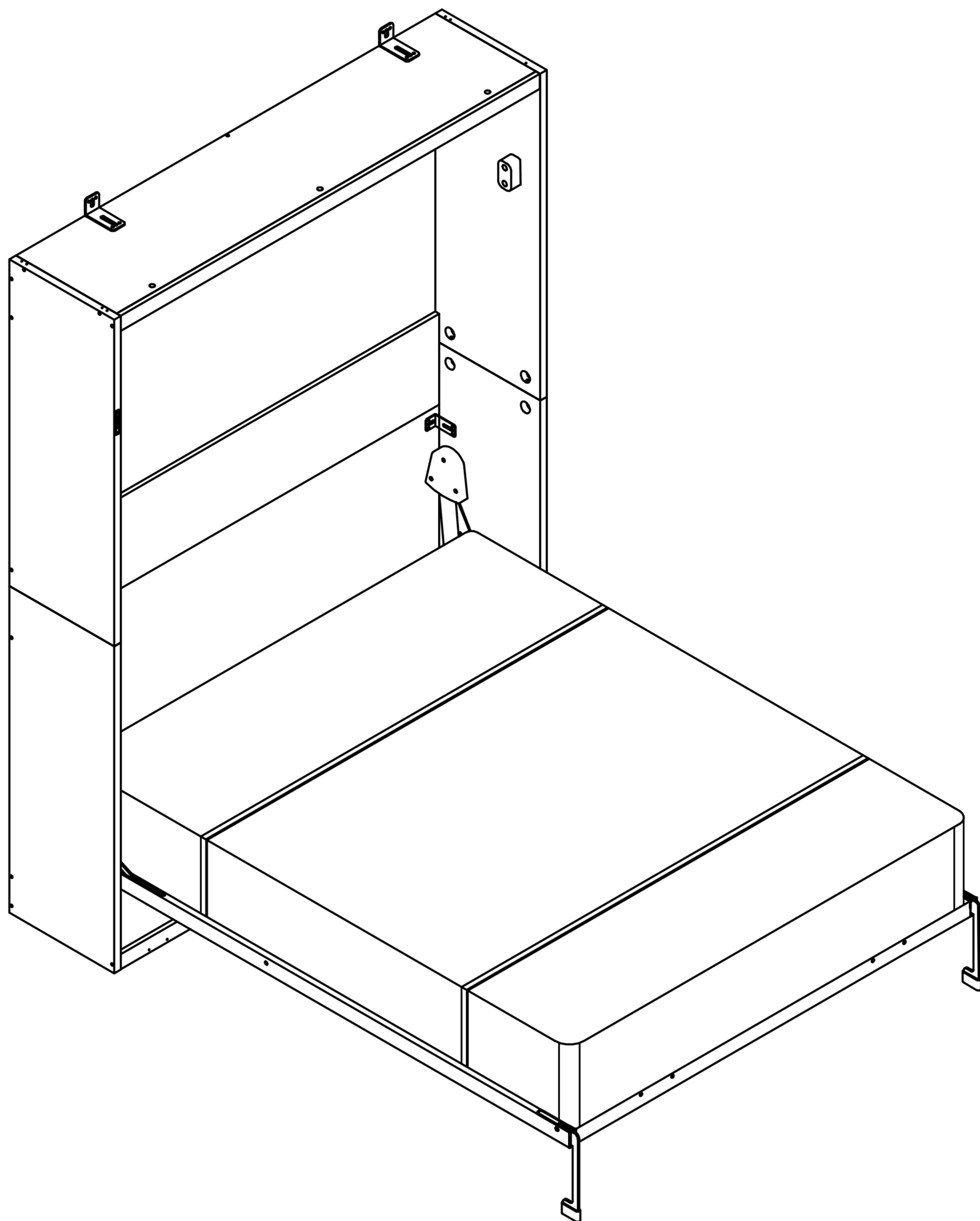
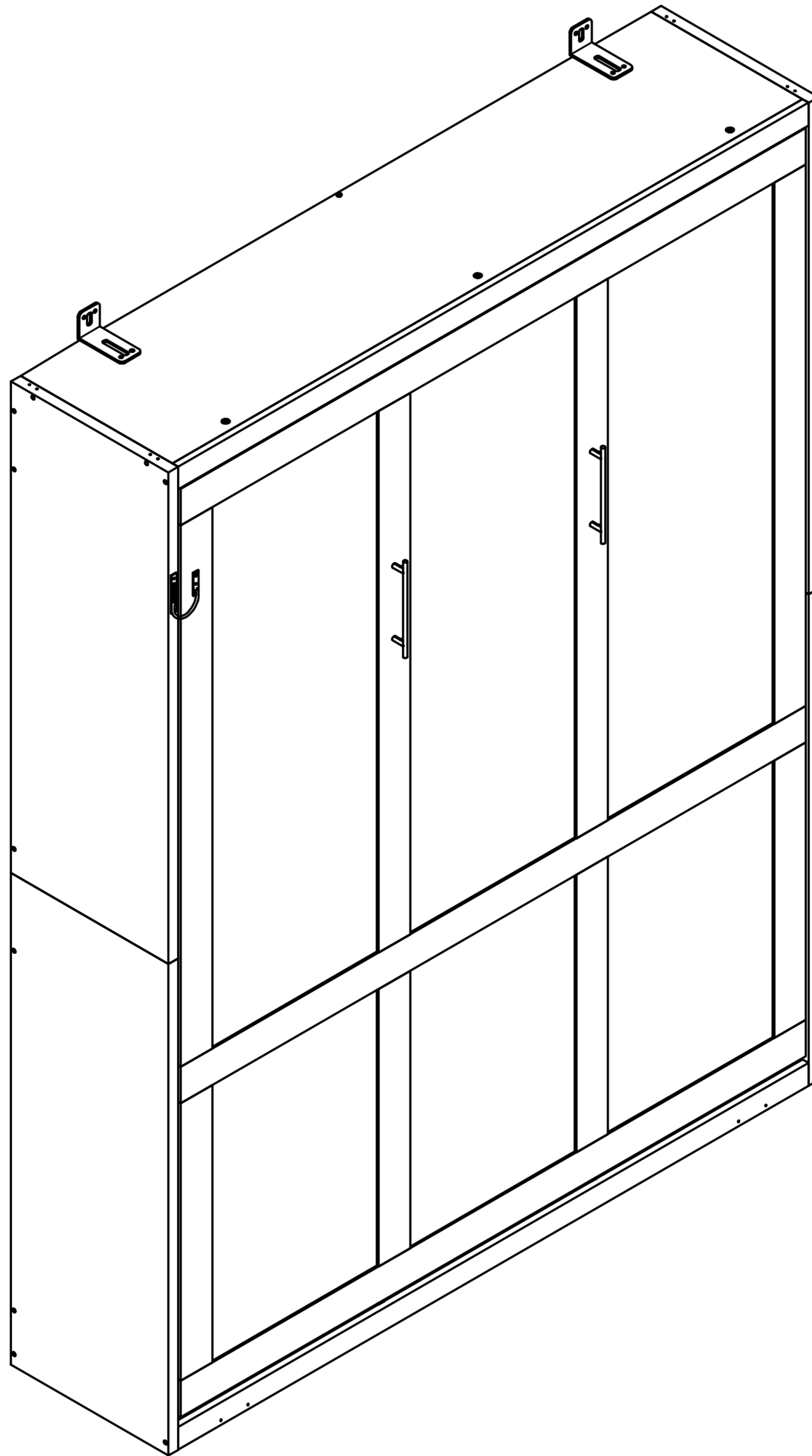
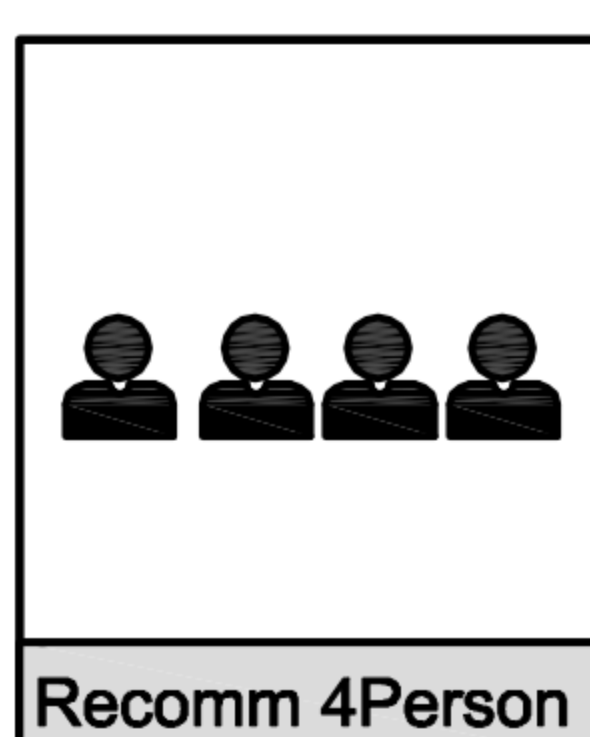
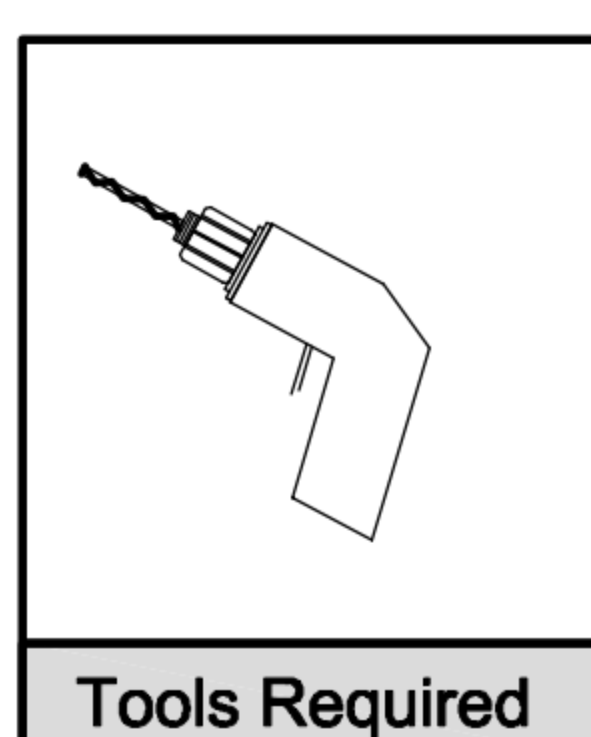
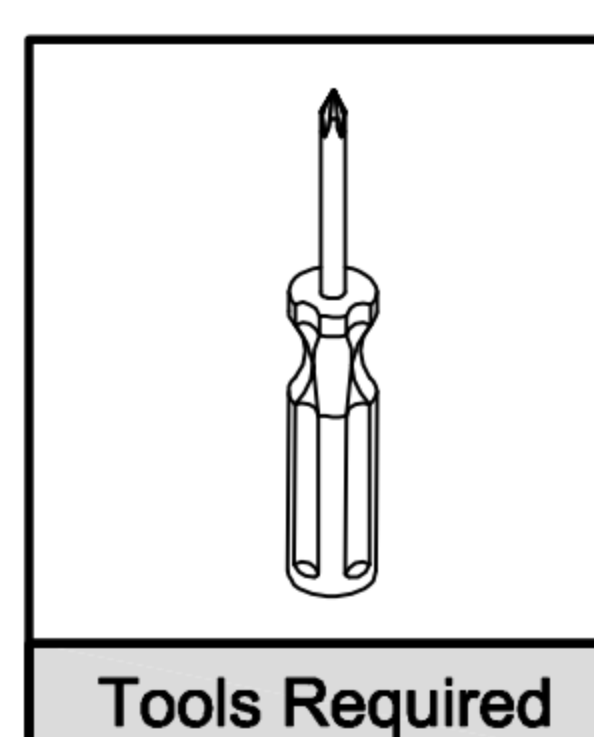
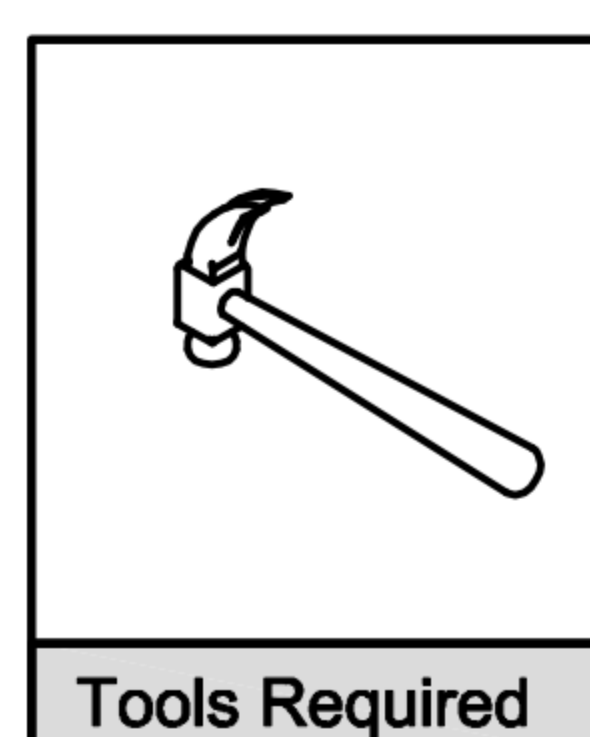
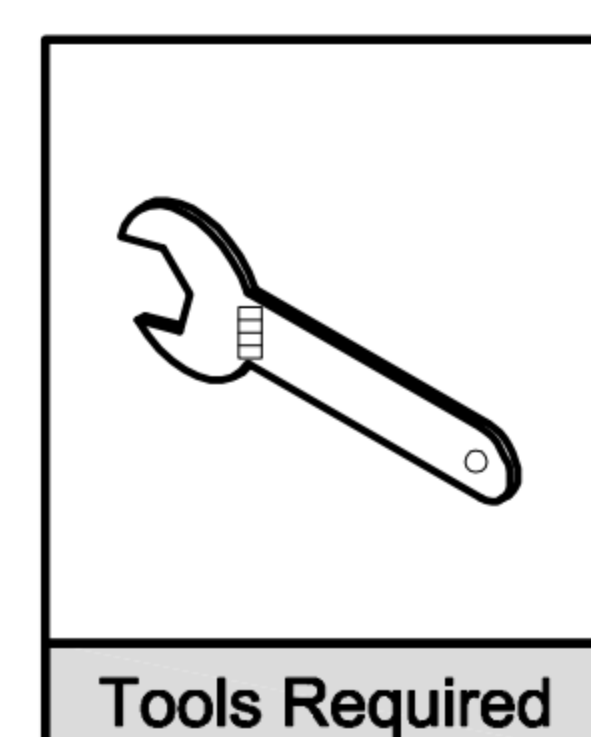


