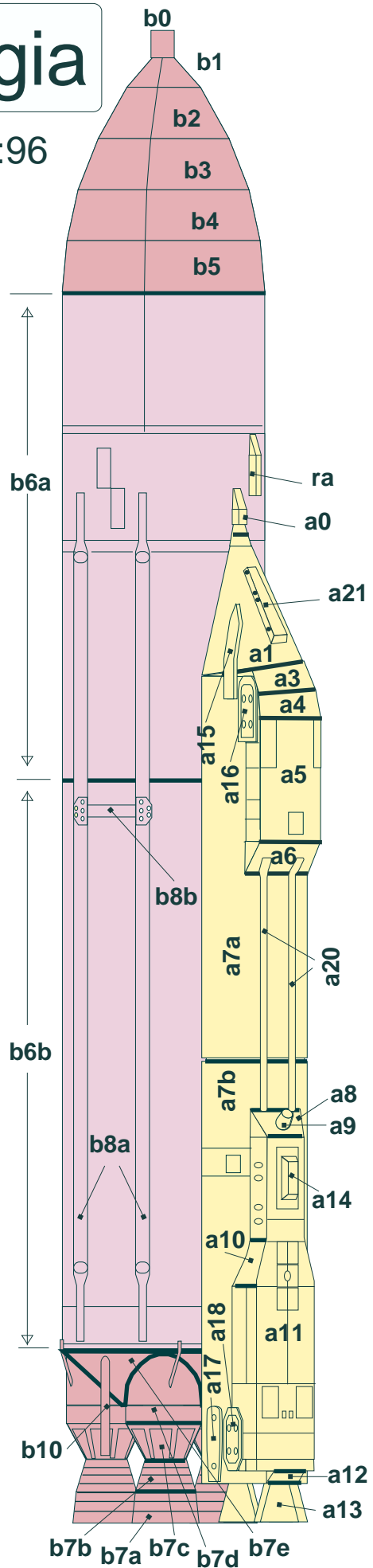
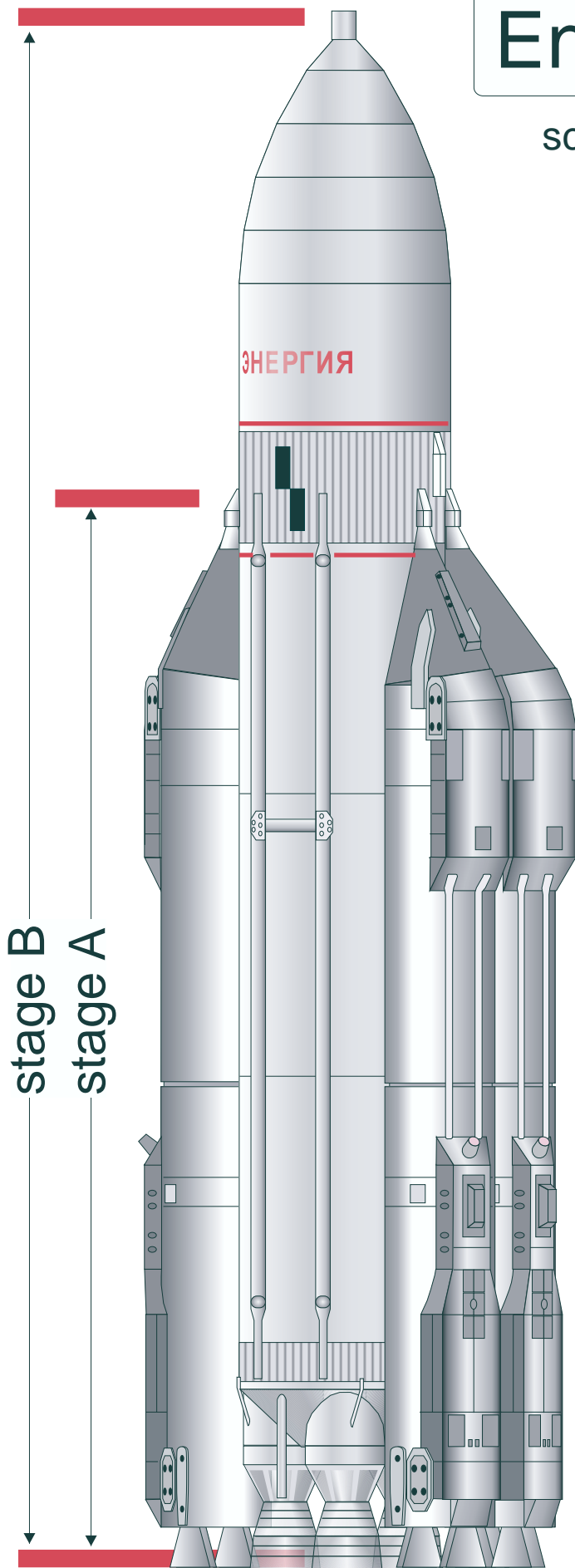


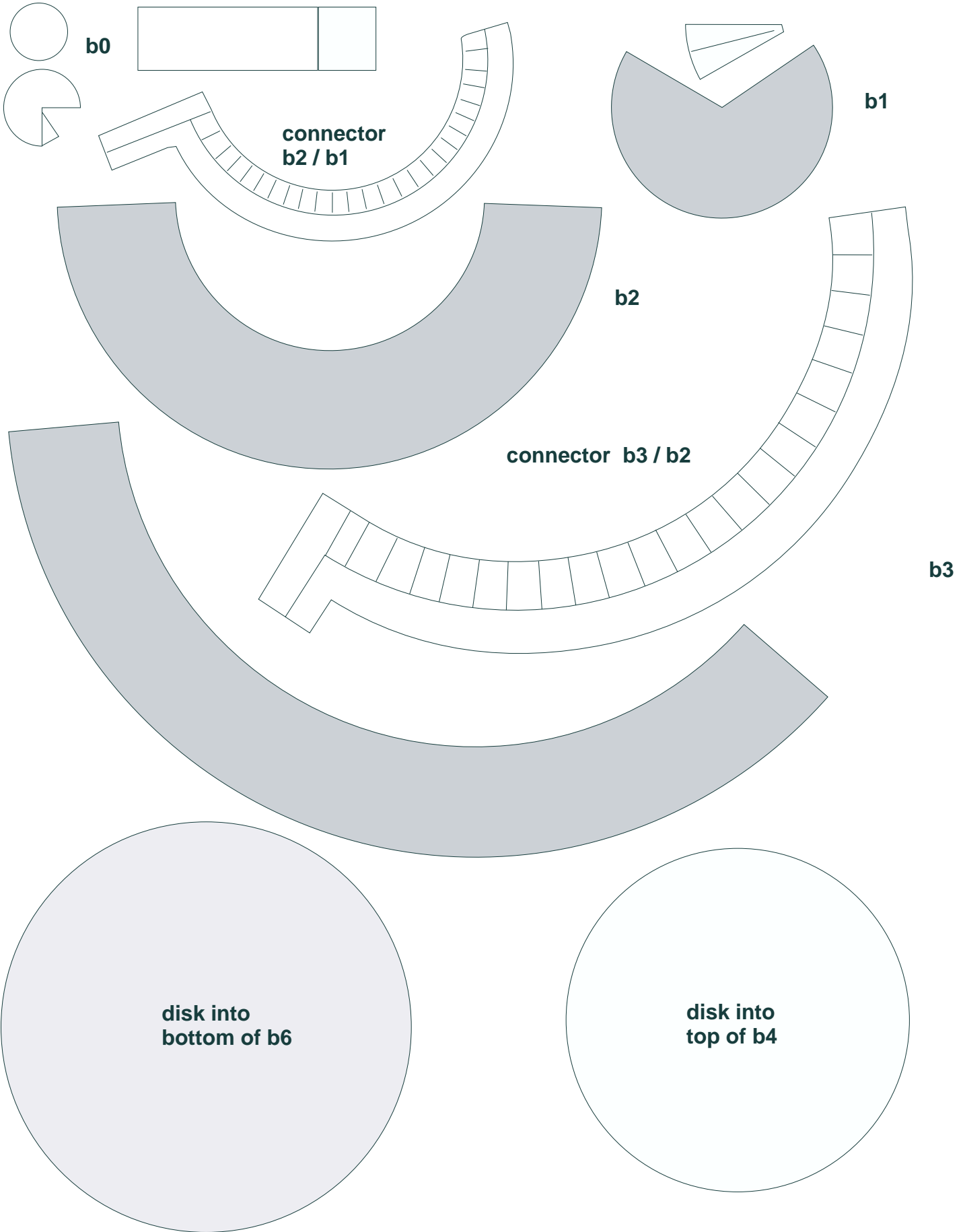
Energia

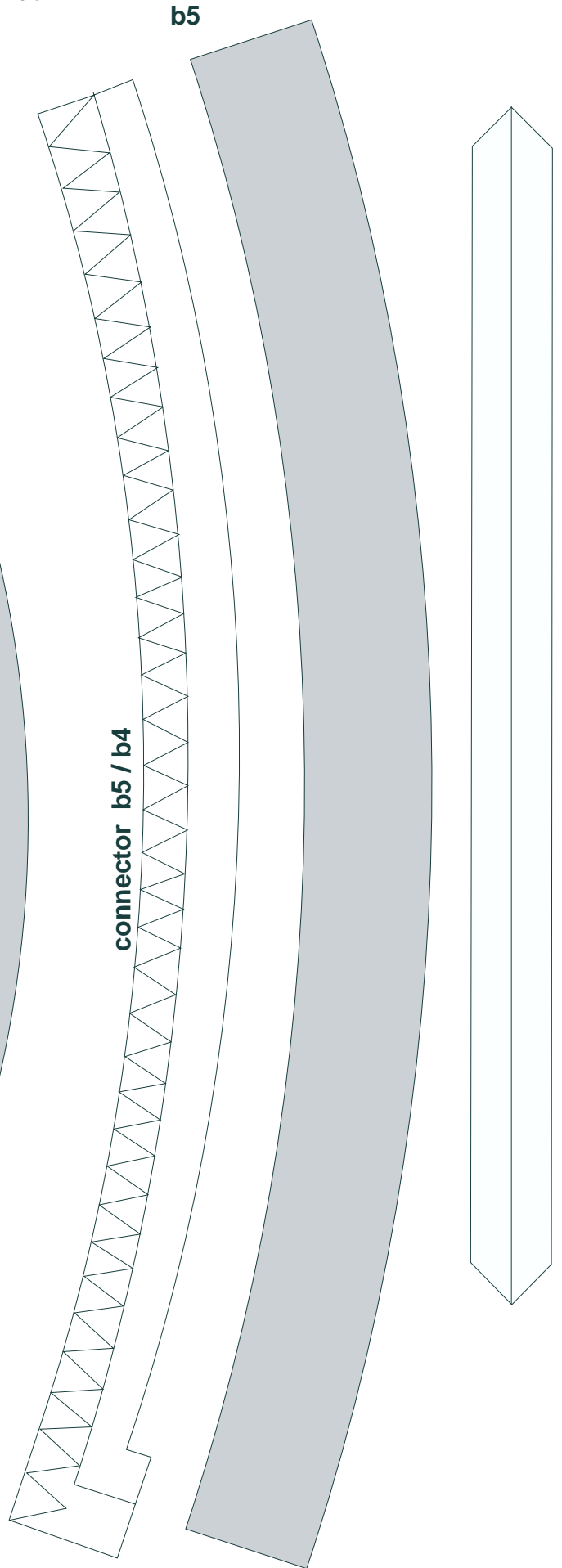
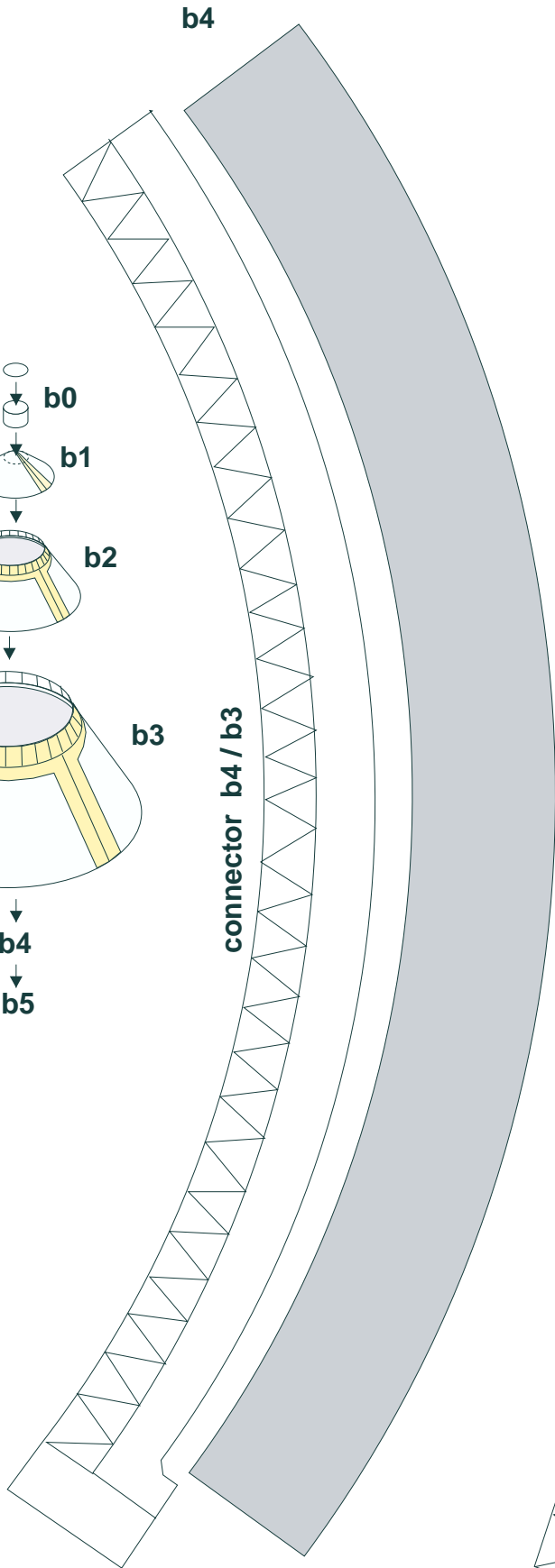
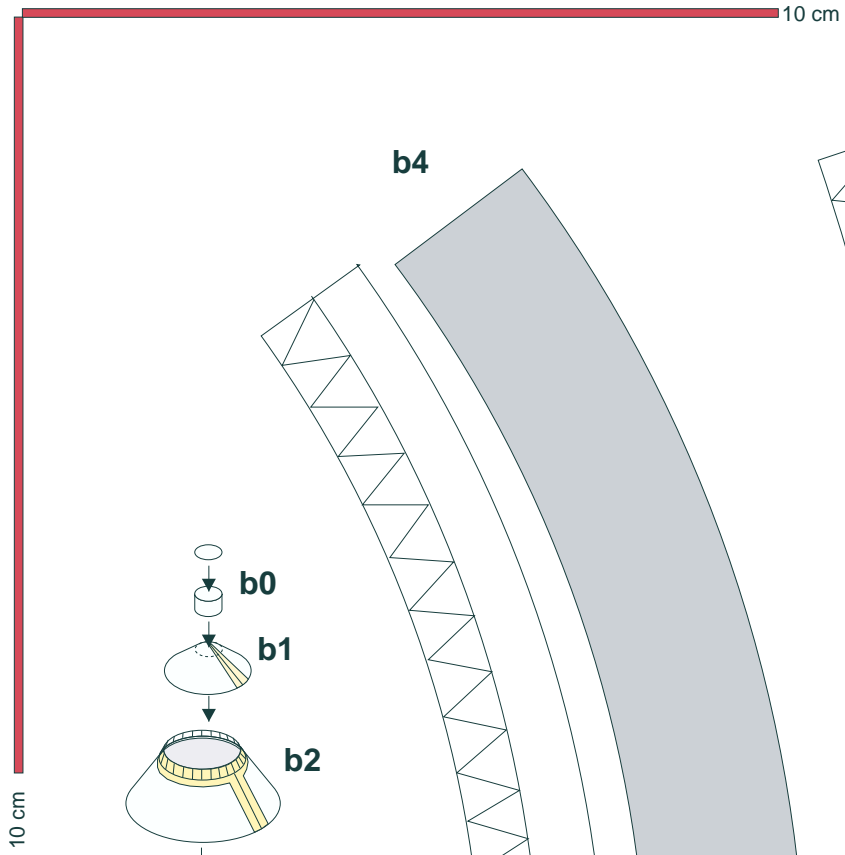
scale 1:96



