

50 years of Gagarin's space flight

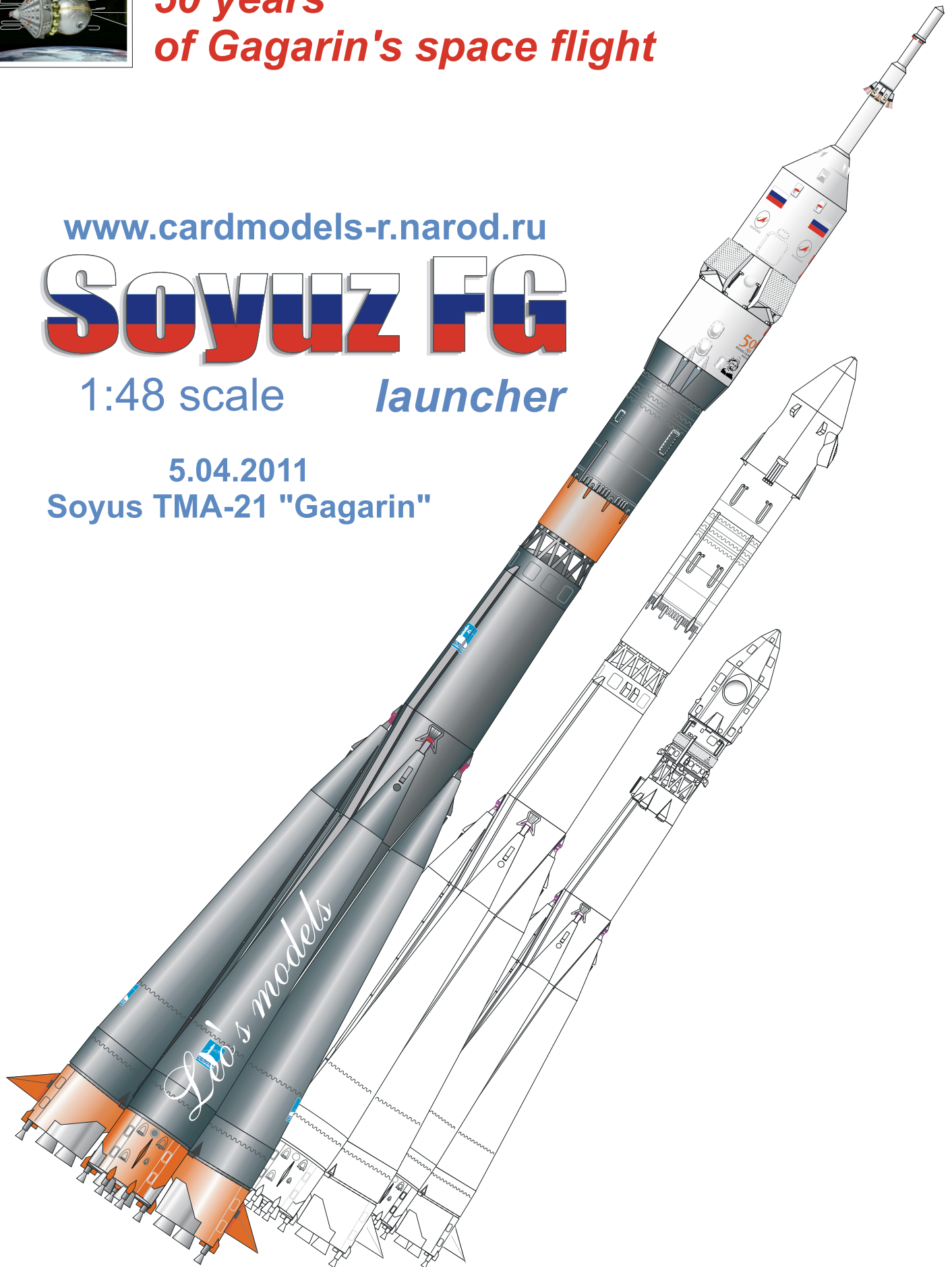
www.cardmodels-r.narod.ru

SOYUZ FG

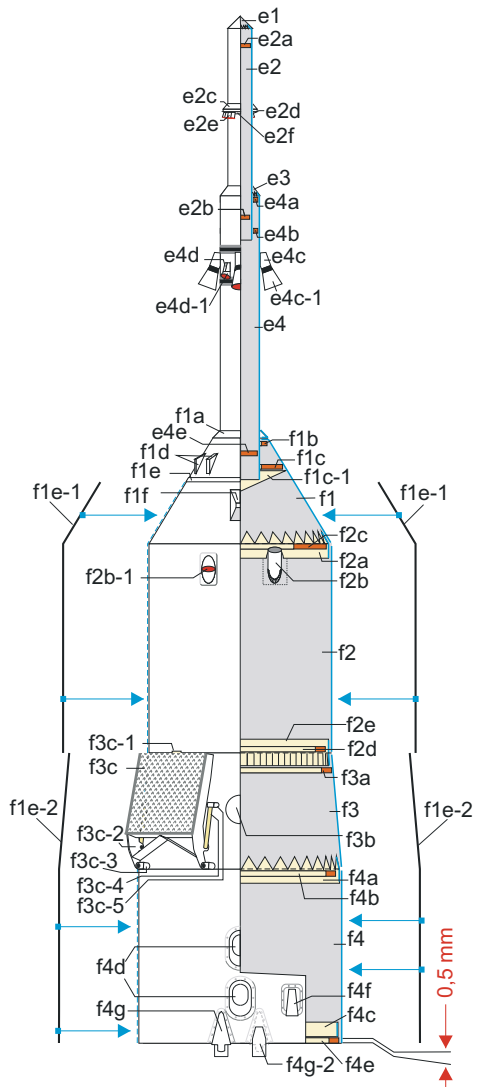
1:48 scale launcher

5.04.2011

Soyuz TMA-21 "Gagarin"