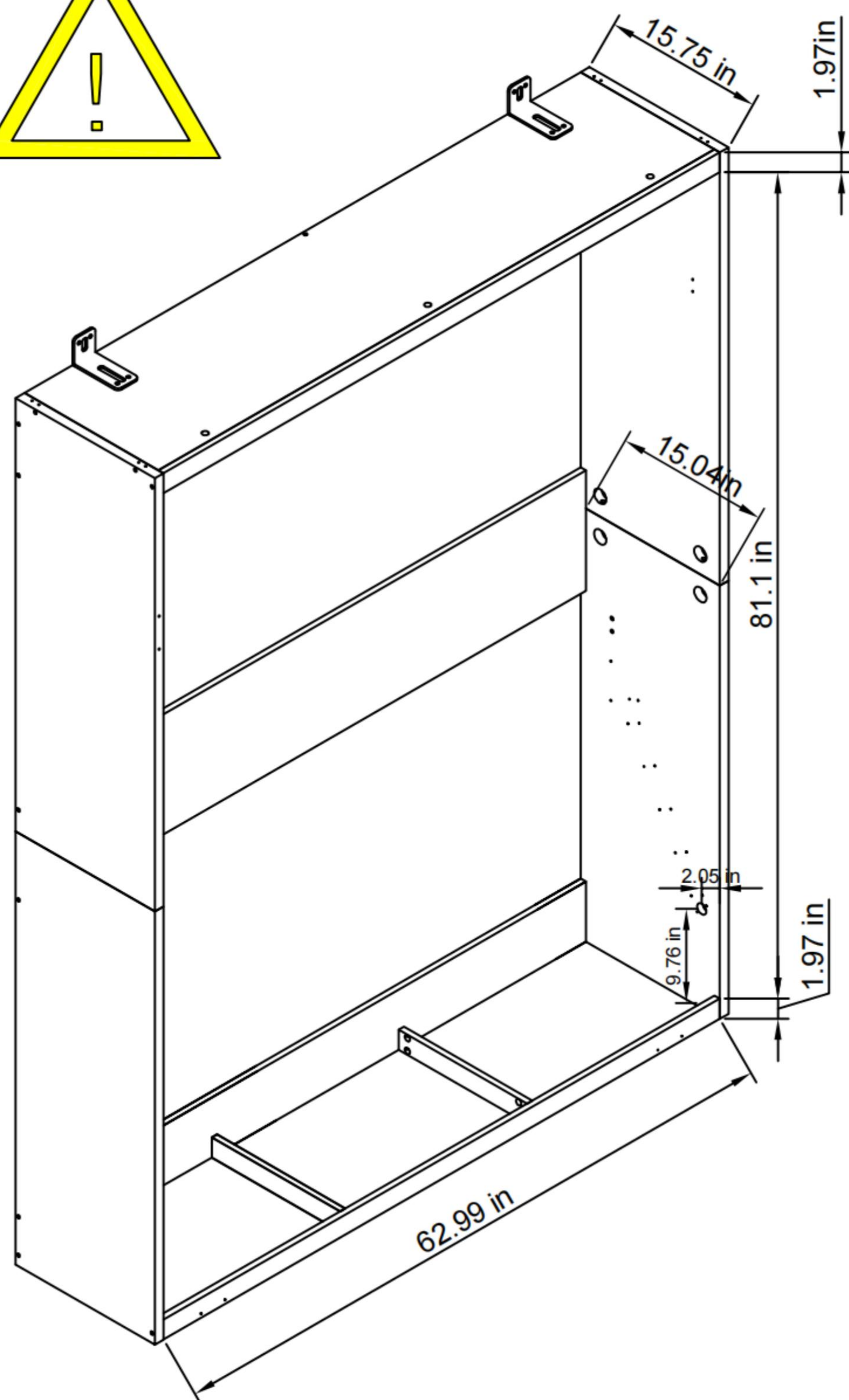
Murphy bed

Installation product manual



Assembly Instruction





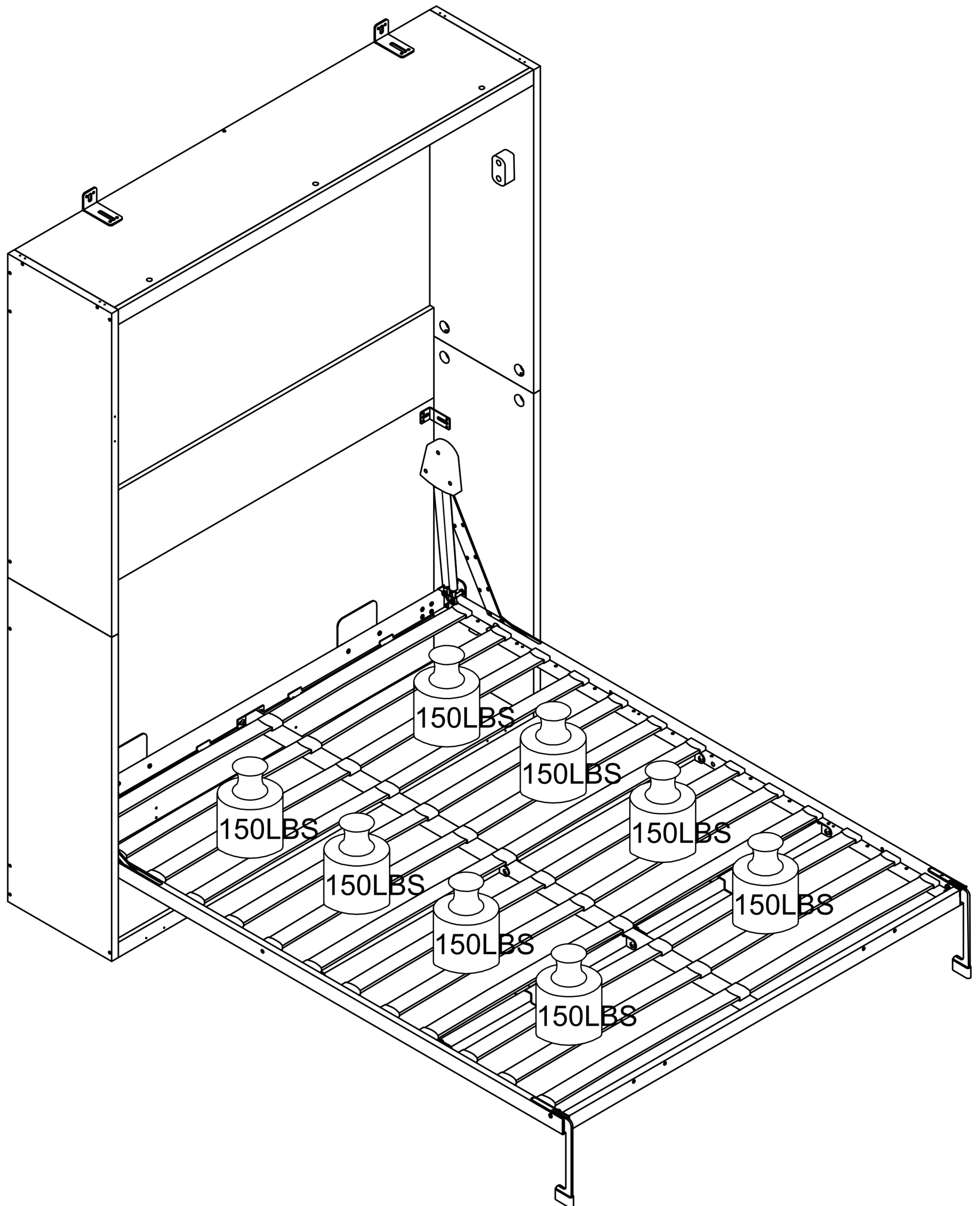
Technical drawing of a rectangular frame. The drawing shows a rectangular frame with a central rectangular area. The frame is composed of multiple vertical and horizontal lines, suggesting a multi-paneled or multi-sectioned structure. The overall width is labeled as 62.36 in, and the overall height is labeled as 80.31 in.

3.The baseboard height which from the ground to inside cabinet: 1.97 inches;

Technical drawing of a vertical assembly with dimensions and labels:

- Top Section:**
 - Overall width: 15.04in
 - Left side panel width: 8.66in
 - Distance from left panel to centerline: 14.69in
 - Distance from centerline to right panel: 13.5in
 - Right side panel width: 3.03in
 - Label: left and right side panels Ø0.118in-Depth 0.118in (pilot hole)
- Middle Section:**
 - Overall width: 11.81in
 - Distance from top to centerline: 1.26in
