

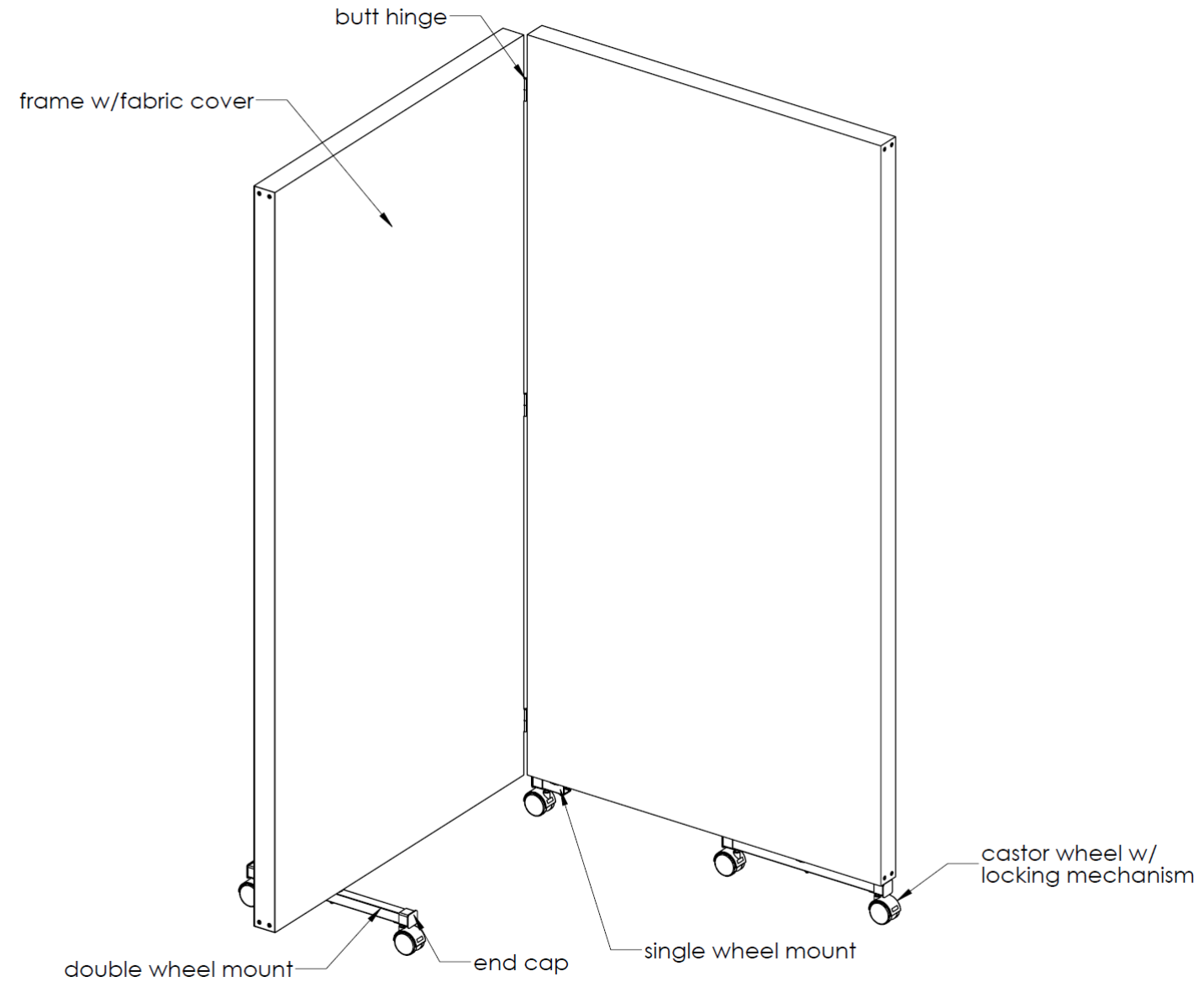
PRIVACY SCREEN

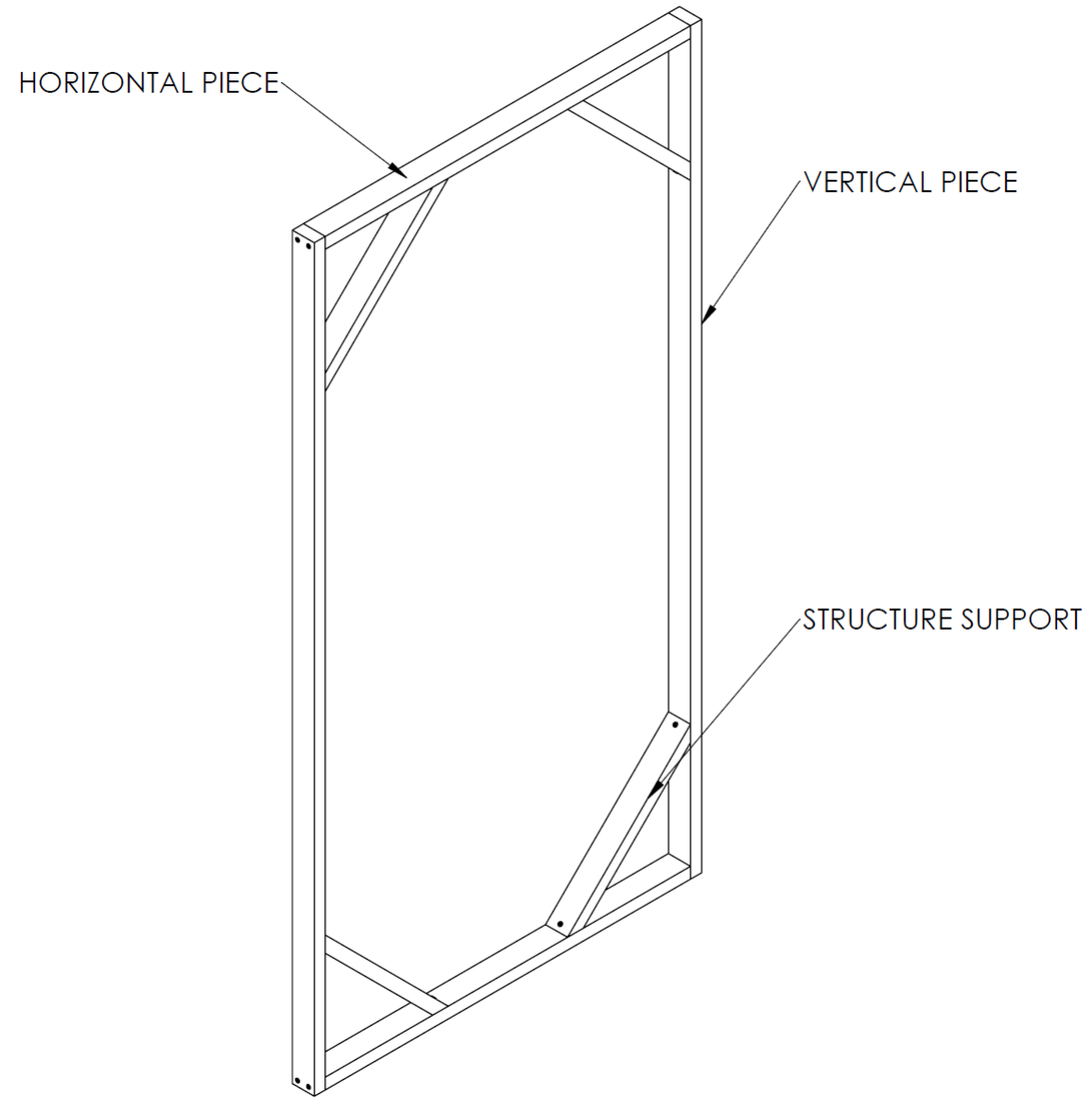
Maker Manual



Please use in conjunction with the engineering drawing pack

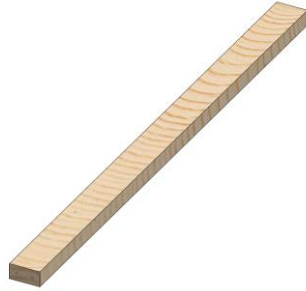




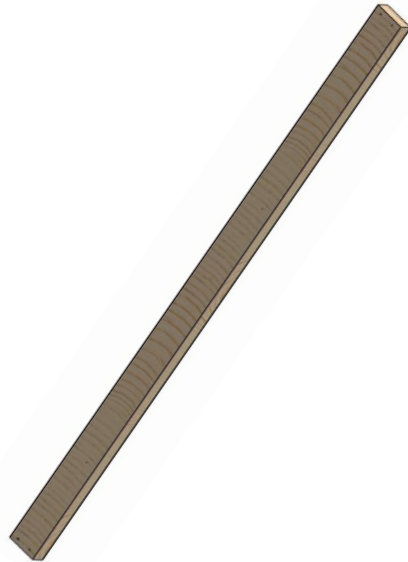


FRAME W/O FABRIC COVER

Materials



2" x 1" x 840mm timber x4



2" x 1" x 1700mm timber x4

Materials



2" x 1" x 400mm timber x8

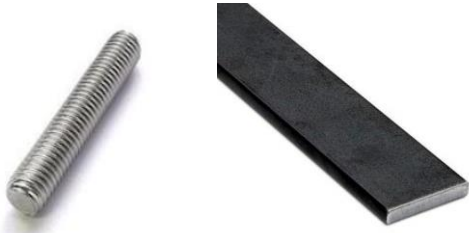


**30mm countersunk
woodscrew x50**



1m x 4m roll of fabric x2

Materials



**M8 Threaded Rod 50mm & x3
20mm x 3mm x 50mm Mild