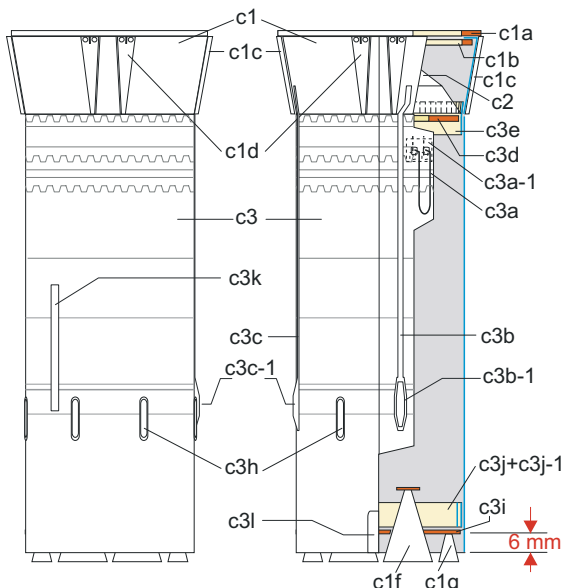
Fairing



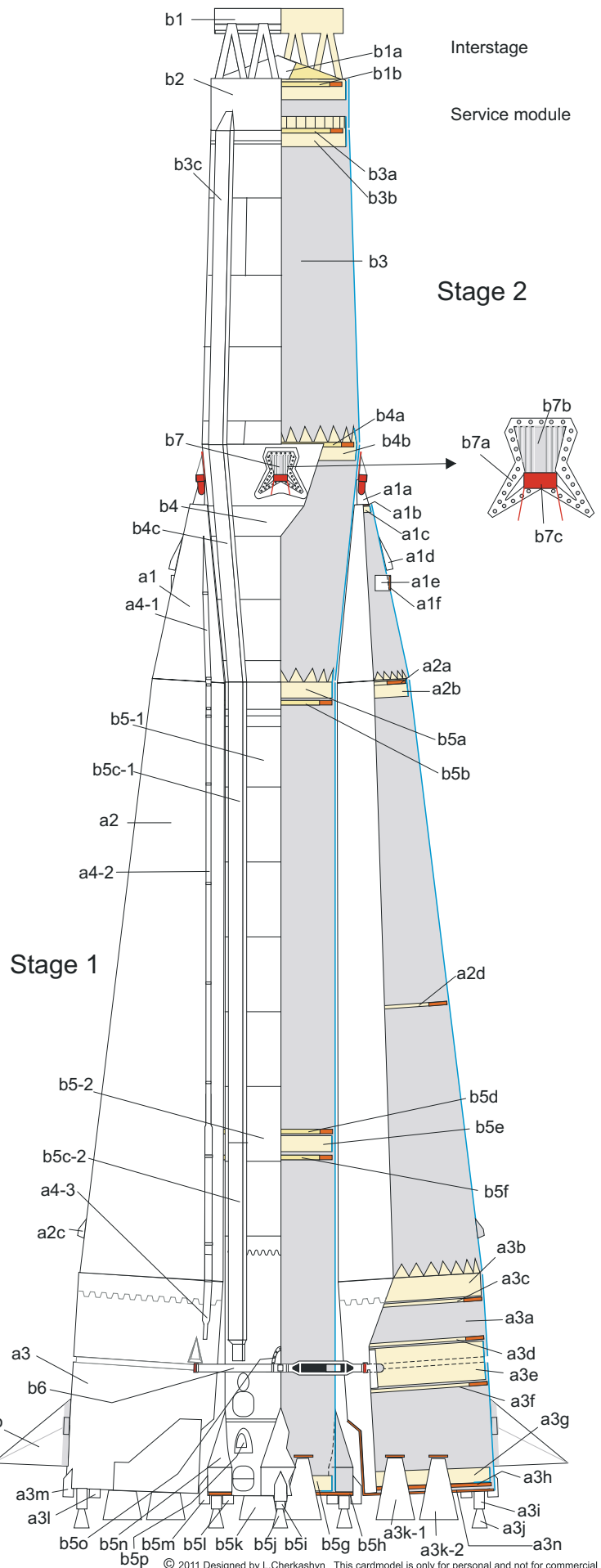
Stage 3

front view

back side view

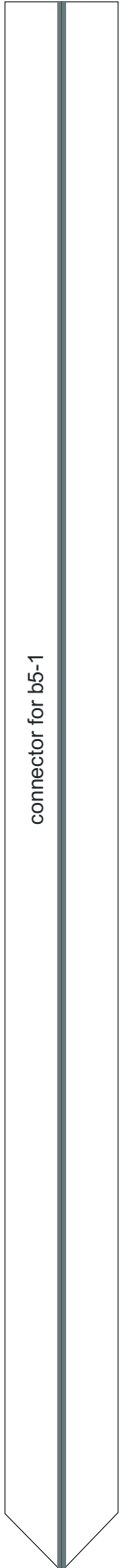


Paper used:
 0,15 mm - 130 gr
 0,26 mm - 200 gr ("cardstock")
 Glue: PVA

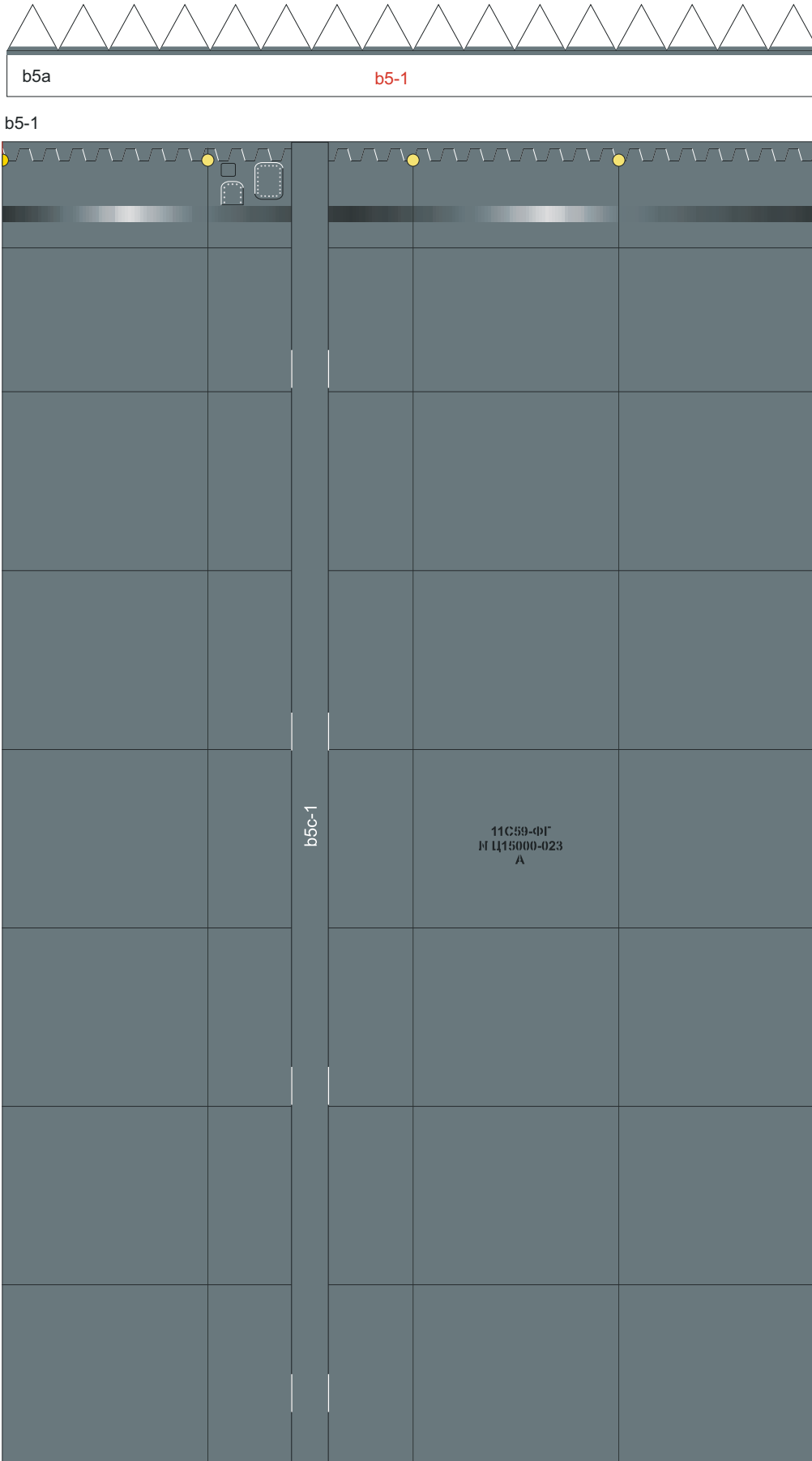


Stage 1

