)

a7 paper tube 2 x 19 mm (x 8)

flatten both ends (2mm, 3mm)



Template for assembling of Stage A and Stage B



- 1 - glue rods b7 into Stage B
- 2 - glue blocks of Stage A by rods b7 onto Stage B
- 3 - glue a6 between blocks of stage A - tops and bottoms of parablocks
- 4 - glue supports a7 between parablocks of stage A and bottom of stage B

Assembling diagrams

