

长征五号B运载火箭 遥一纸模型 1:96

Long March 5B Launch Vehicle Y1 Paper model 1:96

纸张大小 Size: US Letter
纸张重量 Weight: Page 2-10,14-15, ~200 gsm(~110 lb)
Page 11-13, ~75 gsm

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长征五号B运载火箭是中国大陆研制的专用于近地轨道发射的大型运载火箭，主要承担中国载人航天工程天宫空间站舱段的发射。火箭为一级半构型，拥有四个助推器以及高达20.5米的整流罩，高53.66米。2020年5月5日，长征五号B遥一火箭于文昌航天发射场101工位起飞，成功将新一代载人飞船试验船、柔性充气式货物返回舱试验舱送入近地轨道。

本模型火箭部分高约56厘米，但不包含整流罩内的卫星。

祝你制作愉快!

Long March 5B (or Chang Zheng 5B) is a heavy-lift launch vehicle designed by mainland China, dedicated for LEO spacecrafts. It's mainly used in Chinese Manned Space Program and construction of Tiangong Space Station. Long March 5B is 53.66 m tall with 1 core stage, 4 boosters and a 20.5 m tall fairing. Long March 5B Y1 mission was launched on May 5, 2020 from Wenchang Spacecraft Launch Site launch pad 101 and successfully sent Next-generation Crewed Spacecraft and Flexible Inflatable Cargo Re-entry Vehicle to LEO.

Rocket part of the paper model is about 56 cm tall but includes no model of satellites.

Hope you will enjoy!

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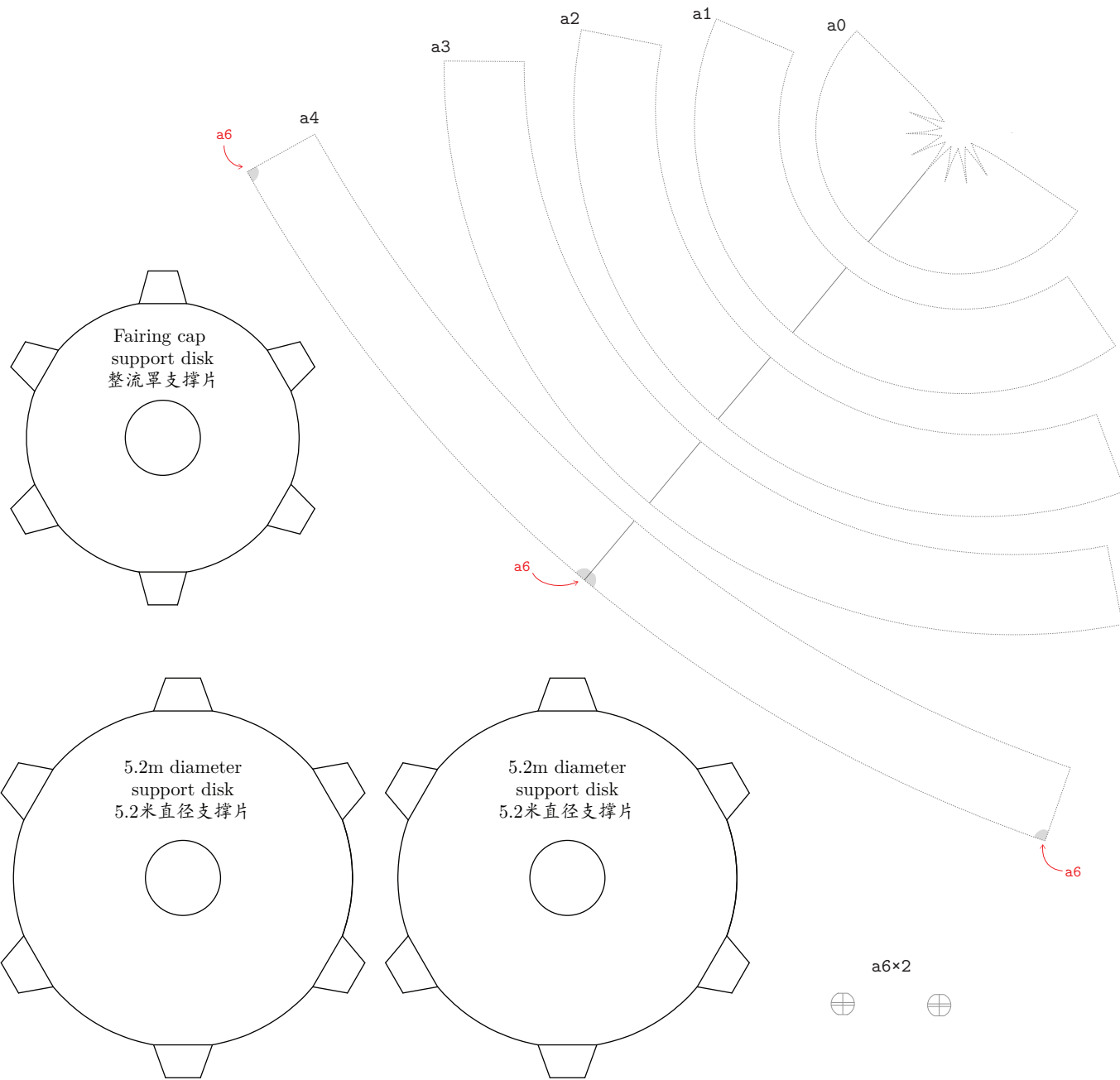
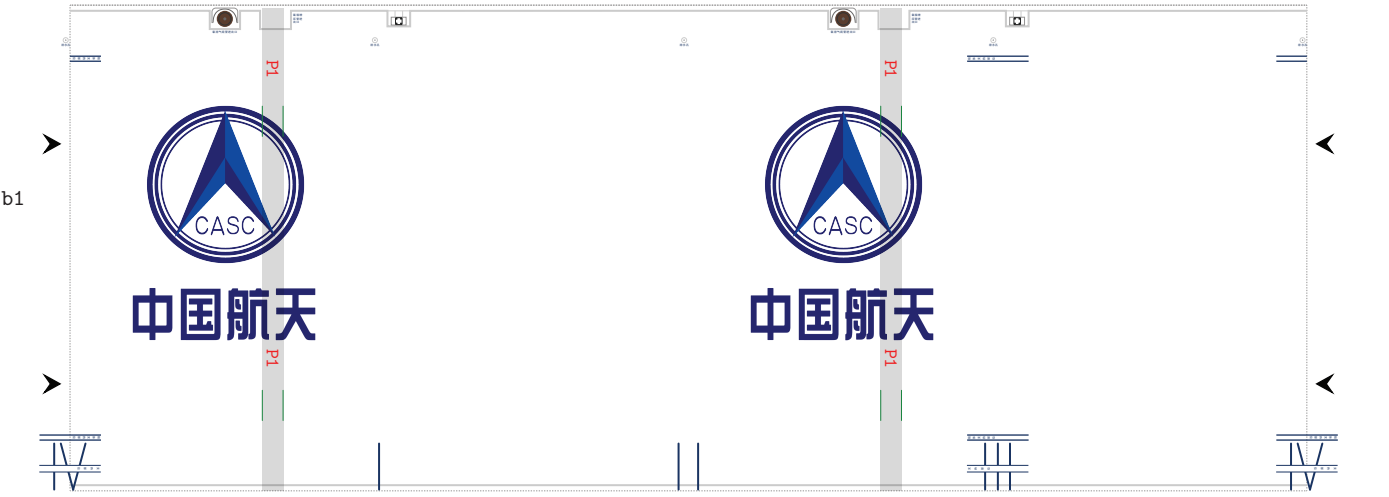
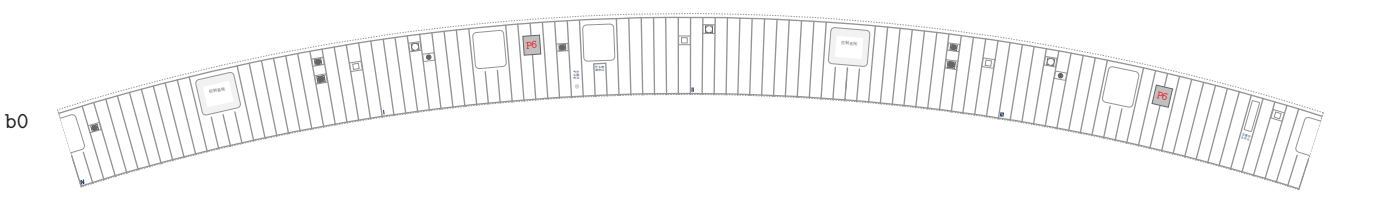
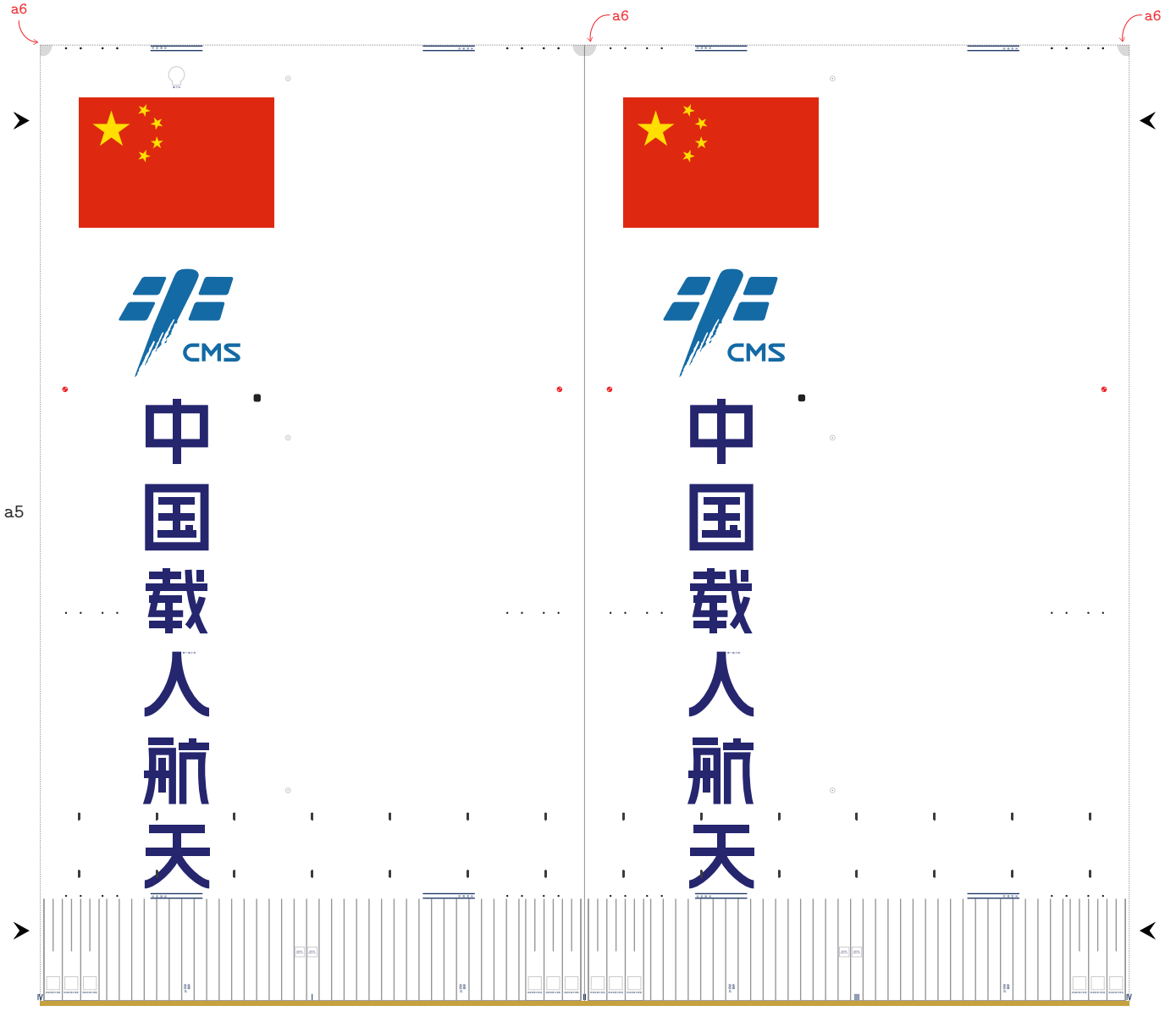
Special thanks to trail crafting by:  一颗罪恶的灵魂

