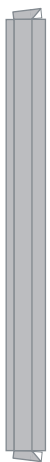
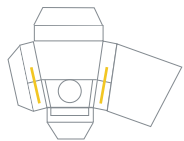




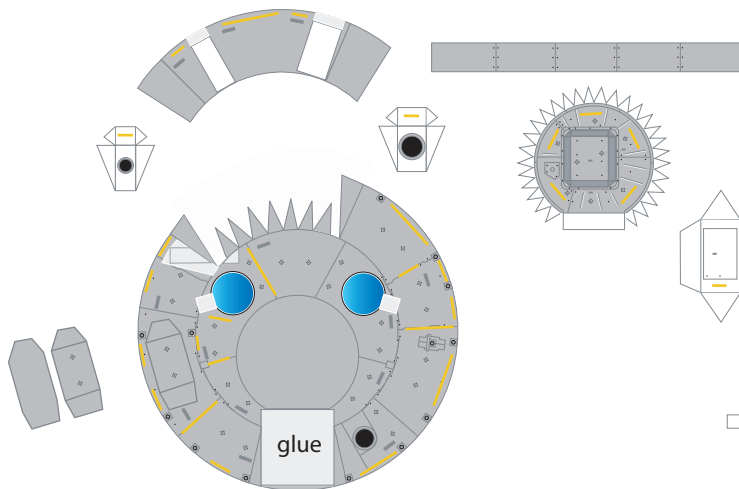
1:100 Scale



L



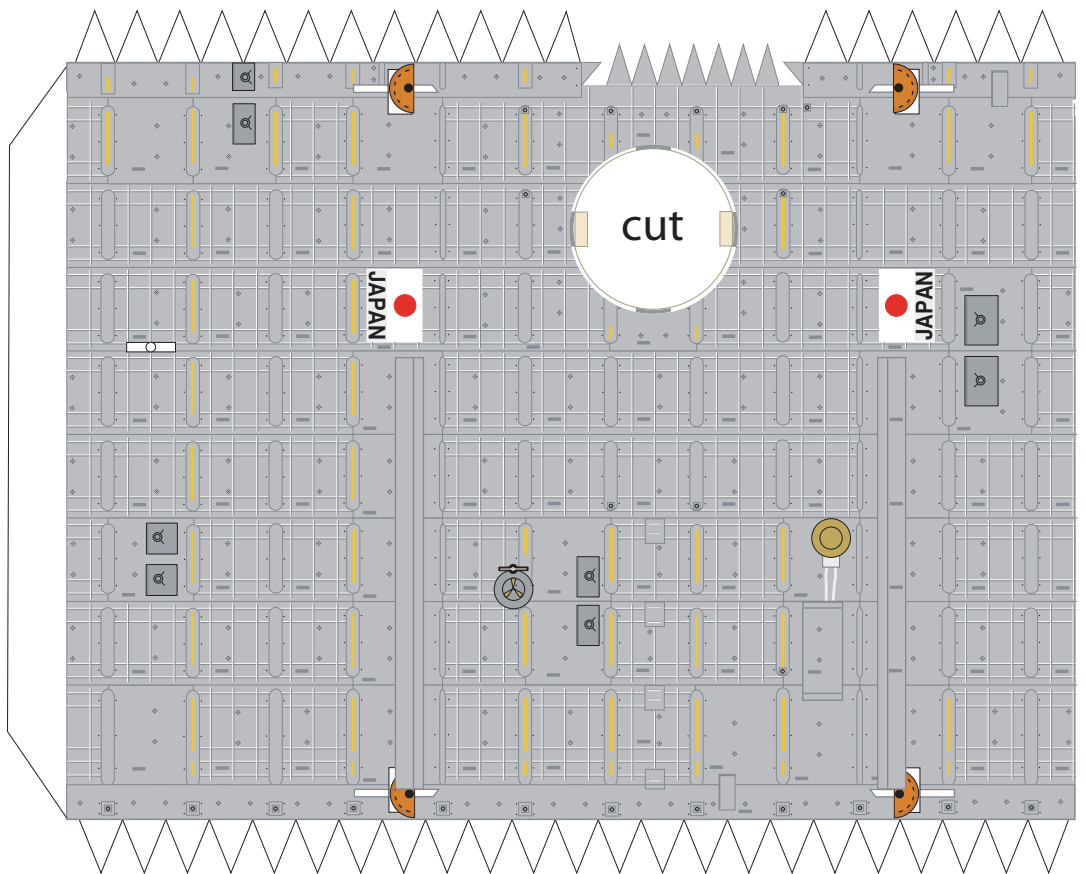
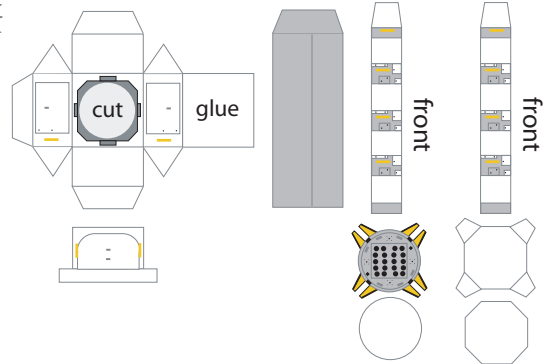
R