steel flat bar**



**25mm² x 400mm square x2
tubing**



Swivel castor wheels x5

Materials



Ø4mm pop rivet

x10



**25mm external tube end
caps**

x5



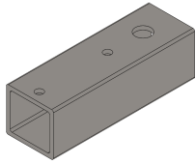
M8 x 2mm washer

x6

Materials



M8 nylon locknut x3

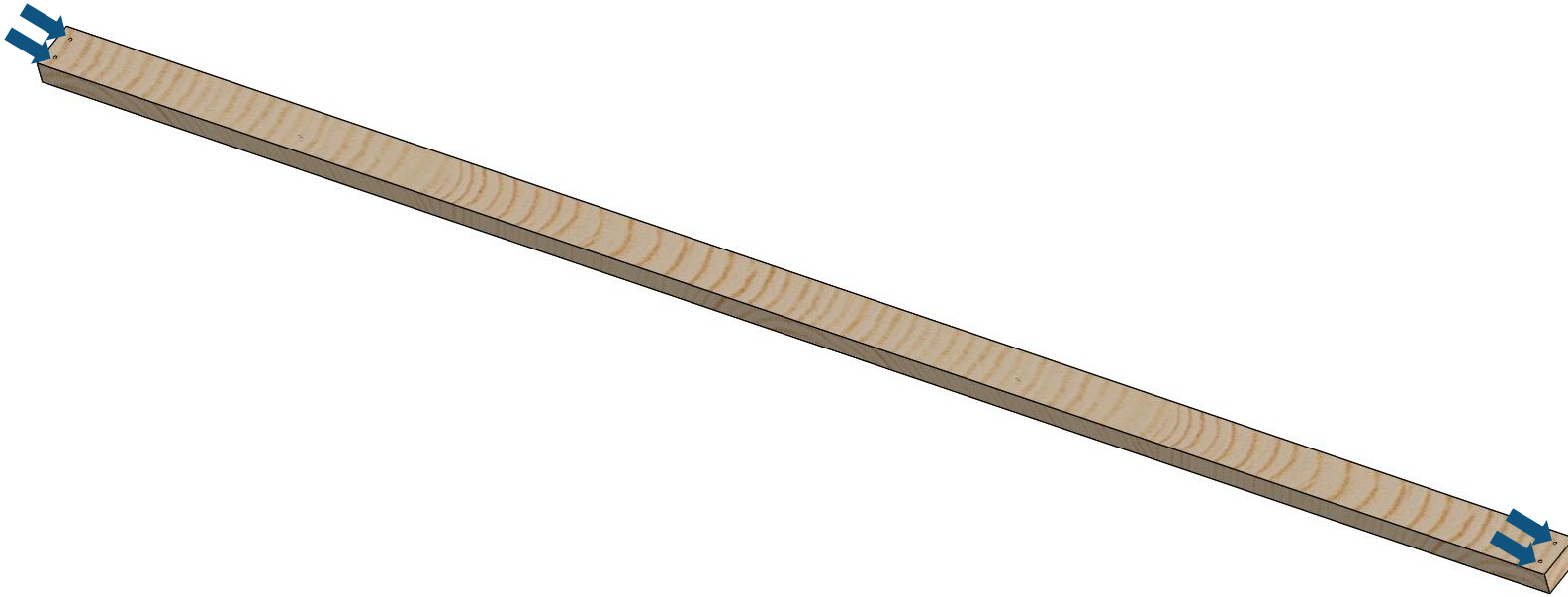


**25mm² x 75mm square
tubing x1**



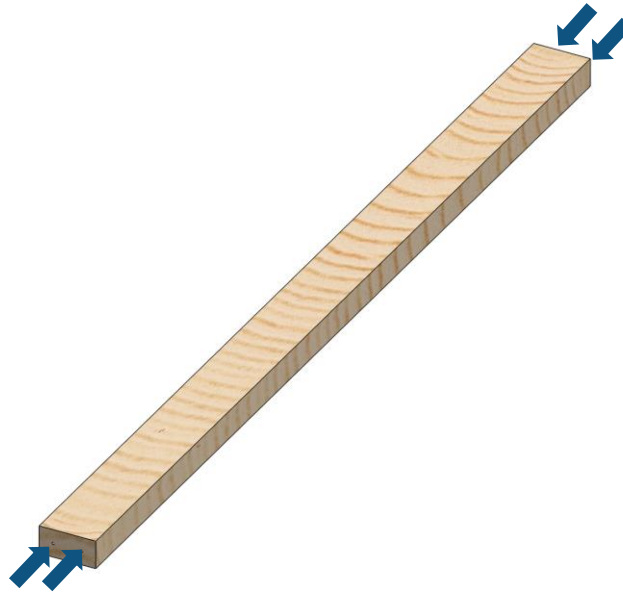
2" butt hinges x6

Step 1: MATERIAL PREP FOR FRAME



- 1. Cut timber of length 1700mm and drill through pilot holes of Ø3mm at the indicated places.
(x4)**