Photo by courtesy of:

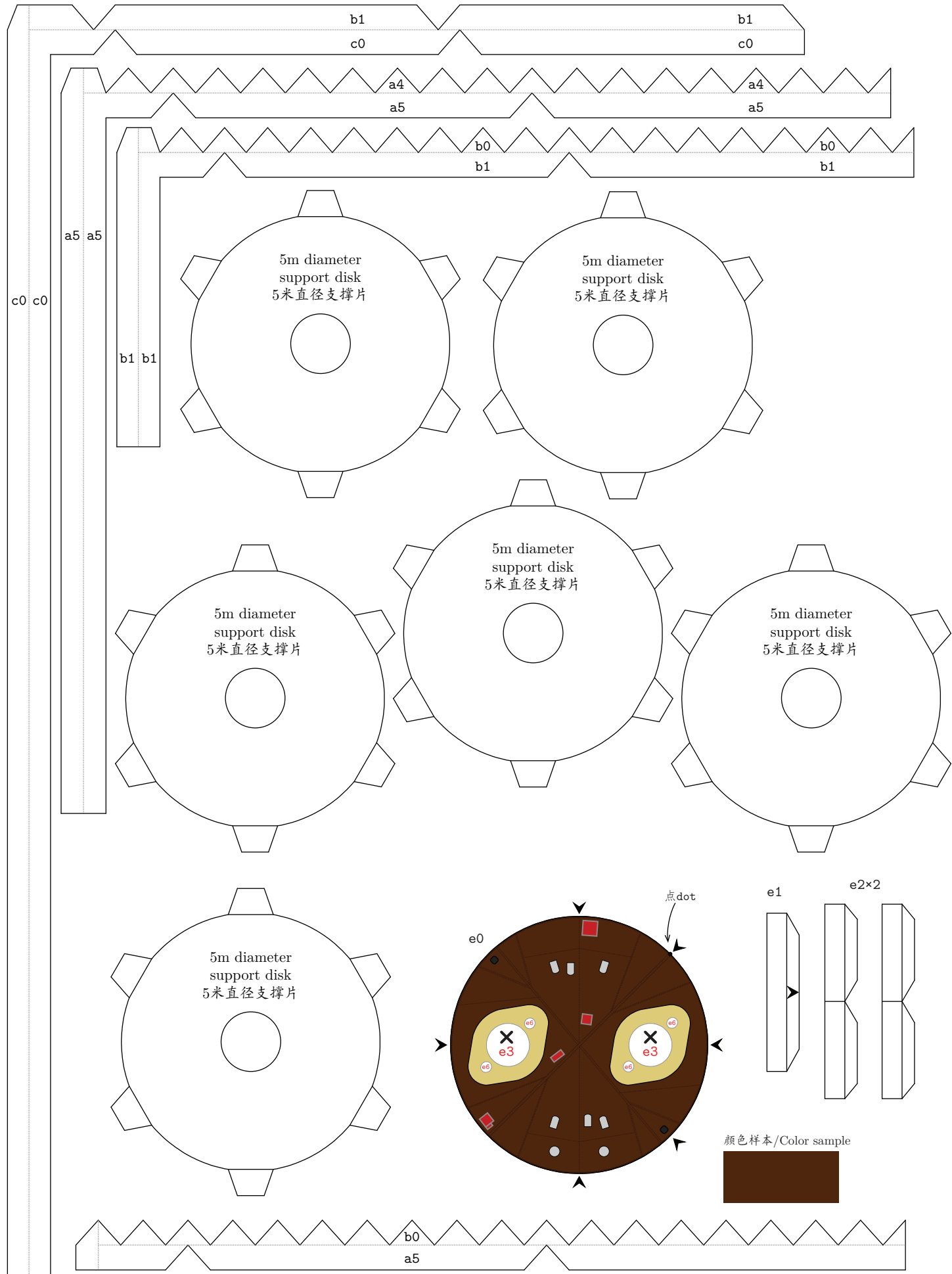


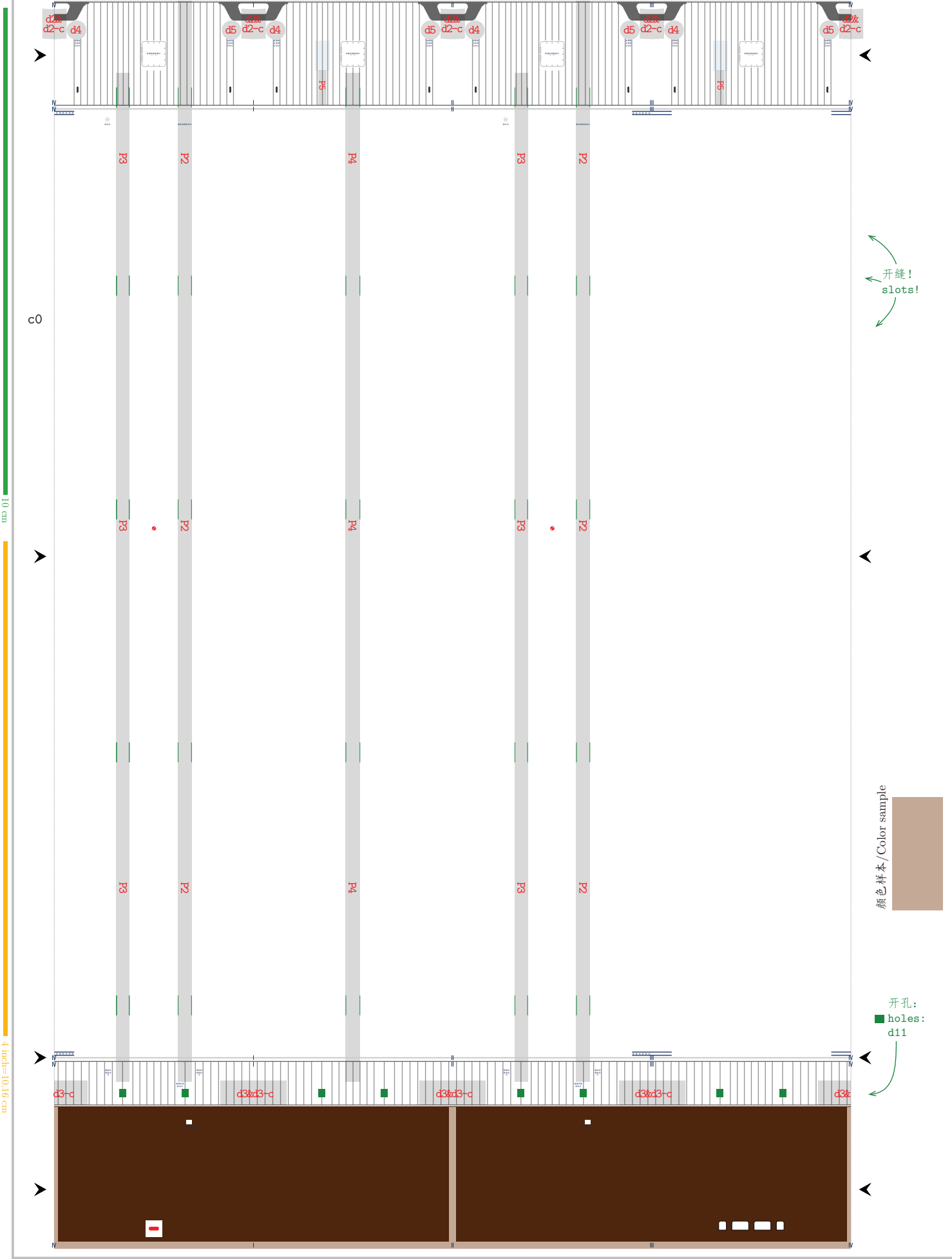


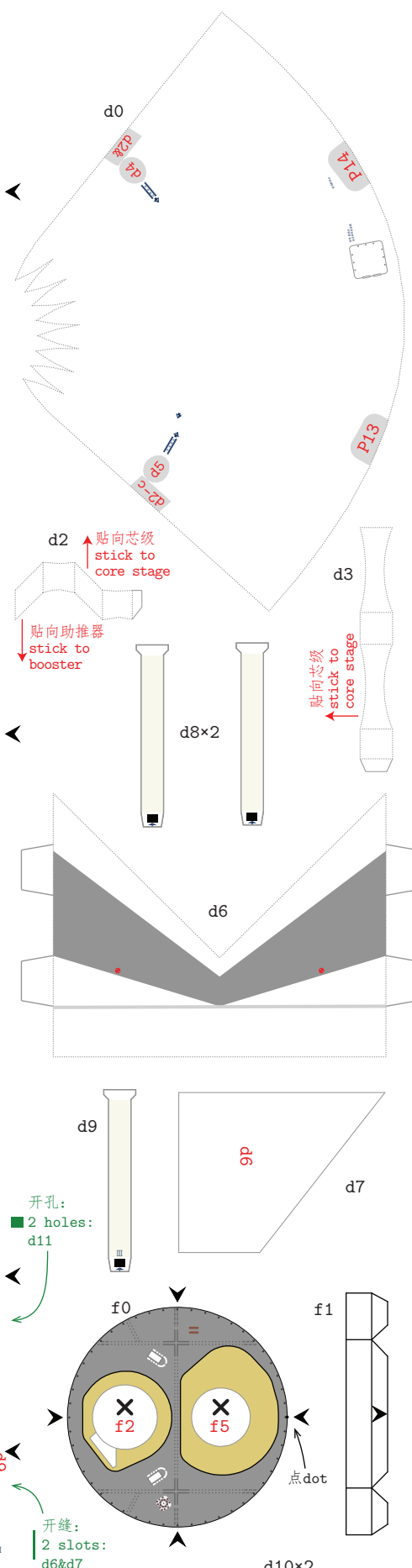
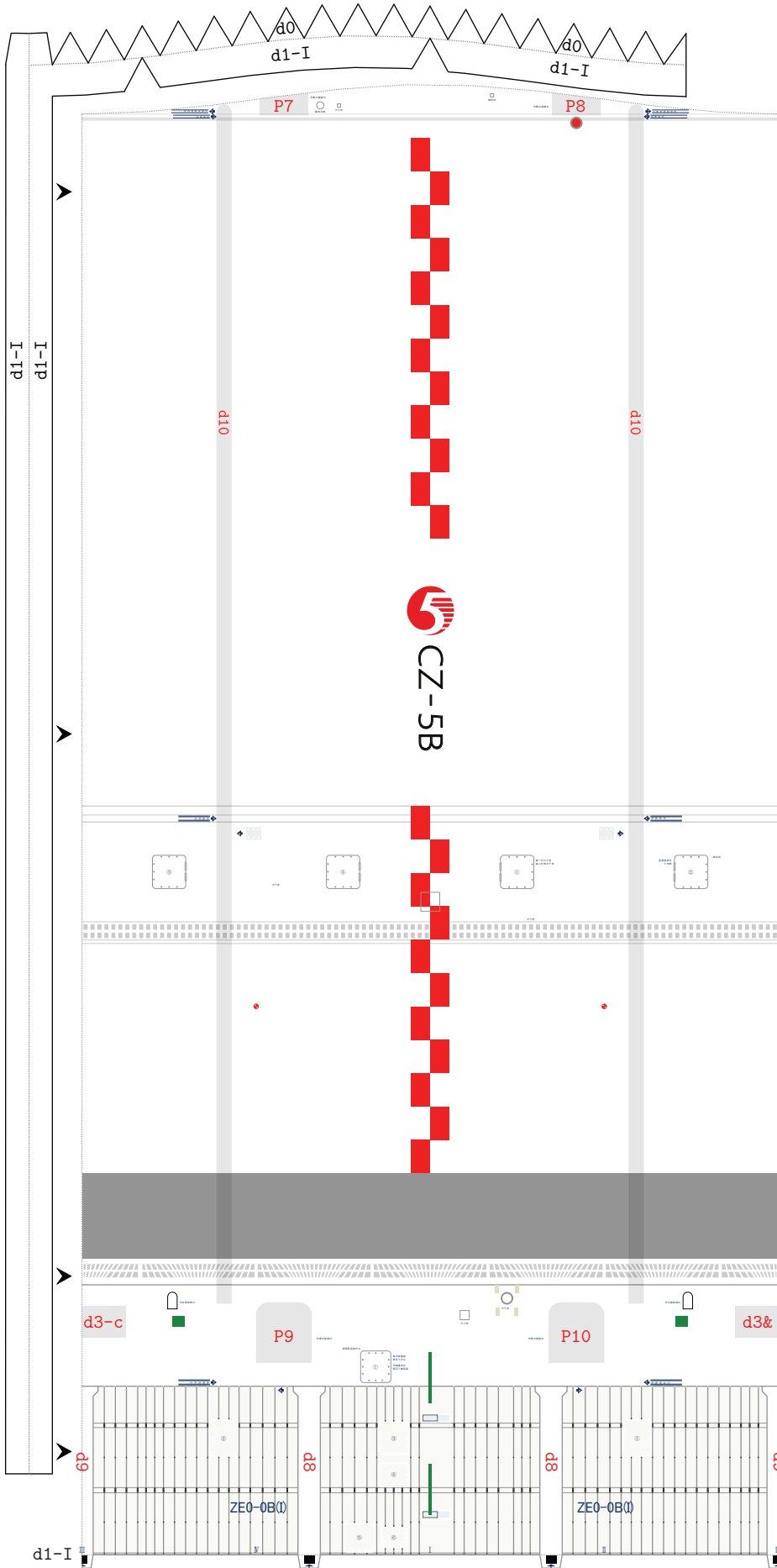
Fairing cylinder support strip 整流罩圆柱加强条