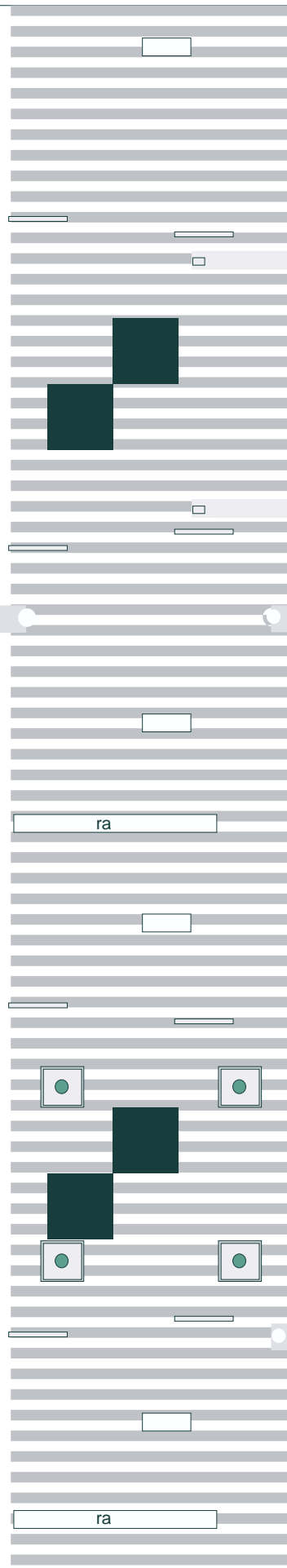
10 cm

10 cm





ЭНЕРГИЯ

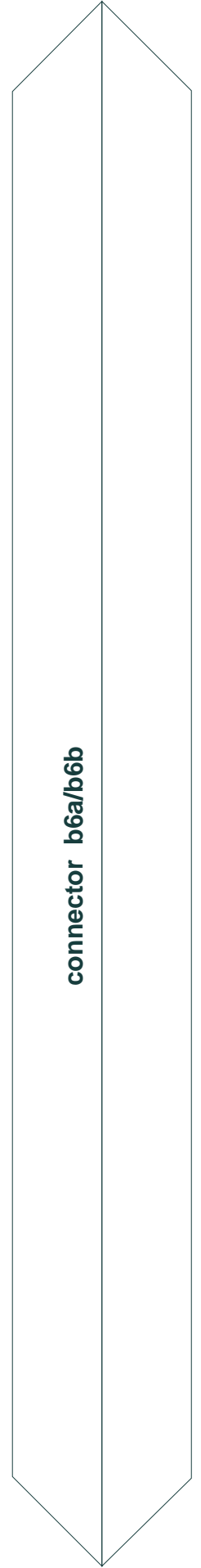
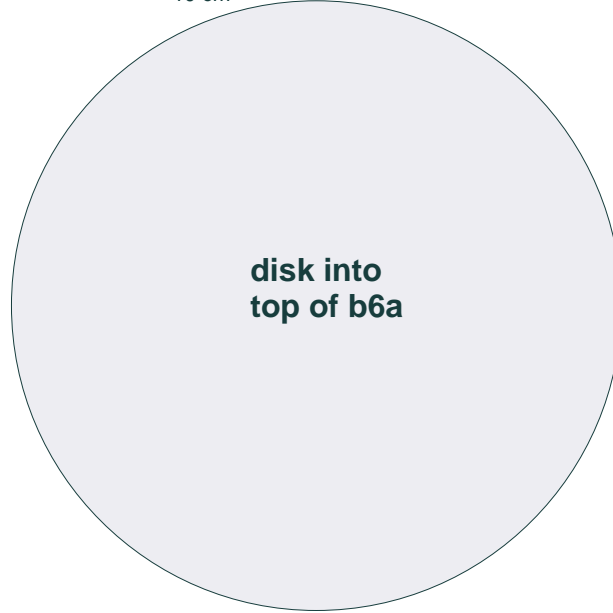
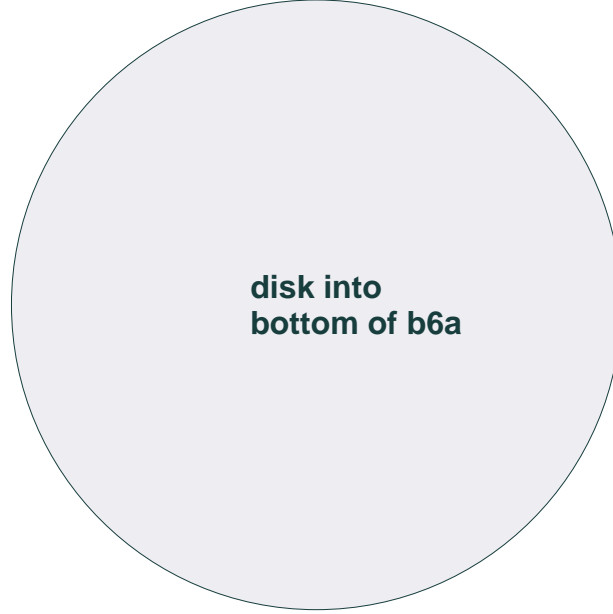
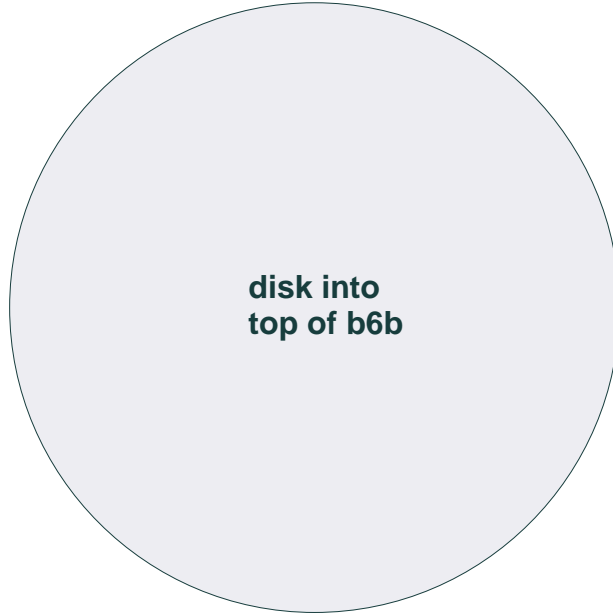
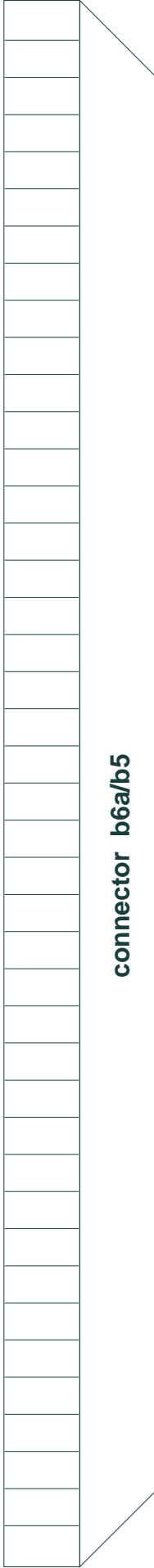


10 cm

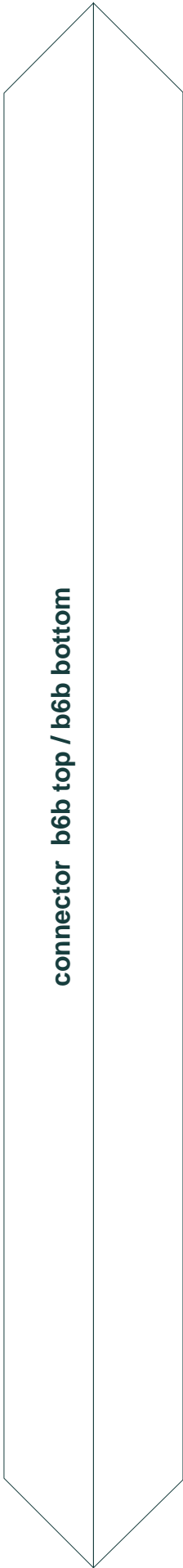
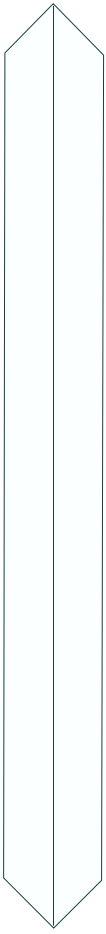
© 2006 Designed by L.Cherkashyn This cardmodel is only for personal and not for commercial use

10 cm

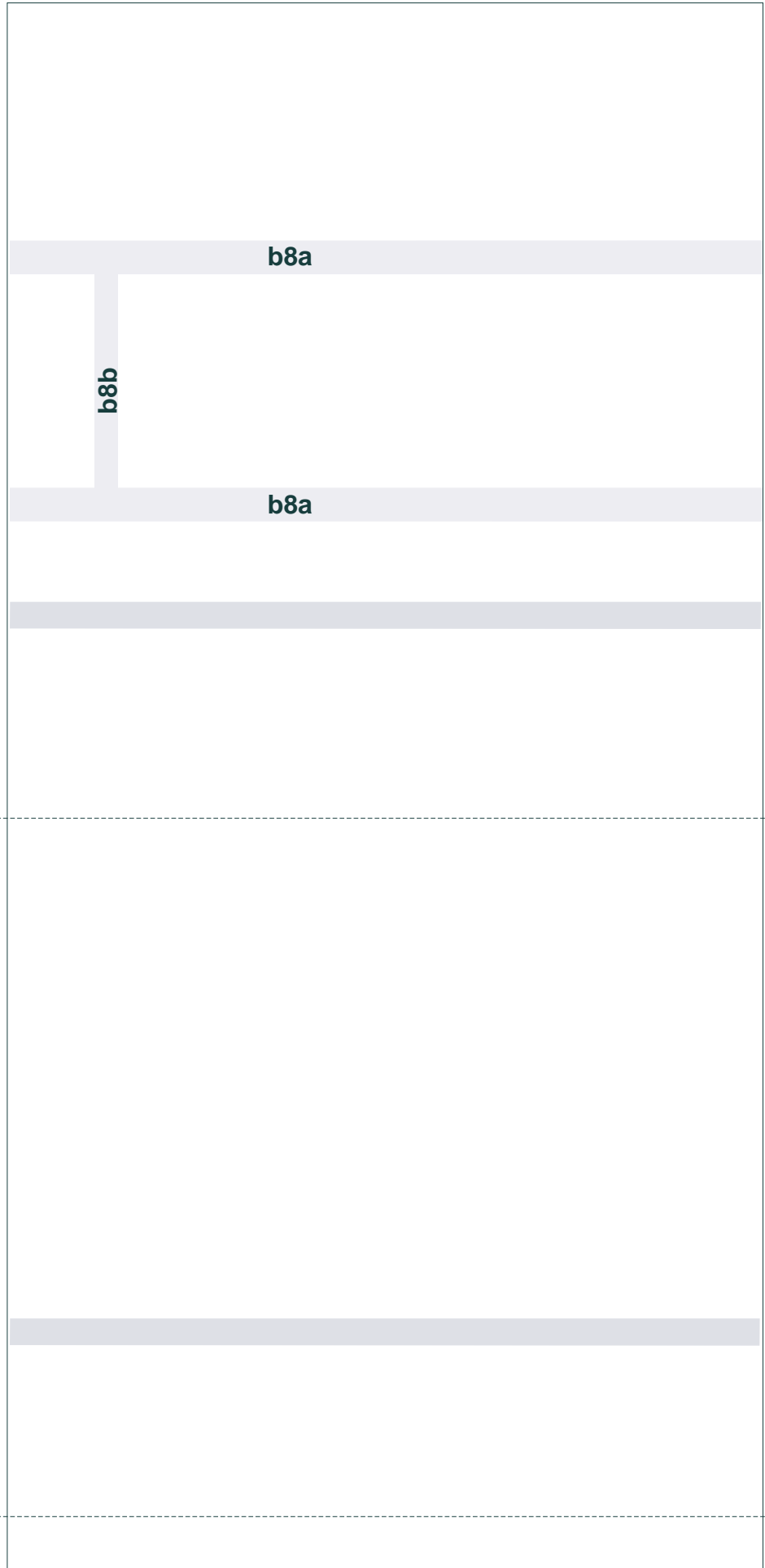
10 cm



10 cm



connector b6b top / b6b bottom



b8a

b8b

b8a



b6b bottom

base lines for assembling pairs of blocks A



connector b6b / b6 bottom



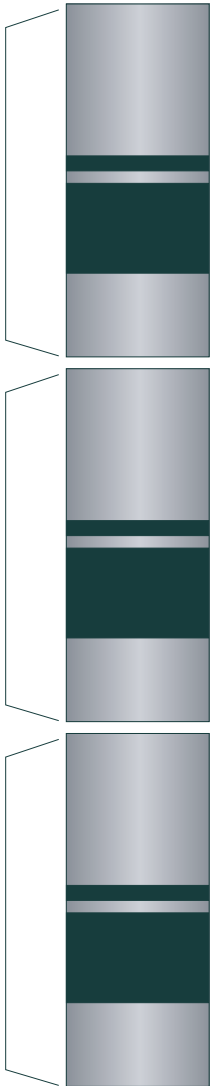
supporting ring for disk



supporting ring for disk

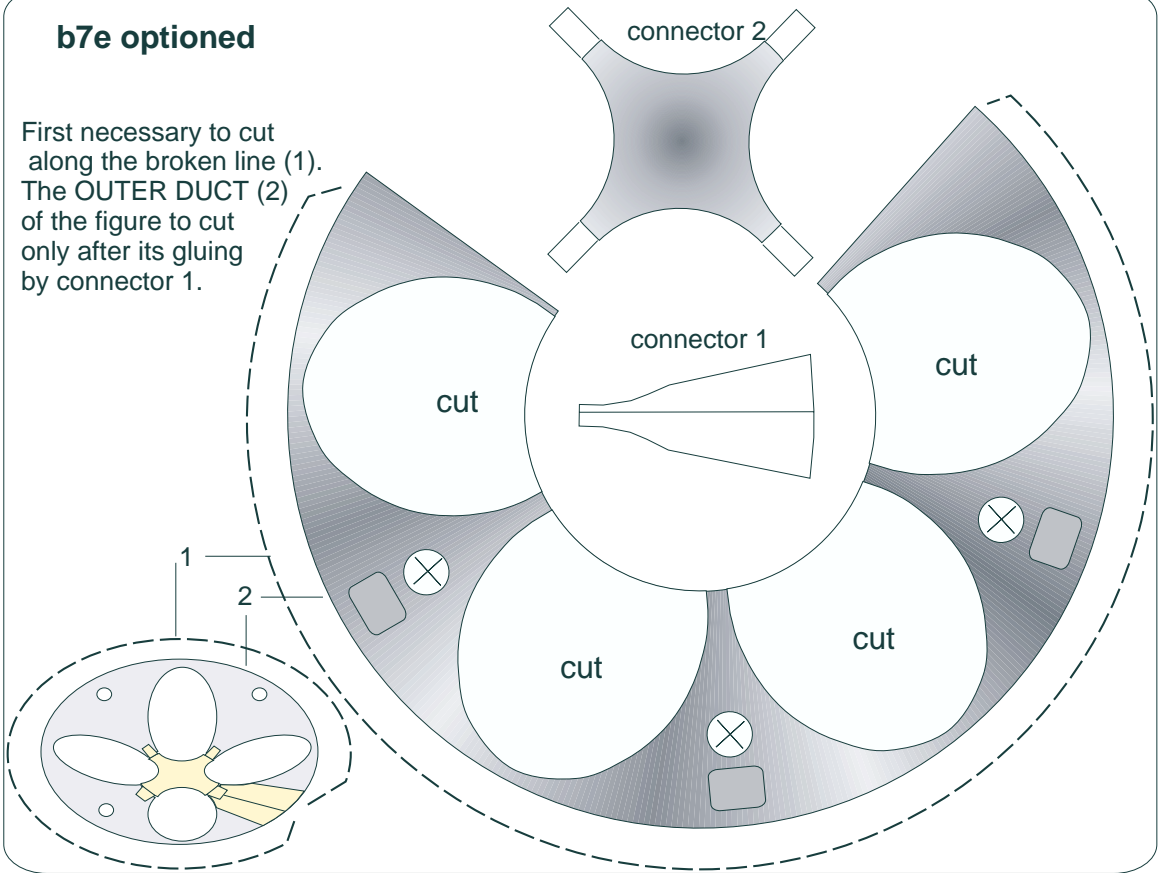
10 cm

b10

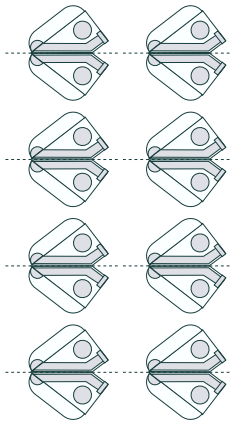


b7e optional

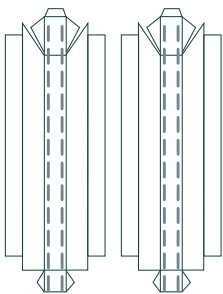
First necessary to cut along the broken line (1). The OUTER DUCT (2) of the figure to cut only after its gluing by connector 1.



