Superconducting Coaster with REBCO tape

1. Cut out 2 cm long Superconductor tapes.







2. Bend it 90 degrees at 5 mm from both ends. Be careful not to apply too much stress on the middle 1 cm part, which is main part for magnetization.





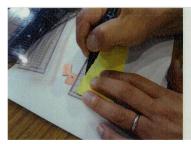








3. Cut out a piece of sponge with dimensions of 1 cm length, 1 cm width and 0.5 height.











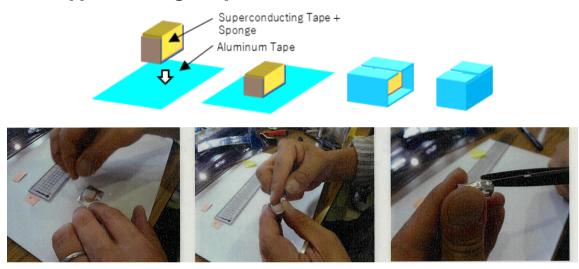
4. Cut out aluminum tape with dimensions of 3 cm length and 2.5 cm width.







5. Put the sponge on the superconducting tape, then wrap it with aluminum tape. Make (Leave) a slit at the top surface of the wrapped rectangular piece for LN₂ infiltration.



6. Complete