 - Distance from centerline to right panel: 9.33in
 - Right side panel width: 3.54in
 - Distance from centerline to right panel: 9.24in
 - Label: left and right side panels Ø0.118in-Depth 0.118in (pilot hole)
- Bottom Section:**
 - Overall width: 15.75in
 - Distance from top to centerline: 25.07in
 - Distance from centerline to right panel: 26.71in
 - Right side panel width: 2.05in
 - Distance from centerline to right panel: 7.8in
 - Label: Ø0.984in-Depth 0.591in

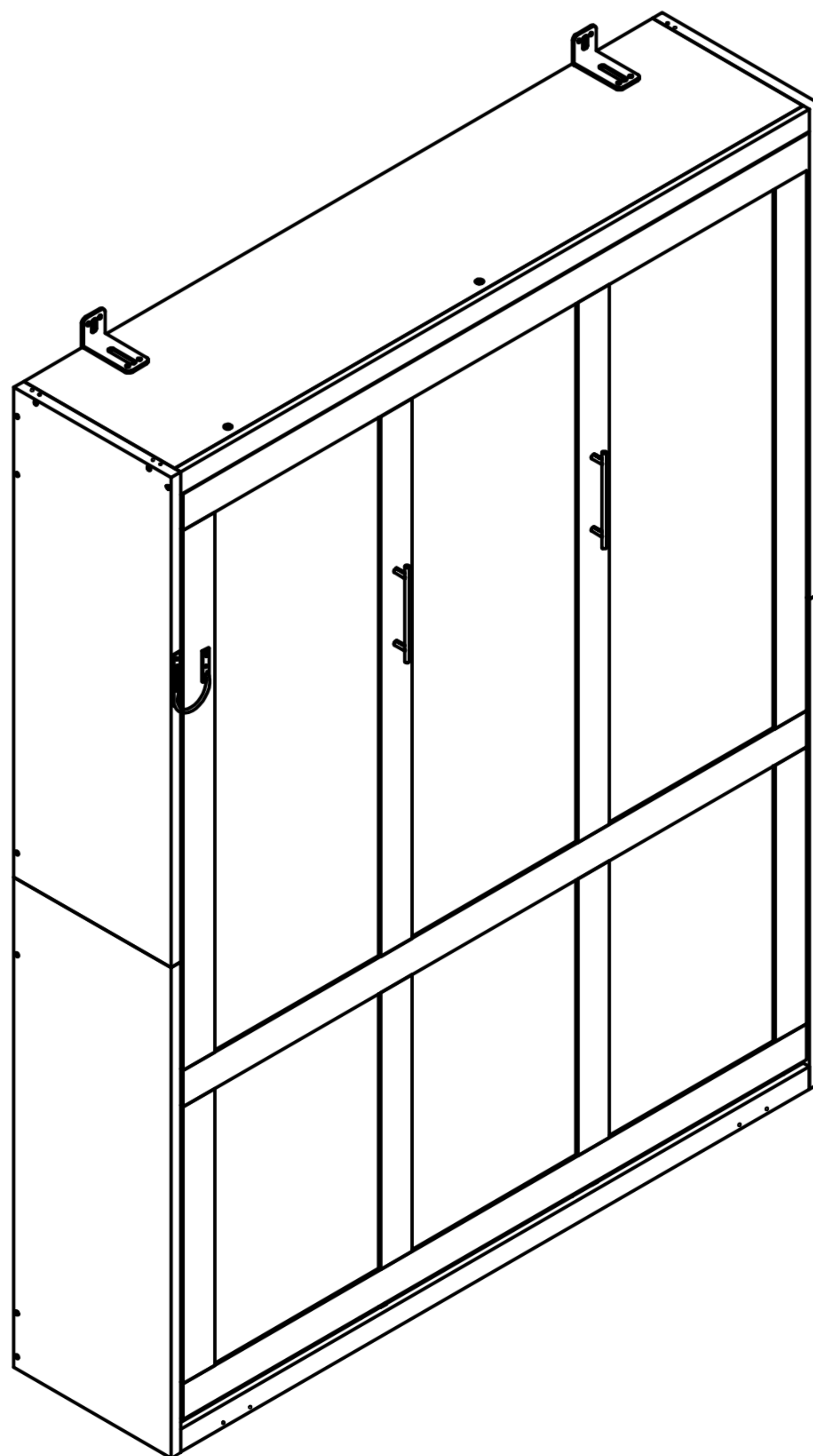
The maximum width of the mattress that the bed frame will fit is 60inch, the maximum length is 80inch, and the maximum thickness is 10inch. Suggested Mattress Size: Queen, Suggested Mattres Thickness: 8inch. (please note that the mattress weight less than 80lbs may cause the feet of the bed frame are off the ground)





WARNING

Recommended Maximum Weight



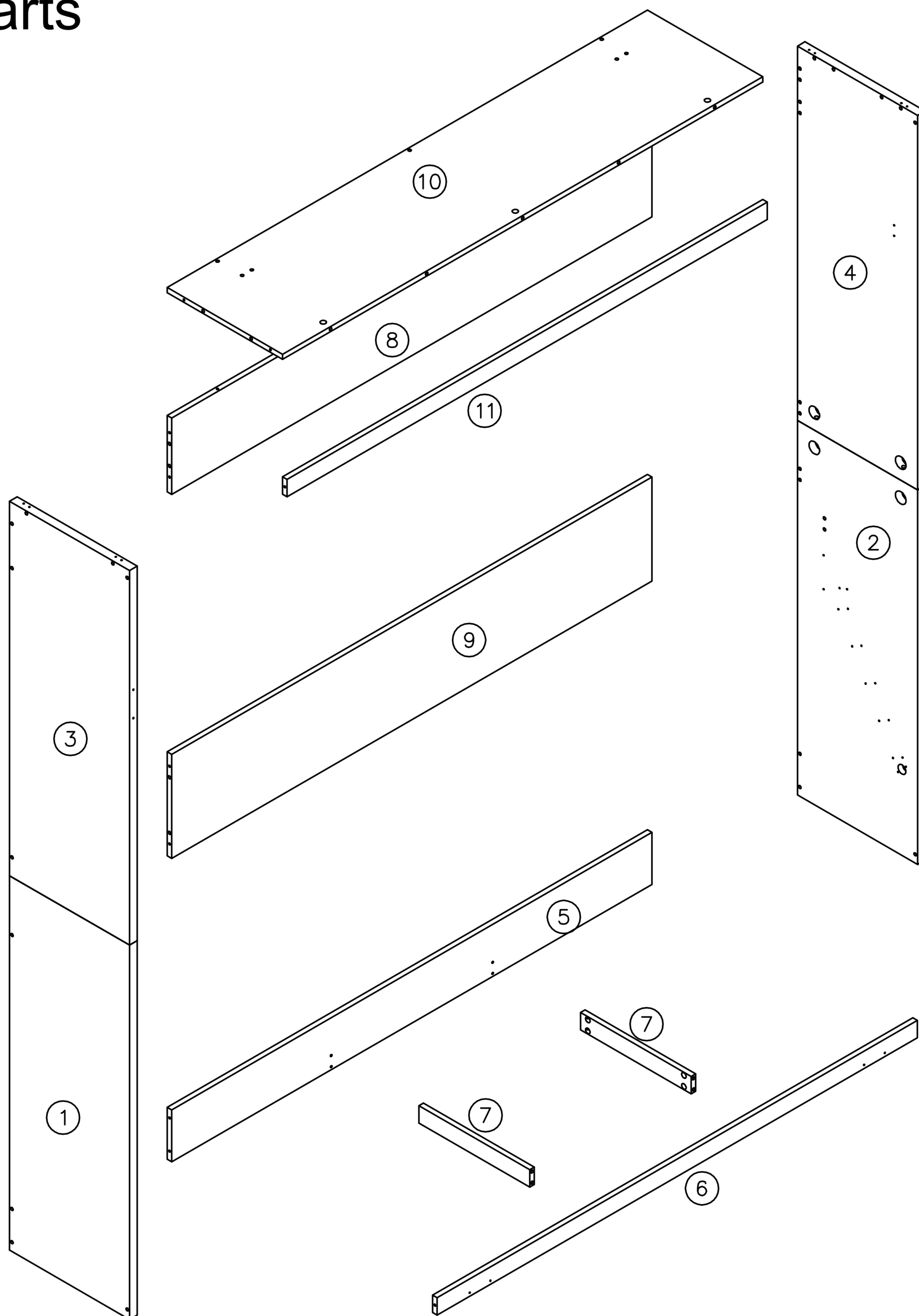
Read all instructions before using this product.

