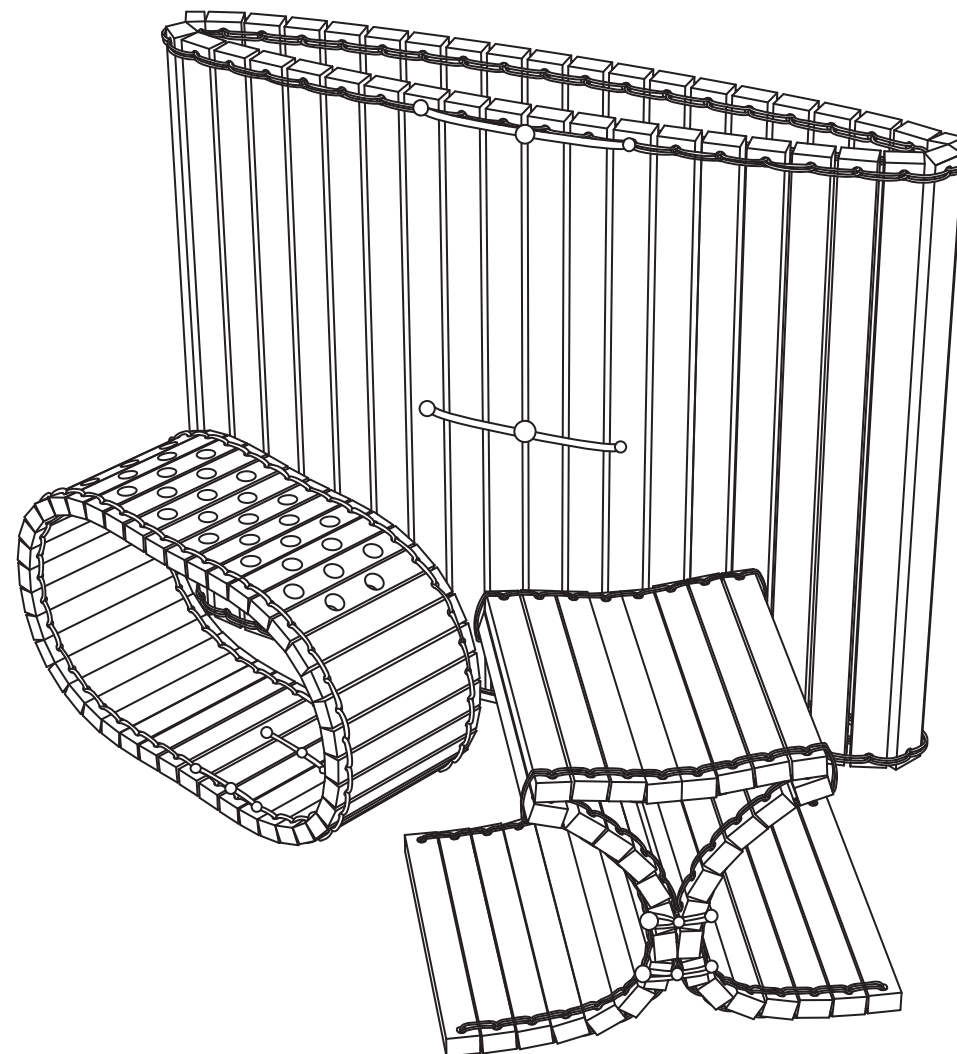


D OpenDesign

Raft

designer LIN QIUTONG
LIU XIAOHUI

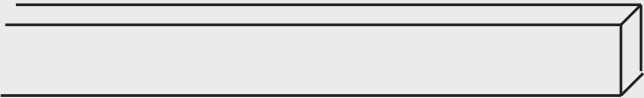
product STATIONERY



update 2016/11/26

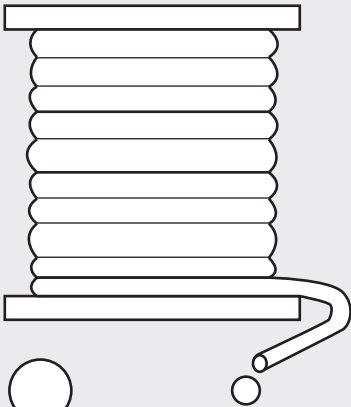
Guangdong University of Technology
Opendedesign Workshop