Fairing cylinder support strip 整流罩圆柱加强条
5m diameter support strip 5米直径圆柱加强条
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10 cm
4 inch=10.16 cm

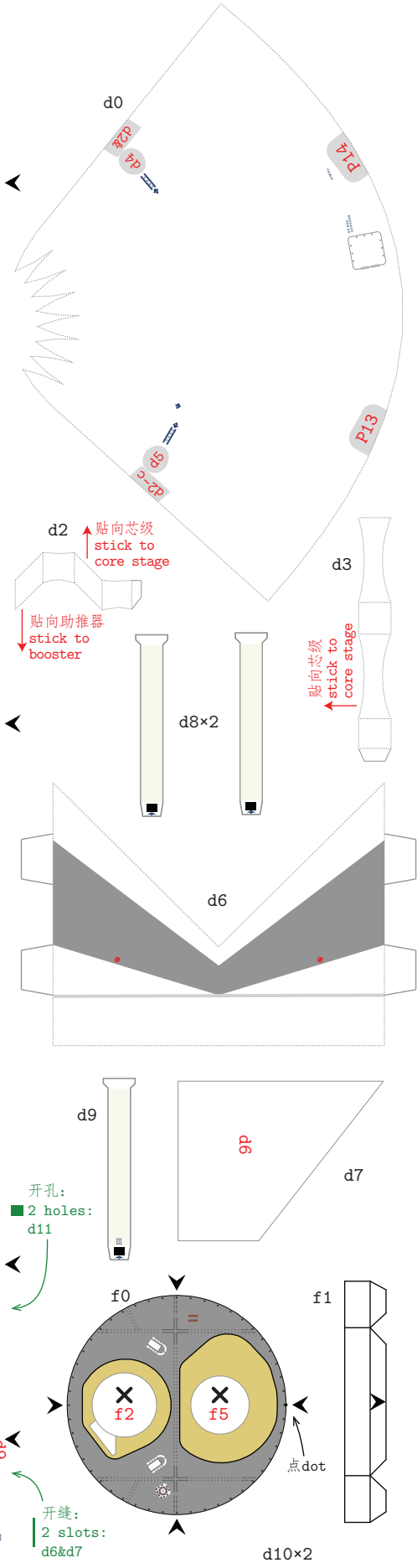
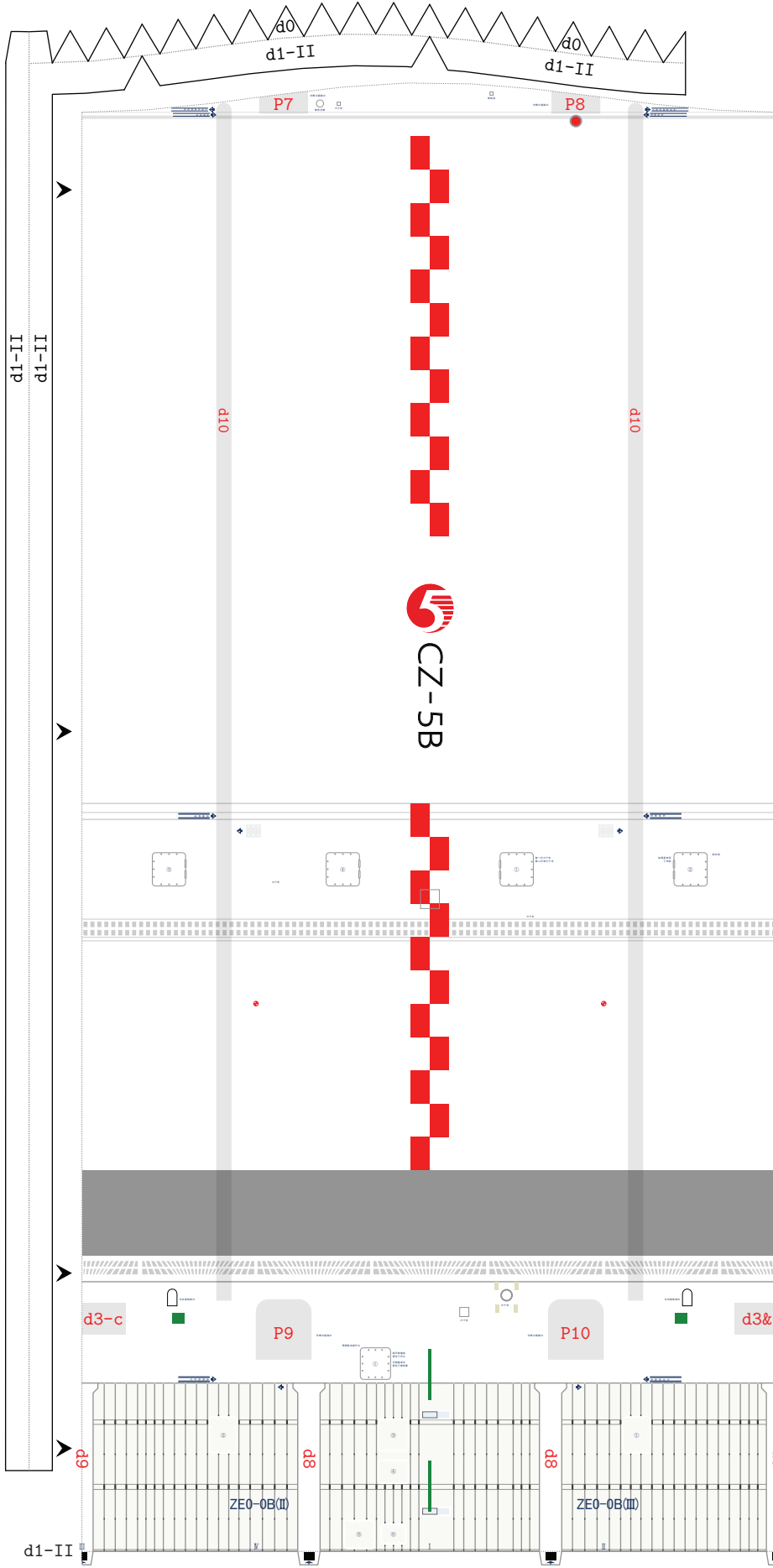




