



Print on Cardstock (90 lbs)

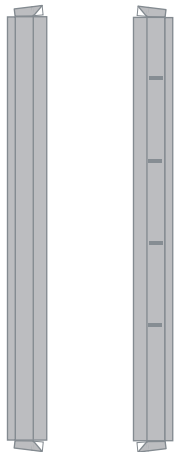
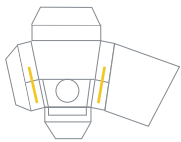
Rev.6/11

"Kibo" Lab Space Station Version

1:100 Scale

1 cm

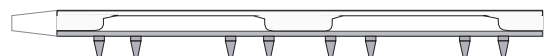
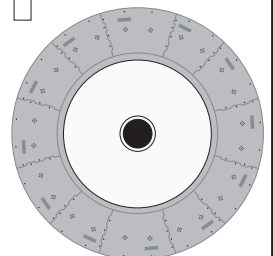
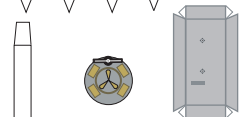
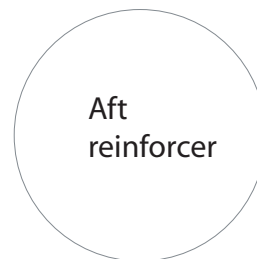
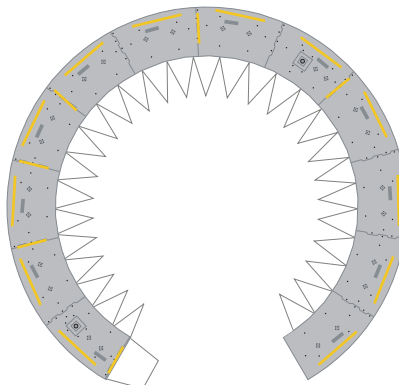
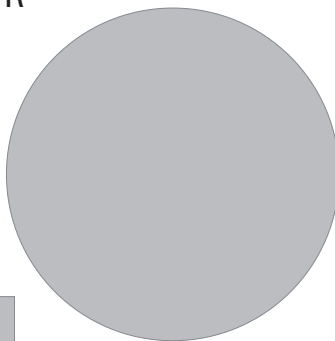
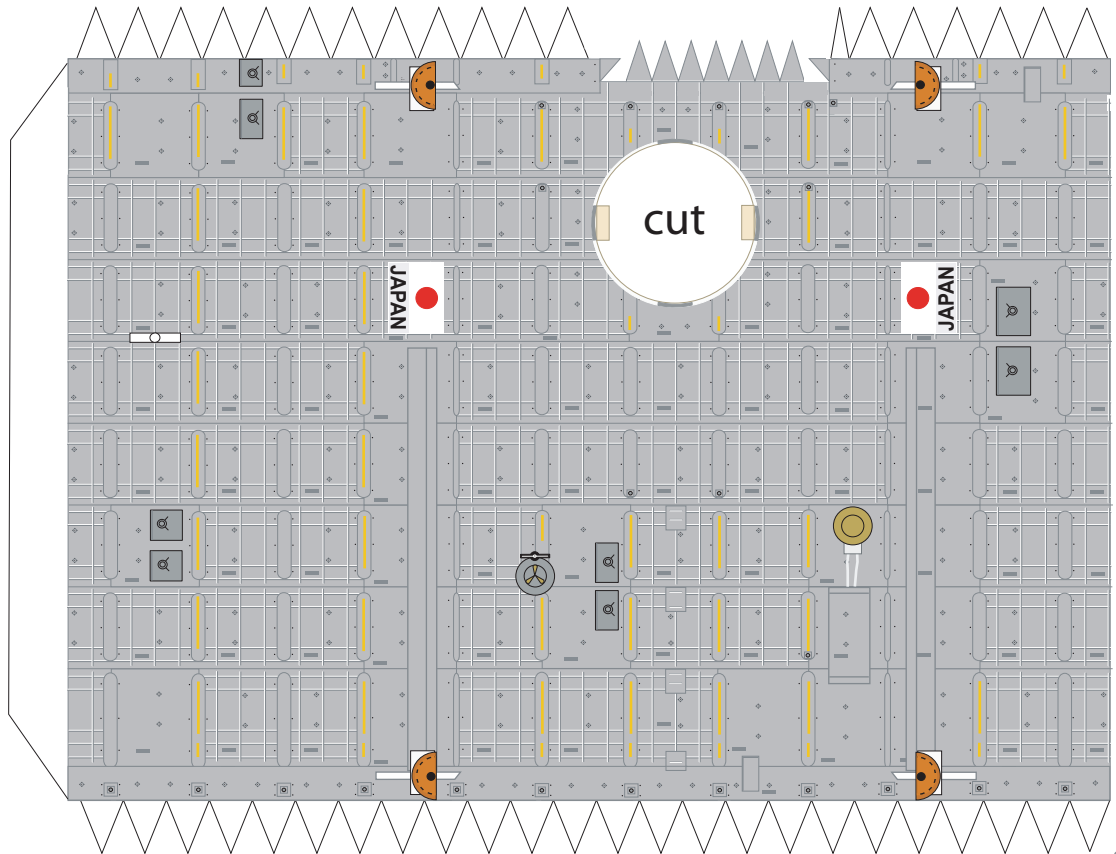
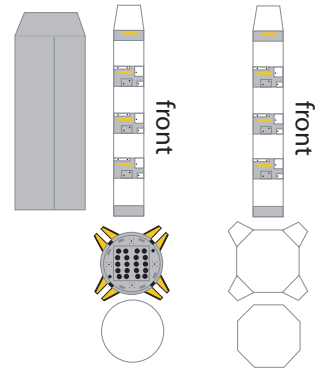
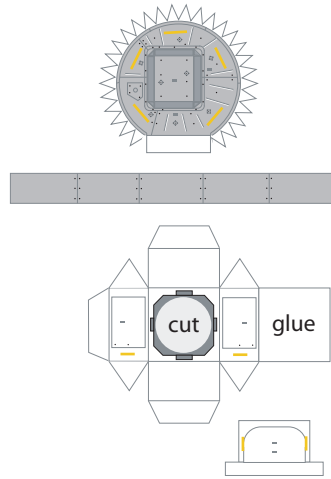
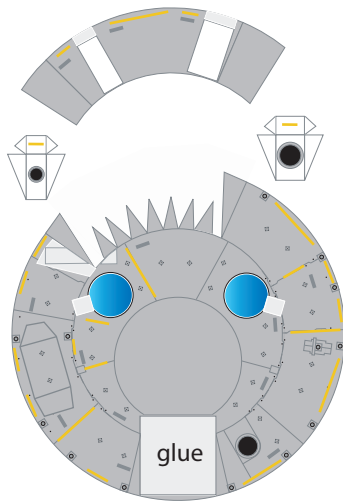
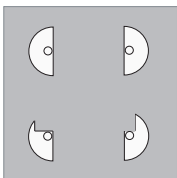
1 inch