Step 1: MATERIAL PREP FOR FRAME



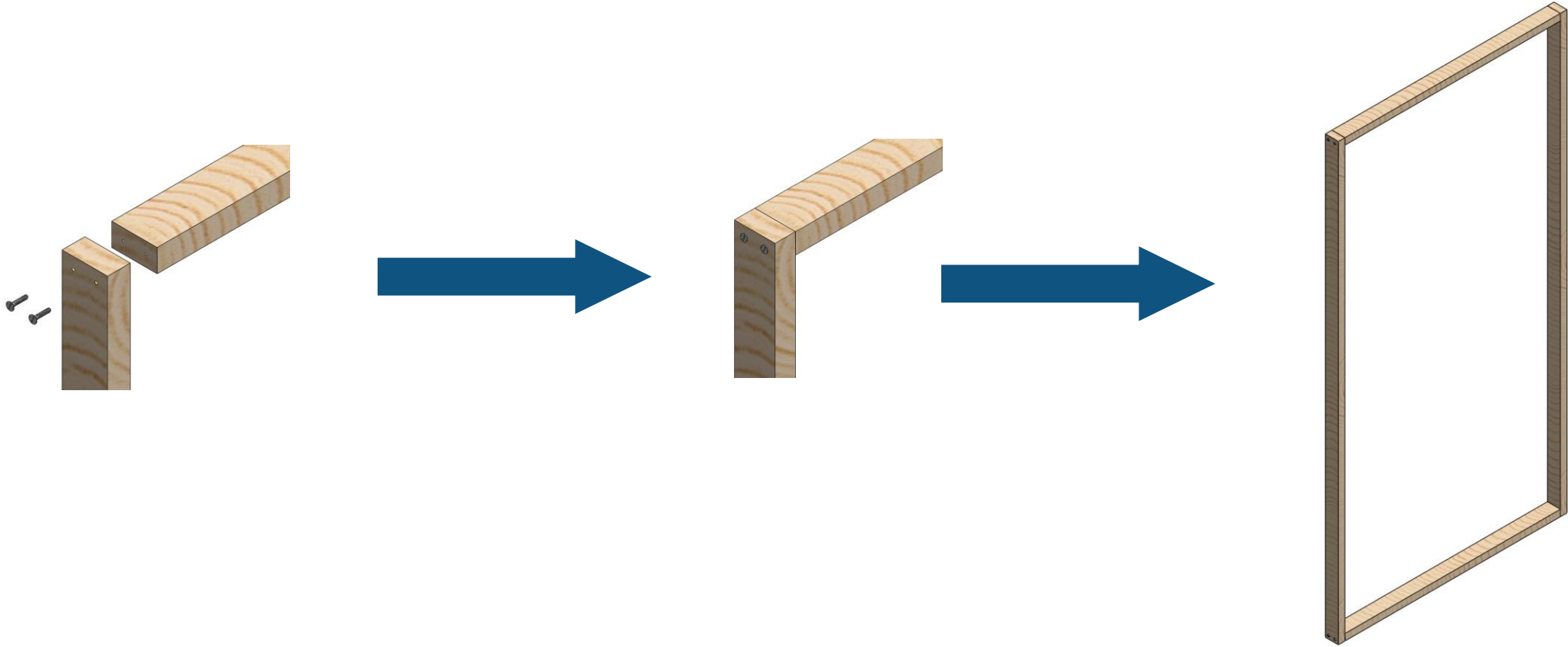
2. Cut timber of length 840mm and drill pilot holes of Ø3mm and 10mm deep at the indicated places. (x4)

Step 1: MATERIAL PREP FOR FRAME



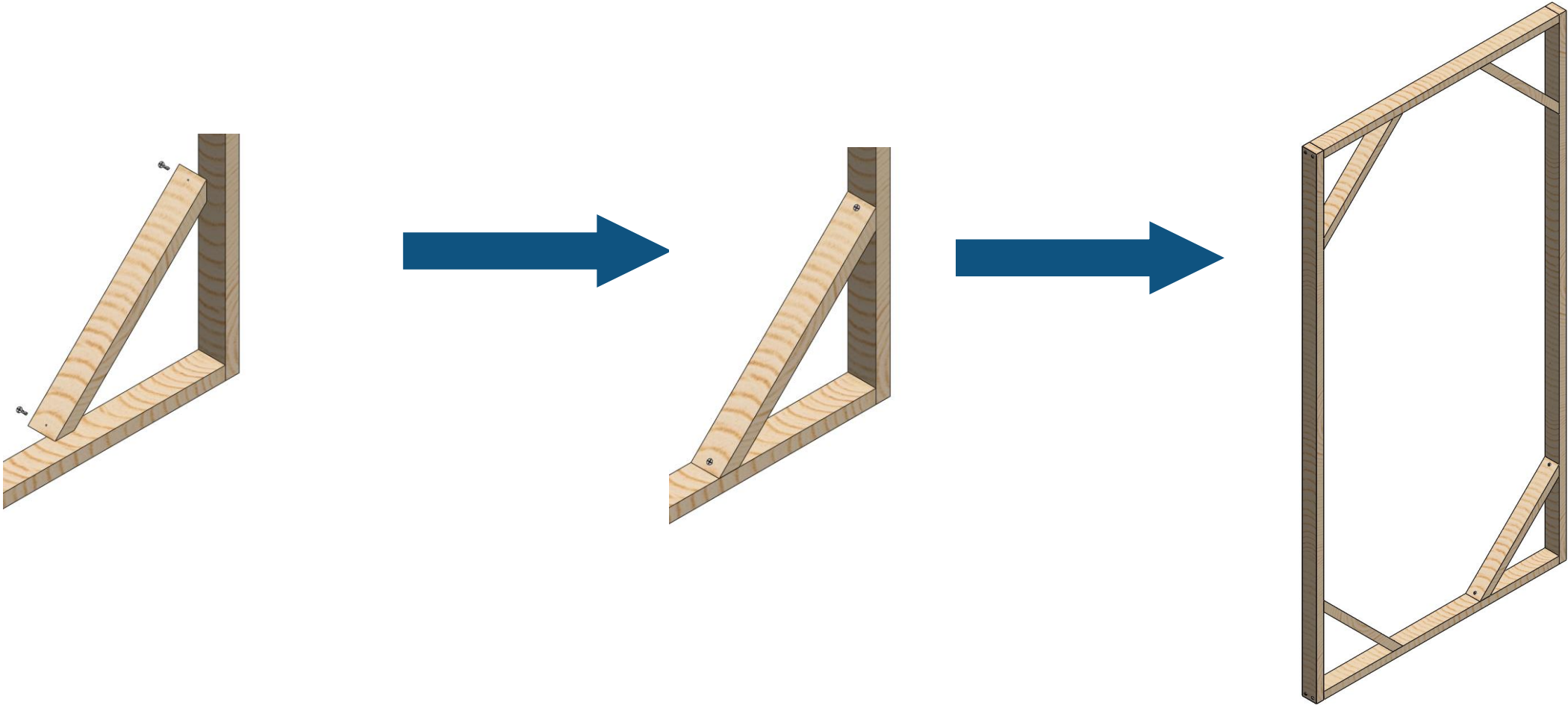
3. Cut timber of length 400mm with 45° chamfers at the end. Drill through pilot holes of Ø3mm at the indicated places. (x8)