MATERIALS



- 280x15x10mm 40pieces
- 100x15x10mm 42pieces
- 150x15x10mm 36pieces

Bamboo Strap



- $\Phi 2.5 \times 200\text{mm}$ 24pieces
- $\Phi 1 \times 3000\text{mm}$ 8pieces

Chinese Knot Line



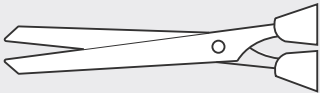
- $\Phi 1.5 \times 6\text{mm}$ 10pieces

Magnet

TOOLS:



Electrodrill
 $\Phi 3 / 4 / 6 / 10 \text{ mm}$



Scissors



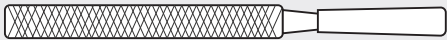
Adhesive



Saw



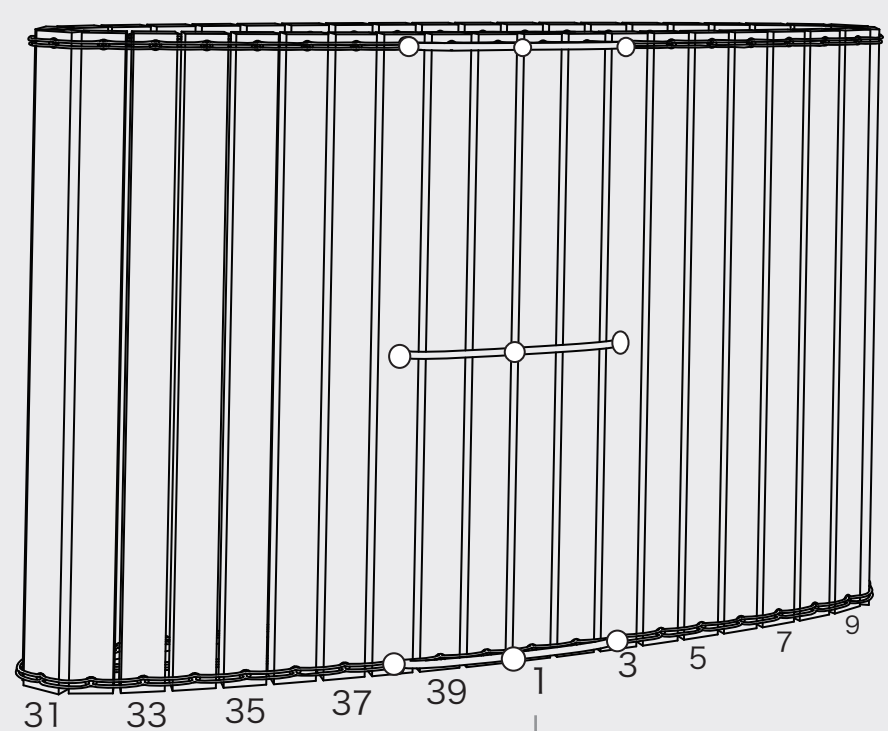
Crochet Hook



File



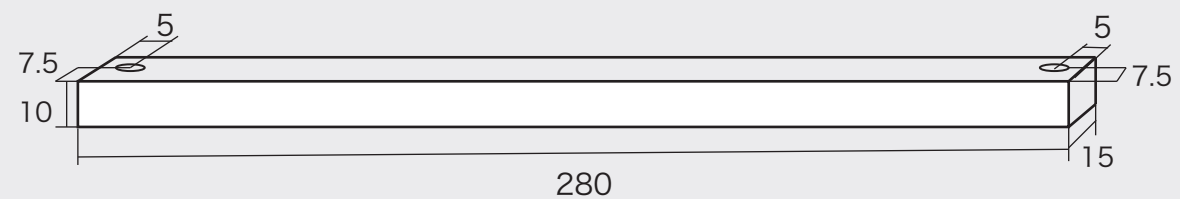
PARTS ①



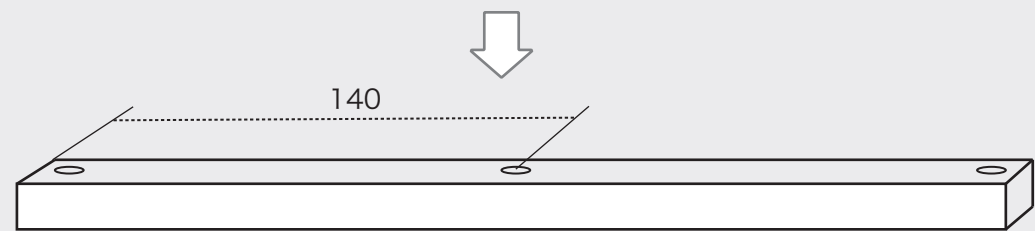
sequence

| | | | | | | | | | | | | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| | 30 | 29 | 28 | 27 | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 | |