L

R

Glue trunnion
pin covers





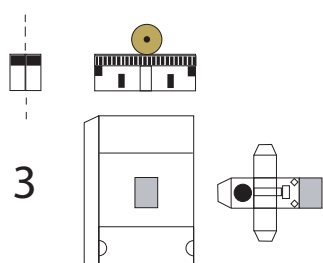
"Kibo" Remote Manipulator System

1:100 Scale

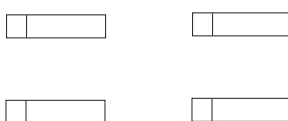
Use Cardstock for
these parts

90 lb (165 g/m²)

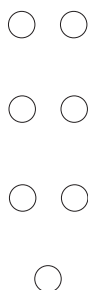
End Effector



Joint Rings



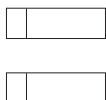
Stoppers



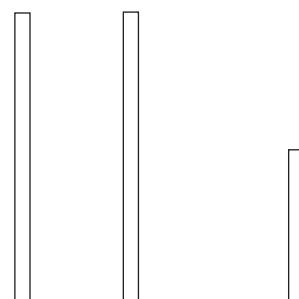
Top cylinder



Cylinders for joint between
part 2 and part 3 of main arm



Use cotton swab with
these dimensions
(2mm in diameter)



38 mm

20 mm

Optional: You can make the
arms with cottonswabs too.

Cover with paper until reaching a width of
4 mm in diameter for 1:100 scale.

Top cylinder



8 mm

Side (top)



4 mm

Cylinder that holds Arm part 3



5 mm



8 mm
(joint between
parts 1 and 2)



9 mm
Last joint



"Kibo" Remote Manipulator System

Assembly schematic for both 1:144 and 1:100 scales