Step 2: FRAME ASSEMBLY



1. Butt joint the horizontal piece and the vertical piece. Secure with screws. Do the same for all 4 corners.

Step 2: FRAME ASSEMBLY



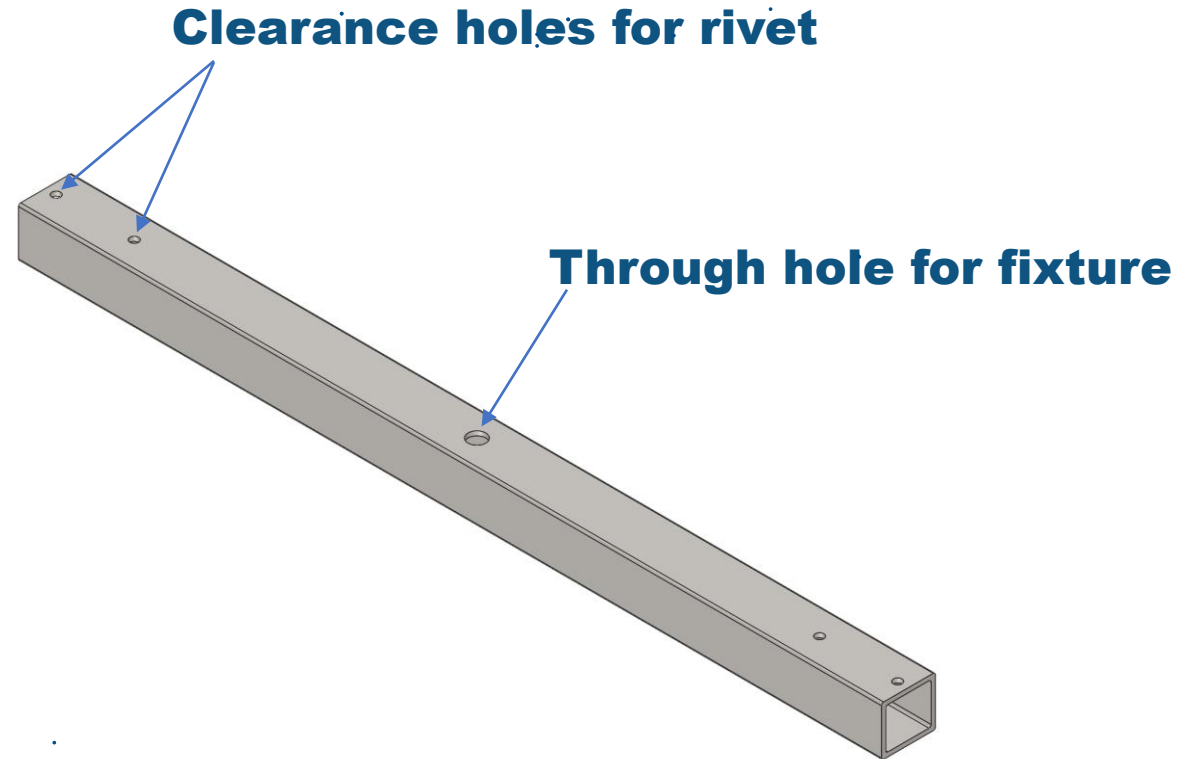
2. Butt joint the support piece at the corner. Secure with screws. Do the same for all 4 corners.

Step 2: FRAME ASSEMBLY



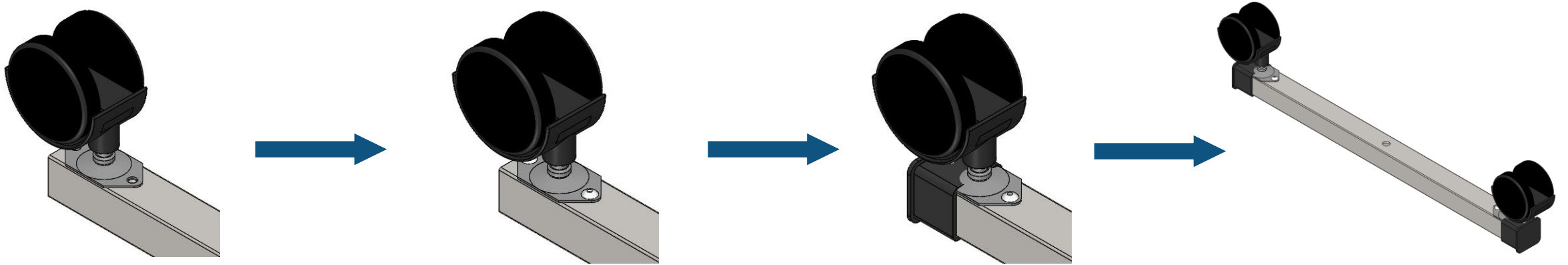
3. Cover the frame with fabric (attach with staples). Follow Step 2 again to make another frame w/ fabric cover.