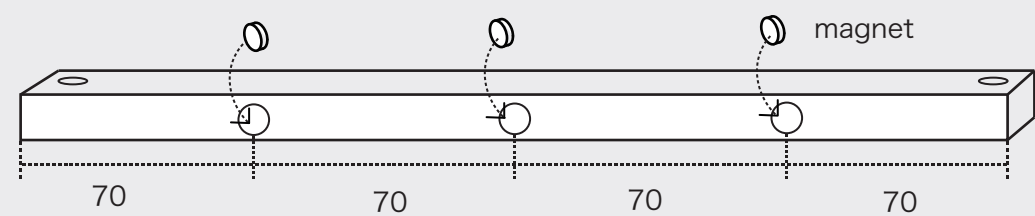
start



drill $\Phi 4$ mm holes on all the bamboo chips (40pieces)



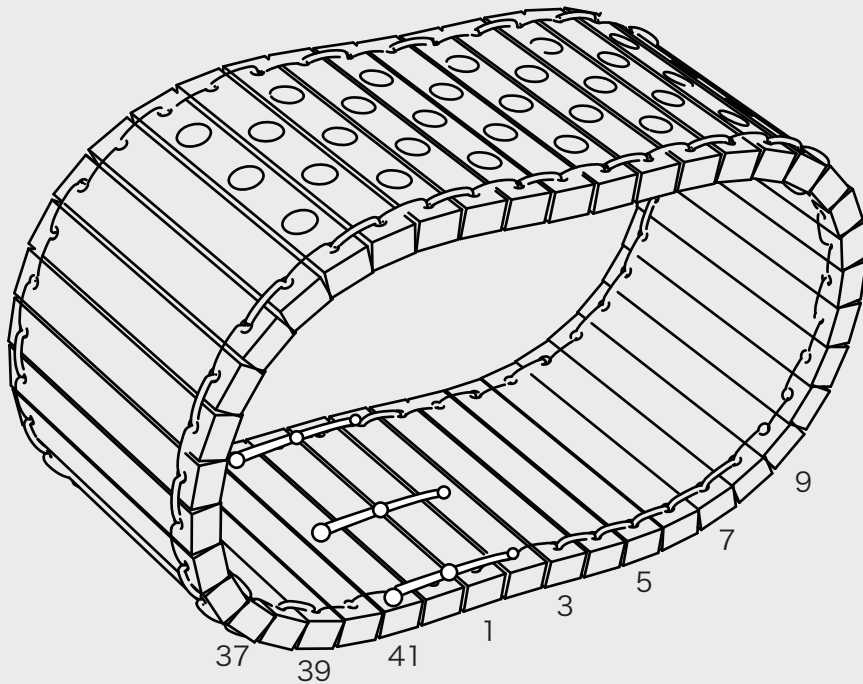
drill $\Phi 4$ mm hole on the middle of the bamboo chips (x2 :No.3&No.38)



drill $\Phi 6$ mm holes on the bamboo chips, but not go through (x2:No.40&No.1)
put the magnets into the holes, and glue them



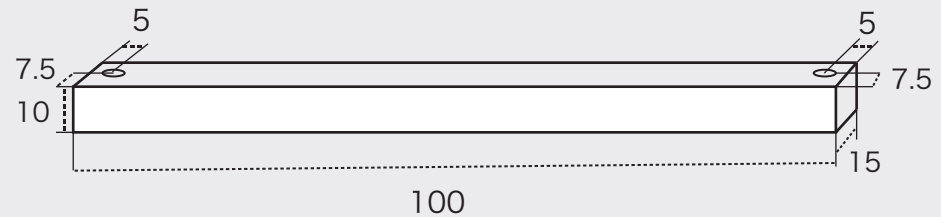
PARTS ②



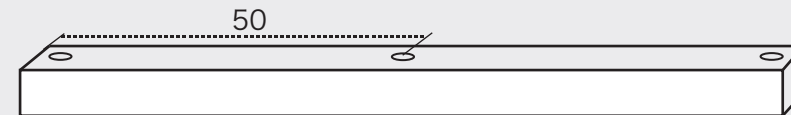
sequence

| | | | | | | | | | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 31 | 30 | 29 | 28 | 27 | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 |
| 32 | | | | | | | | | | | | | | | | | 13 |
| 33 | | | | | | | | | | | | | | | | | 12 |
| 34 | | | | | | | | | | | | | | | | | 11 |
| 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |

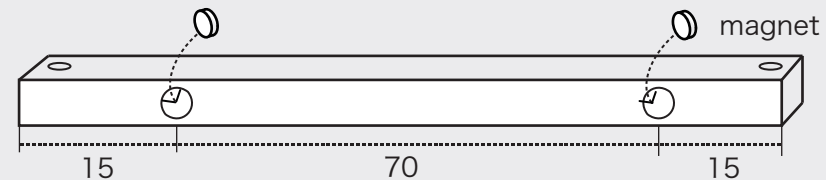
start



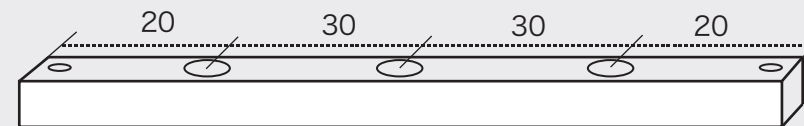
drill $\Phi 4$ mm holes on all the bamboo chips (42 pieces)



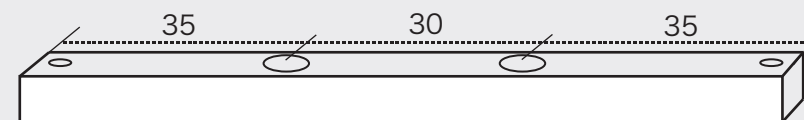
drill $\Phi 4$ mm hole on the middle of the bamboo chips (x2: No.2&No.41)



drill $\Phi 6$ mm holes on the bamboo chips, but not go through (x2: No.42&No.1)
put the magnets into the holes, and glue them



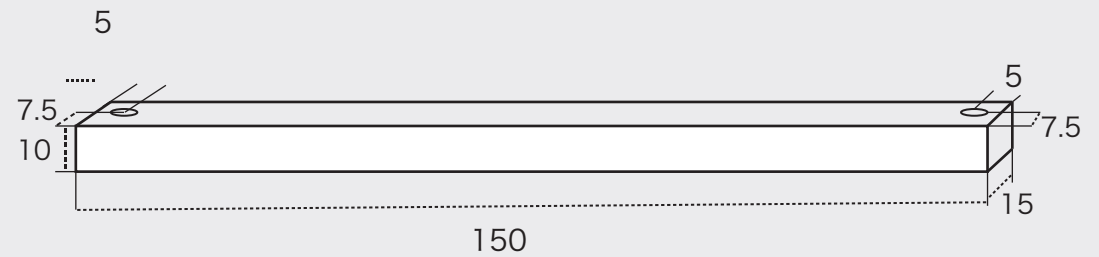
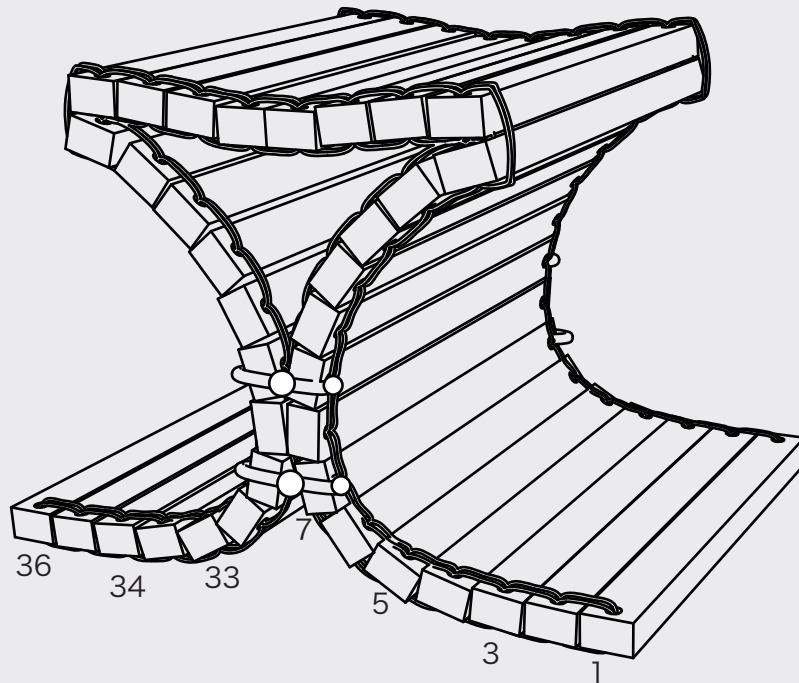
drill $\Phi 10$ mm holes on the bamboo chips (x7: No.16, 18, 20, 22, 24, 26, 28)



drill $\Phi 10$ mm holes on the bamboo chips (x7: No.15, 17, 19, 21, 23, 25, 27)