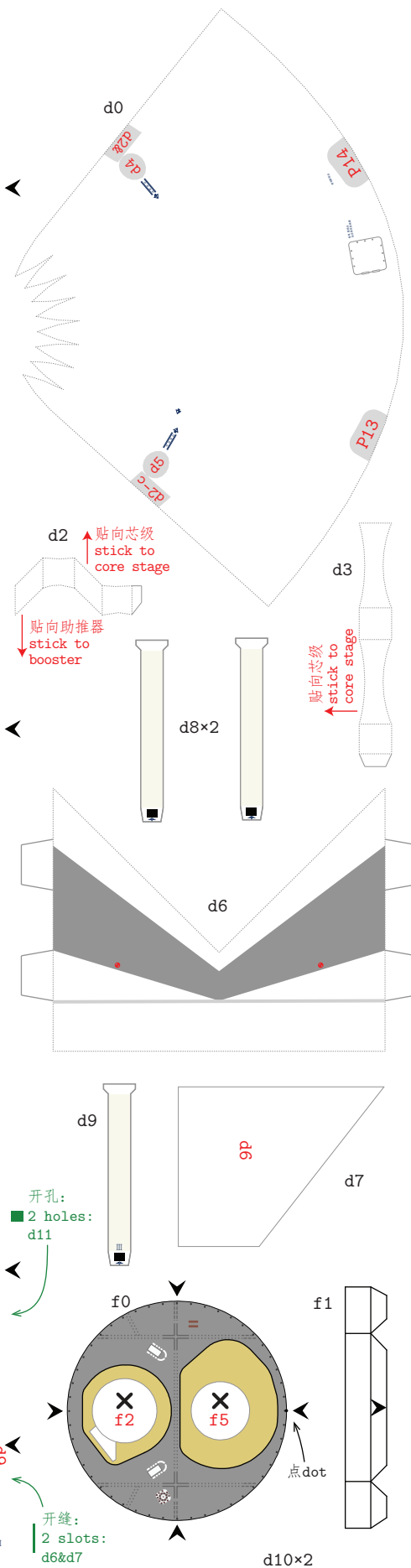
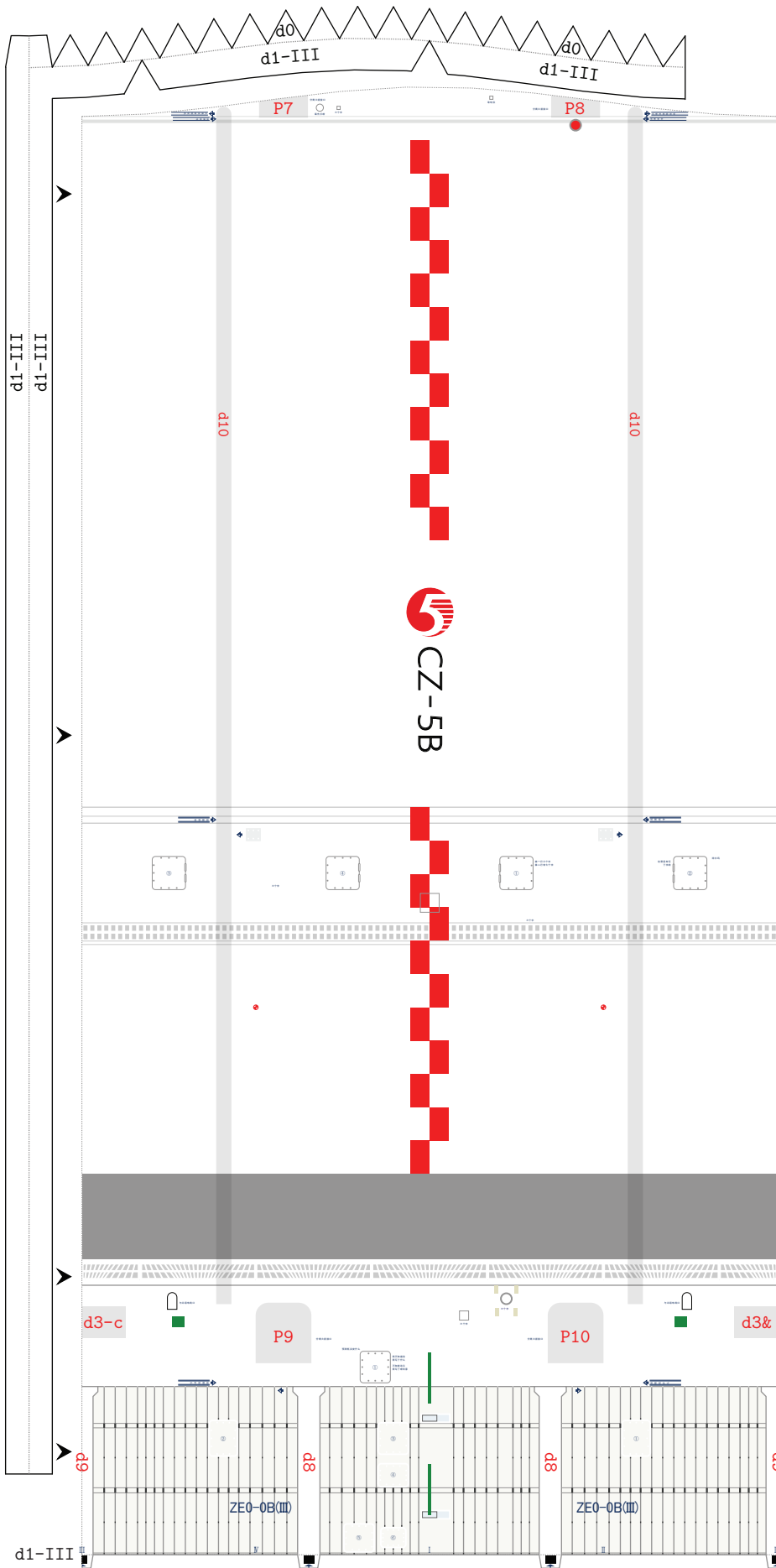