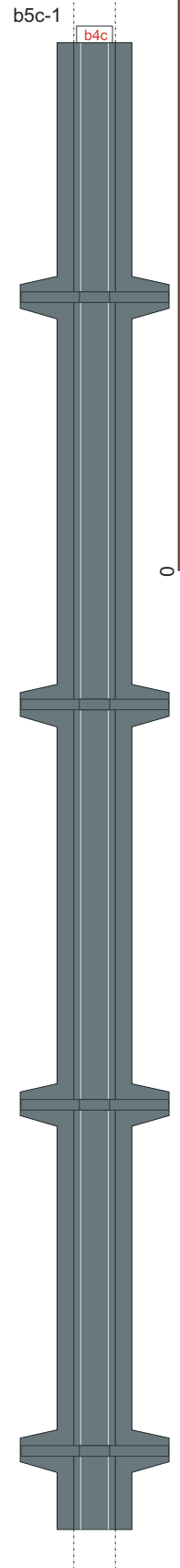
holes for assembling of Stage 1. Make ones only during assembling!



connector for b5-1

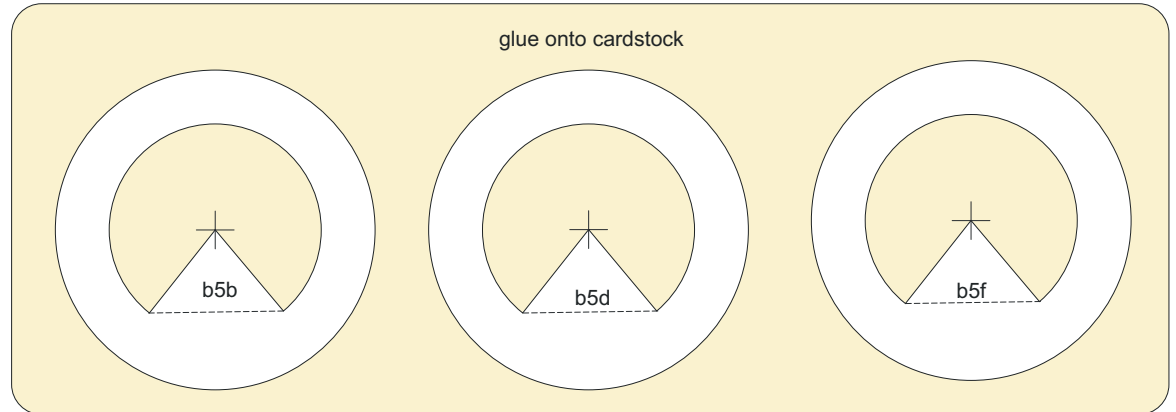
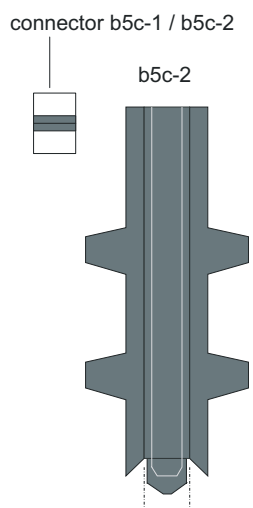
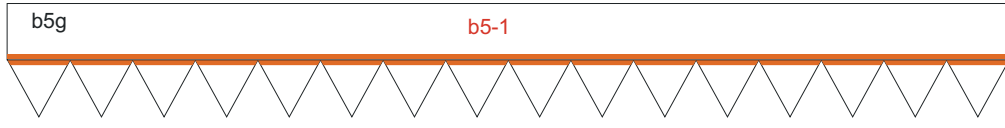
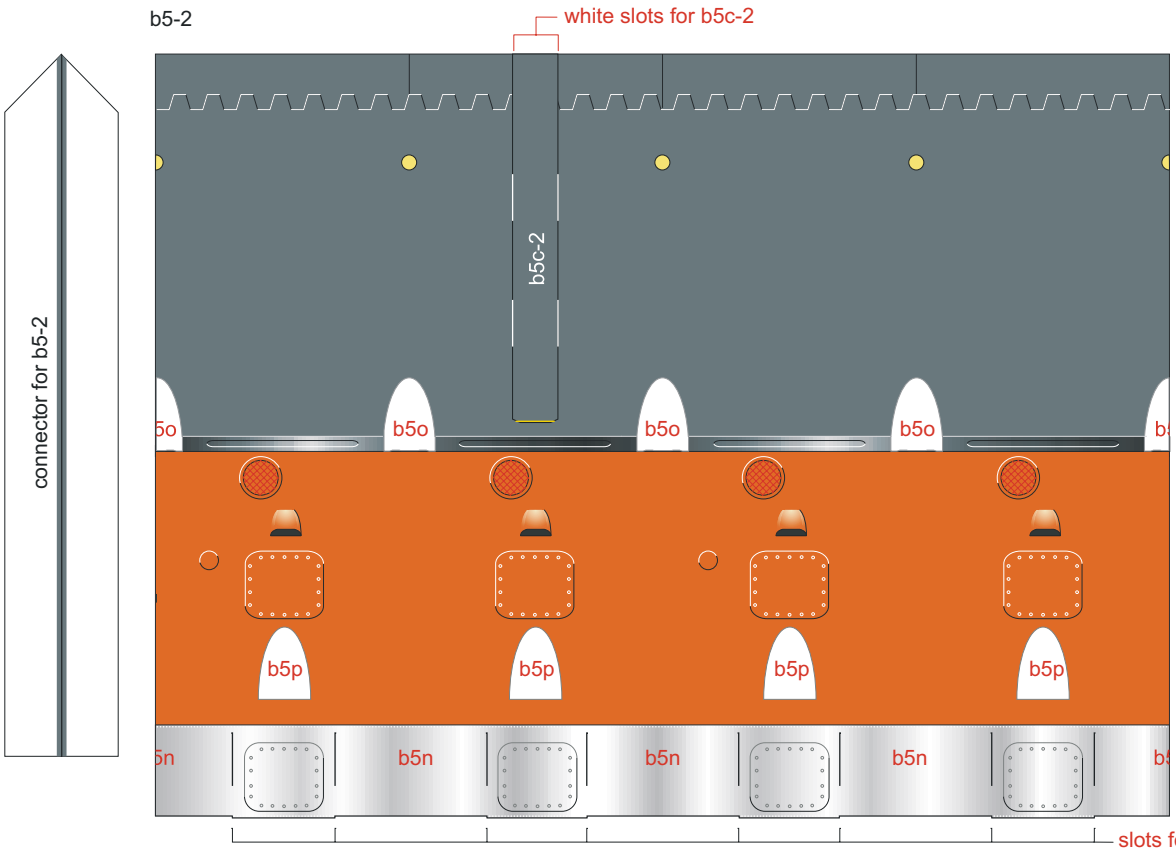
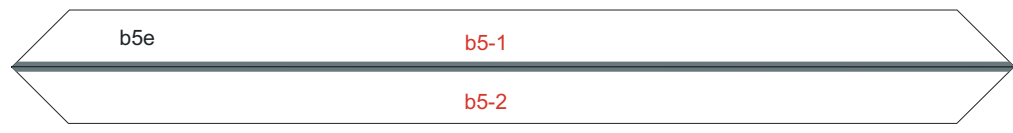