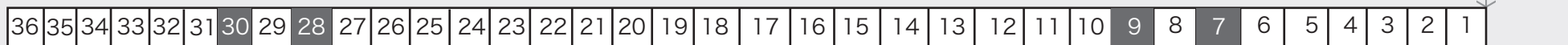


PARTS ③

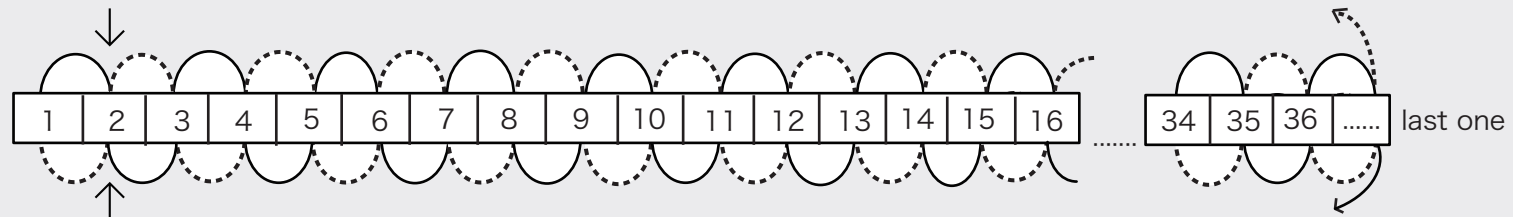
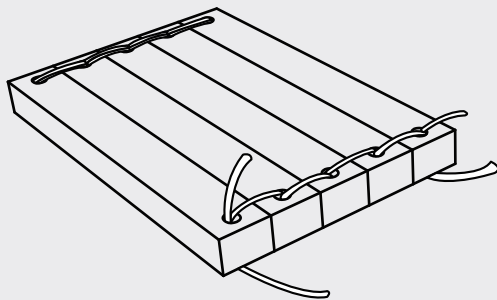
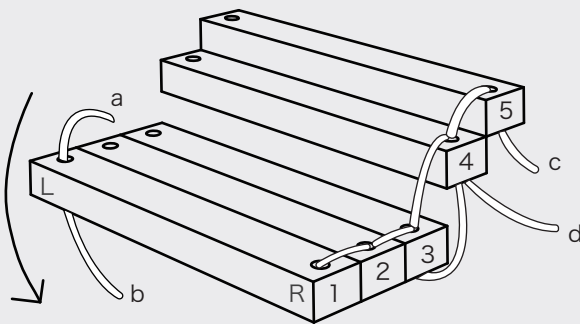


drill $\Phi 4\text{mm}$ holes on all the bamboo chips (36pieces)