1. This unit has been designed to support the maximum loads shown. Exceeding these load limits could cause sagging, instability, product collapse, and/or serious injury.
2. Avoid sharp objects and corrosive chemicals to prevent damage to the product or bodily injury.
3. Not intended for use in humid environment to prevent mildew, such as bathrooms, laundry areas and similar indoor locations. Do not use outdoors.
4. Don't allow anybody stand or climb on the unit. Serious or fatal crushing injuries can occur from furniture tip over. To prevent tip over this furniture must be used with the wall attachment devices provided.

Useful Hints before you start:

1. Place soft packaging material on the floor to protect surface of product during assembly work.
2. It is important that each step is performed in correct order to avoid difficulties.
3. Align all screws with corresponding pre-drilled holes first and tighten.
4. Screws may become loose during long-term use, retighten them to ensure stability and security.
5. Using incompatible hardware might cause damage to product.

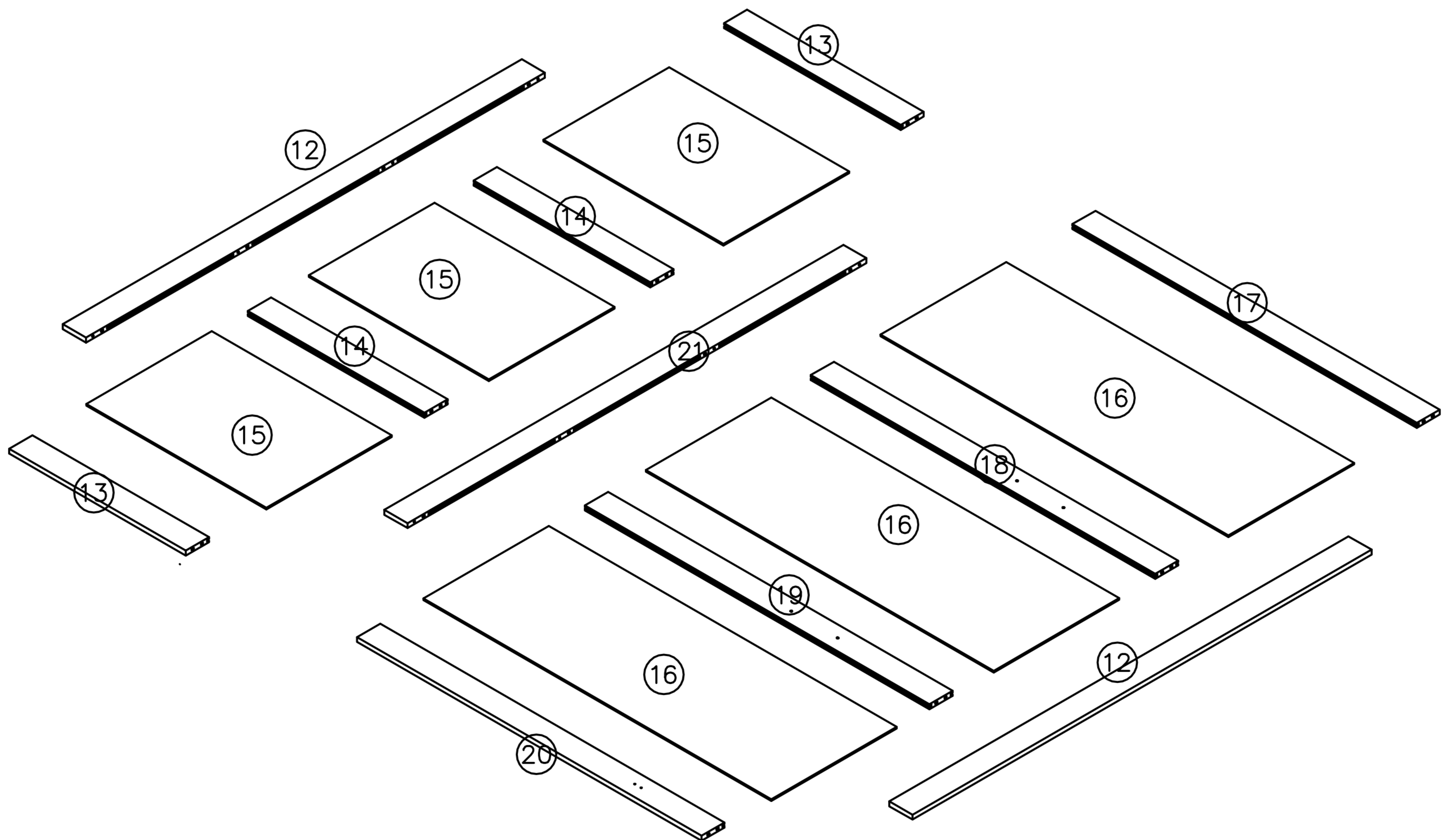
parts



WARNING:

To avoid causing unnecessary troubles,
Please check whether the components with corresponding
numbers are installed correctly according to the diagram.

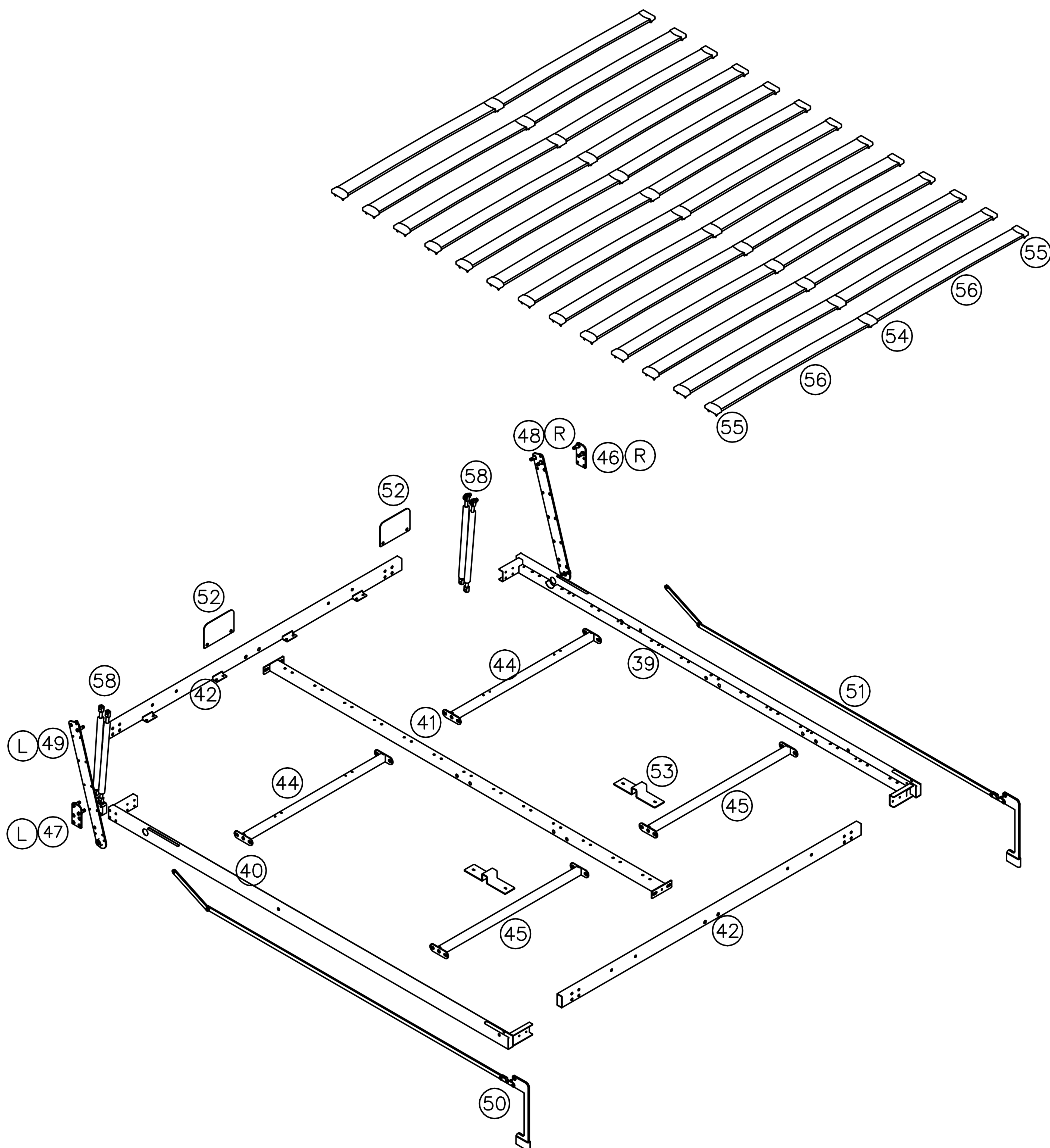
parts



WARNING:

To avoid causing unnecessary troubles,
Please check whether the components with corresponding
numbers are installed correctly according to the diagram.