Step 3: WHEEL



- 1. Cut the steel tube to a length of 480mm and drill Ø8.5mm through hole at centre, Ø4mm clearance holes at far ends.**

Step 3: WHEEL

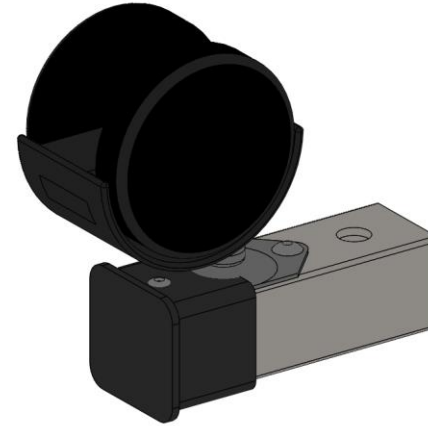
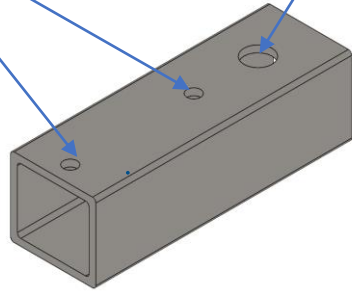


**2. Place castor wheels on one end of the tube once in place pop rivet then cover the edge with end cap. Do the same for the other side.
Repeat the step to make the second 2-wheel mount.**