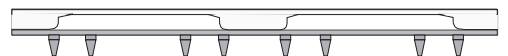
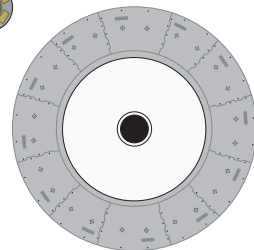
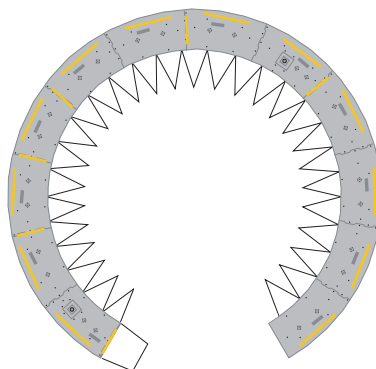
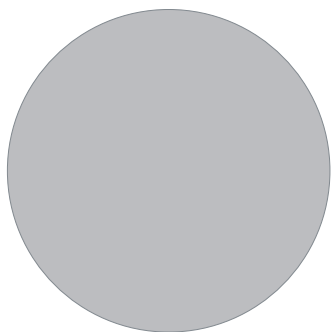
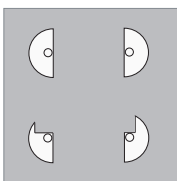
Print on Cardstock

"Kibo" Lab

Space Station Version



Glue trunnion
pin covers





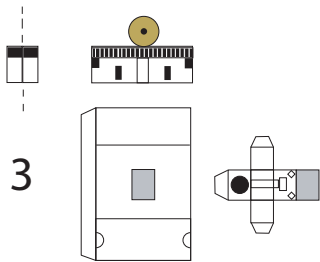
"Kibo" Remote Manipulator System

1:100 Scale

Use Cardstock for these parts

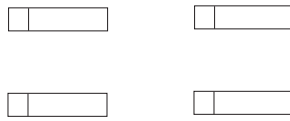
90 lb (165 g/m²)

End Effector



3

Joint Rings



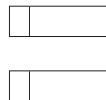
Stoppers



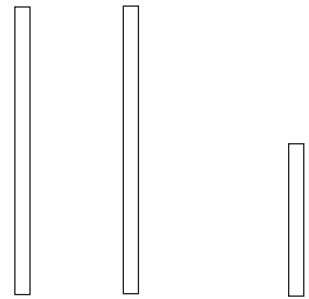
Top cylinder



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