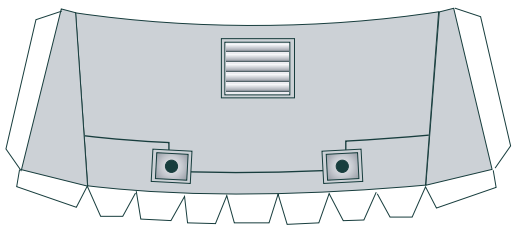
b22



ra

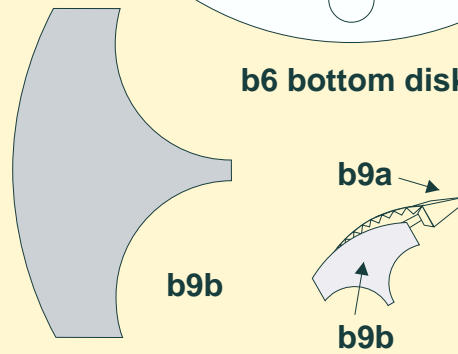


b9a

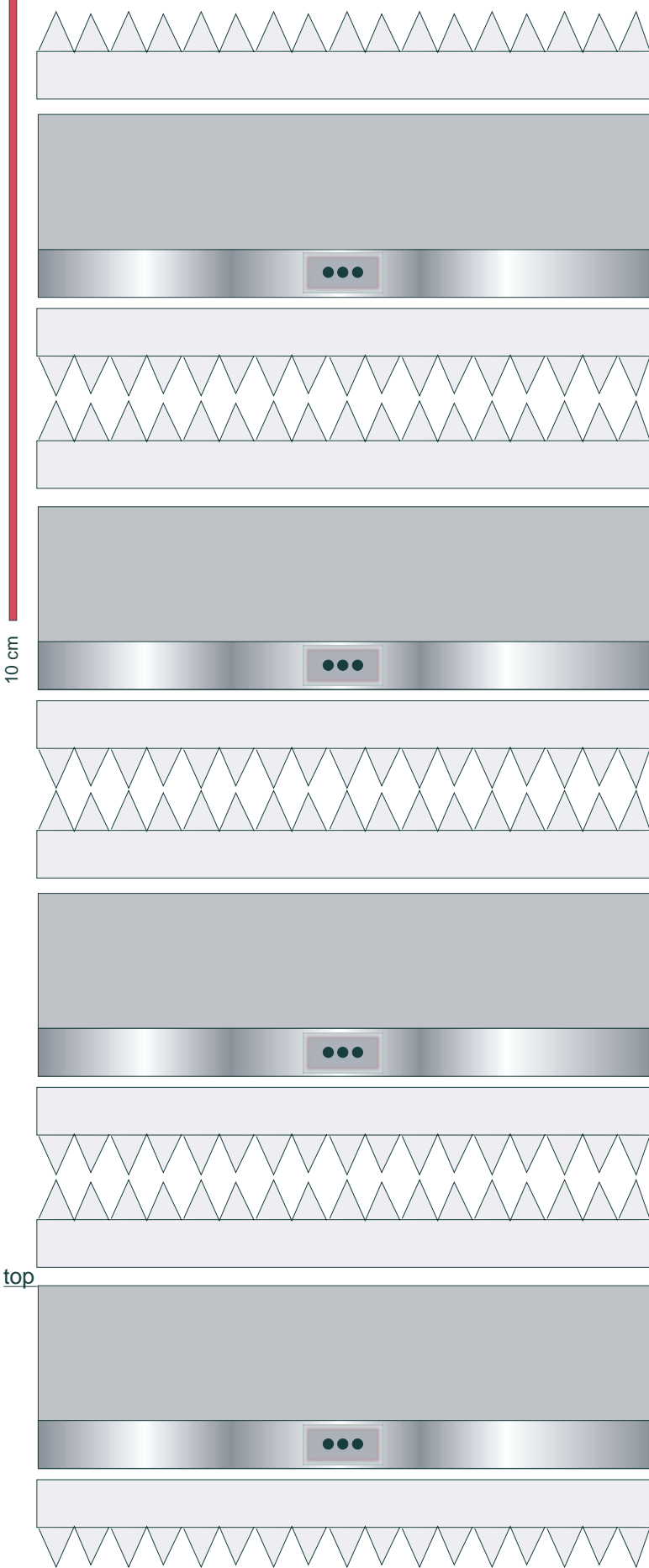


glue onto cardstock

b6 bottom disk



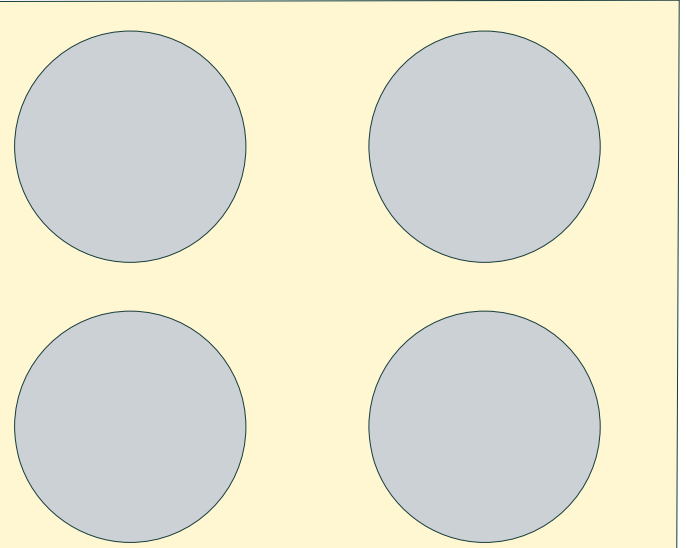
10 cm



10 cm

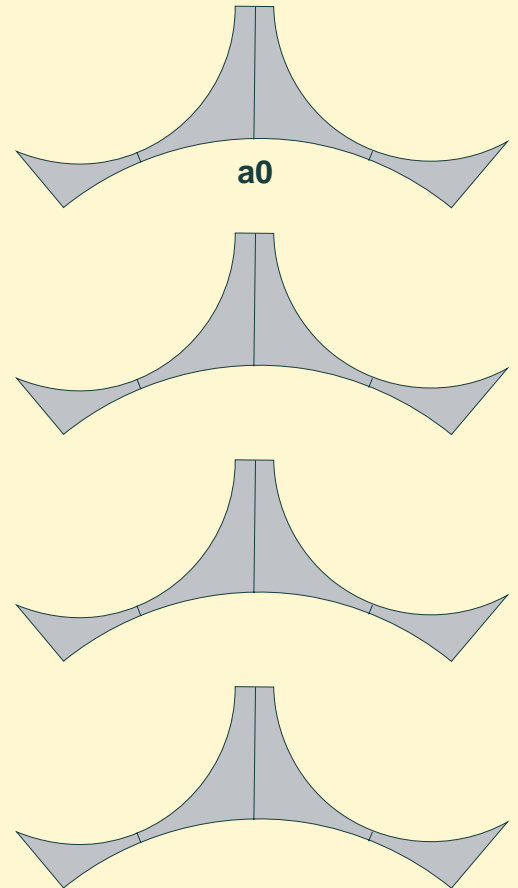
top

b7d



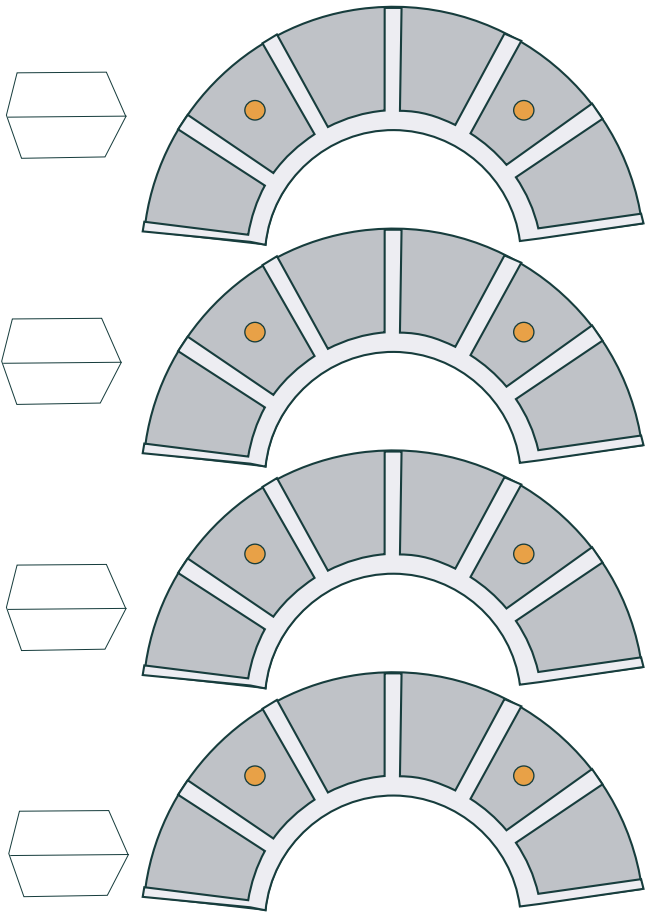
disks into b7d

glue onto cardstock

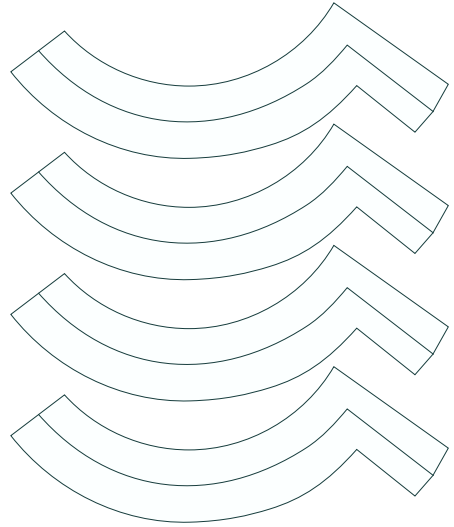


a0

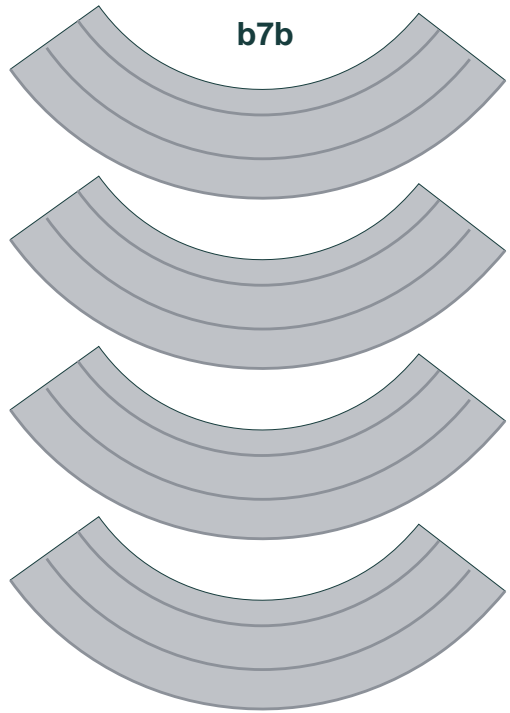
b7c



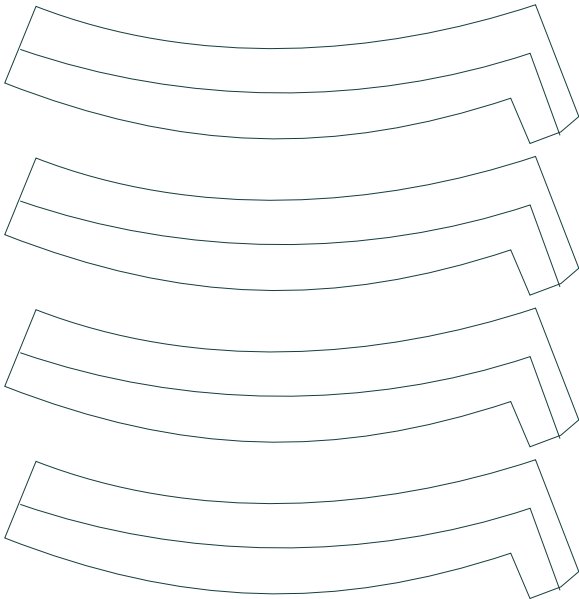
connectors b7b / b7c



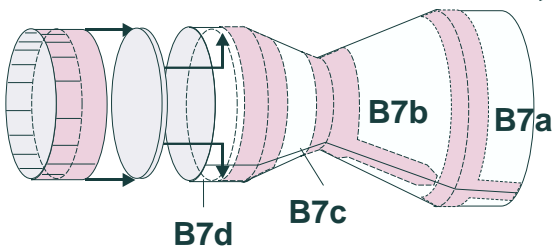
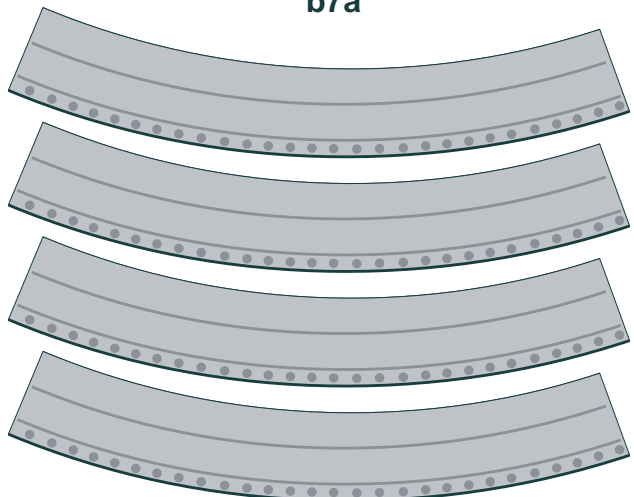
b7b