Step 3: WHEEL

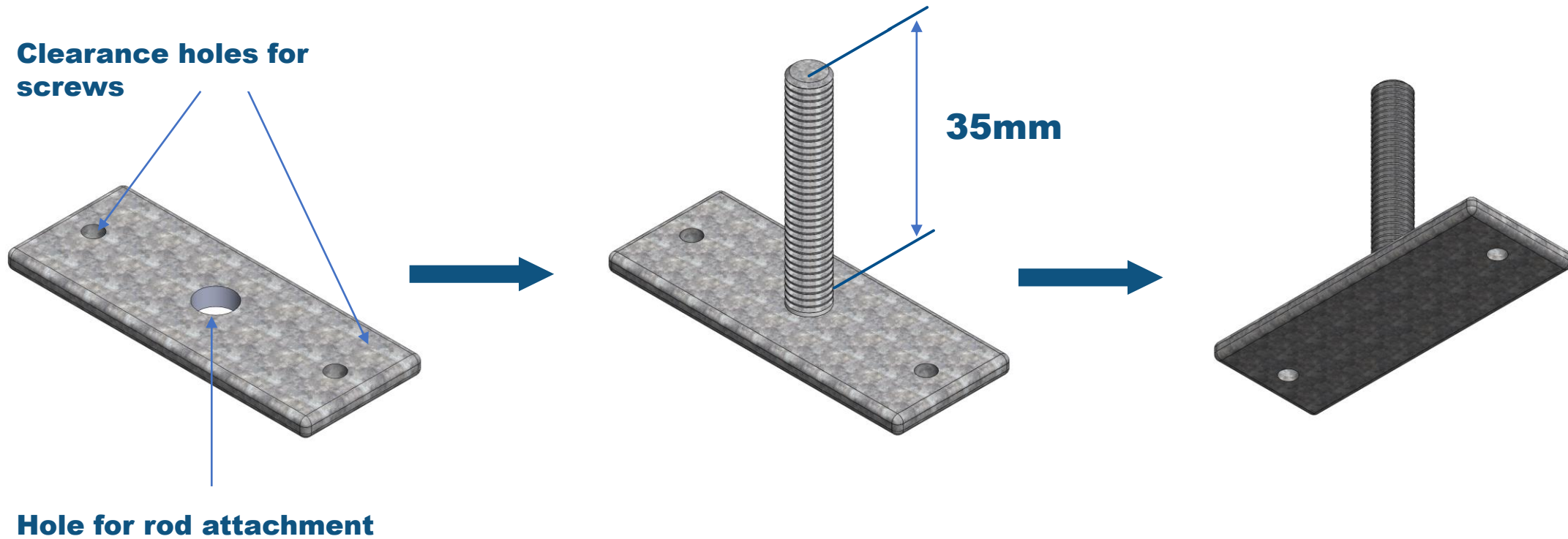
Clearance holes for rivet

Through hole for fixture



3. Follow the steps from 'step 3.1' and 'step 3.2' to make the single-wheel mount.

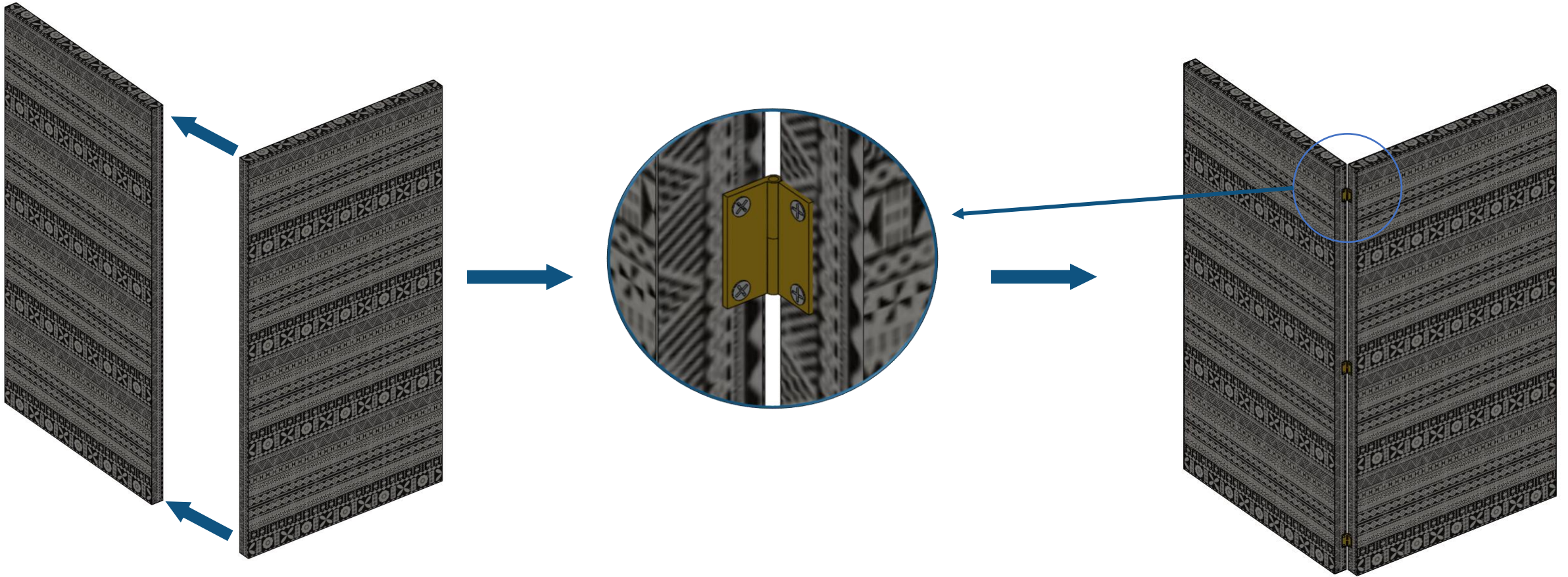