10 cm

4 inch=10.16 cm

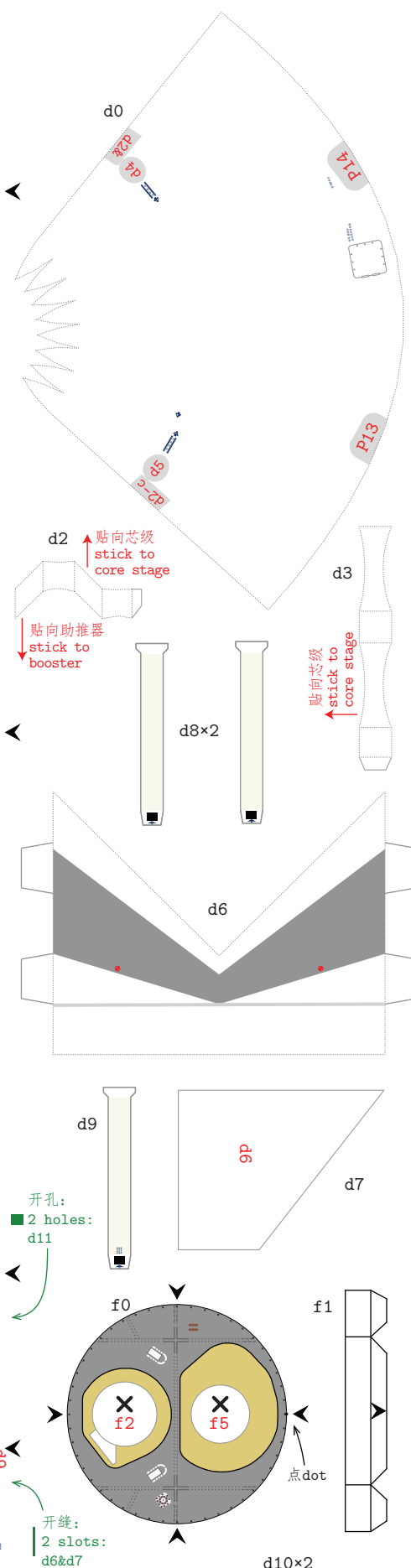
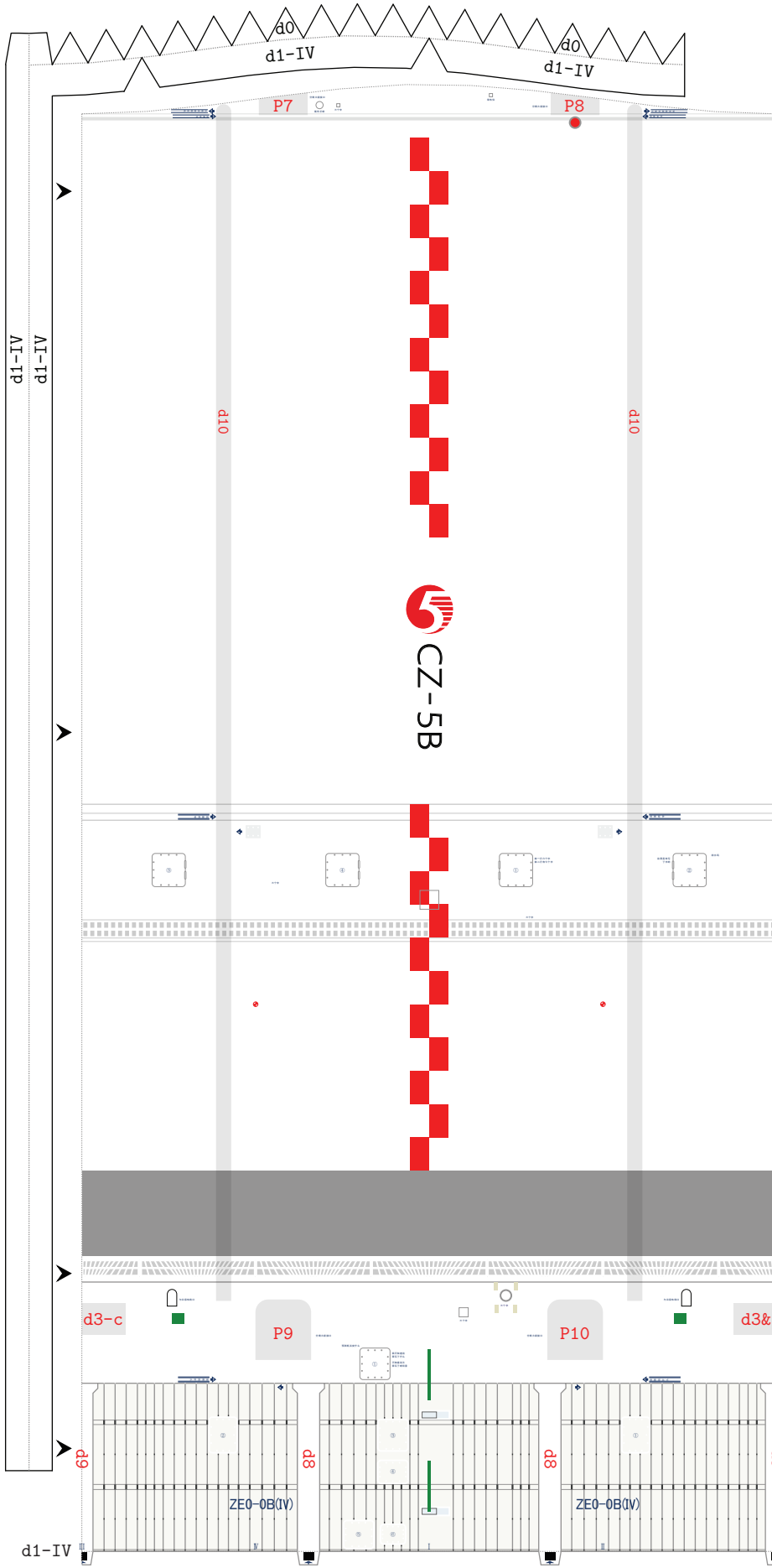


10 cm
4 inch=10.16 cm

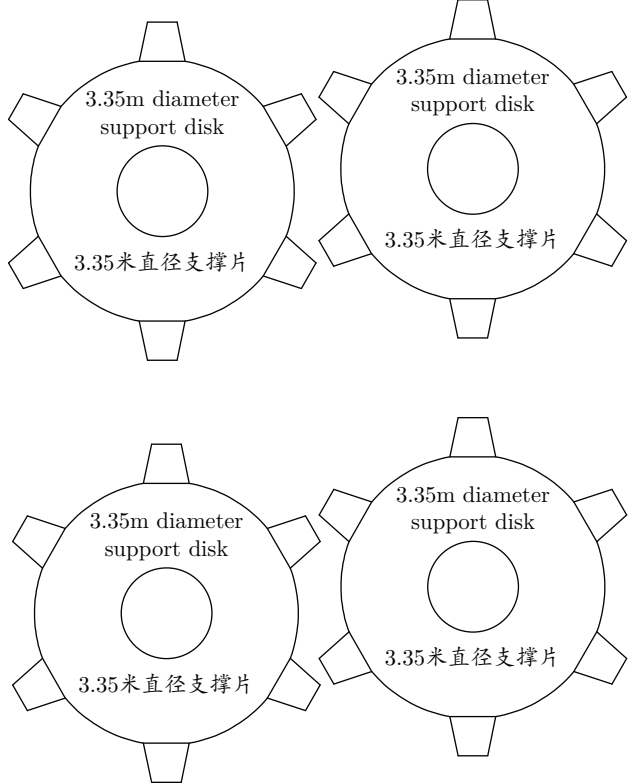
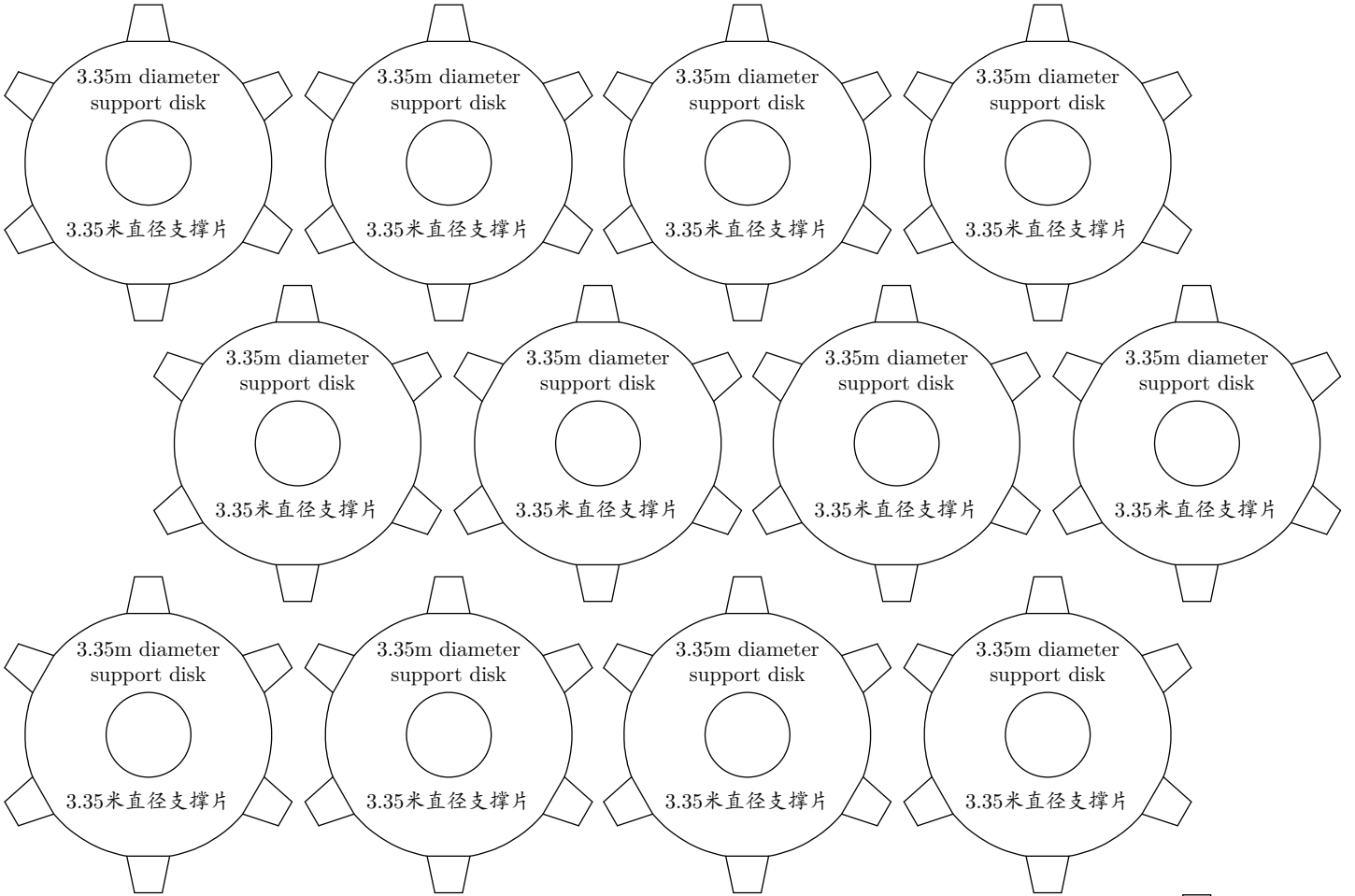