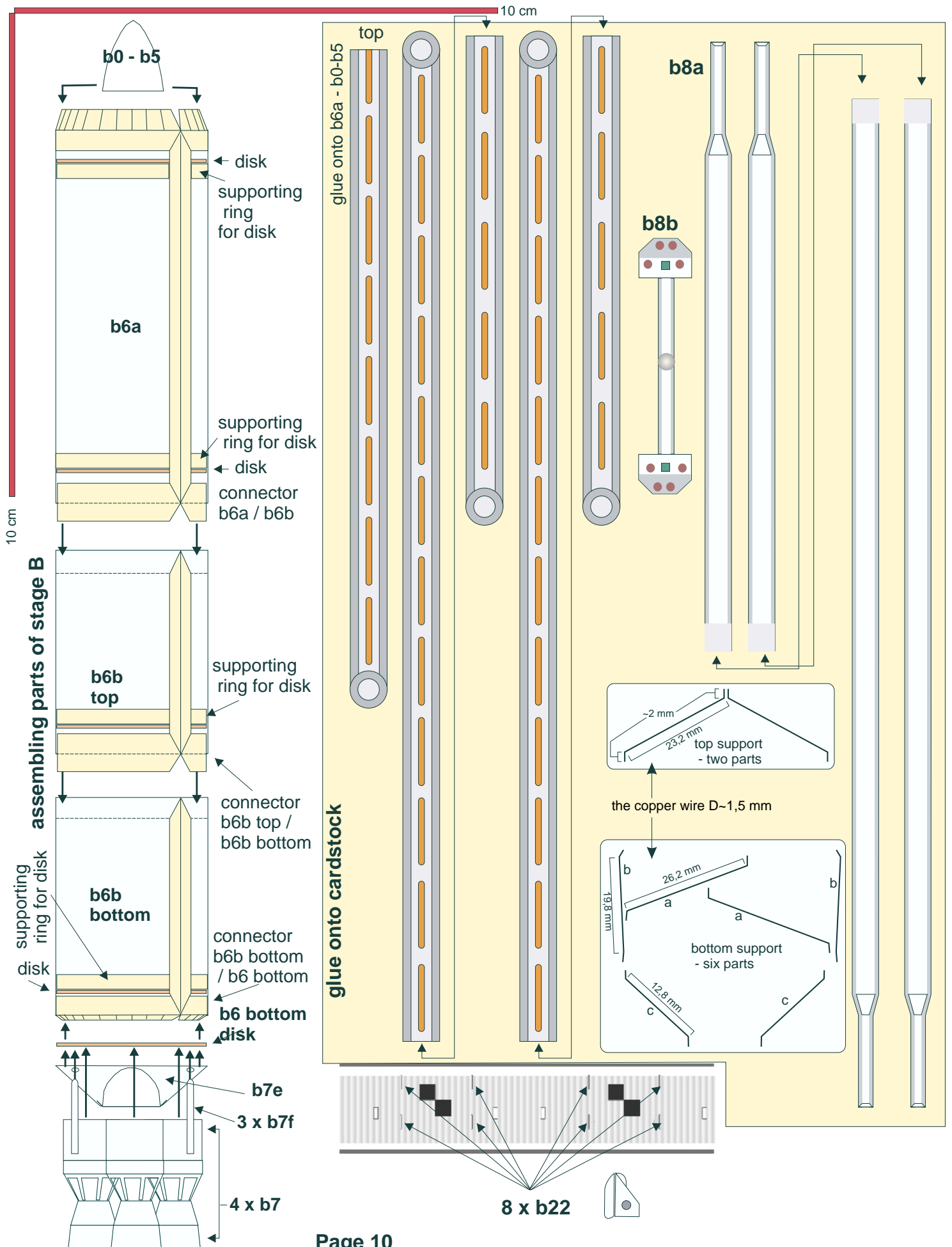


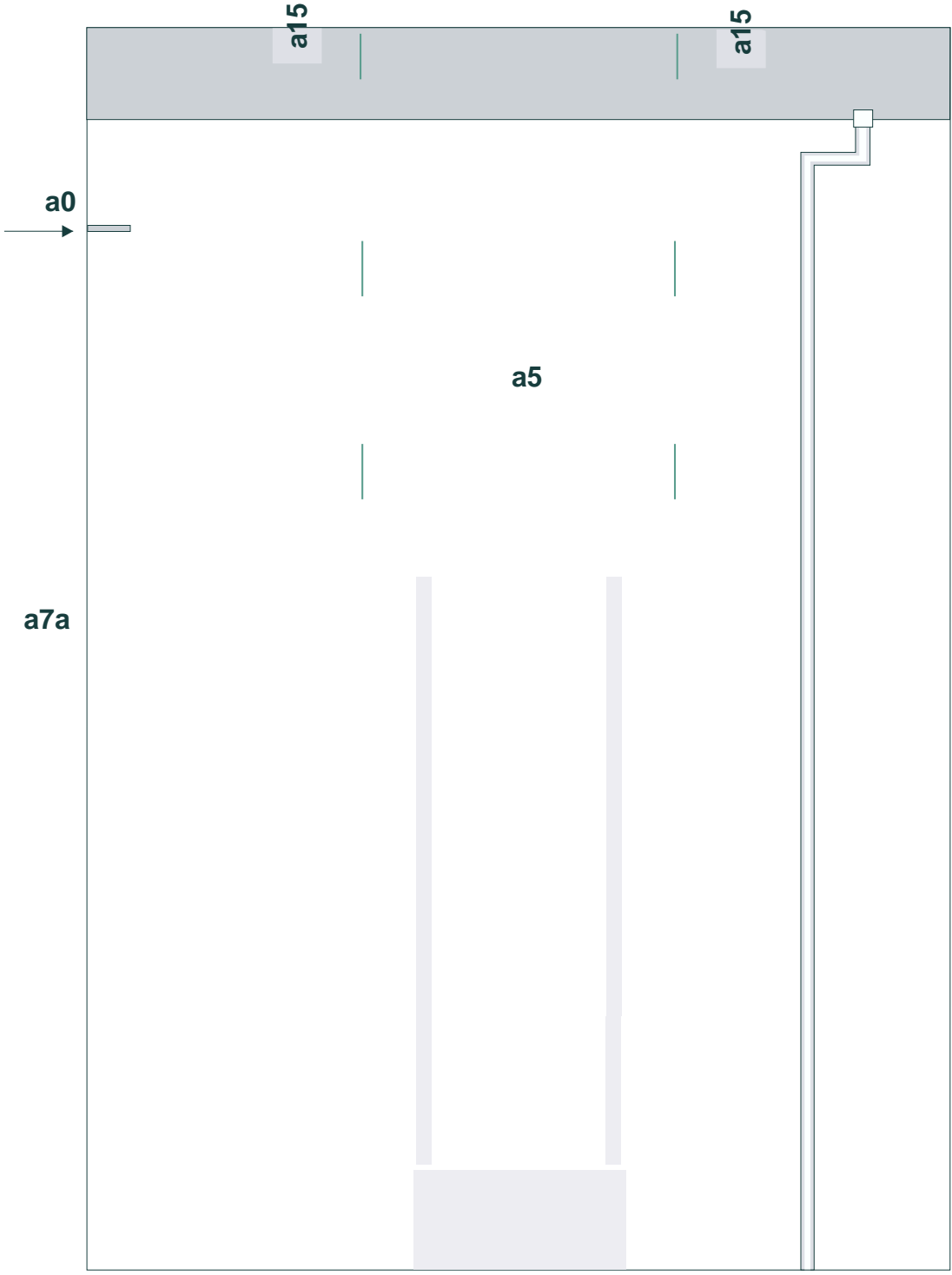
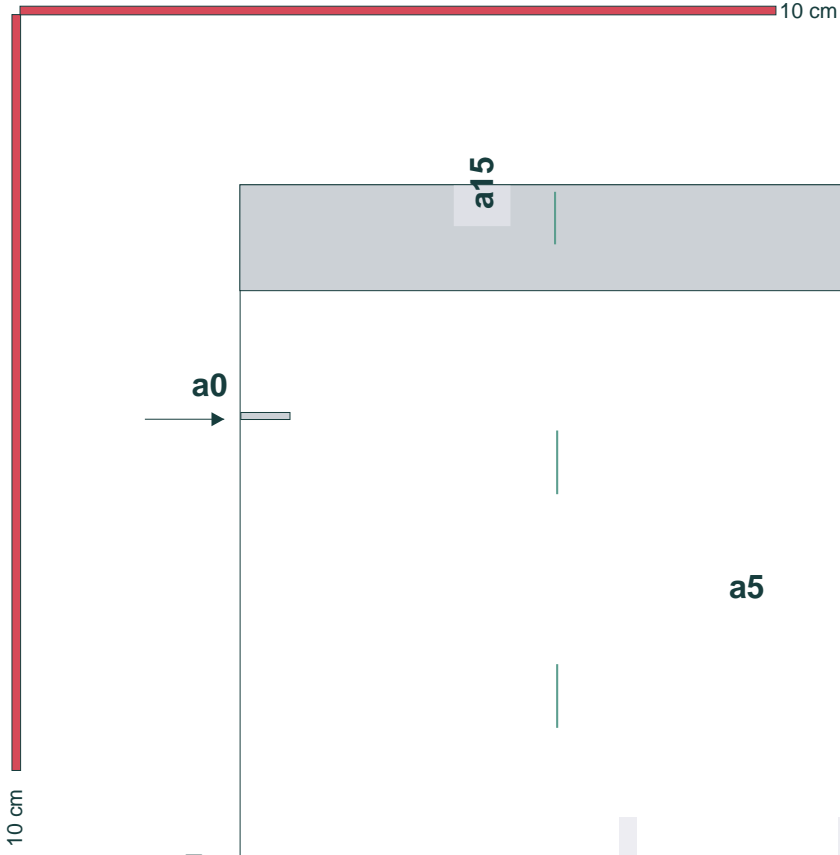
connectors b7a / b7b



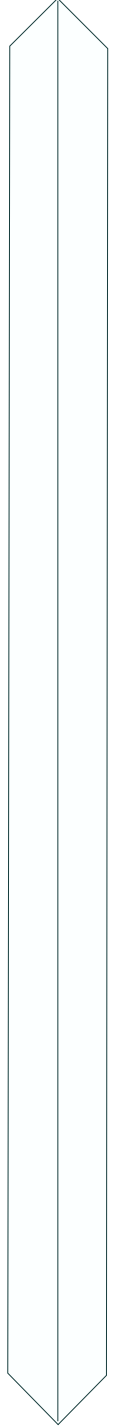
b7a



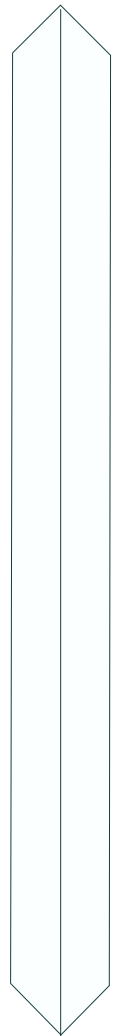
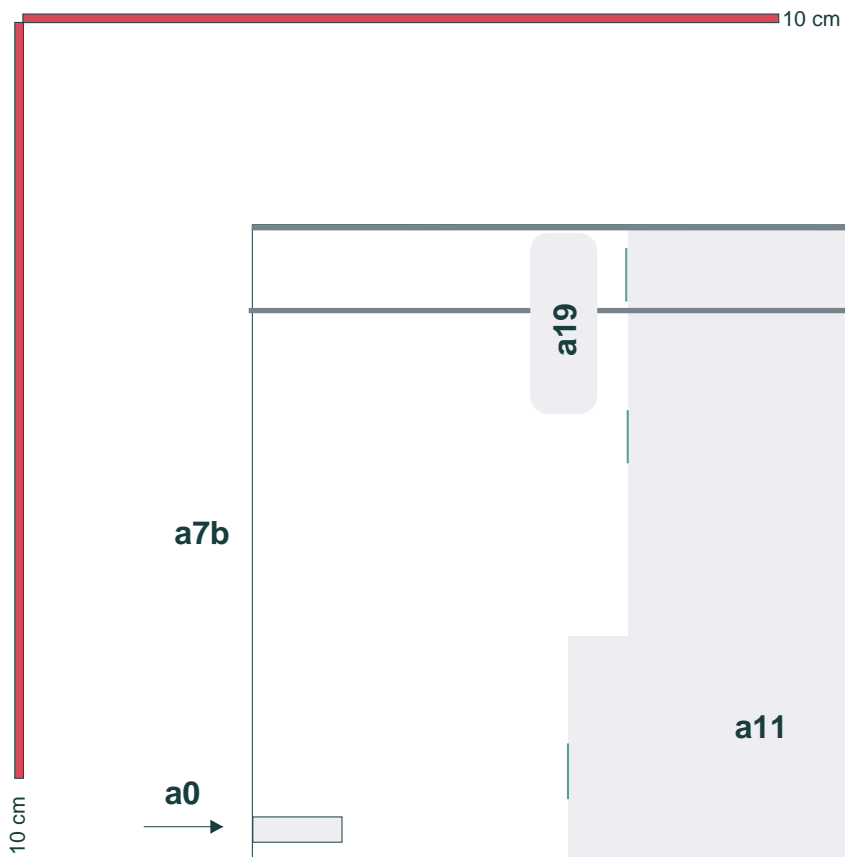