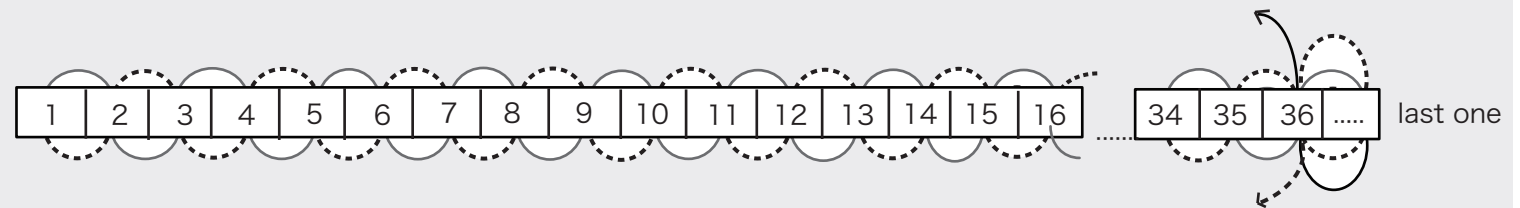
sequence



ASSEMBLY



every step make them taut



negative direction do it again

① ② ③ do the same thing
everyone need 2x3m (Φ1) Chinese Knot Line

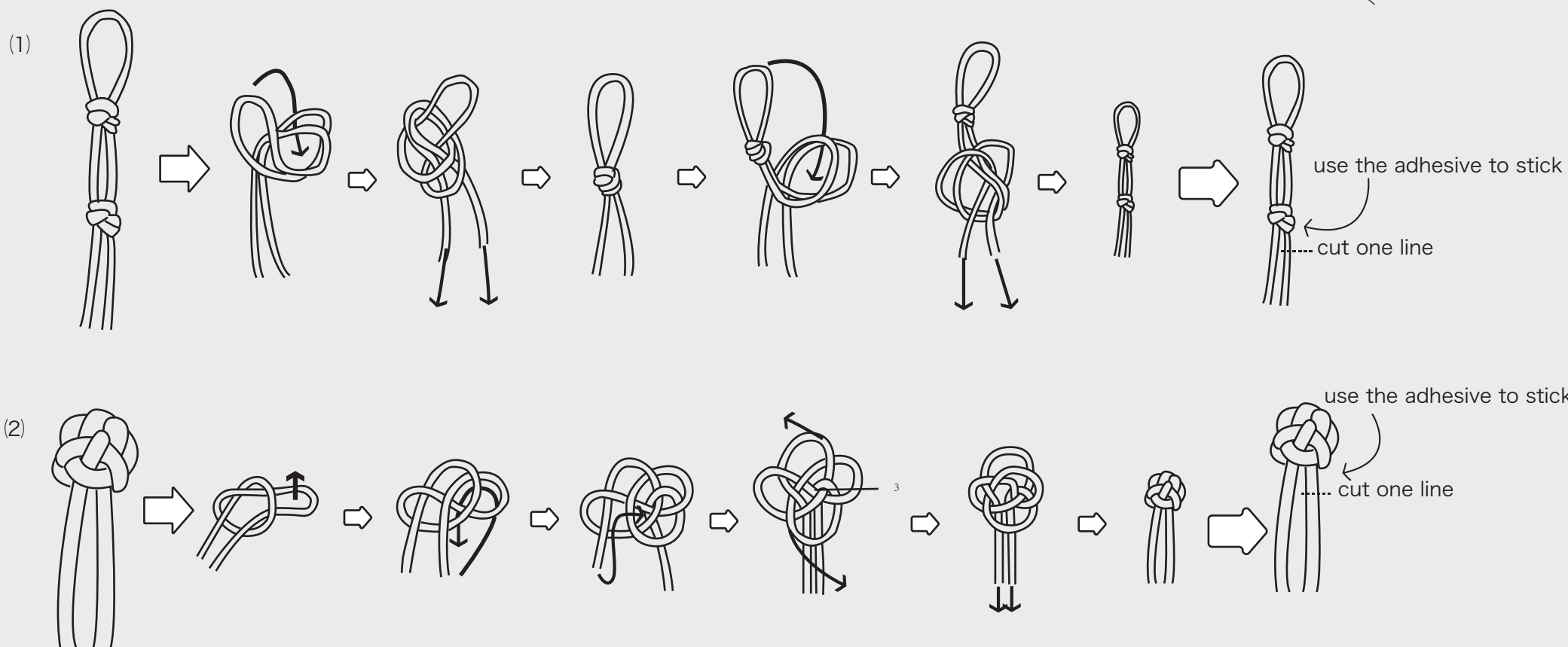
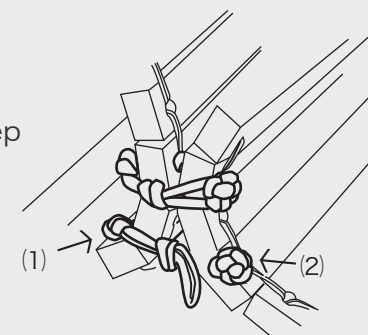