10 cm

4 inch=10.16 cm



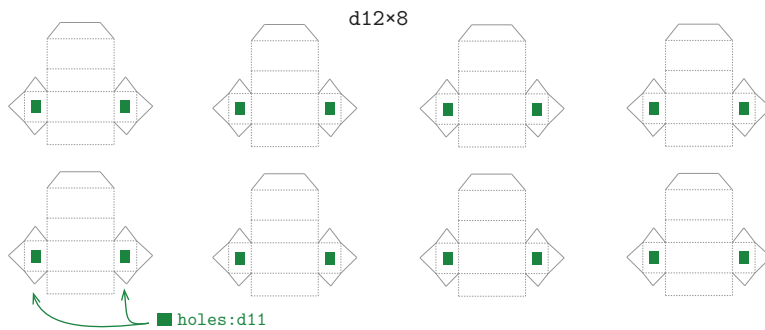
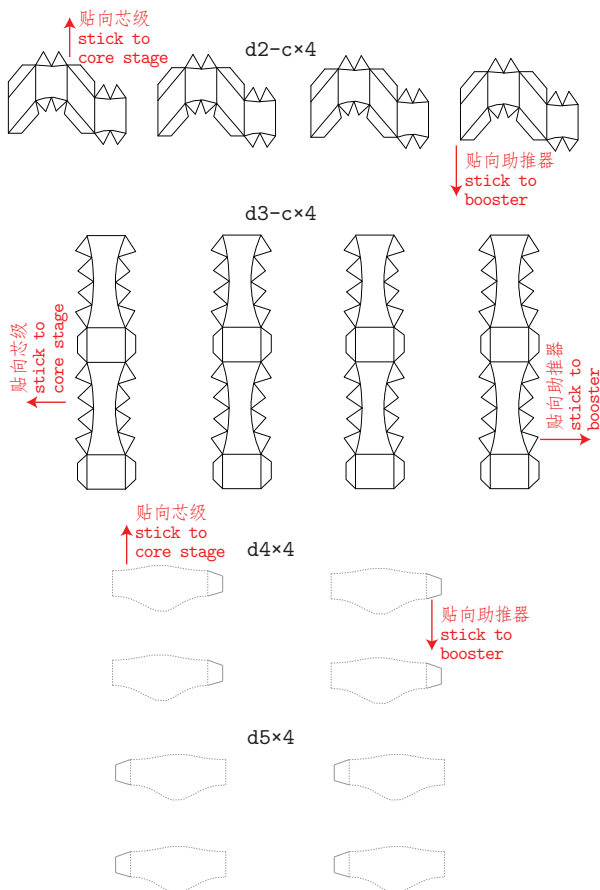
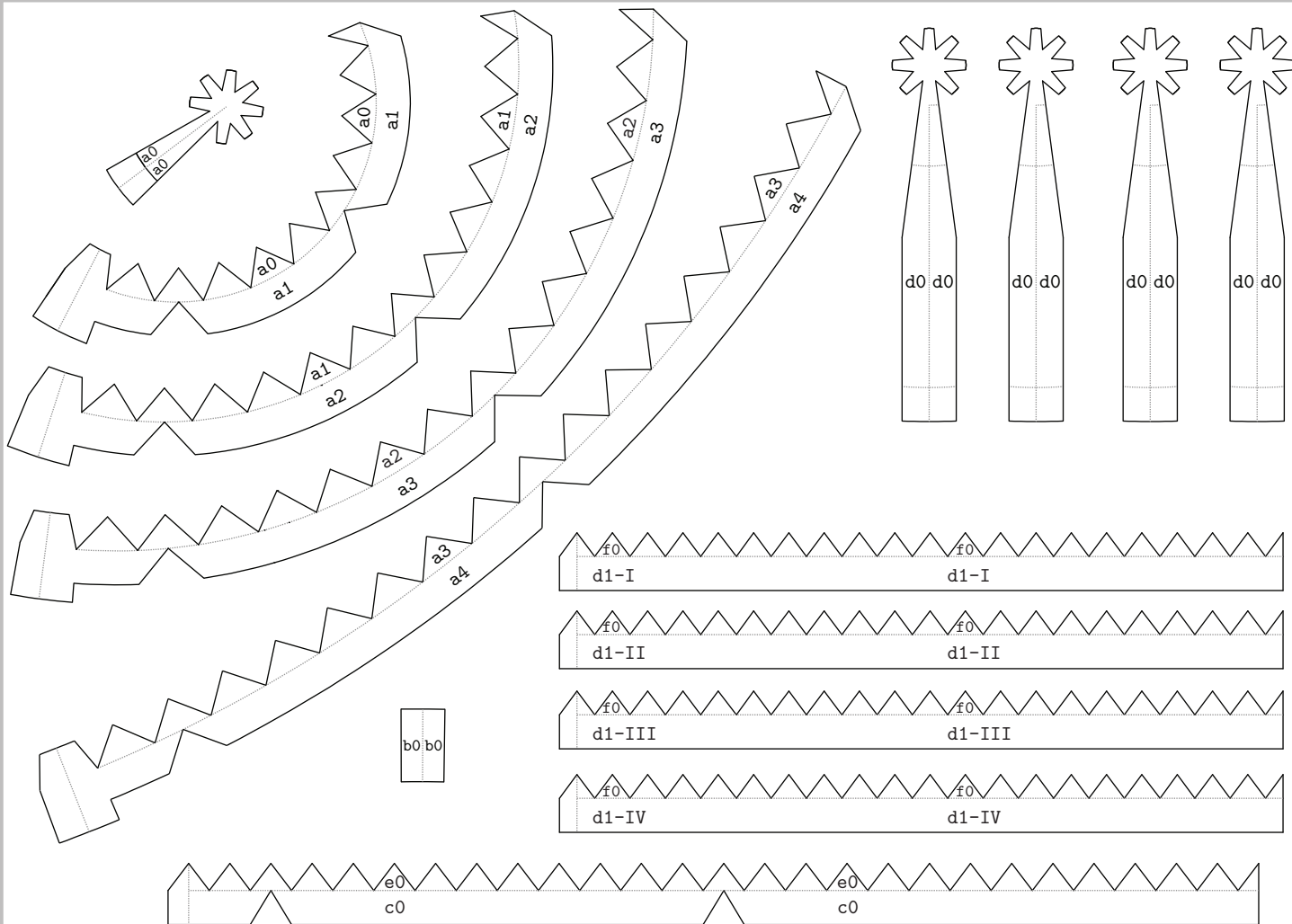
10 cm
4 inch=10.16 cm



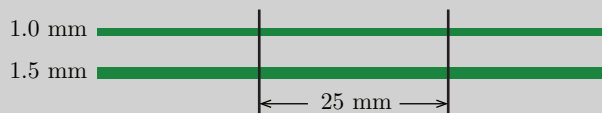
3.35m diameter support strip 3.35米直径圆柱加强条
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10 cm

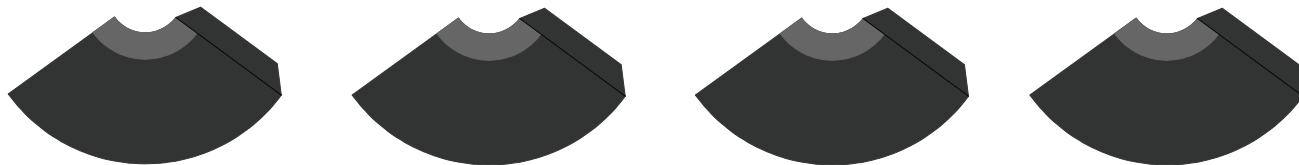
4 inch=10.16 cm



d11×8: 你需要将牙签削成25×1×1.5 mm的木棒并涂黑。
You need to trim toothpicks to 25×1×1.5 mm(L×W×H) sticks and color them black.



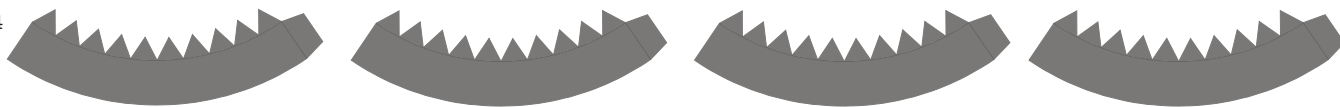
f4×4



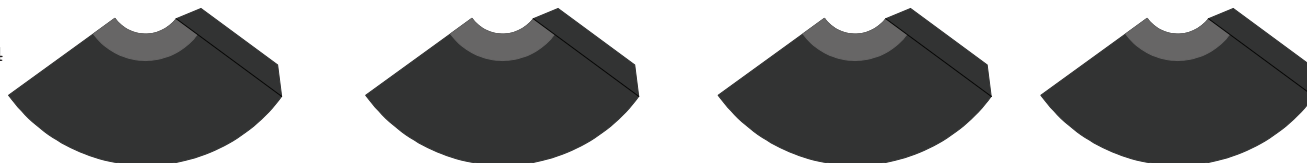
f2×4



f3×4



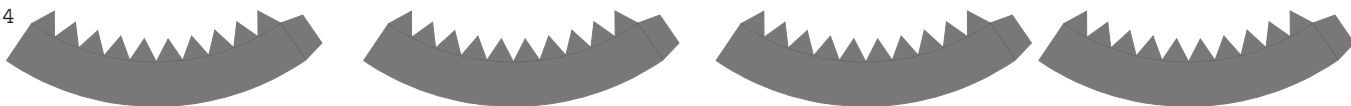
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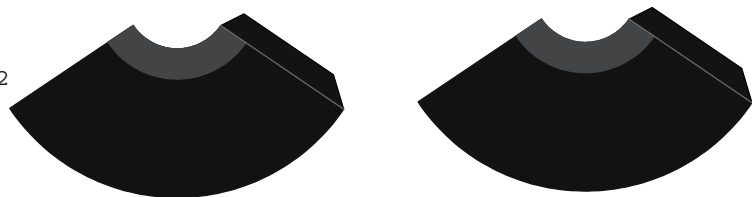
f5×4