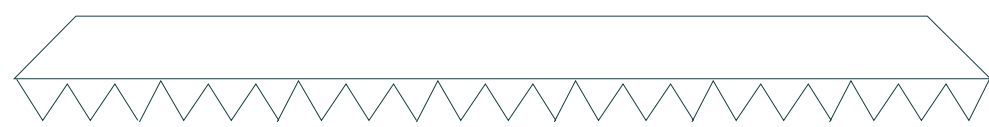
— slots



A1

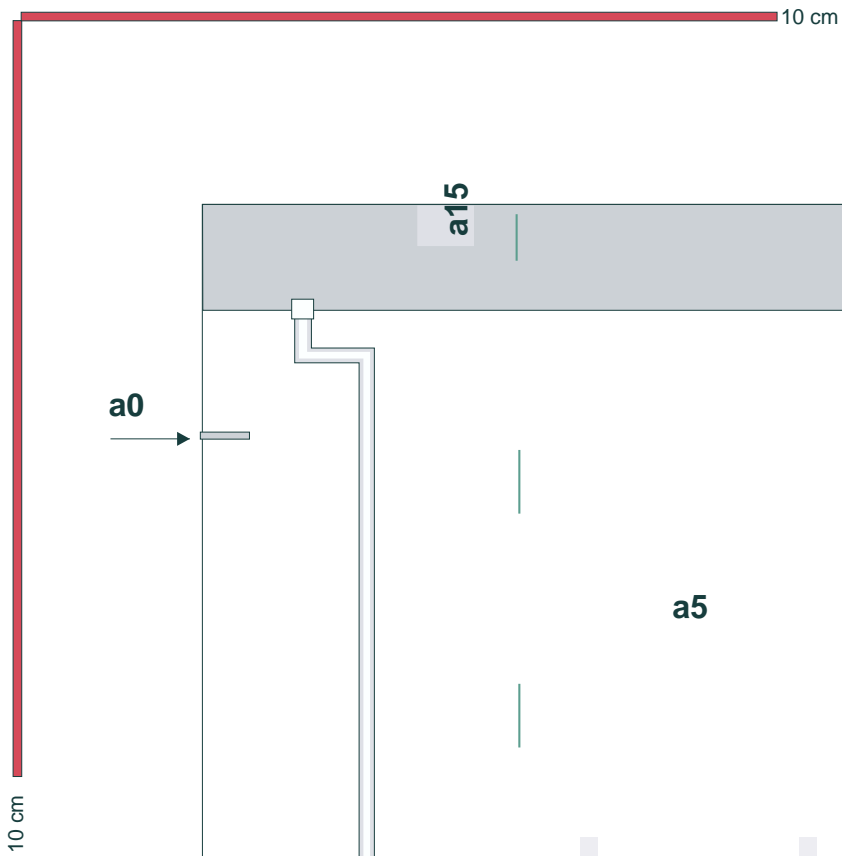


connector a7a / a7b



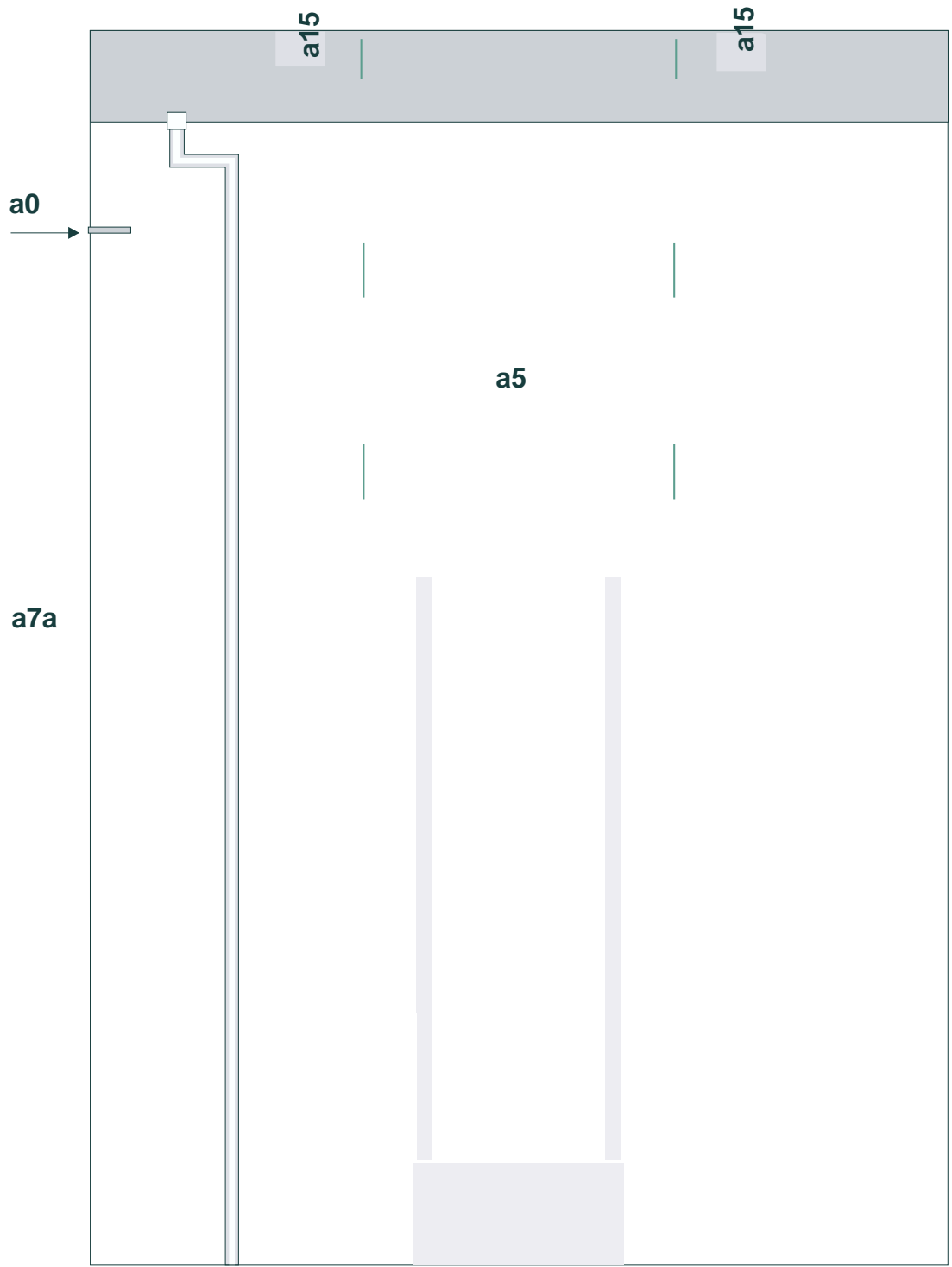
— slots

A1



10 cm

10 cm



a0

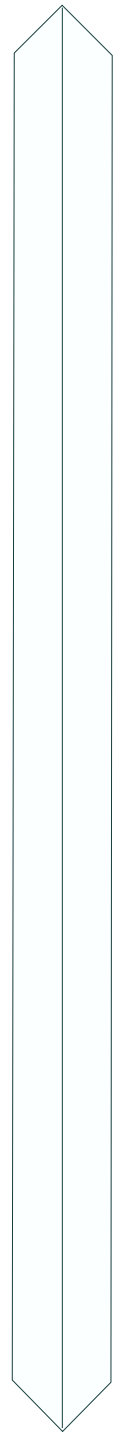
a15

a15

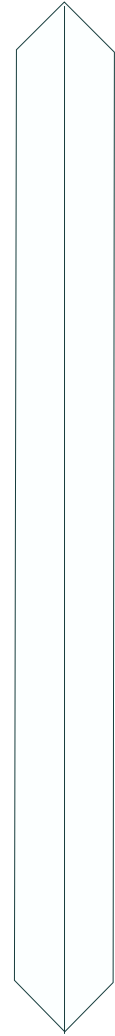
a5

a7a

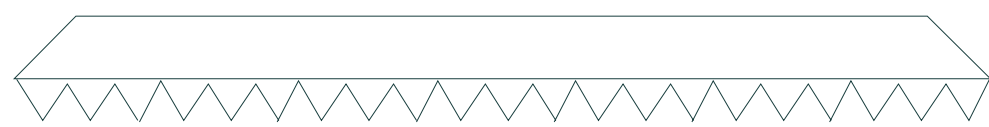
— slots



A2

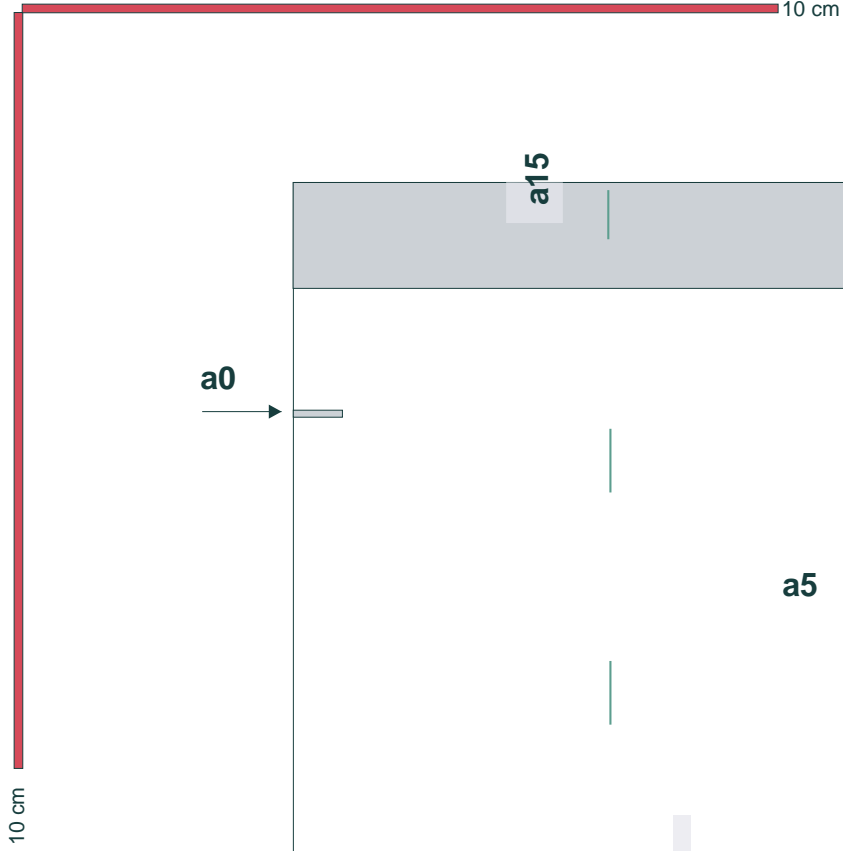


connector a7a / a7b

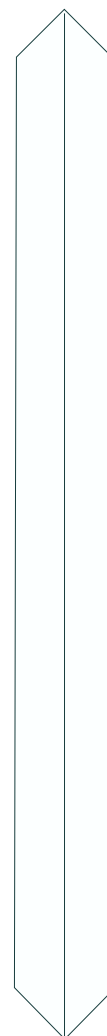
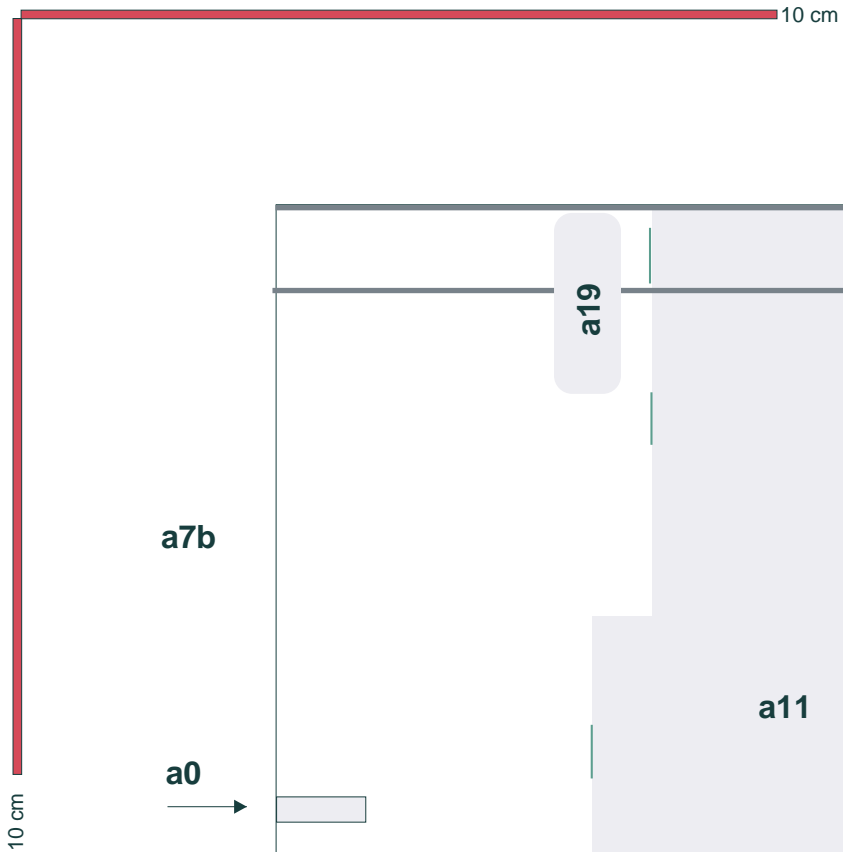


— slots

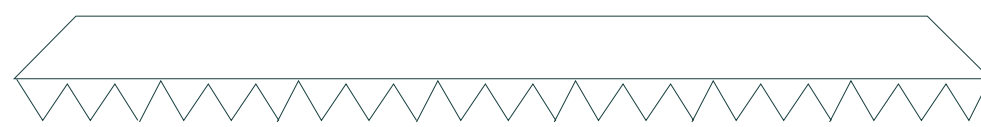
A2



A3

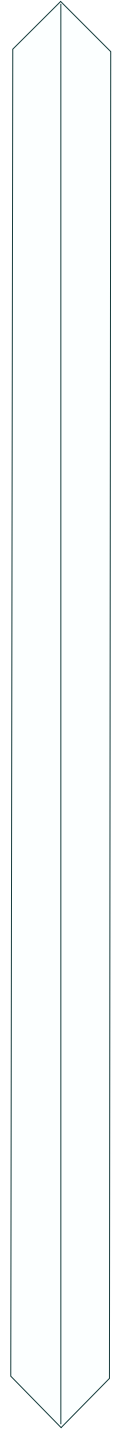
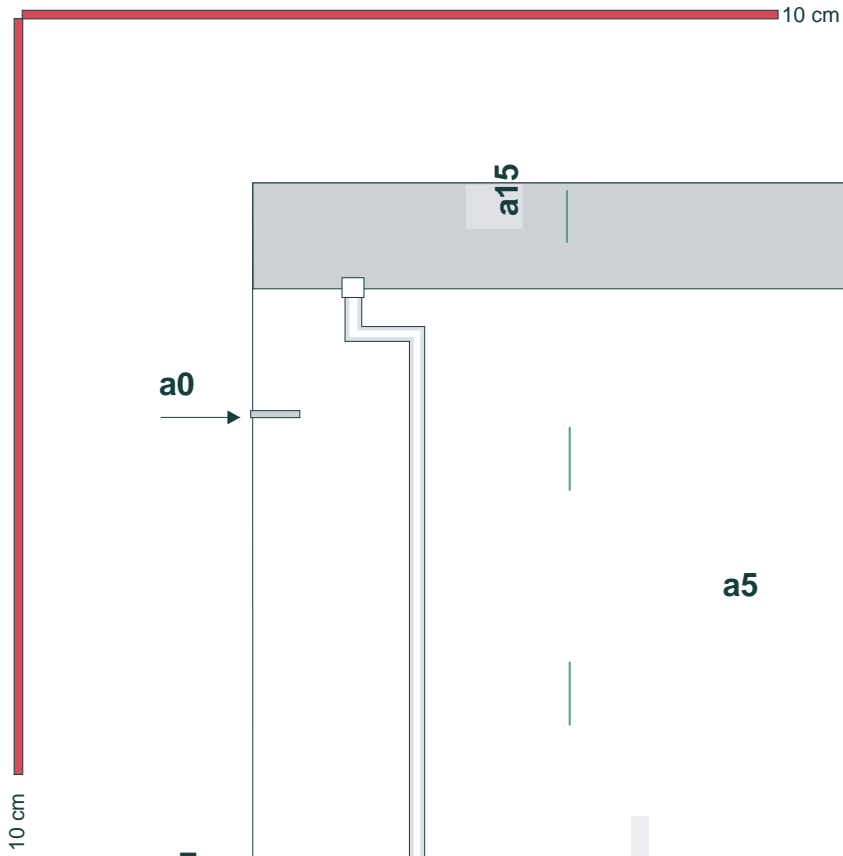