white slots for b5c-1



10 cm

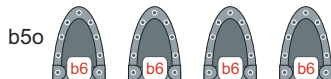
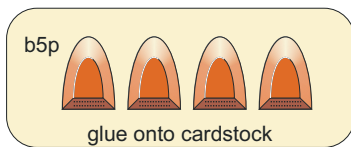
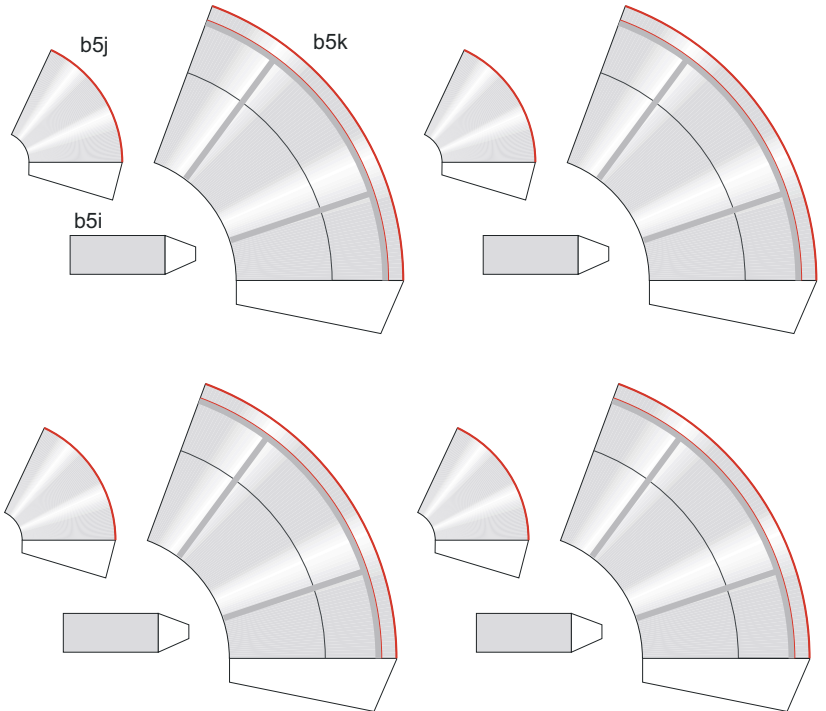
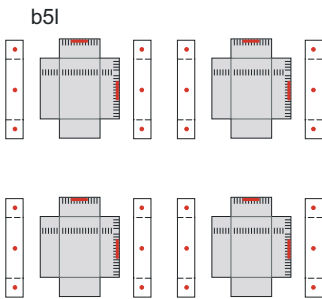
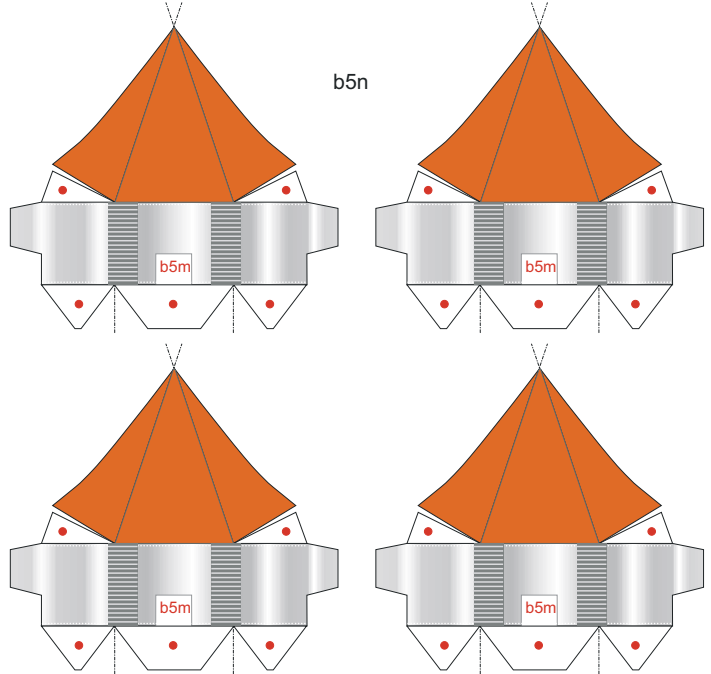
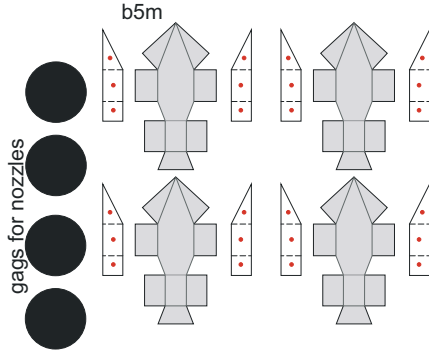
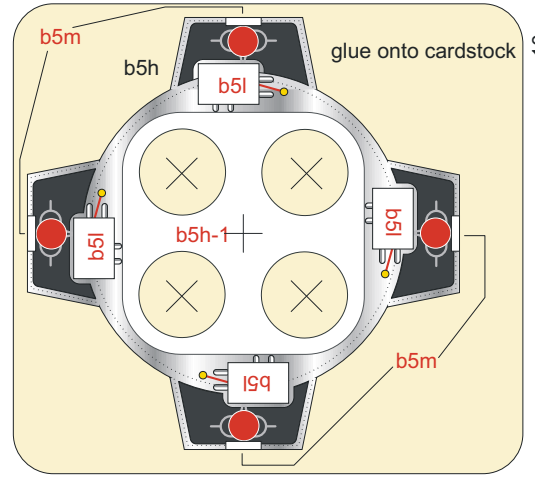
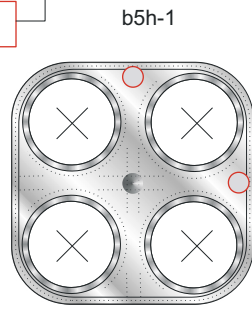
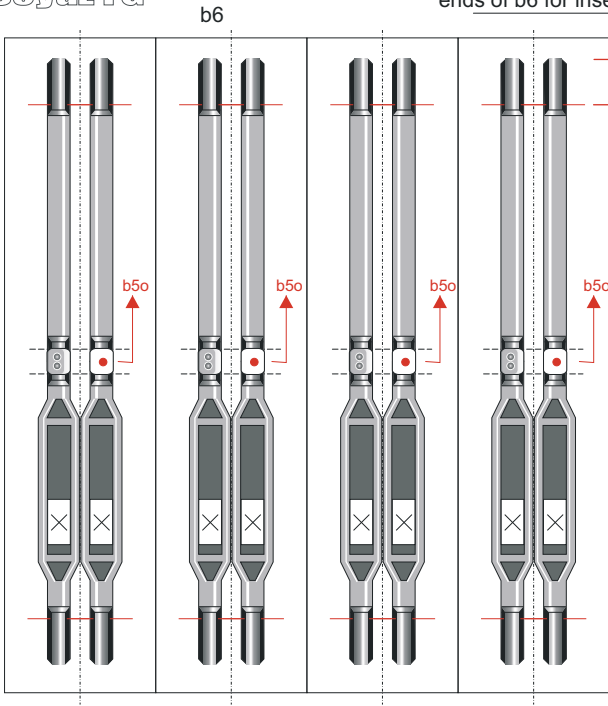
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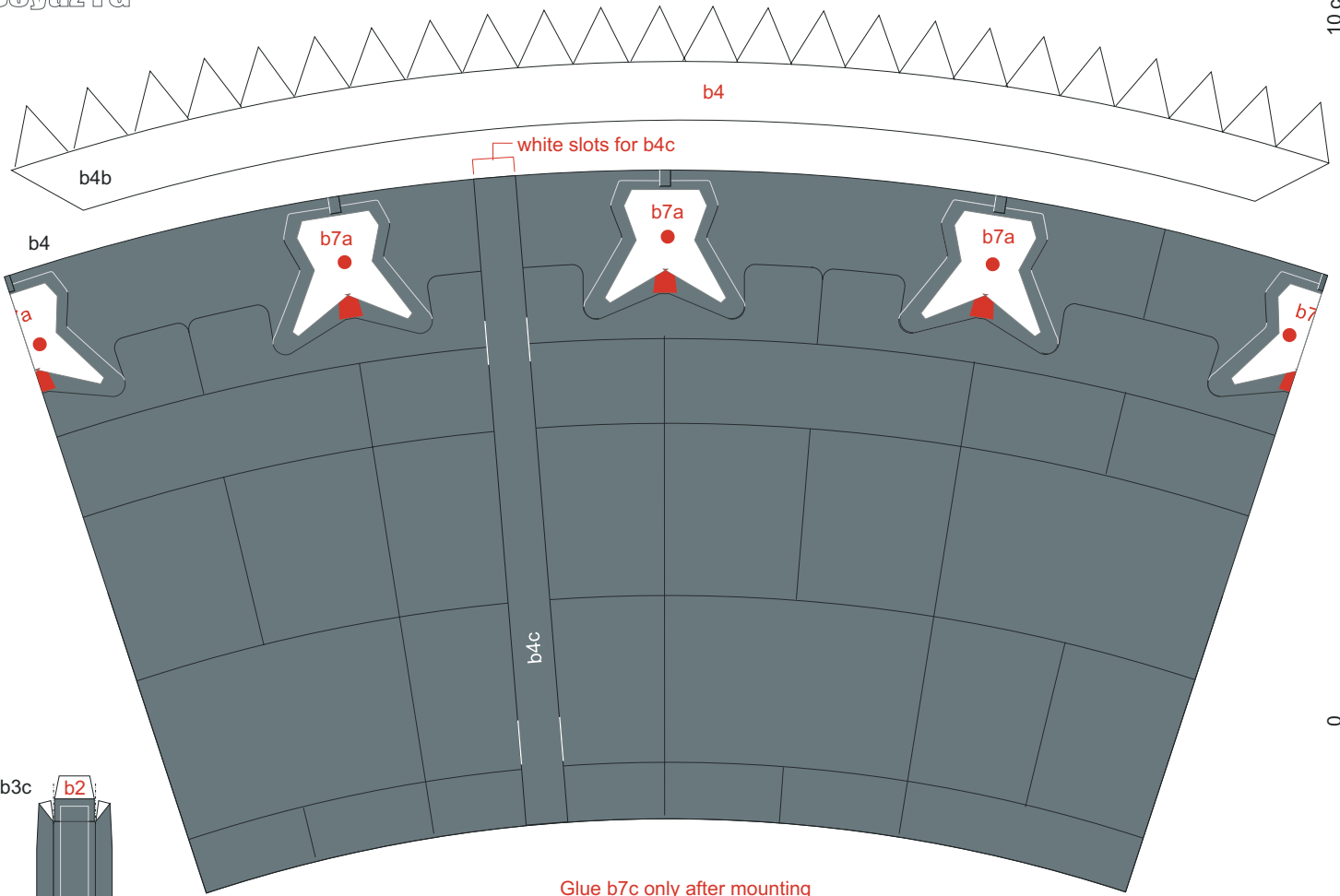


