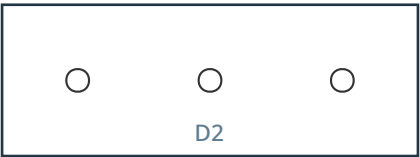
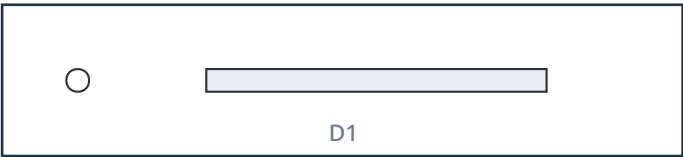
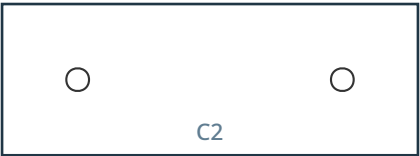
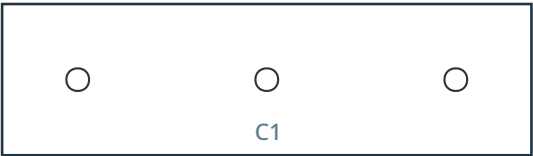
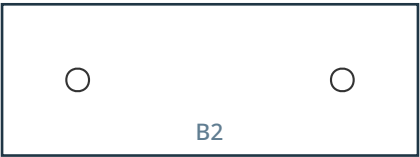
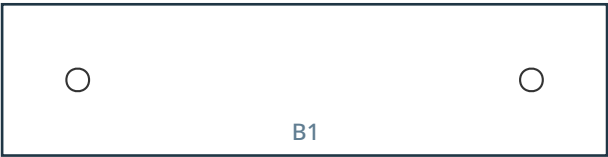
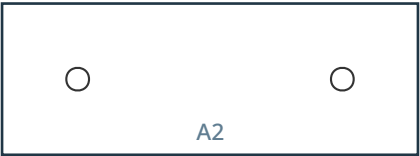
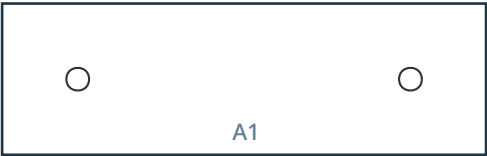


Movable paper-puppet joint sampler

Pivot and travel samples / no full character puppet supplied

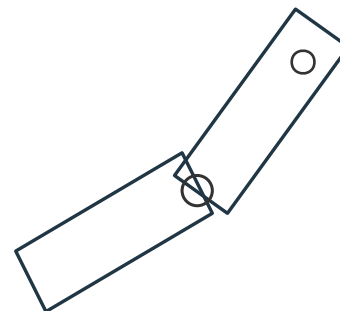


Movable paper-puppet joint sampler

Assembly guide / print at 100% / check 50 mm / physical trial required

MAKE THE PROJECT

Three pivot-joint test pairs plus a pin-and-slot slider, with paired pivot centers, alternative pivot positions and a long-slot travel test.



CONSTRUCTION SCHEMATIC

MATERIALS

Plain paper for a first trial; suitable light card for the final piece; ruler, scissors, blunt creasing tool and paper adhesive. Use appropriate adult help with cutting and small joining parts.

- 01** Cut the paired strips and circular reinforcement washers; keep each lettered pair together.
- 02** Open the center holes and slot under appropriate supervision. Do not enlarge them blindly: compare them to the chosen paper fastener first.
- 03** For A and B, stack the strips at their matching centers with a washer outside each face, then add the loose pivot fastener.
- 04** For C, compare the additional middle pivot with the end pivots on the longer strip. For D, put the pin through the long slot and short-strip center so it can travel.
- 05** Move each sample gently and record friction, tearing or looseness before using the joint in a puppet. No complete character puppet is included.

Print at actual size and check the 50 mm scale. SVGs are editable vector masters; cutting-machine compatibility is not certified.



50 mm scale check | Measure after printing