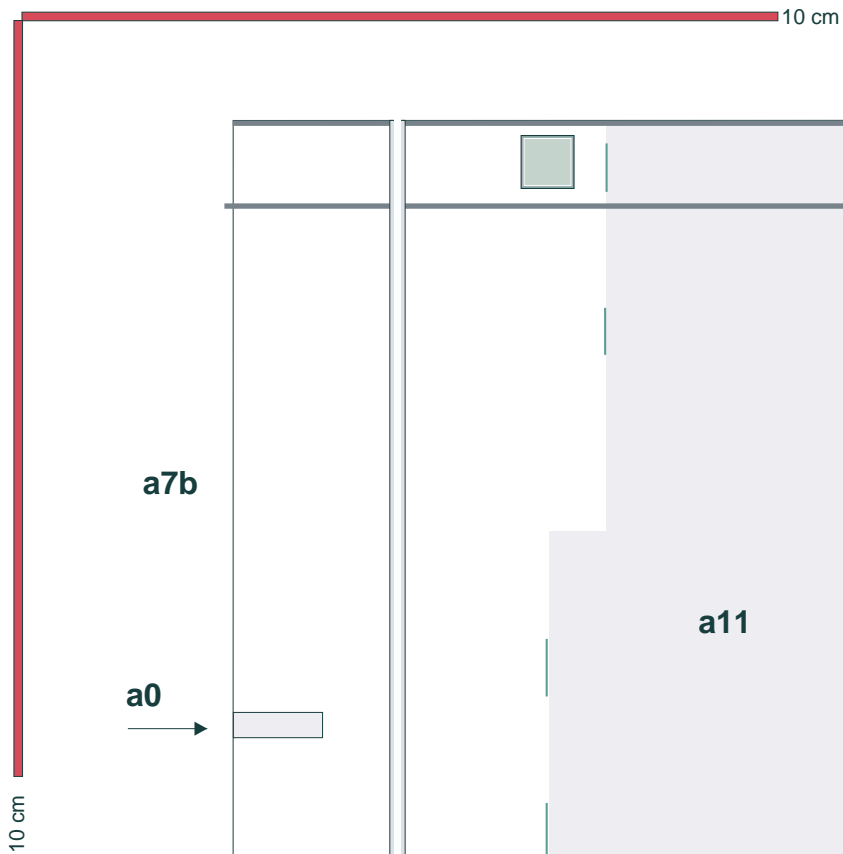
connector a7a / a7b



— slots

A3



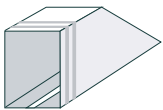
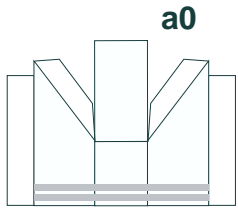
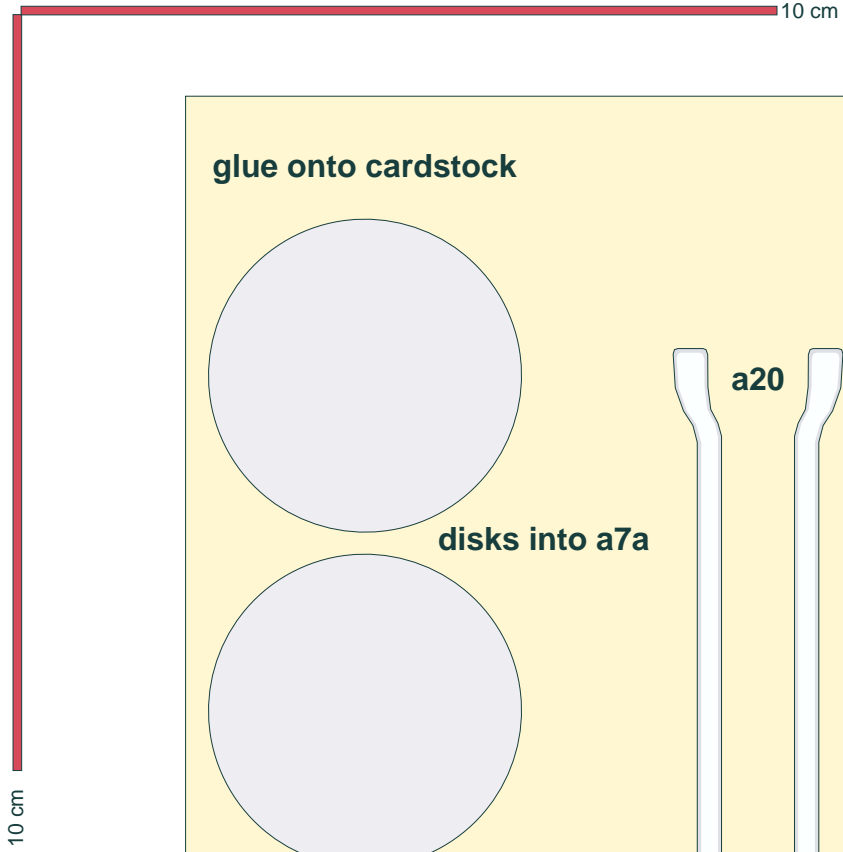


connector a7a / a7b

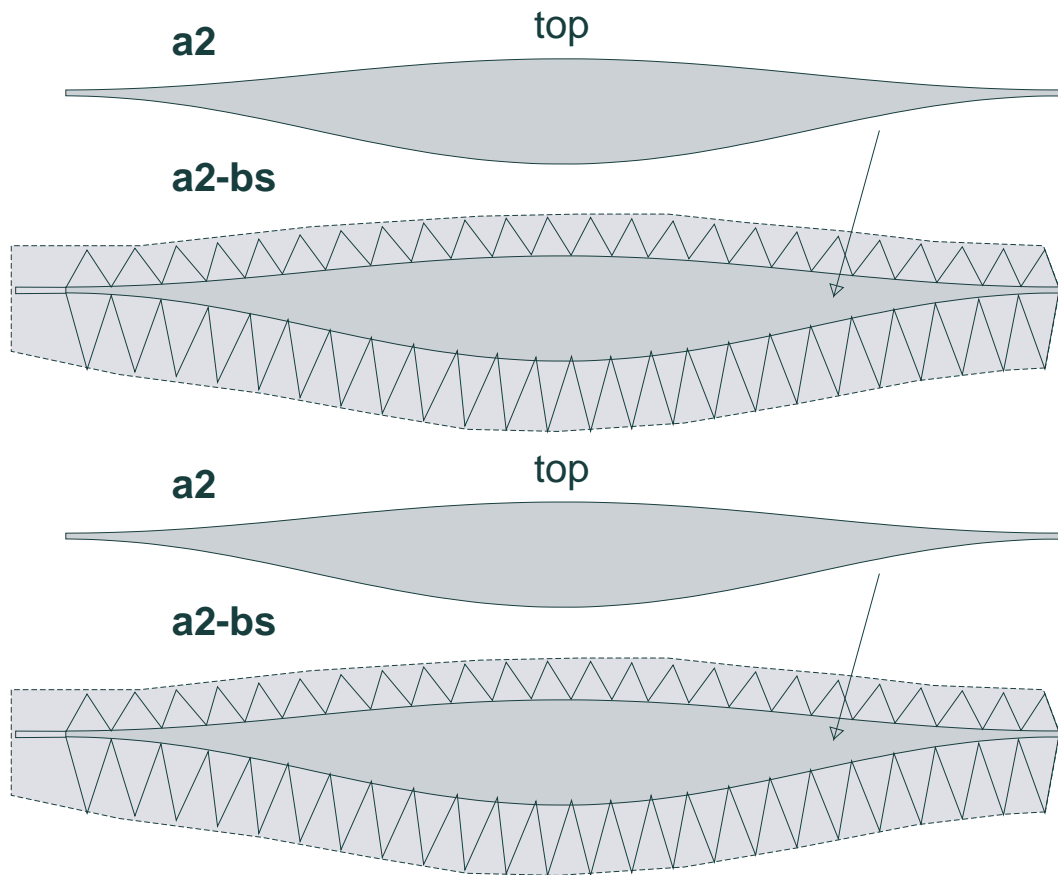
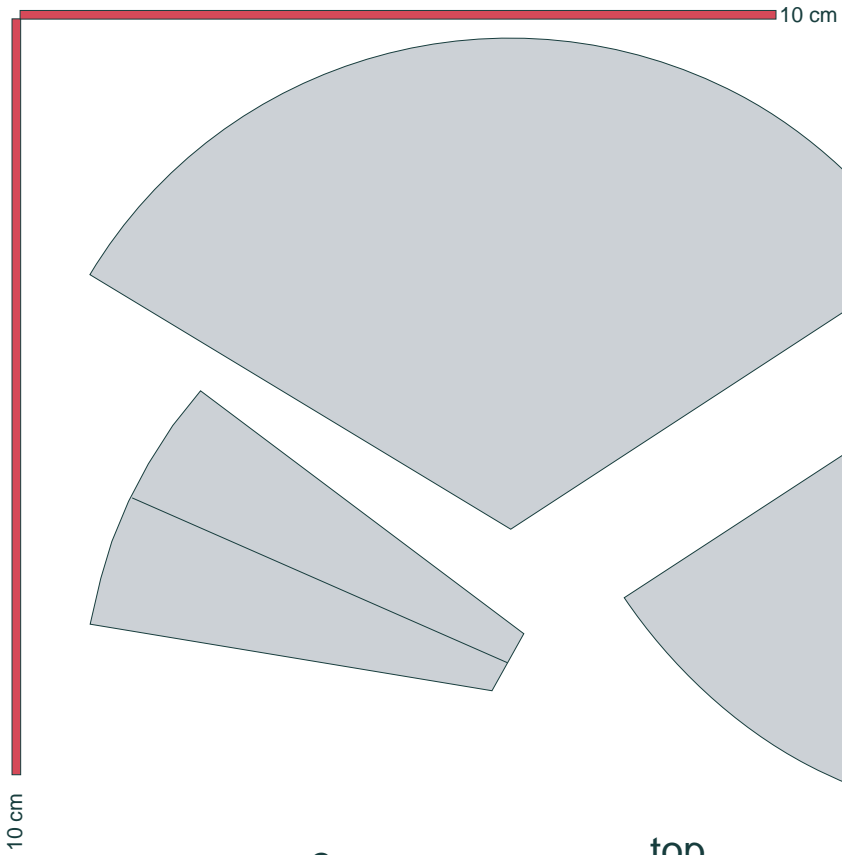


— slots

A4

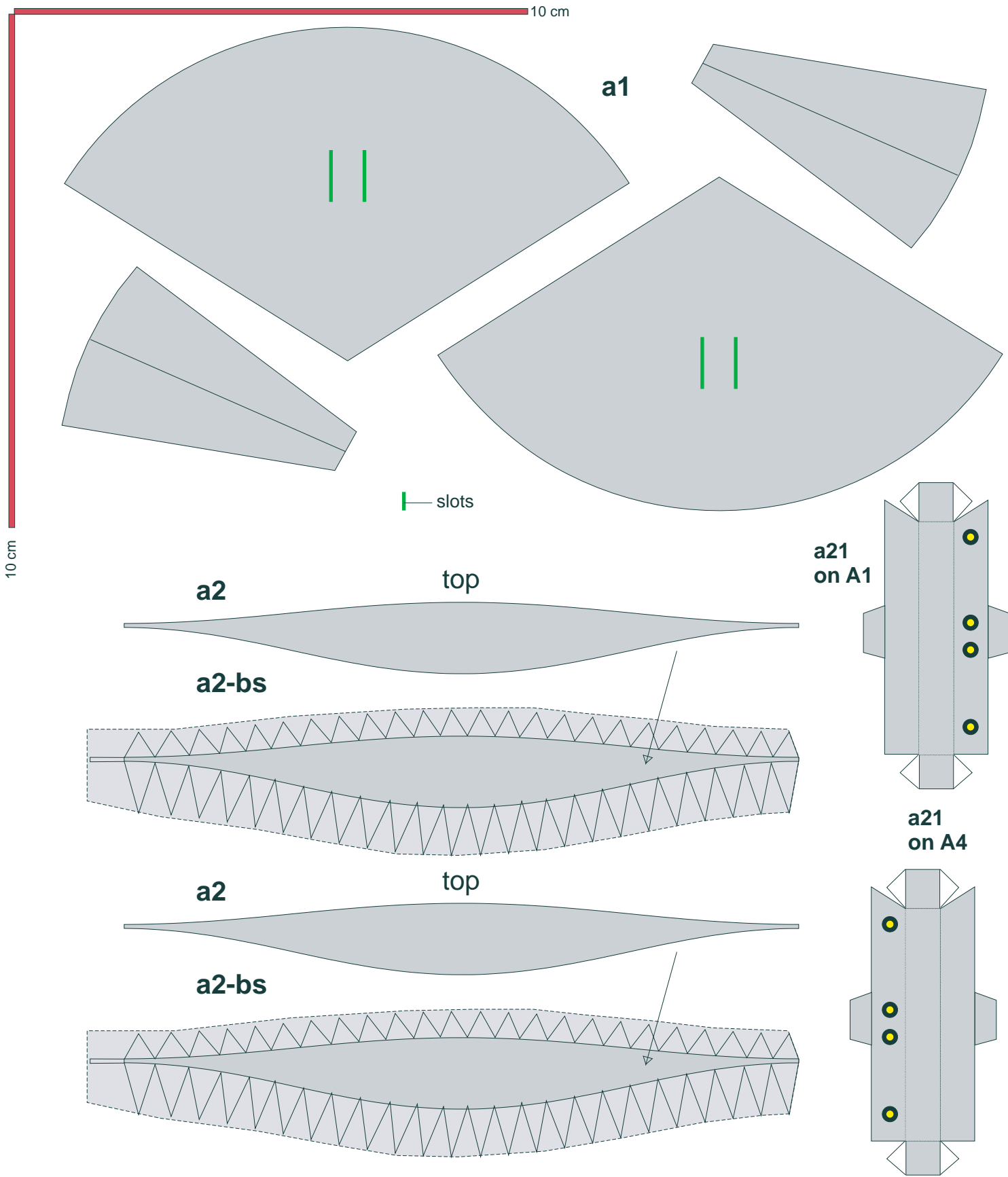


Details for stage A
Print 4 copies



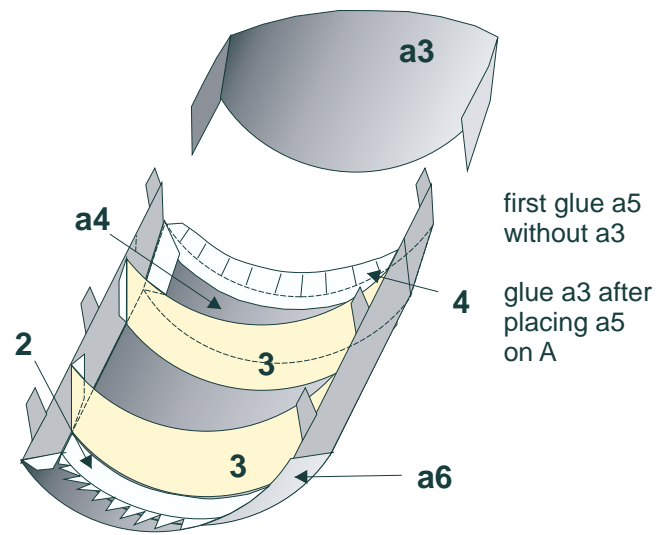
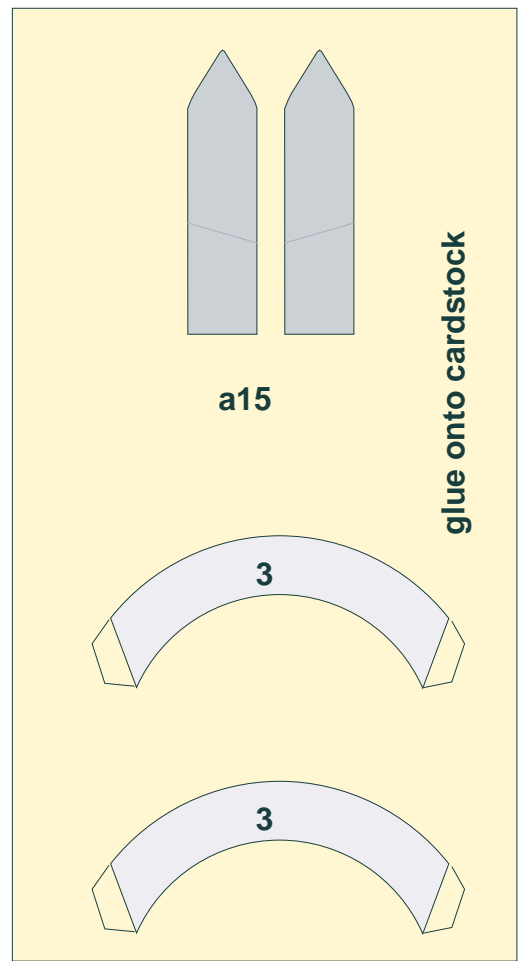
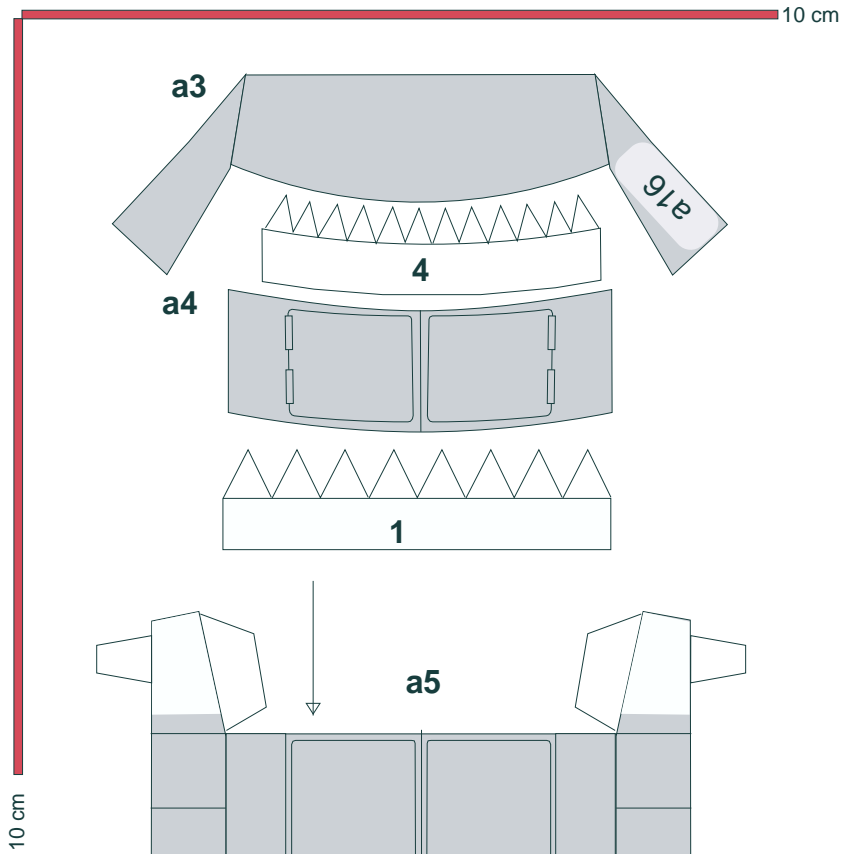
Top cones of busters A2 & A3

Glue part a2 onto a2-bs and immediately (before glue dry up) roll as semitubes. Take it by hard cylinder on soft (porous) surface from back side. Then glue a2 as a tube. Cut tothing only on dry one.