ASSEMBLY

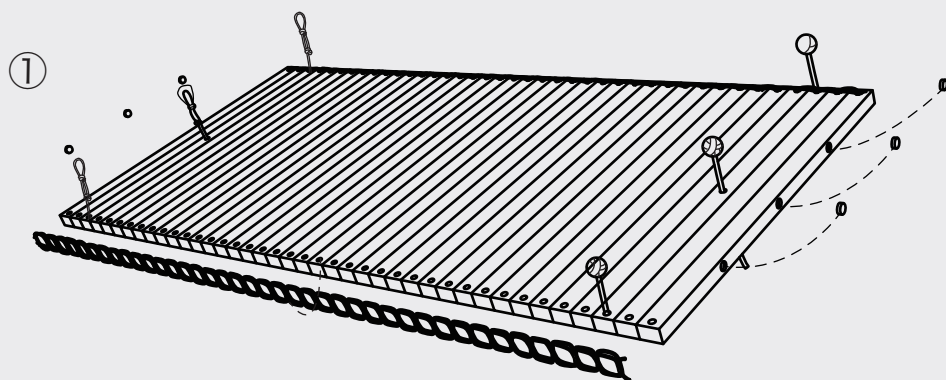
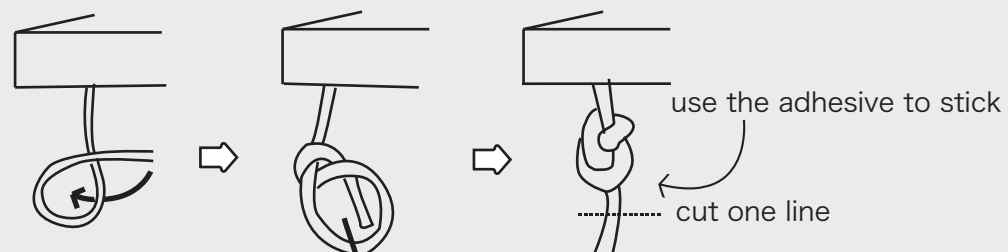
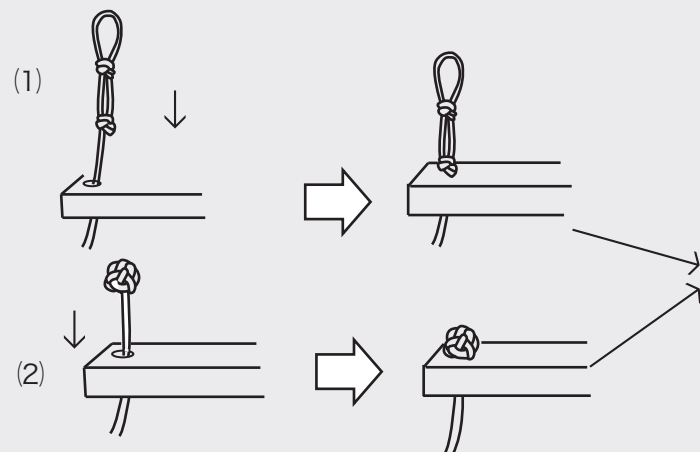
Use the Chinese knot line($\Phi 2.5 \times 200\text{mm}$) to do this step

(1) :Red x3 Green x2 Blue x3

(2) :Red x3 Green x2 Blue x3

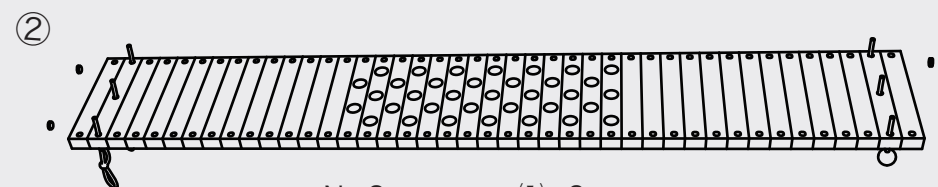


ASSEMBLY



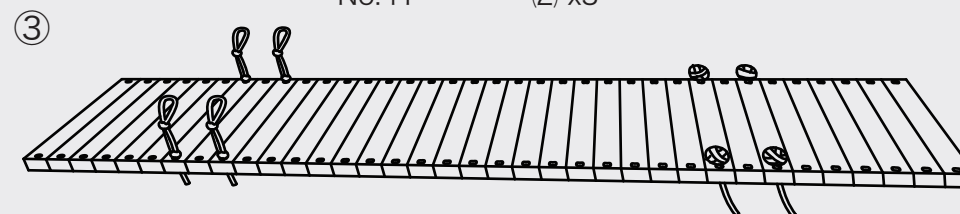
No.3 — (1) x3

No.38 — (2) x3



No.2 — (1) x3

No.41 — (2) x3



No.7&No.9 — (1) x2

No.28&No.28 — (1) x2