f6×4



e5×2



颜色样本/Color sample



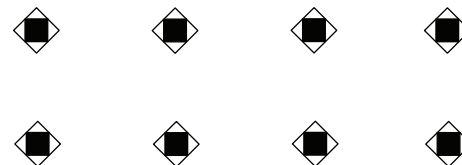
颜色样本/Color sample



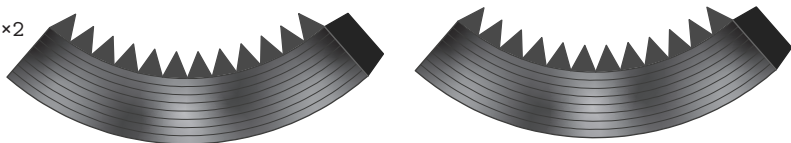
e3×2



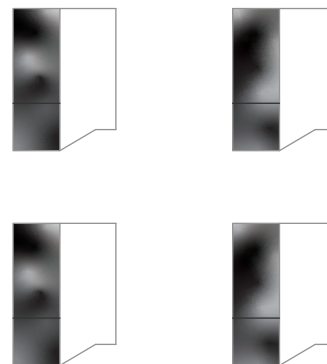
f8×8



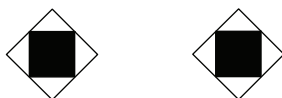
e4×2



e6×4

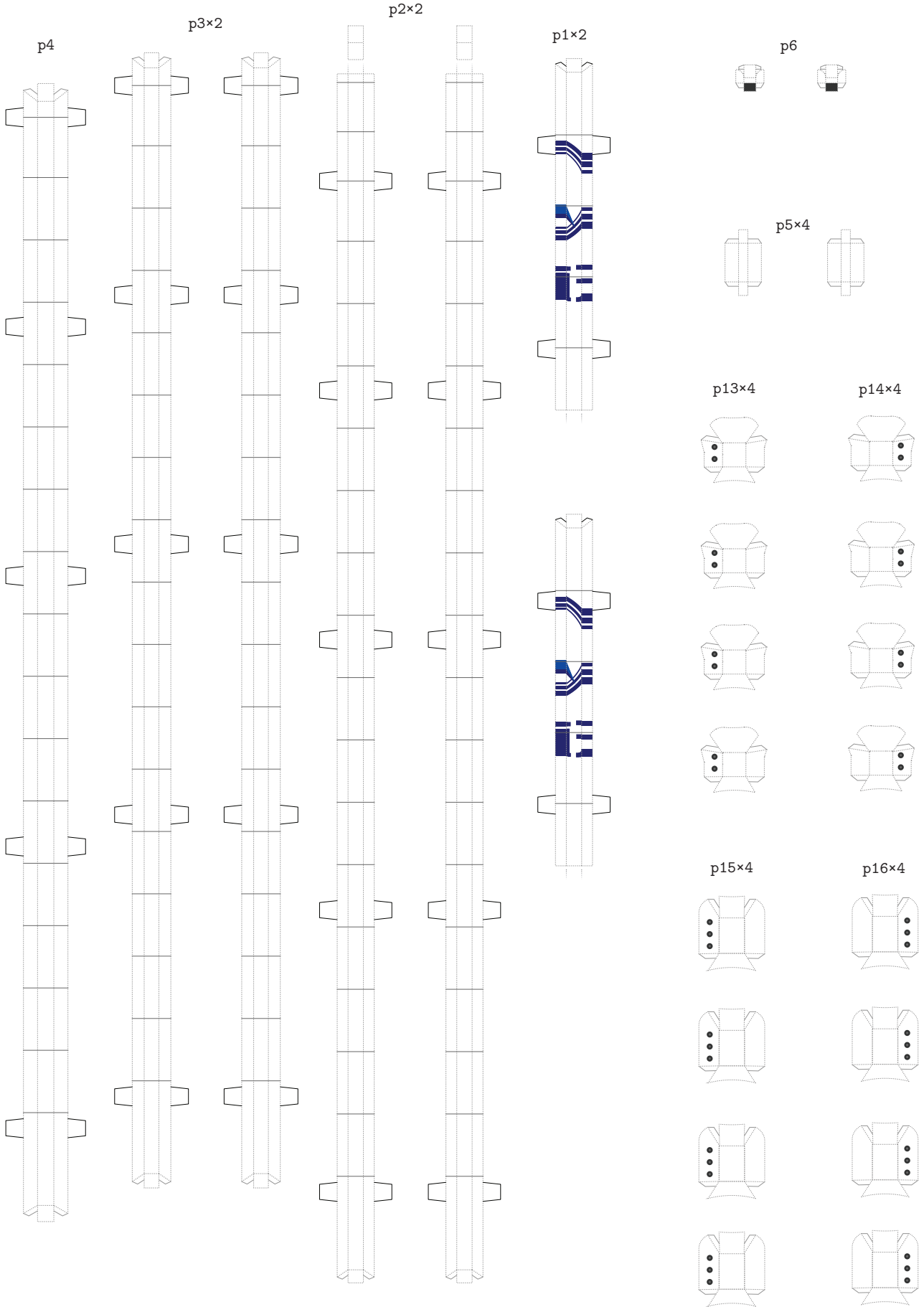


e7×2



10 cm

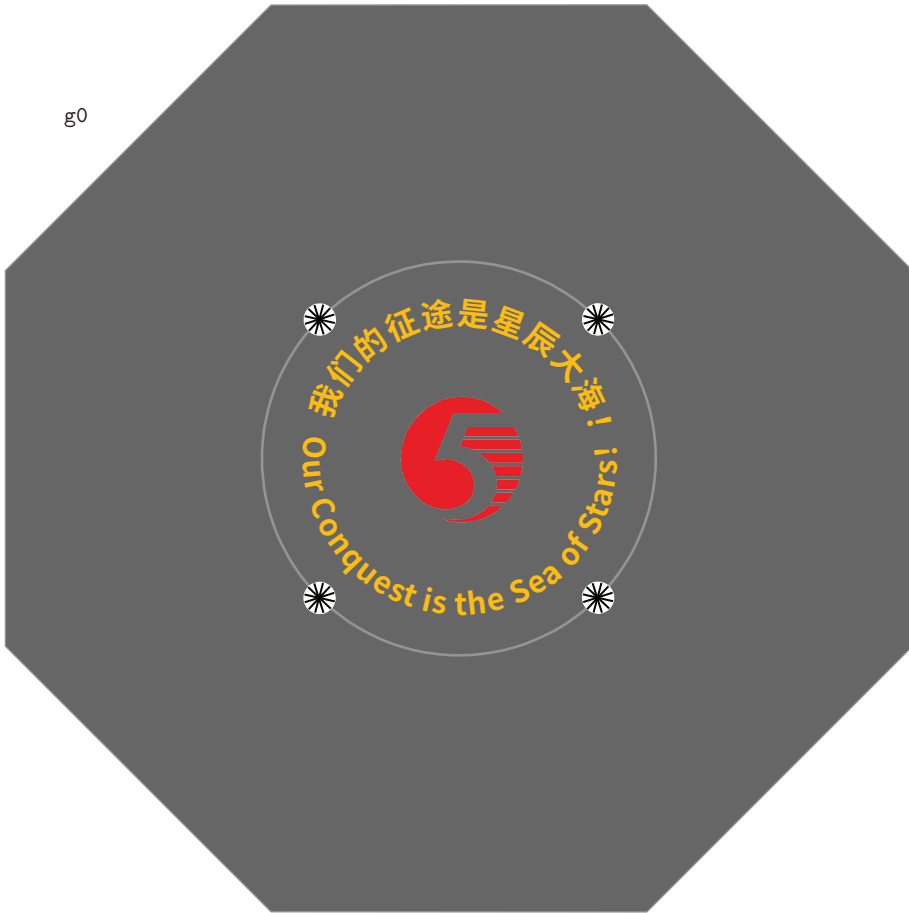
4 inch=10.16 cm



10 cm

4 inch=10.16 cm

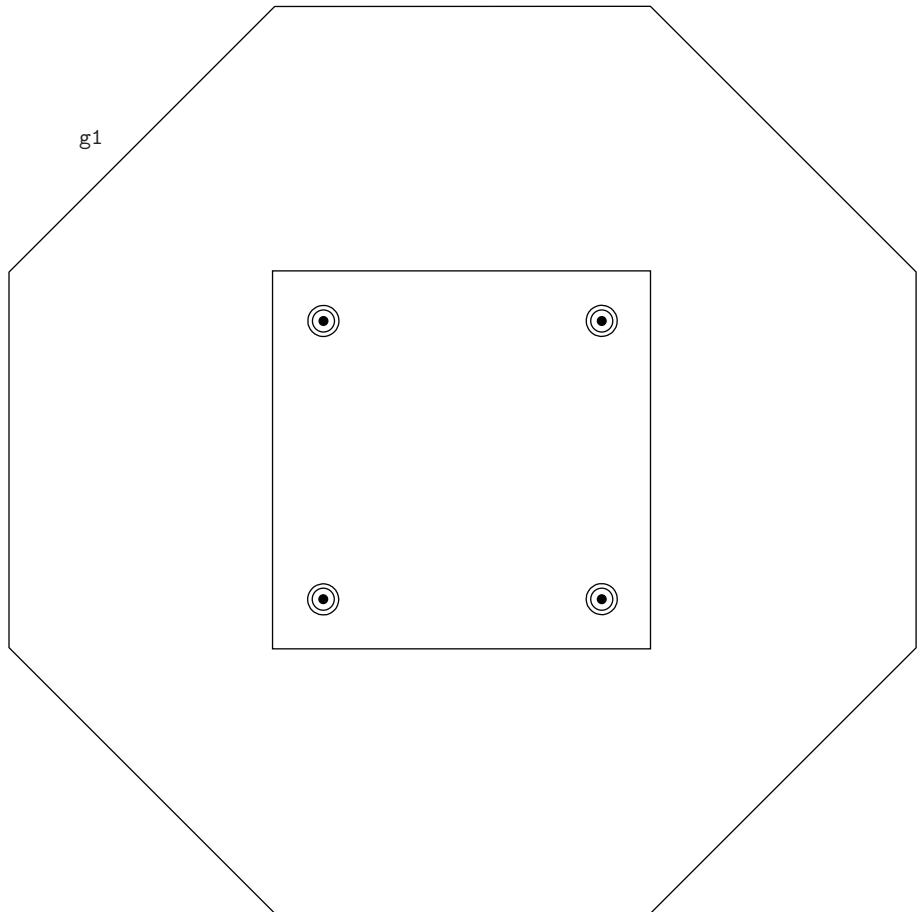
g0



颜色样本/Color sample



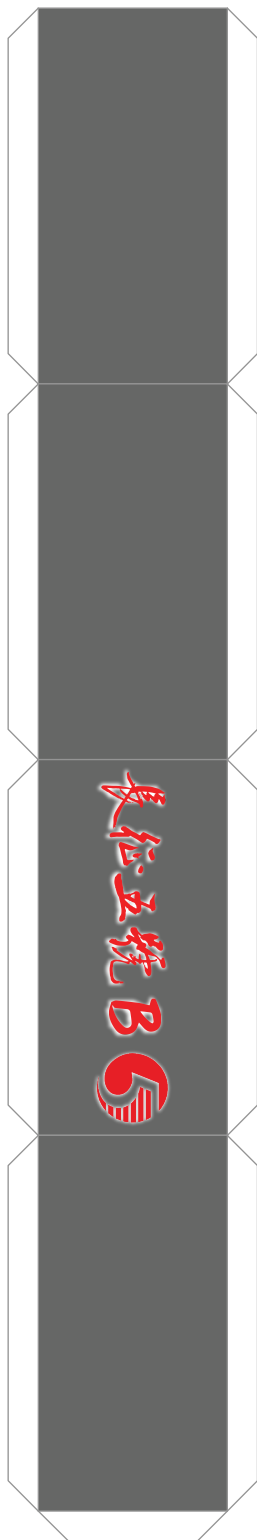
g1



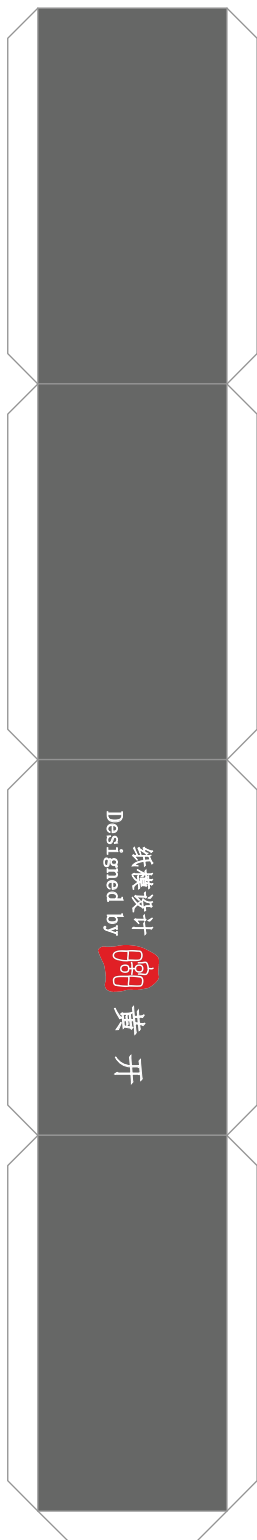
10 cm

4 inch=10.16 cm

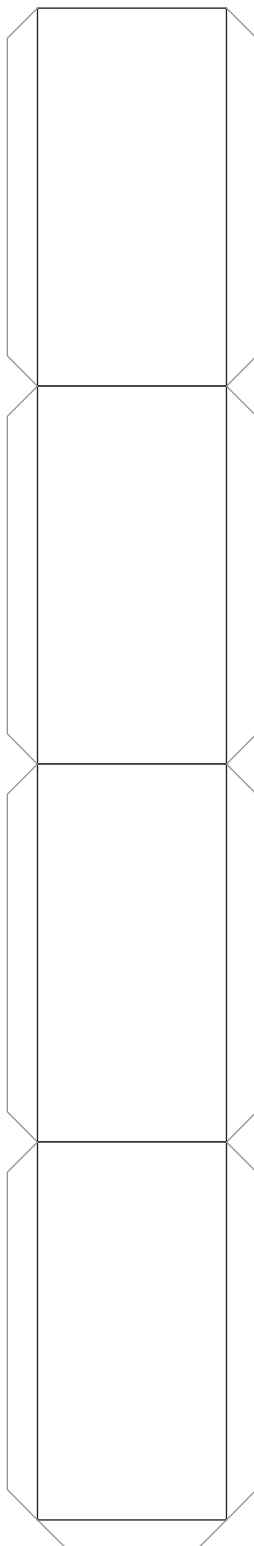
g2



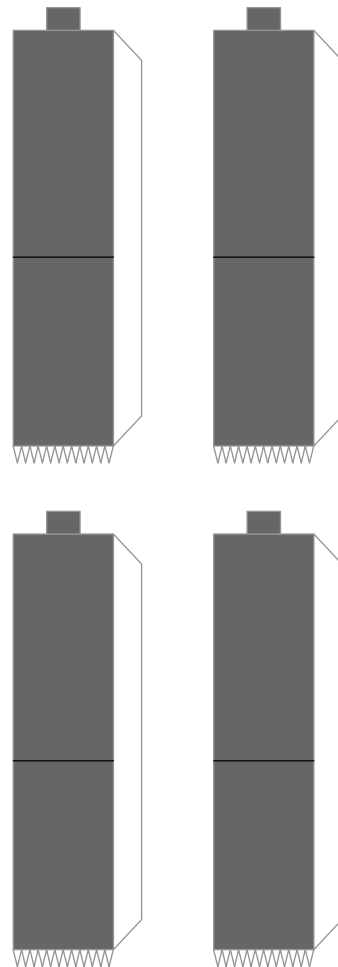
g3



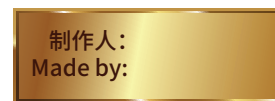
g4



g5×4



g6



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本纸模设计的受众年龄应为 15 岁及以上 (大约高中及以上)。部分裁剪出的零件微小有吸入风险，制作时需要大量用到刻刀亦有划伤风险。设计者无法为纸模制作中各种可能的意外负责，故希望制作者制作时小心谨慎，并注意让半成品、制作工具远离儿童及其它与模型制作无关的人员。

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Rocket data used in this work are collected from official media and photos people took legally during rocket's transporting and flying. Data from measuring photos are lack in accuracy and designer can only guess the rocket structure if some parts of rocket don't show in any pictures. Therefore, the author will not take any responsibility for the rocket data they use.

The paper model is suitable for 15-year-old and up. Precise craft knives used, and small parts made during crafting should cause safety awareness. The author is not responsible for accidents during model crafting and hope model makers could take care and keep their working areas away from irrelevant people.