Internal parts of nozzles b5j and b5k

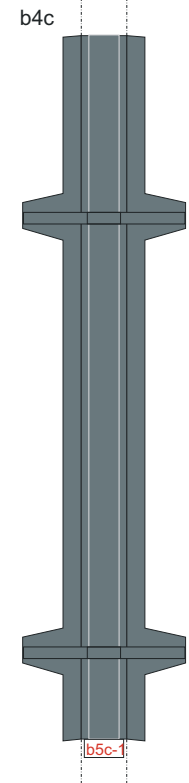
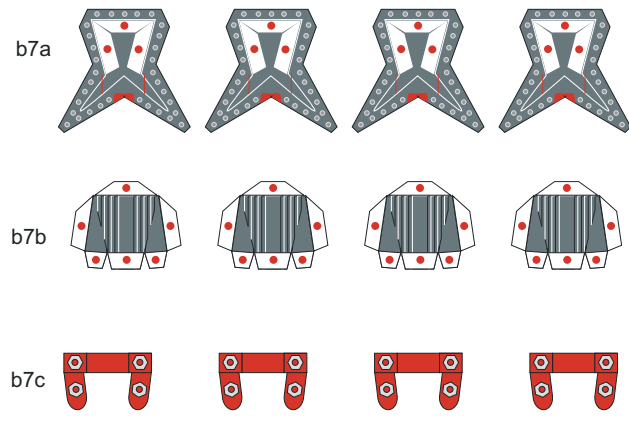
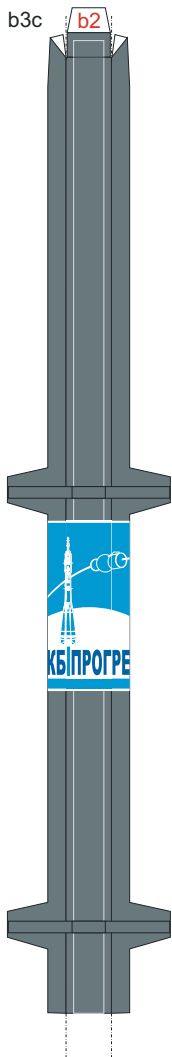
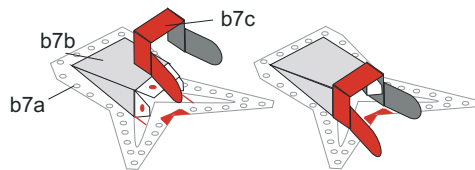