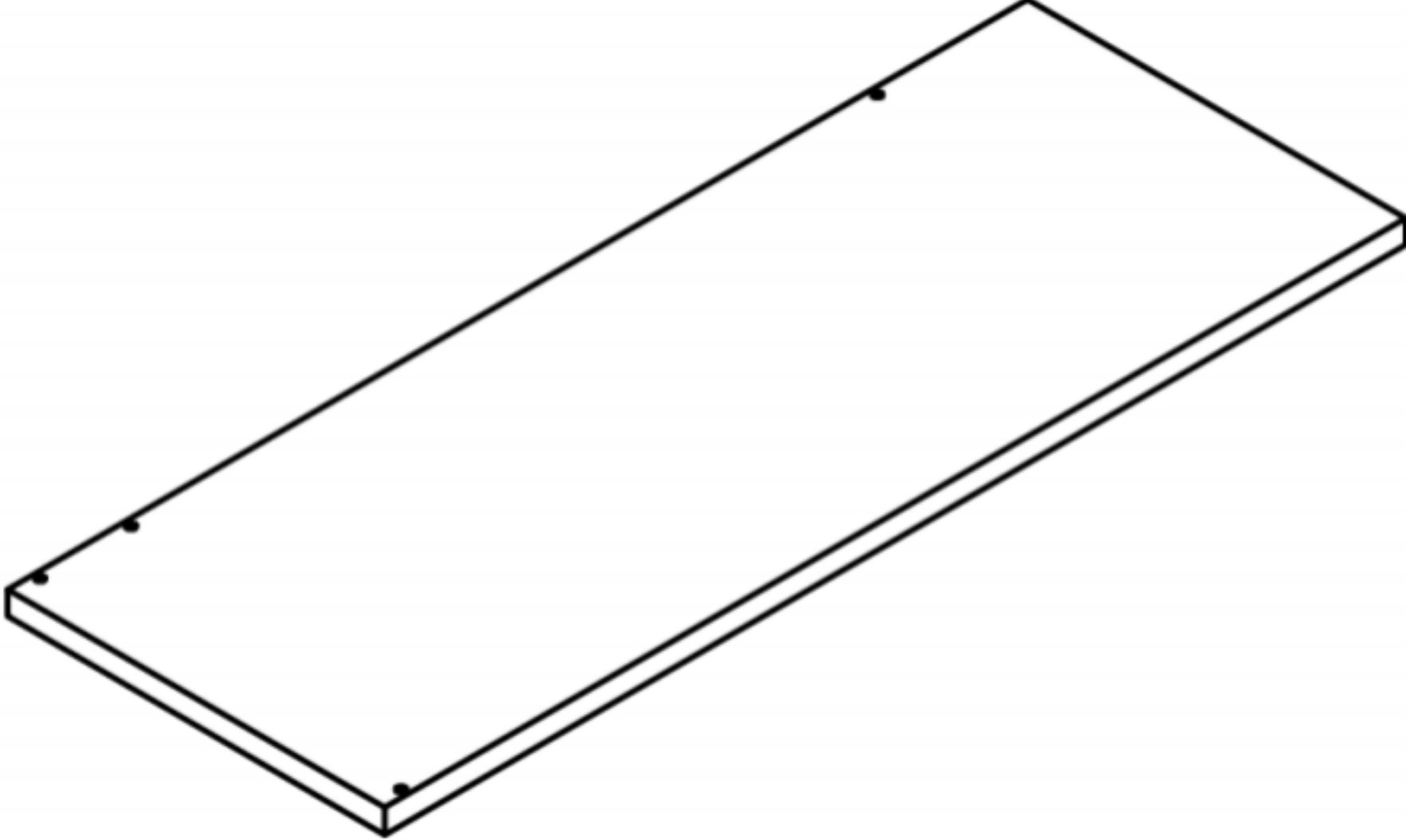
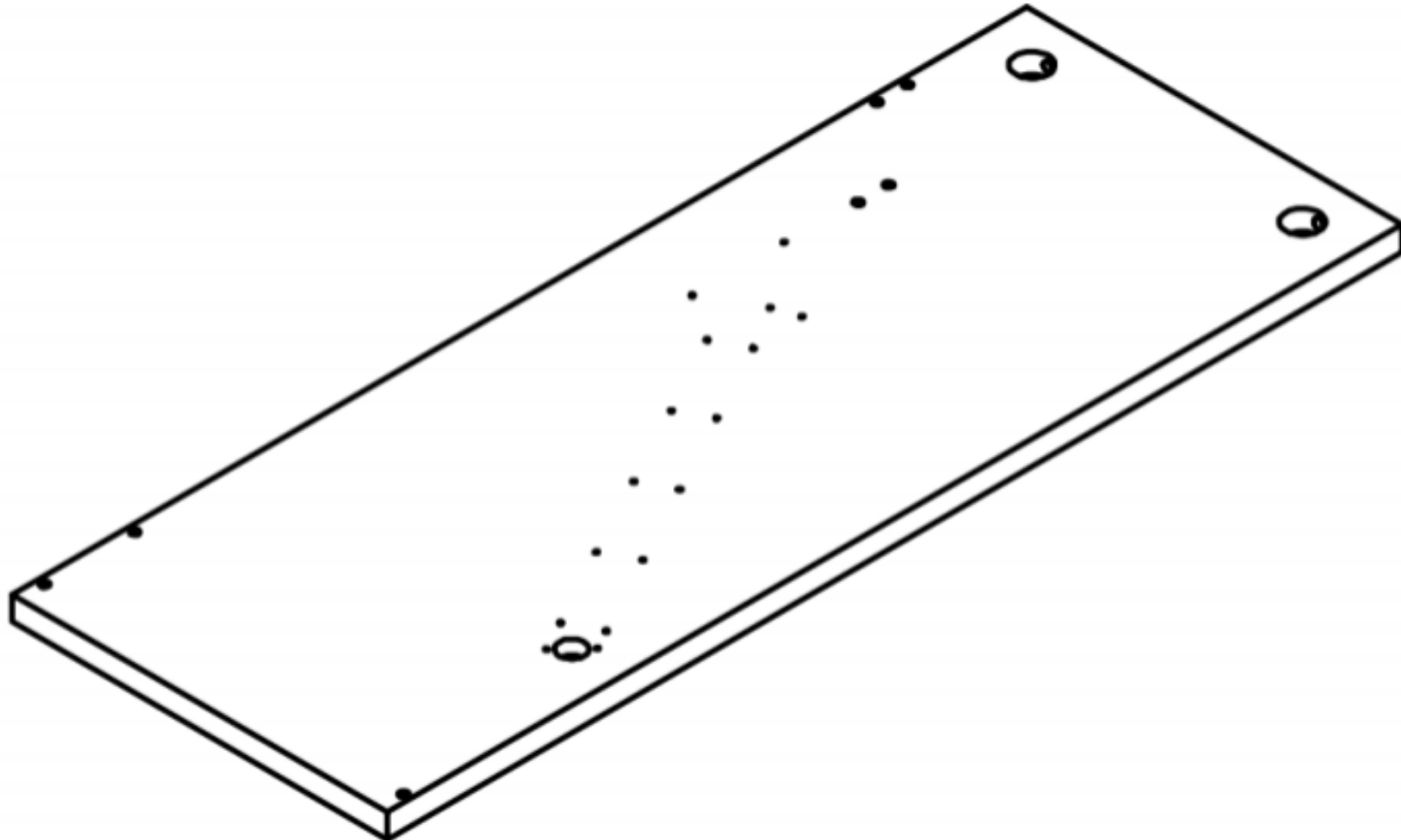
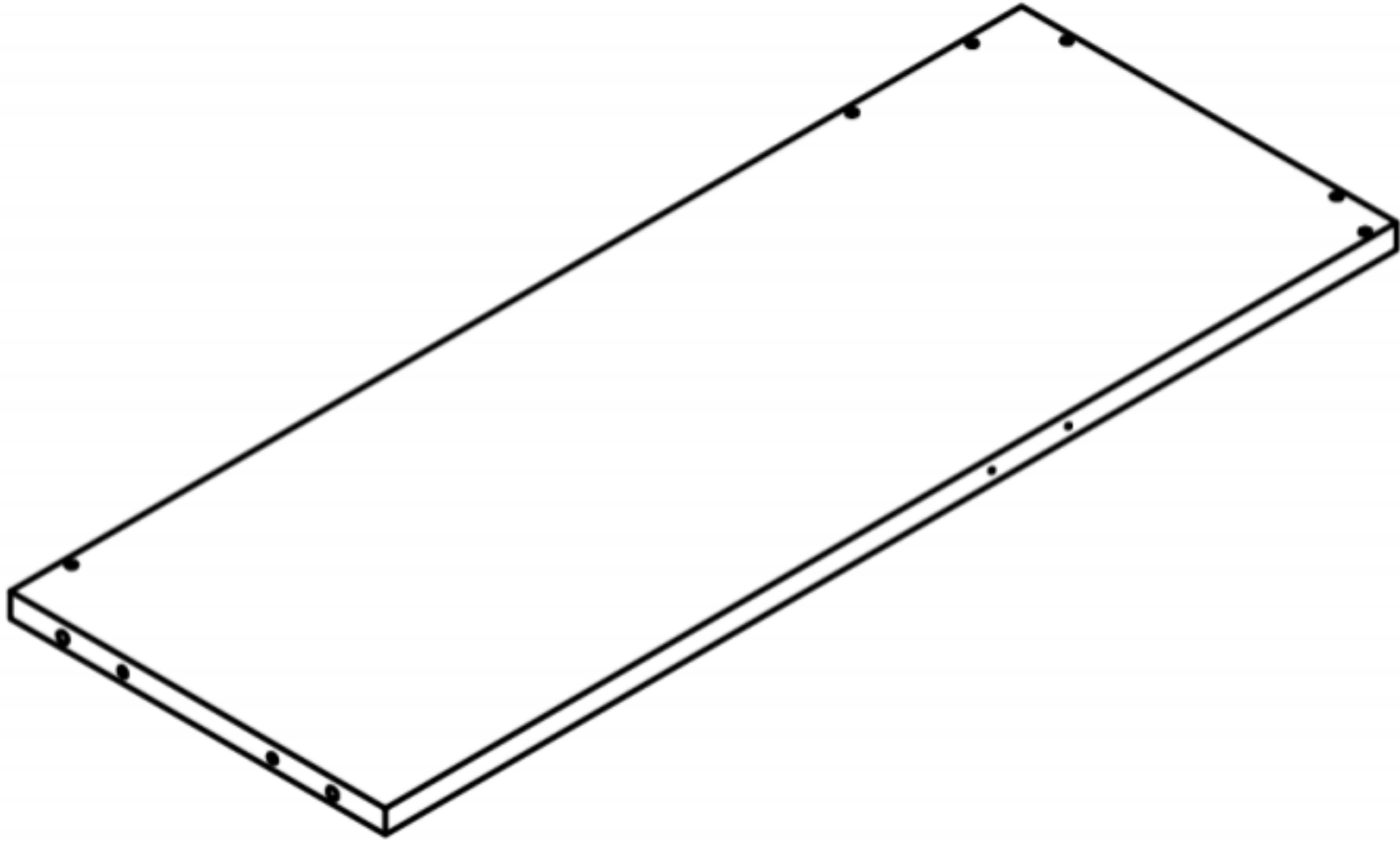