Step 3: WHEEL



4. Cut the 3mm flat steel to a length of 2".

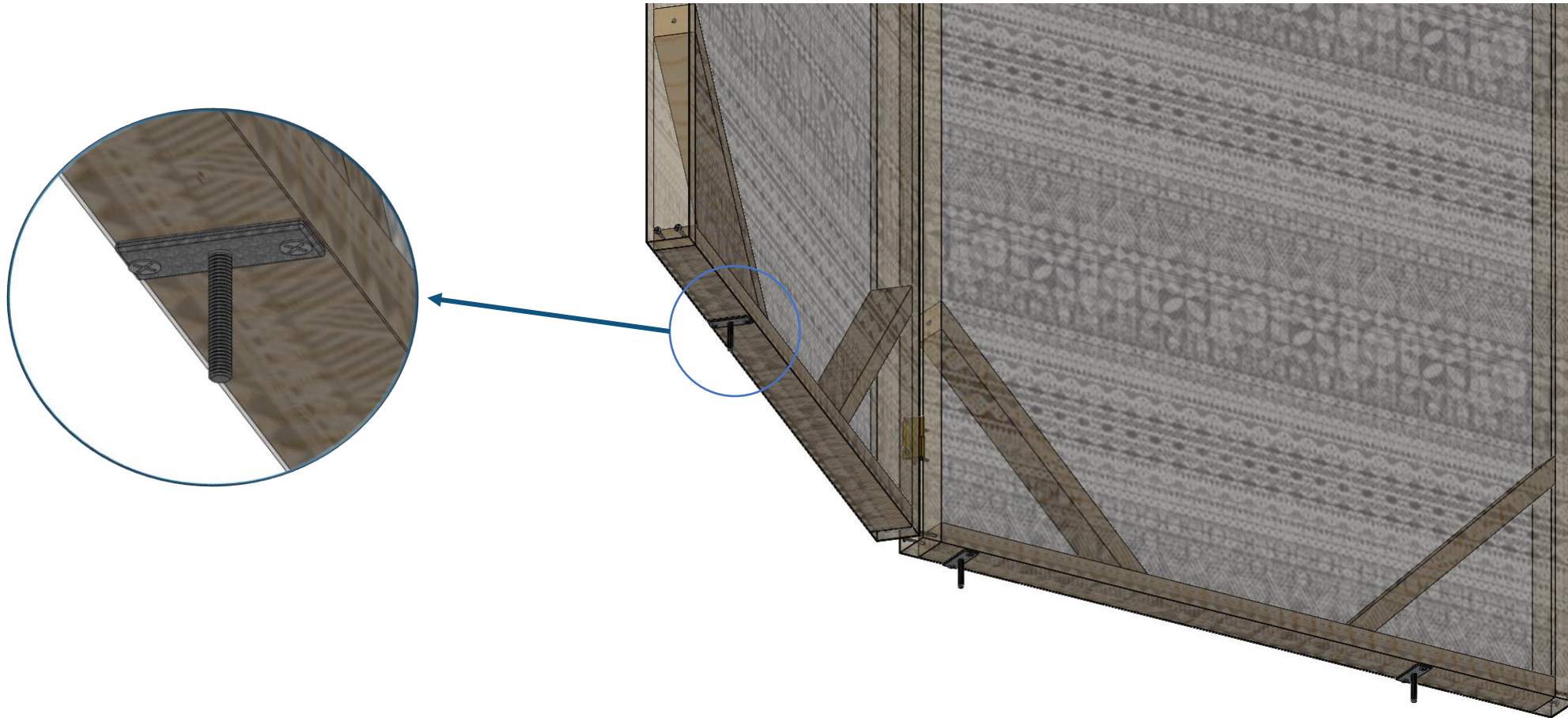
**Drill a centre hole of Ø8.5mm on the steel. Weld the M8 rod on the flat steel.
Cut off excess length of the rod. Grind off the sharp edges**