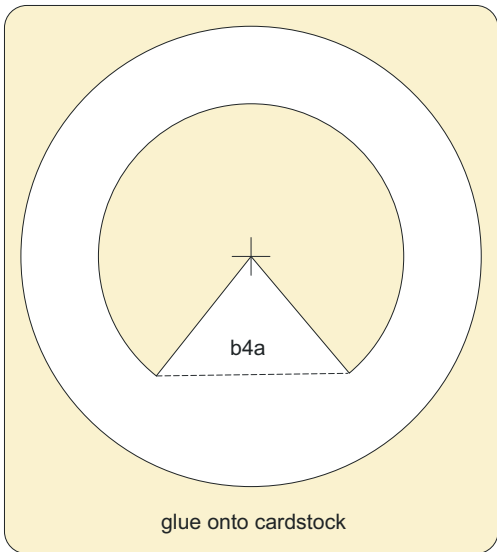
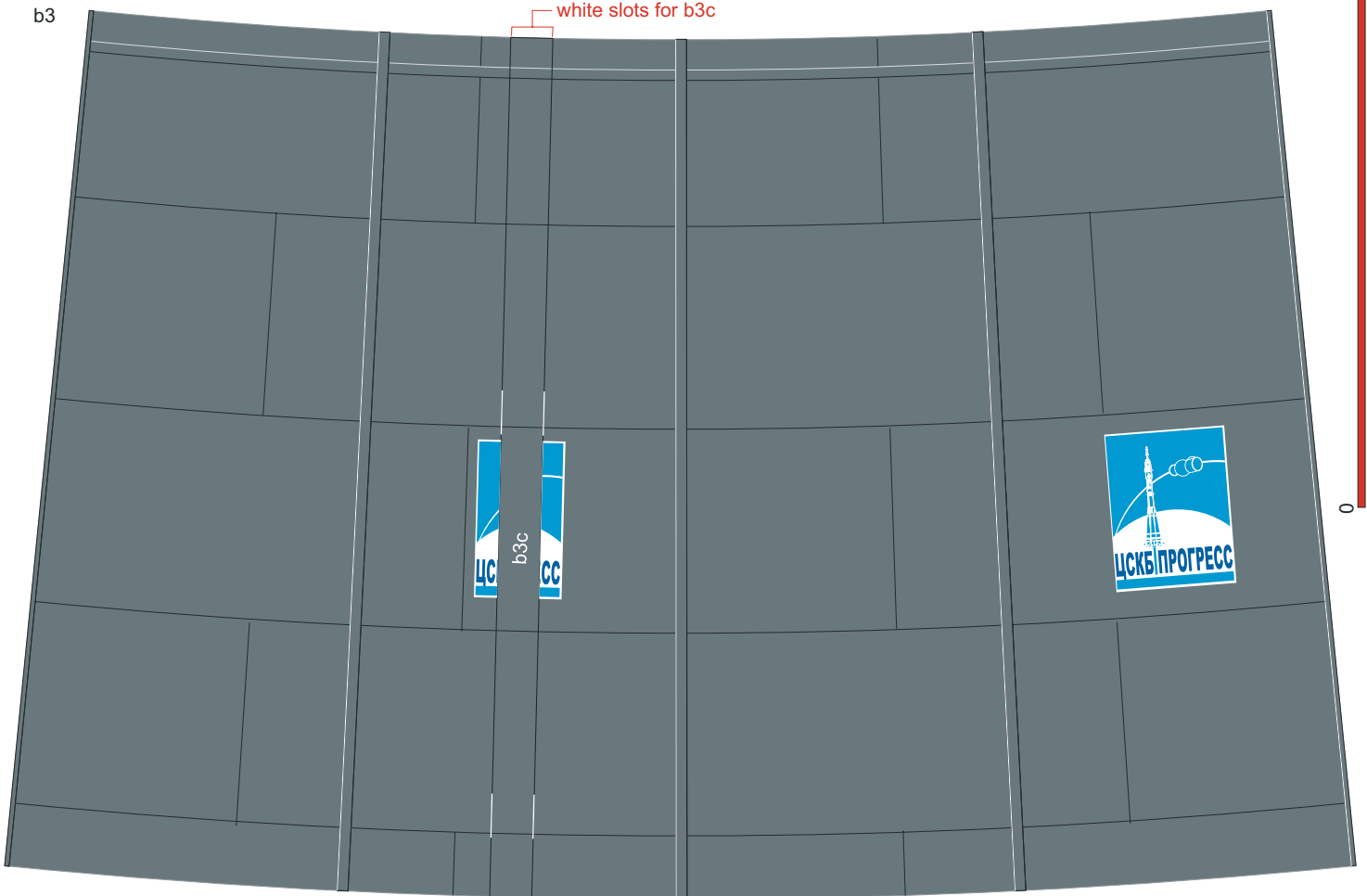
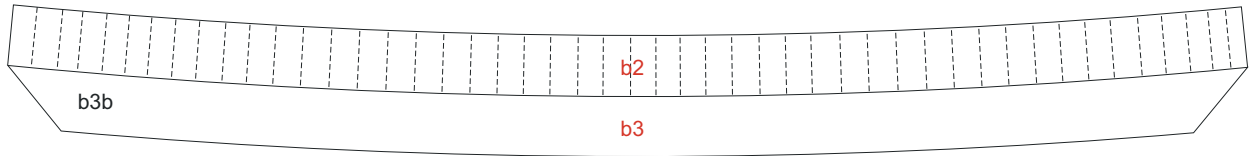
ends of b6 for inserting to Stage 1



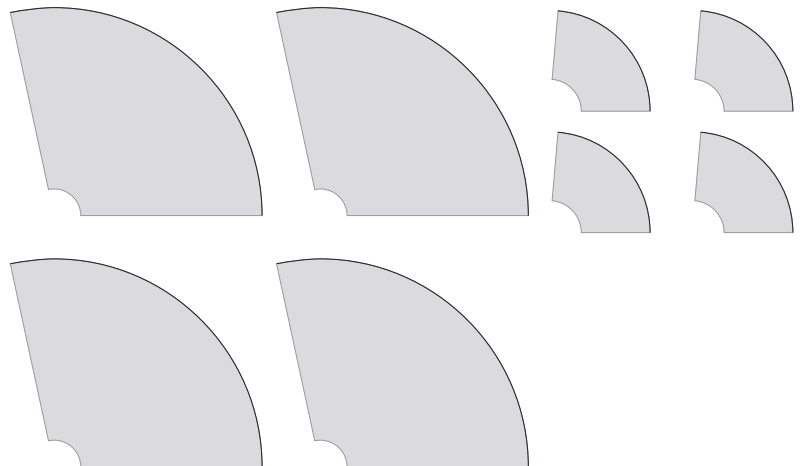


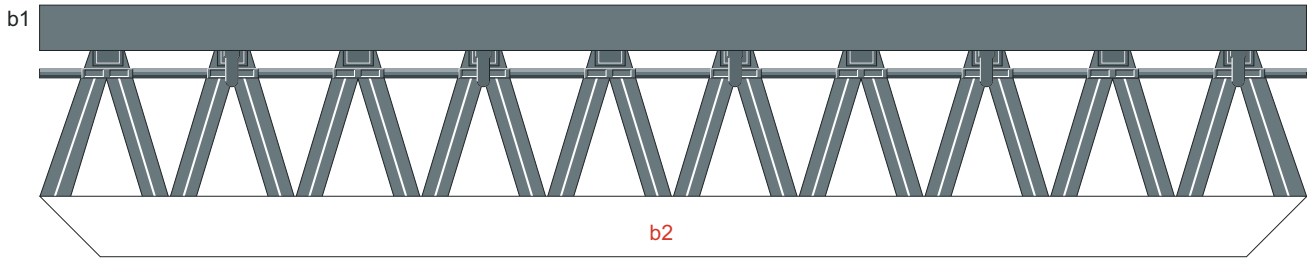
Glue b7c only after mounting blocks of stage 1 onto stage 2 !