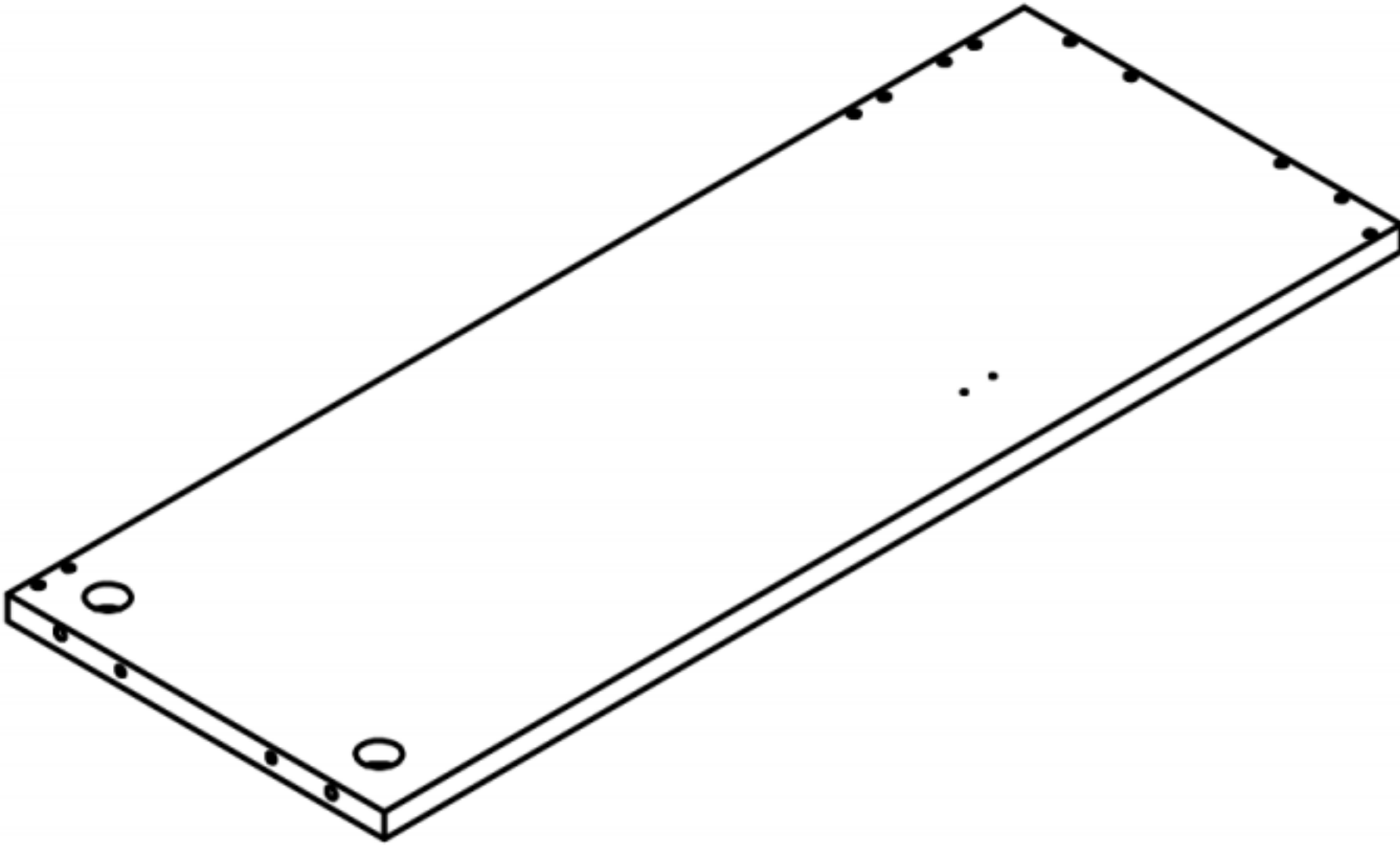
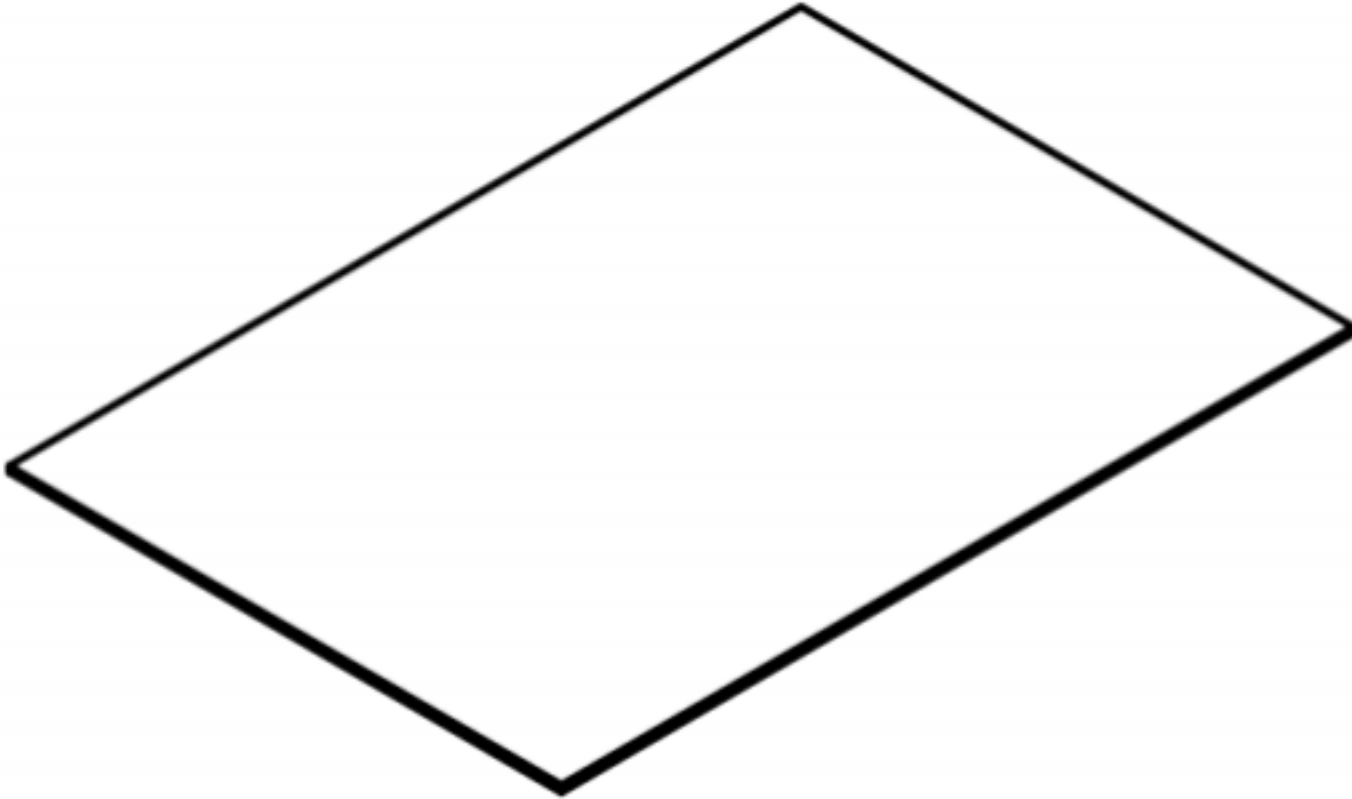
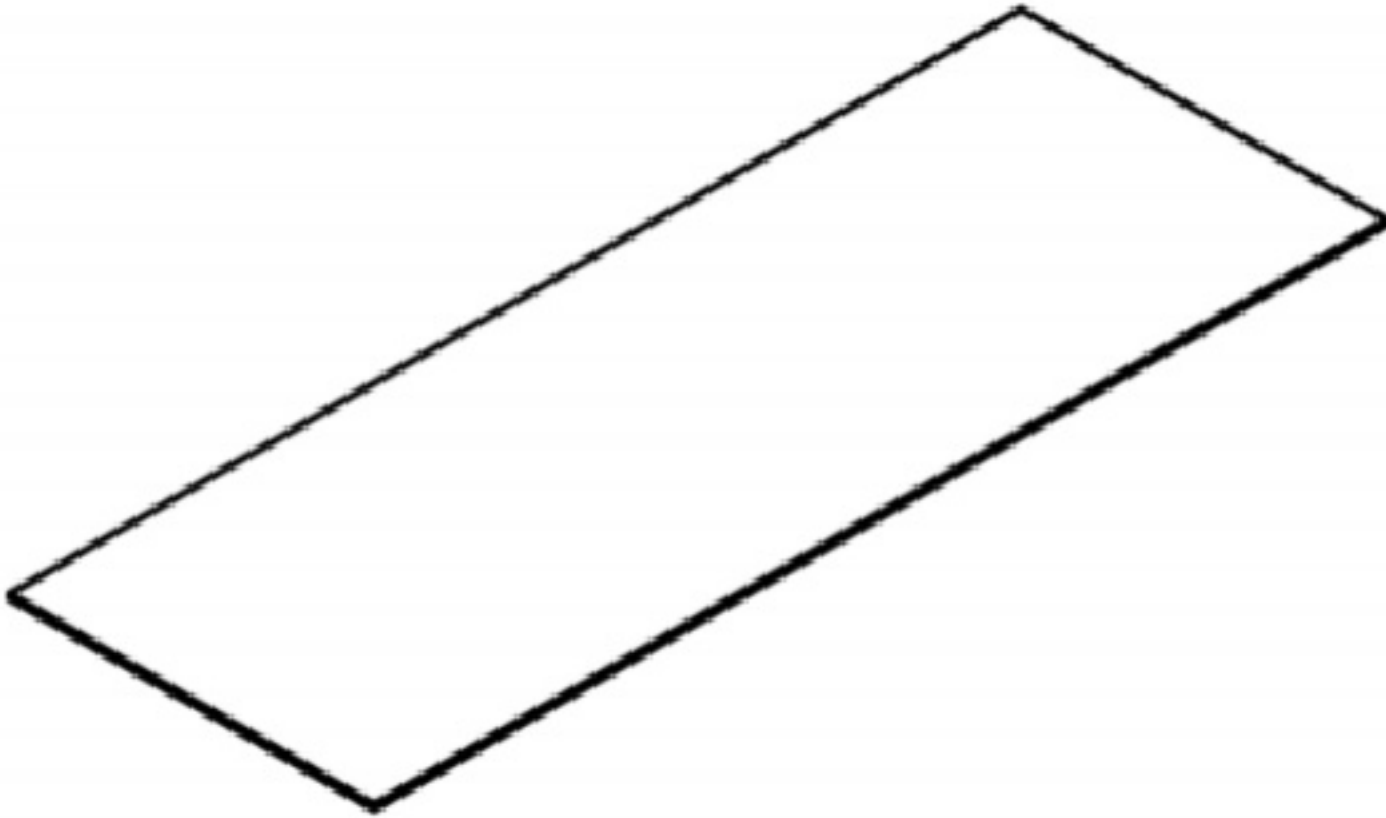
parts