Step 4: ASSEMBLY



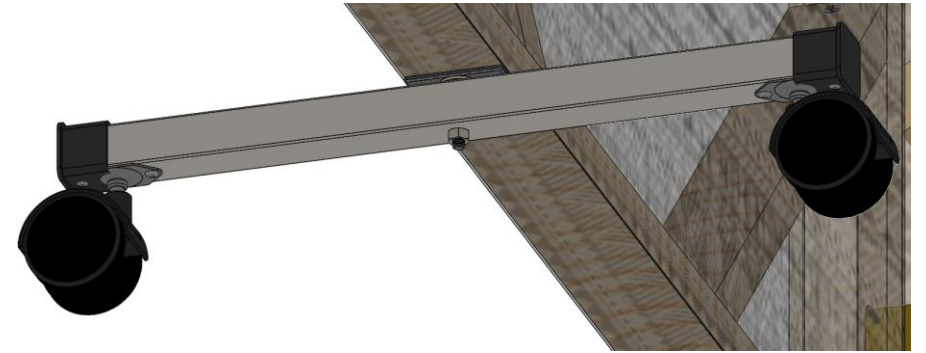
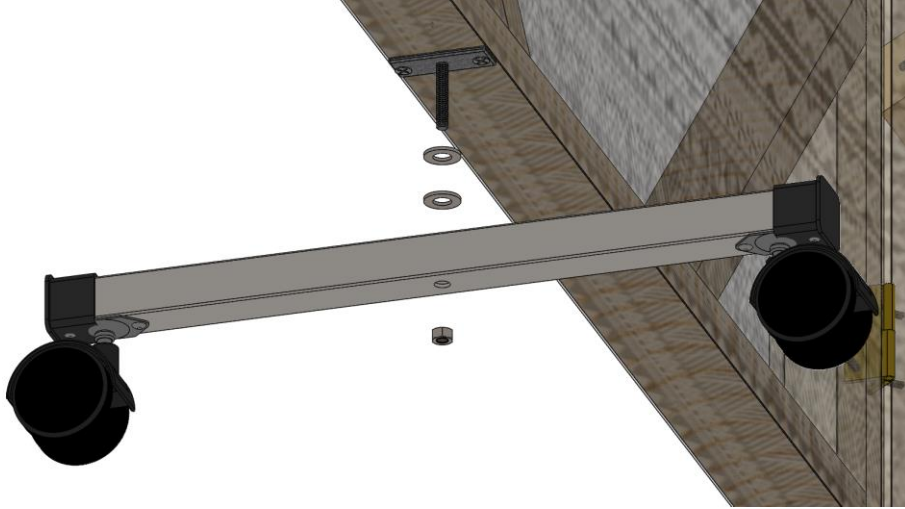
1. Attach the frames at the shown edges. Secure with hinges.

Step 4: ASSEMBLY



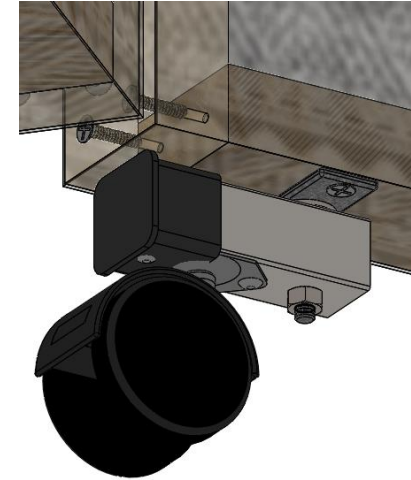
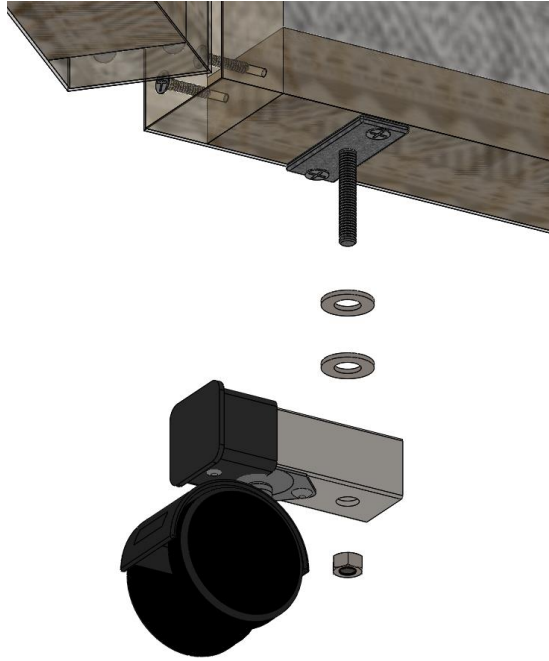
**2. Attach the wheel fixture part from 'step 3.4' onto the base of the two wooden frames.
Refer to the engineering drawing for spacing dimensions.**

Step 4: ASSEMBLY



3. Slide in two round washers then attach the double-wheel mount on the rod and secure with locknut. Do the same for the second set.

Step 4: ASSEMBLY



4. Repeat 'step 4.3' for the single-wheel mount.

Step 4: ASSEMBLY