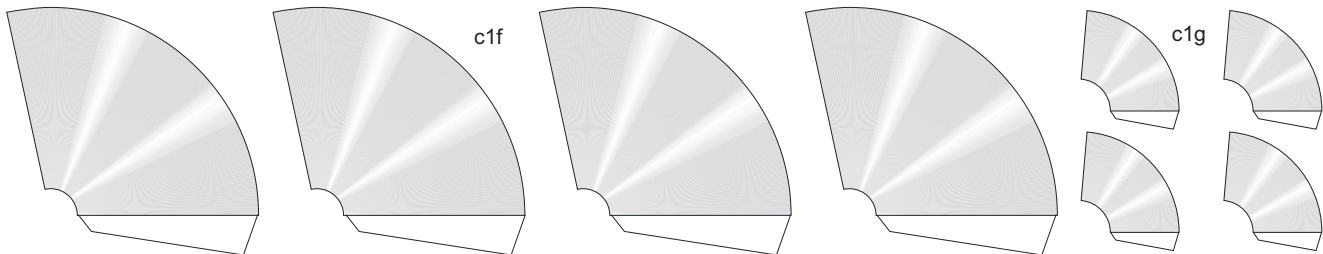
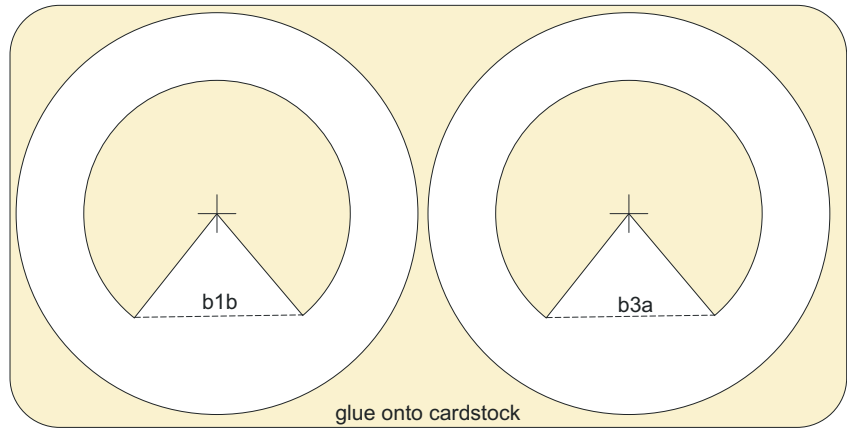
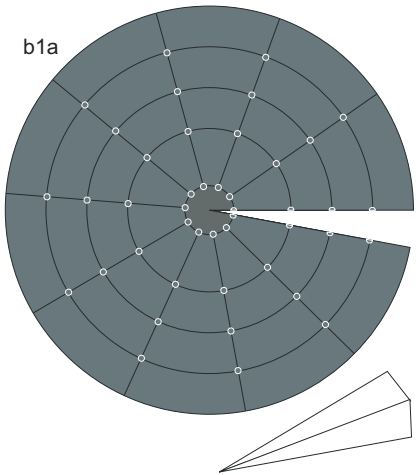
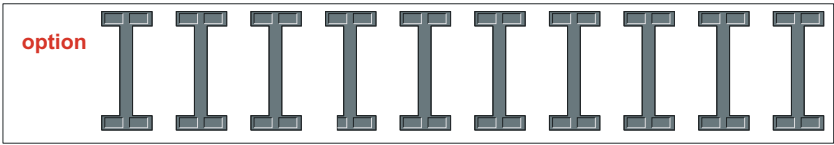
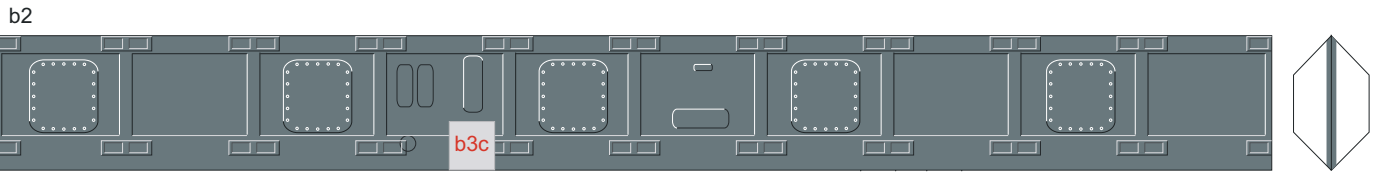