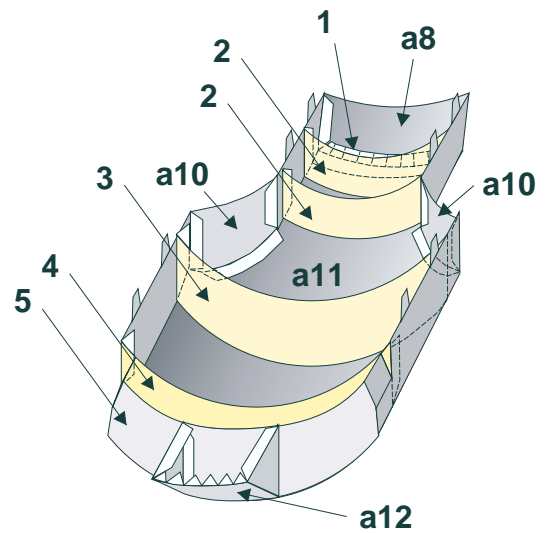
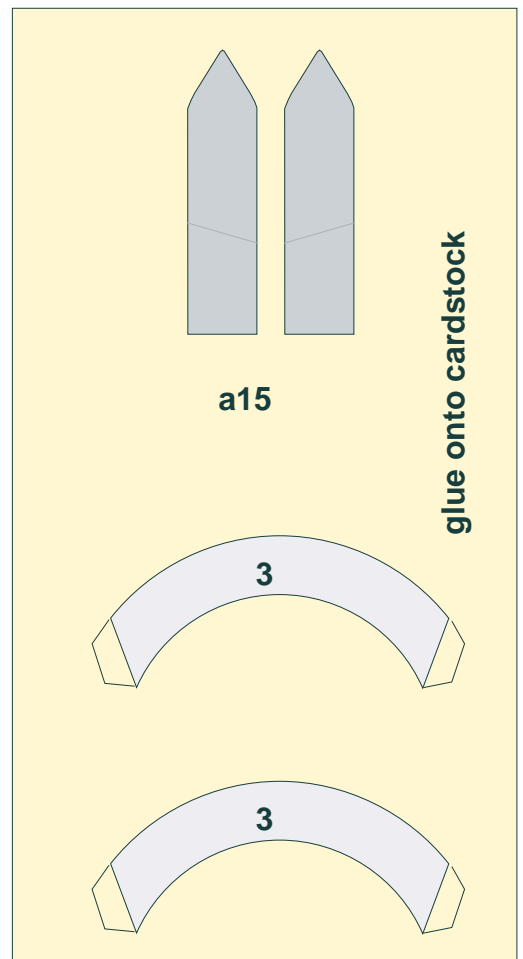
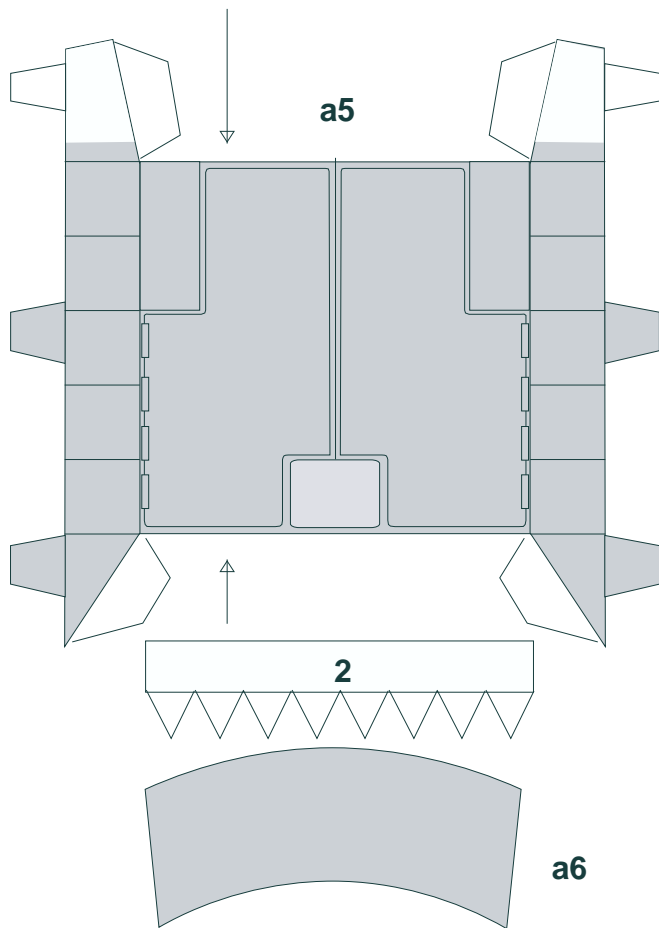
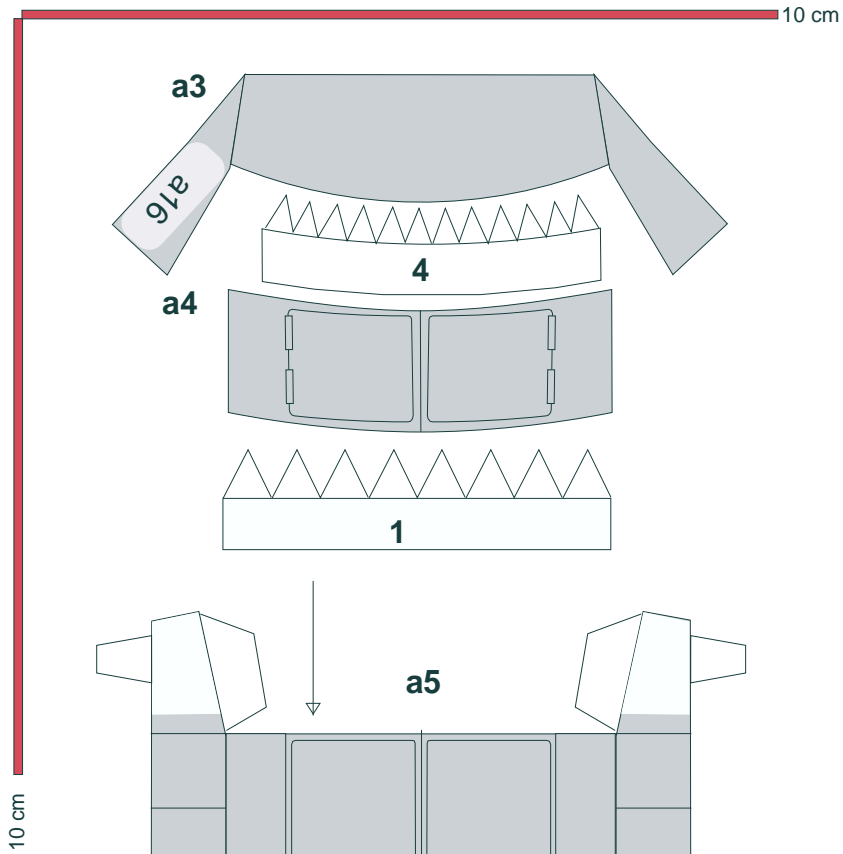


Top cones of busters A1 & A4

Glue part a2 onto a2-bs and immediately (before glue dry up) roll as semitubes. Take it by hard cylinder on soft (porous) surface from back side. Then glue a2 as a tube. Cut tootingh only on dry one.



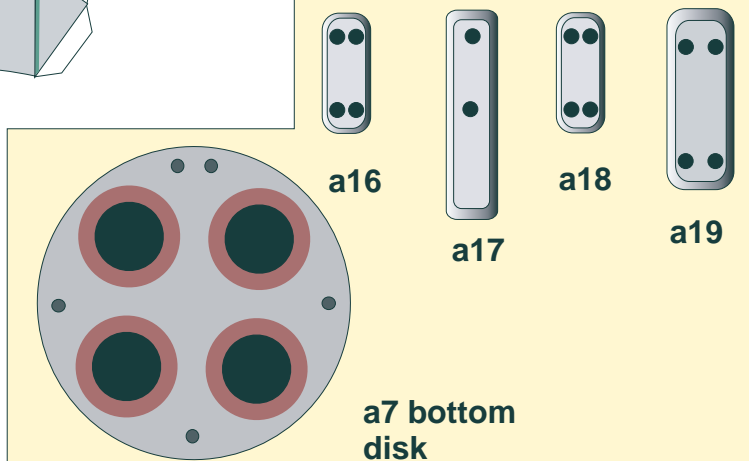
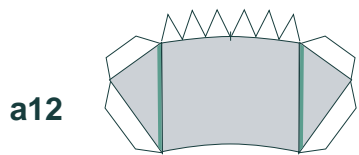
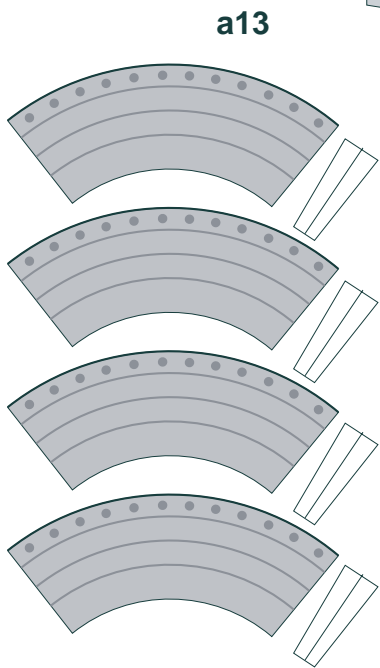
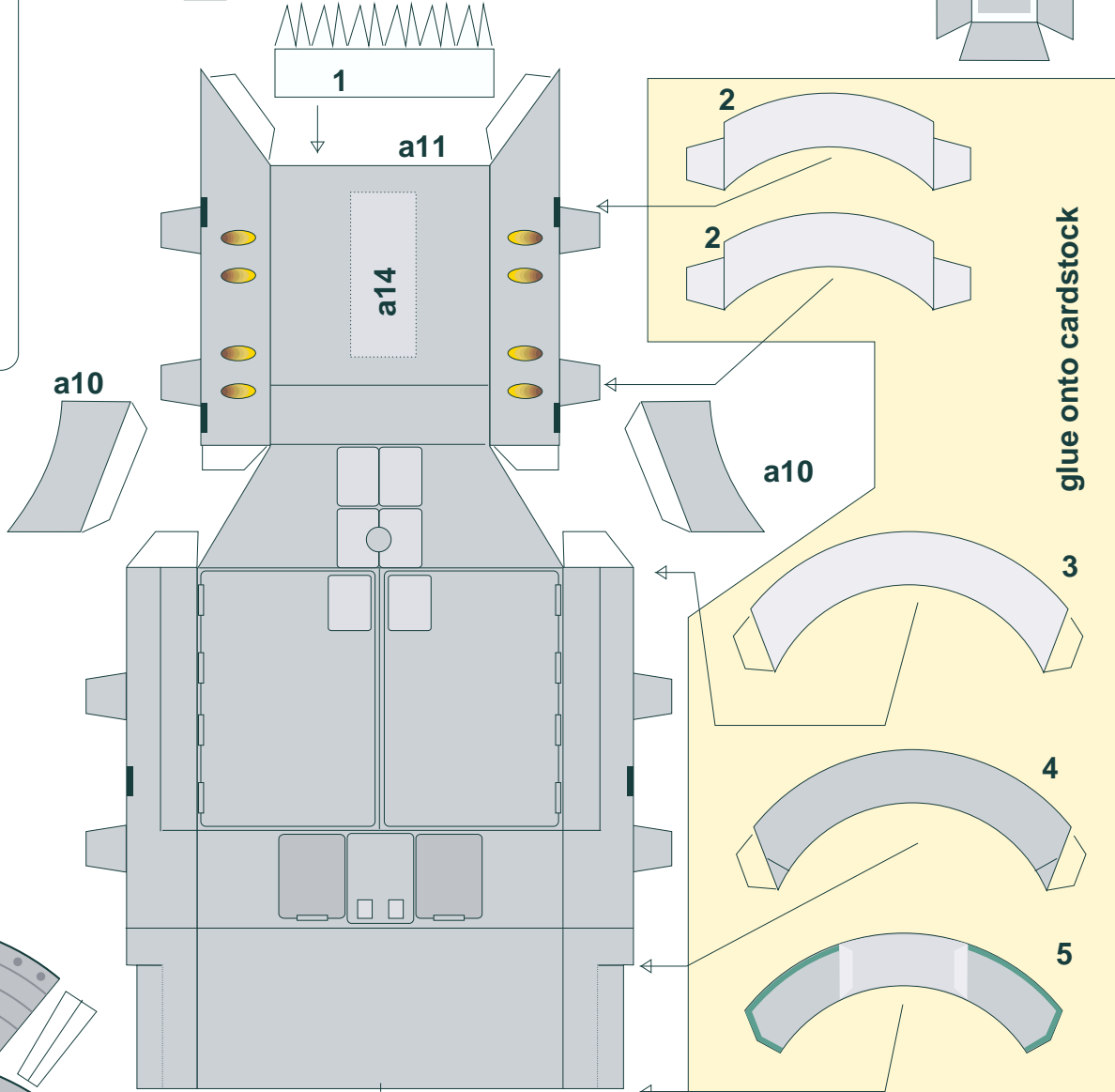
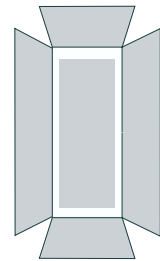
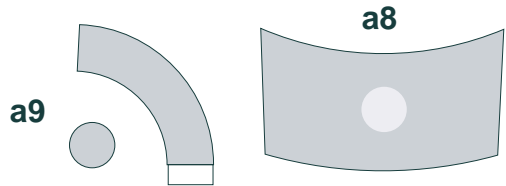
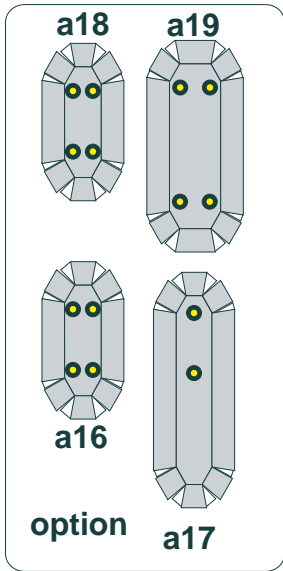
assembling of top part of saving system