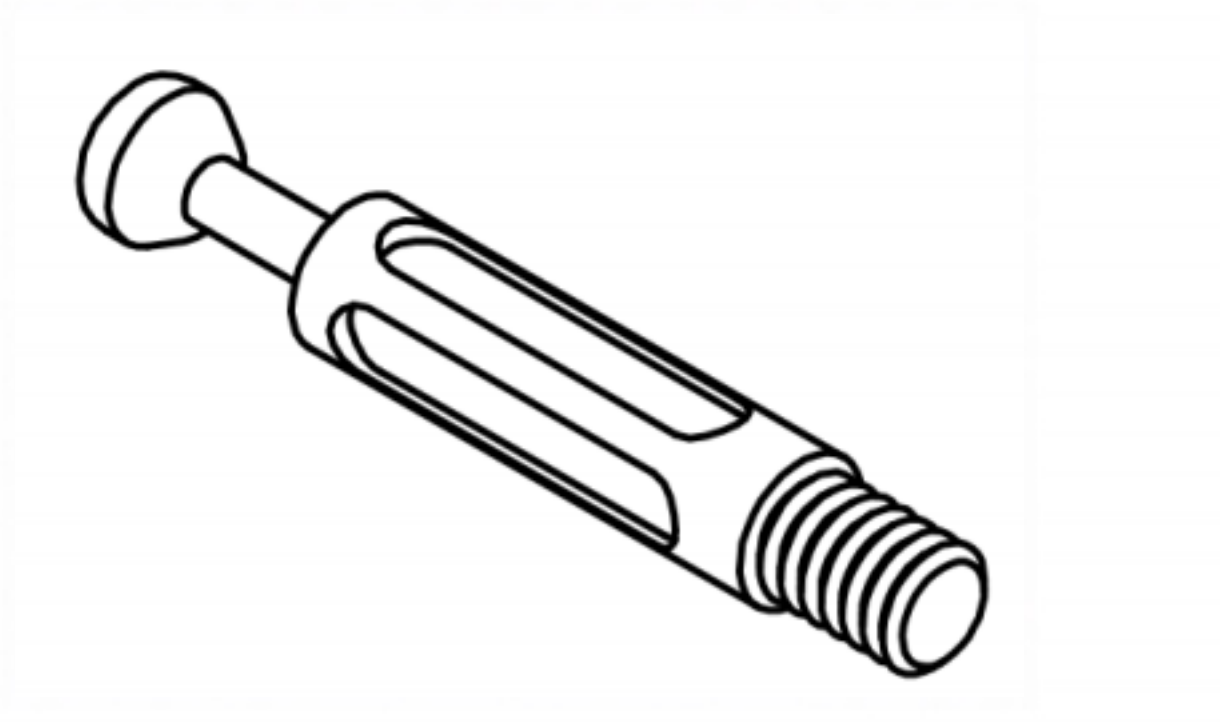
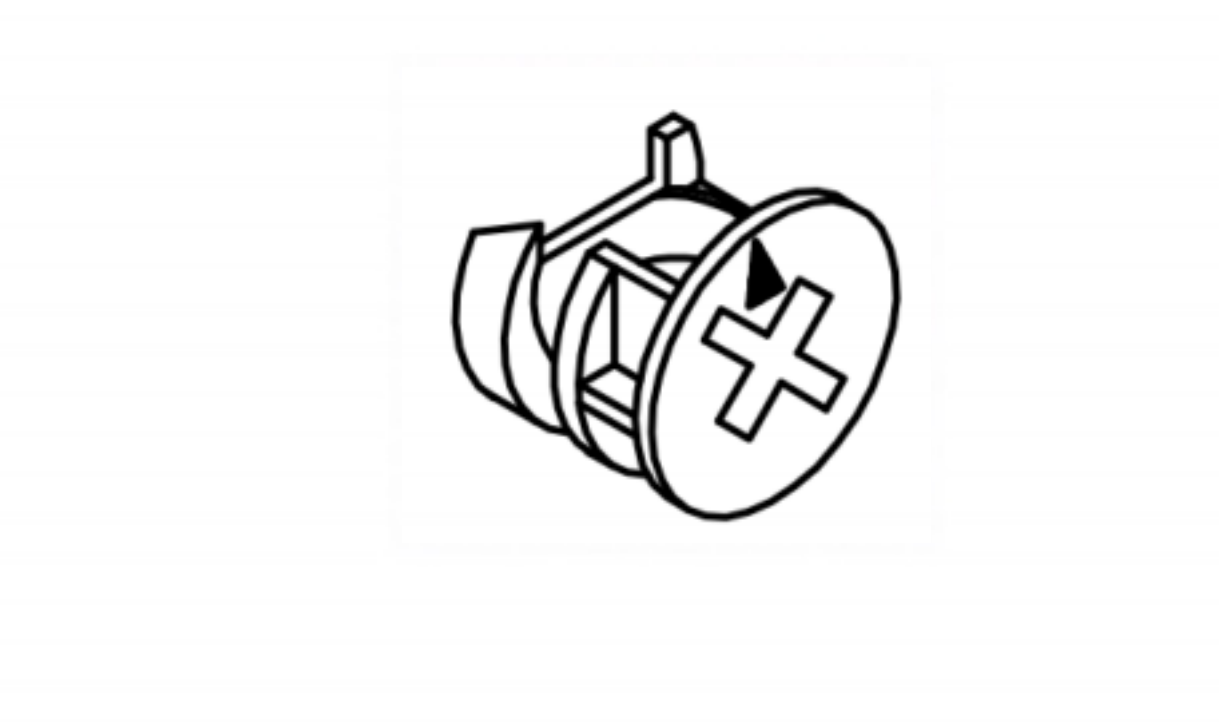
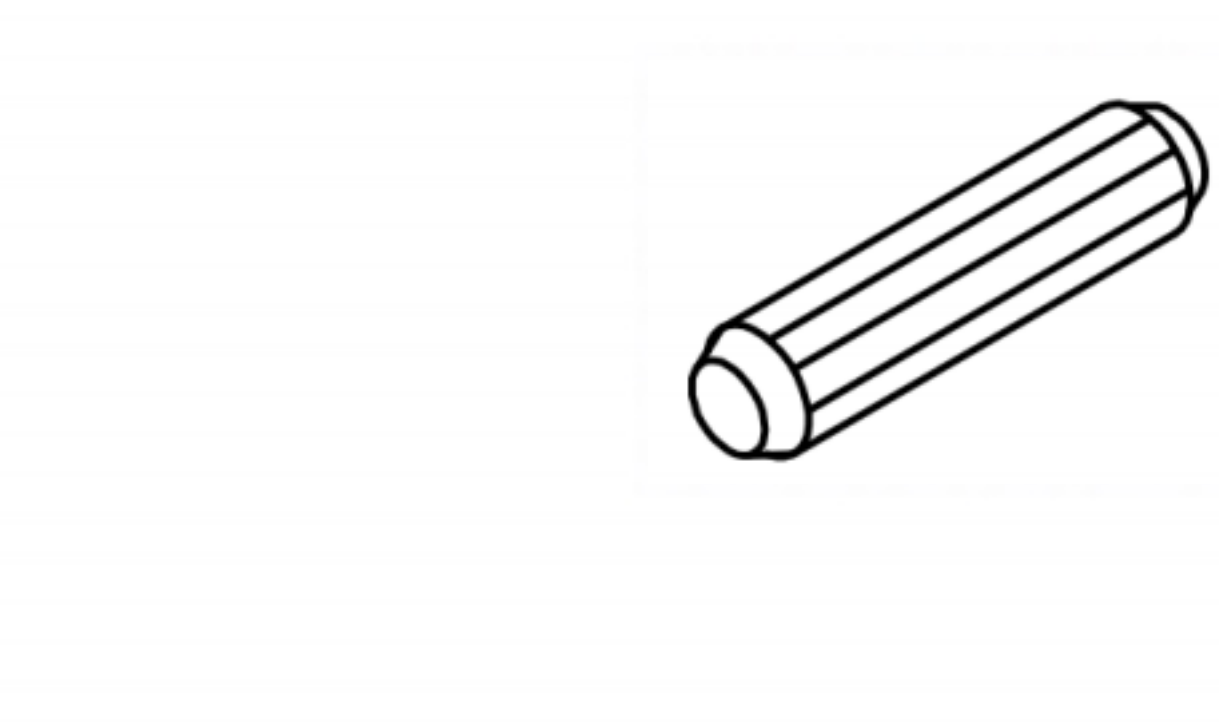