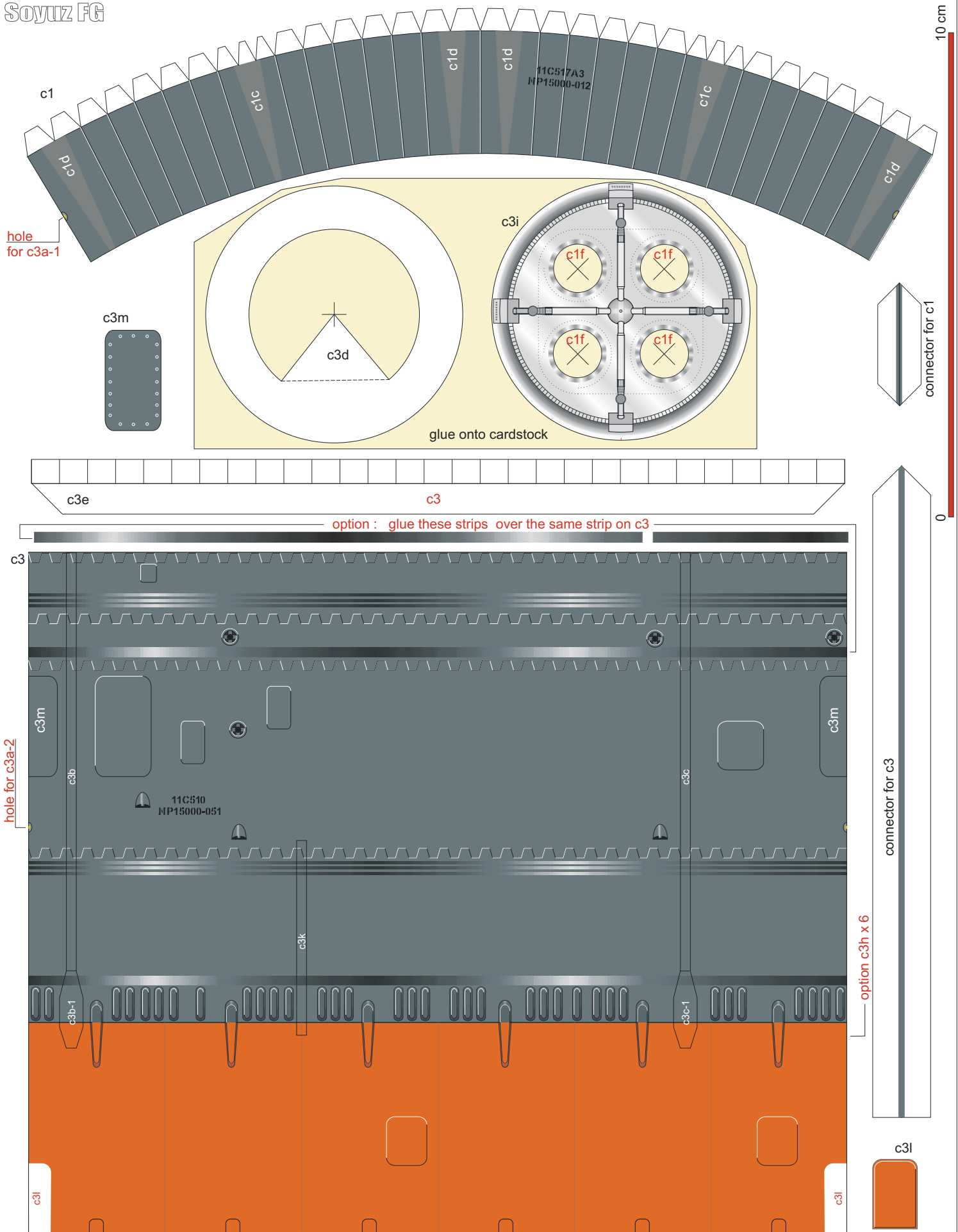
Internal parts of nozzles c1f and c1g

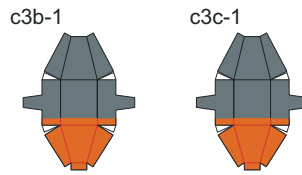
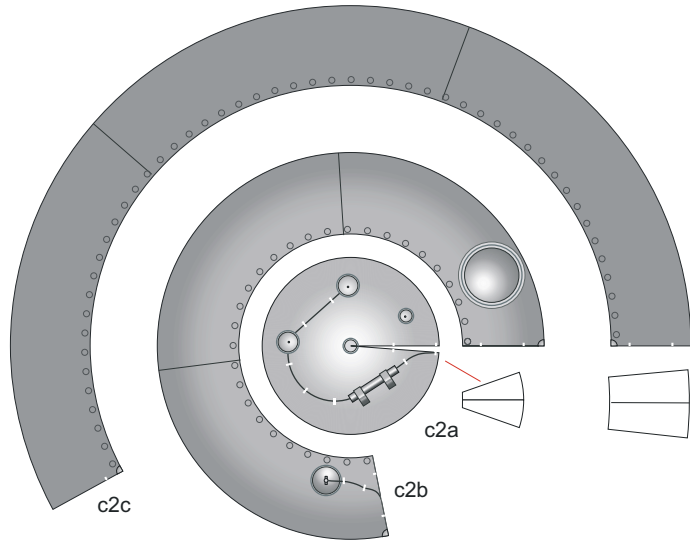
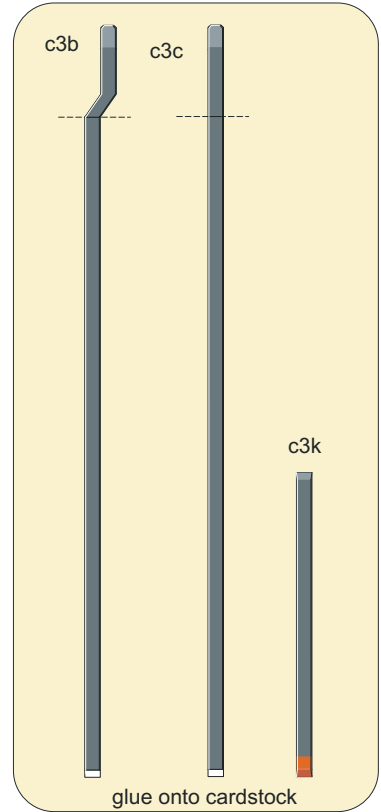
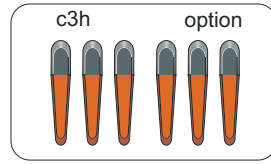
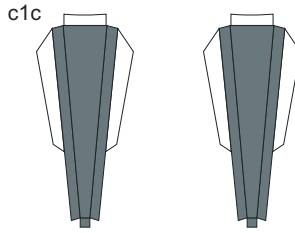
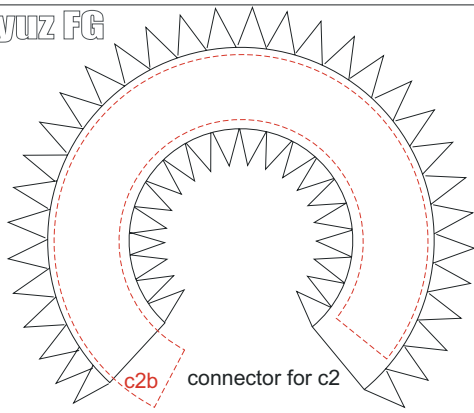




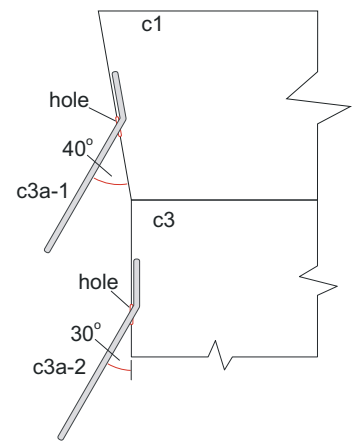
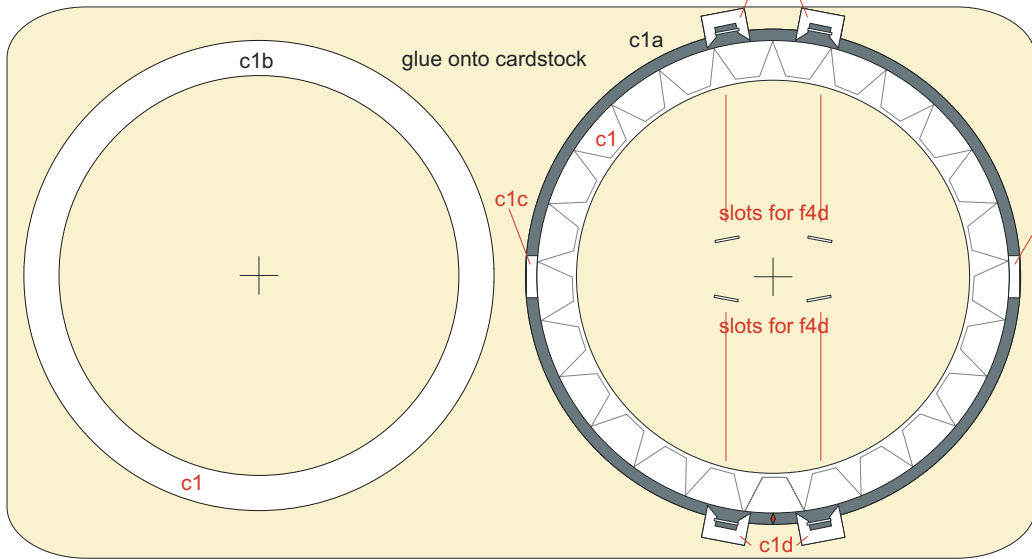
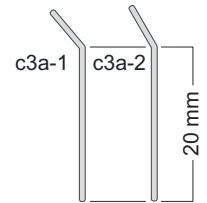
glue onto back side of part b1 before cut one







"silver" wire d~0,5 mm



c3j	c3
supports fo c3i	
c3j-1	c3j