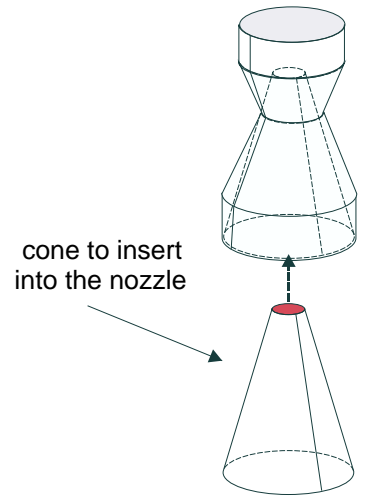
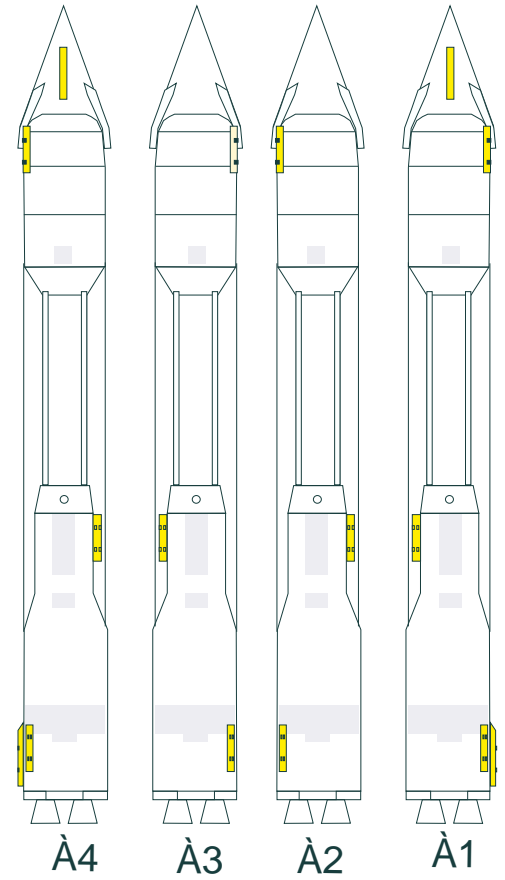
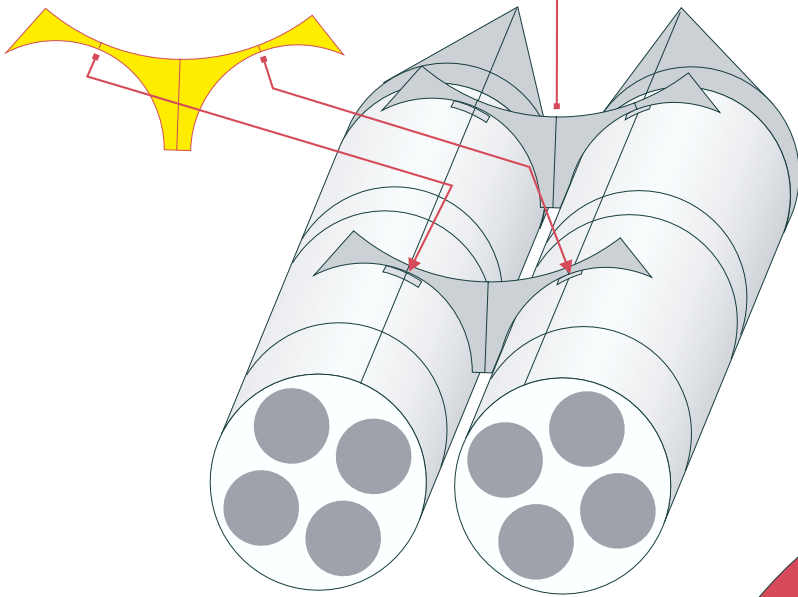
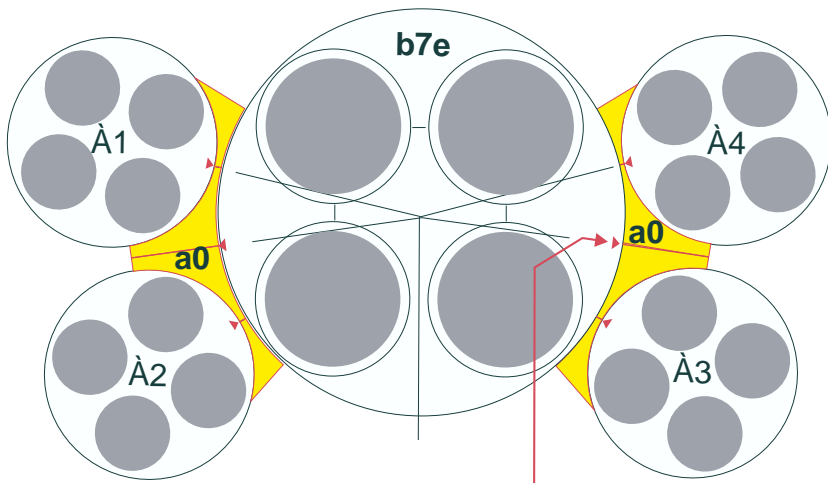
assembling of bottom part of saving system (see p.23)

10 cm

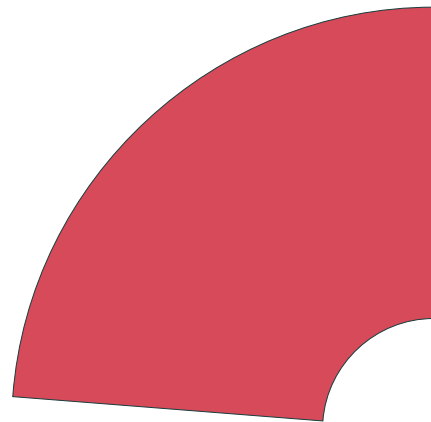
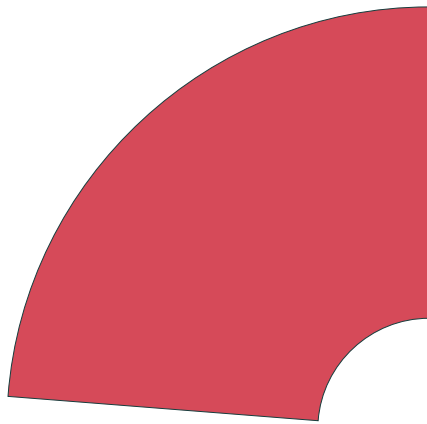
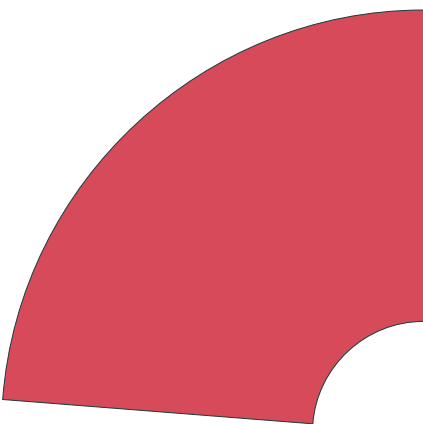
10 cm

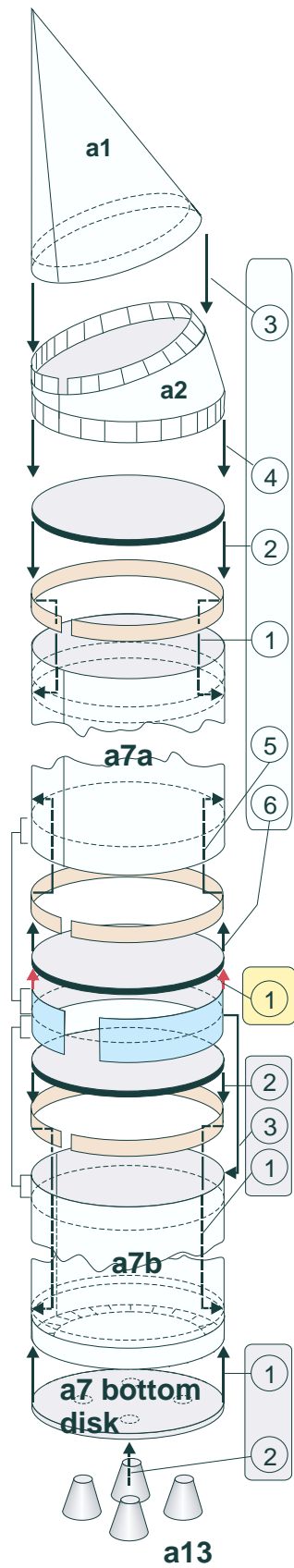


assembling A to B






Glue parts a0 to A using markers "a0" on A, then glue pairs of blocks A on B, using markers "a0" on B. Ends of the nozzles of all blocks - in common plane.



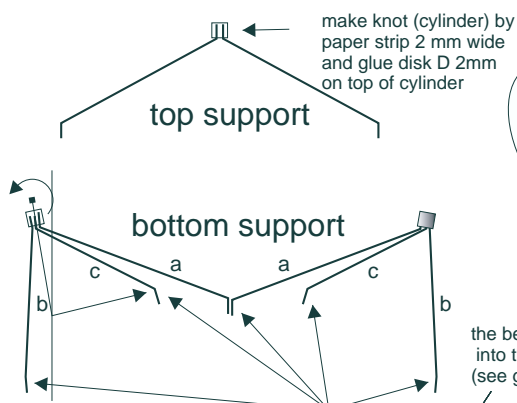


steps of assembling parts of body stage A

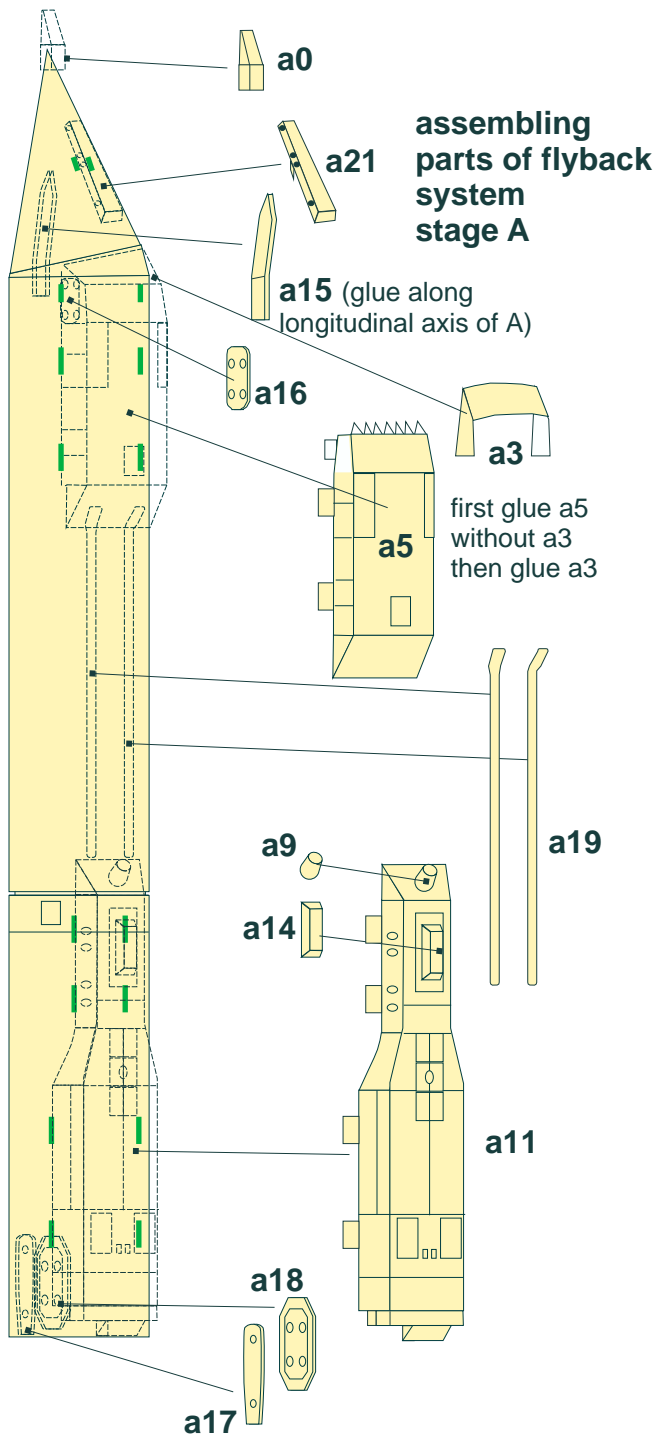
 supporting rings
 connecting ring
 slots

last step of assembling body of stage A

assembling supports for payload on body of stage B



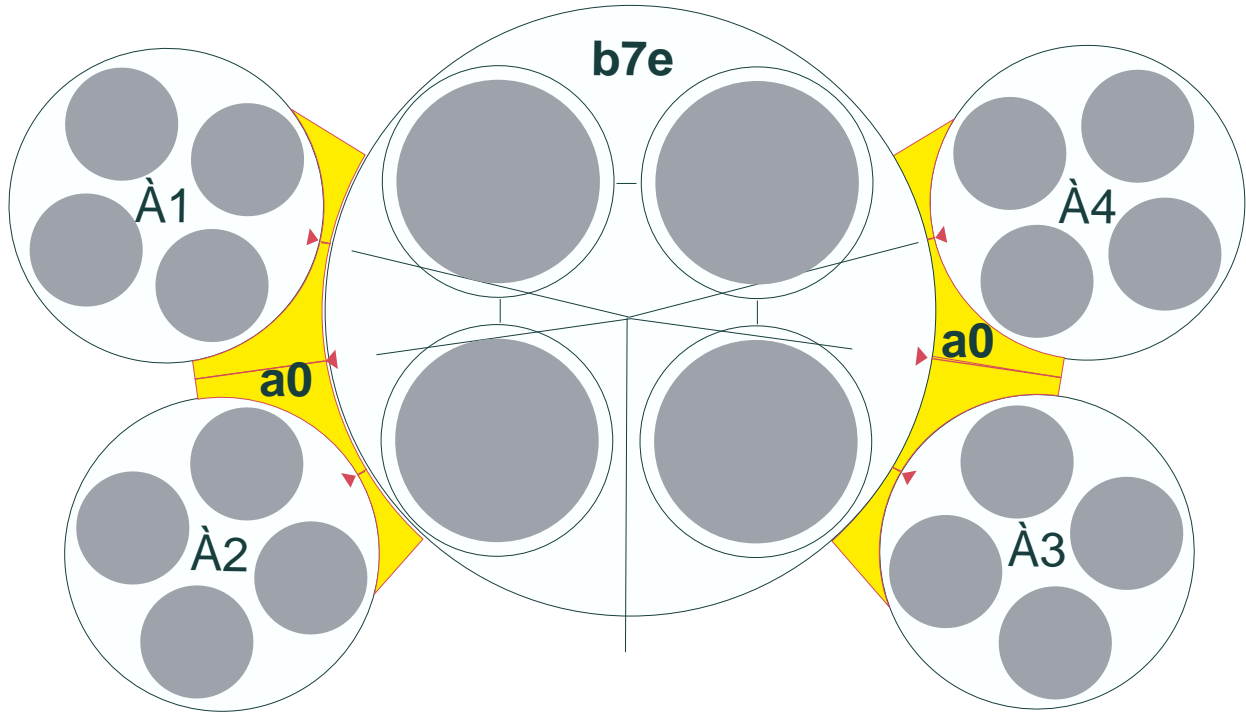
the bent back ends paste into the holes on part B (see green marks)



assembling parts of flyback system stage A

first glue a5 without a3 then glue a3

Template for assembling of Stages A & B



10 cm