打印说明（详细）

与此说明配套的所有文档用纸均为“美国信纸”8.5×11英寸,或215.9×279.4毫米,是北美地区最常用的纸张尺寸。非北美地区,常用A4纸的人请前往下载本纸模的A4版本。

本纸模需要使用两种厚度纸张:页码标注2-10,14-15页使用约200 gsm(110磅)的白卡纸打印;页码标注11-13页使用约75 gsm的最普通多用复印纸打印。一般家用喷墨打印机都可以胜任两种纸张的打印。若条件允许,可以使用彩色激光打印以获得更好的效果。若无200 gsm白卡纸,可使用180 gsm等的白卡纸代替,但不要使用重于200 gsm的纸。

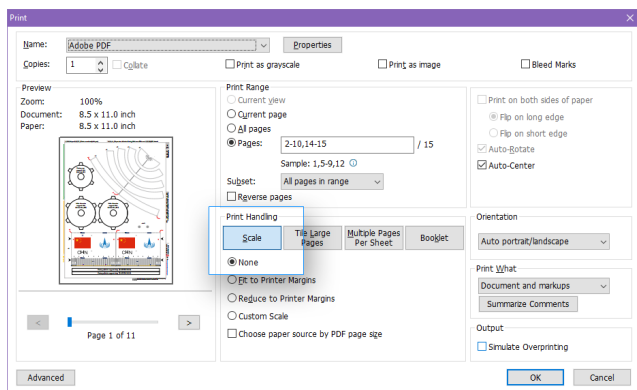
使用PDF阅读器打开文档调出打印窗口时,请注意一定要勾选“禁止缩放”(不要选择“缩放至打印区域”)。常用PDF阅读器福昕、Adobe Acrobat Reader的打印选项示例见下图。最后,一般情况下建议在打印机设置中选择打印质量为“最高”以获得更好的效果。

Detailed Printing Instruction

All pages in this document are in the size of “US letter” 8.5×11 inch, or 215.9×279.4 mm. This size is mostly used in North America. People in place other than North America or use A4 should download the A4 version instead.

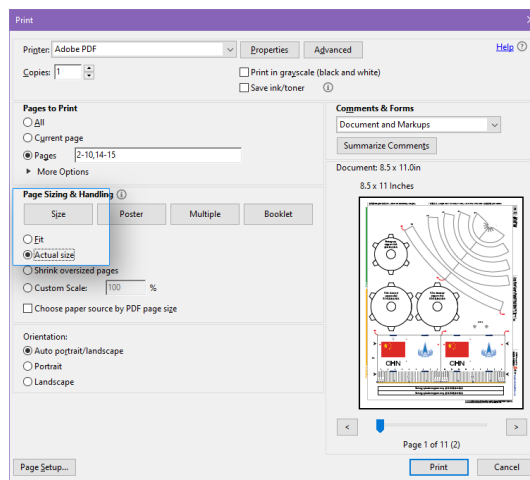
Paper in 2 thicknesses will be used in printing. Page 2-10,14-15 should be printed on 200 gsm(110 lb) cardstock, page 11-13 should be printed on 75 gsm common multipurpose paper. Common inkjet printers can handle both thicknesses. Color laser printers are recommended for better result if available. If 200 gsm cardstock is not available, paper around 180 gsm is a substitute, but do not use paper heavier than 200 gsm.

Please remember to choose “No scale” (rather than “Fit to printer margins”) in “print” window of PDF reader. Examples for two popular PDF reader Foxit and Adobe Acrobat Reader are shown below. Finally, choosing “High quality” in printer settings is recommended.



示例 1 / Example 1:

福昕打印设置/Foxit print window



示例 2 / Example 2:

Adobe Acrobat Reader 打印设置/print window