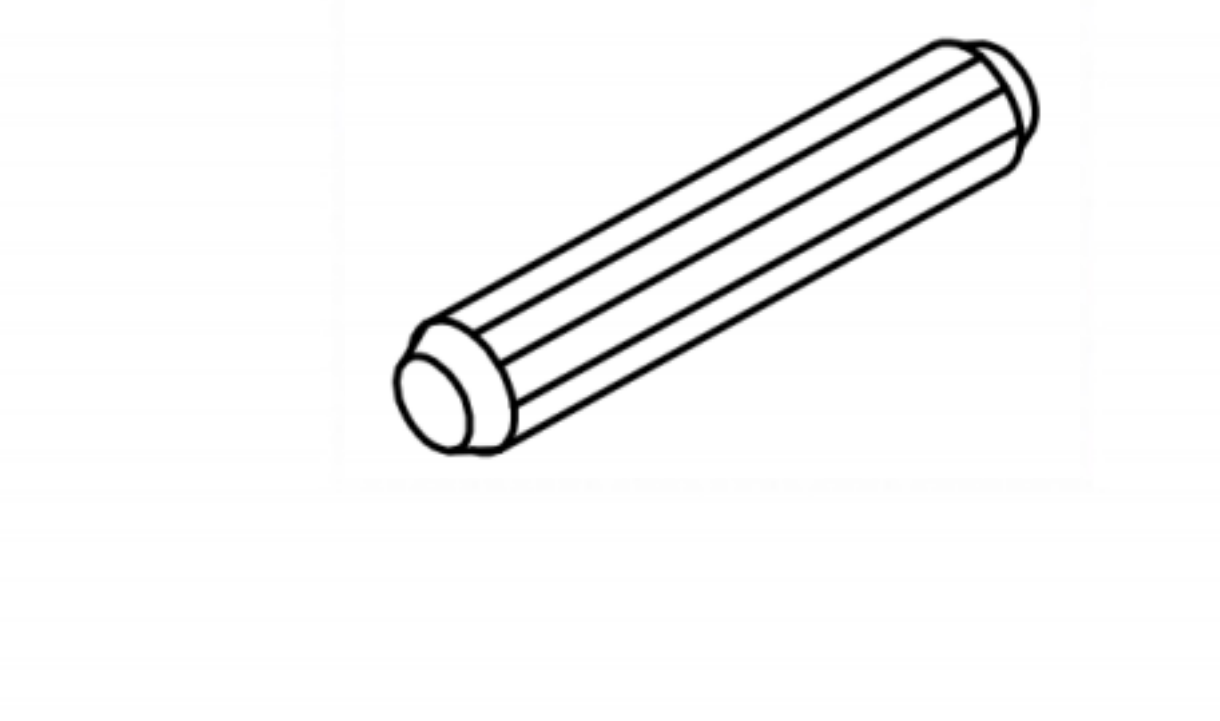
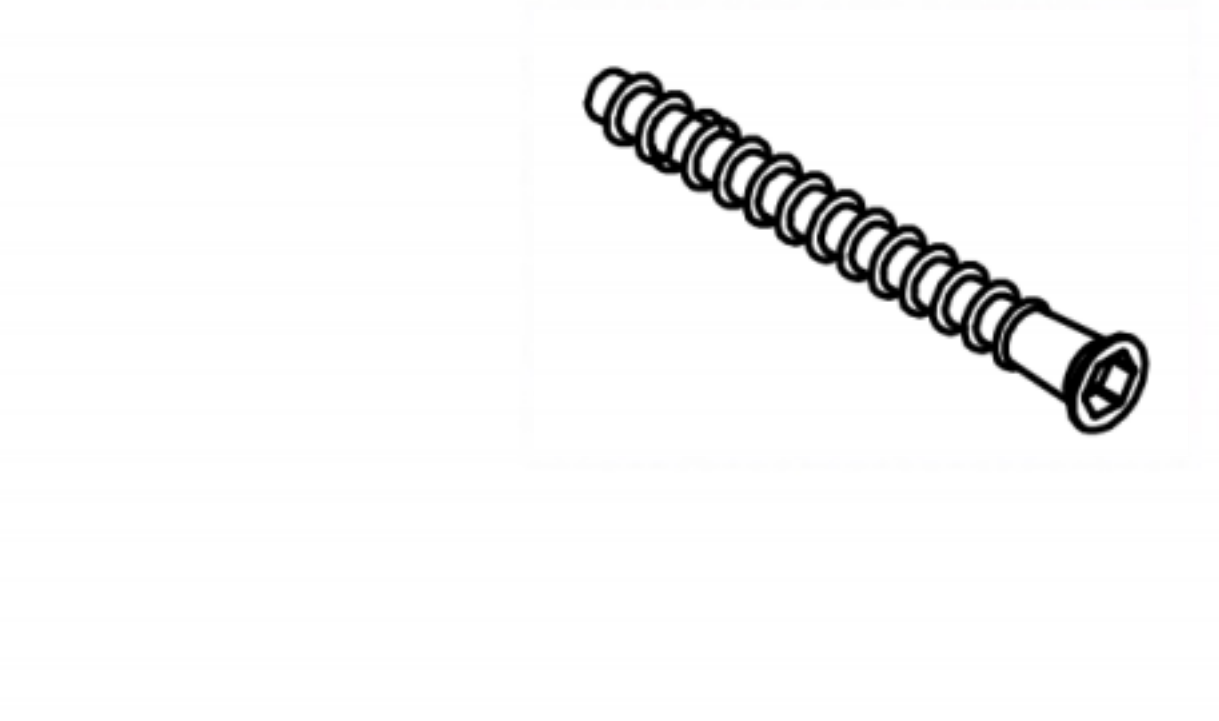
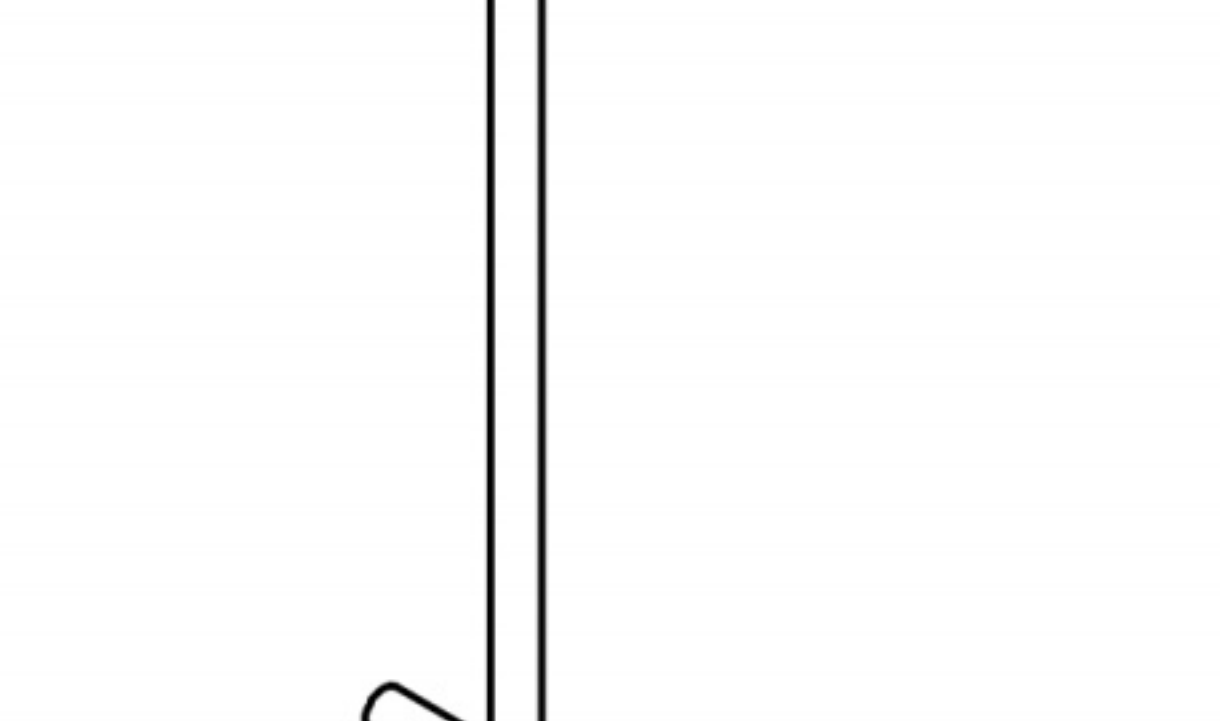
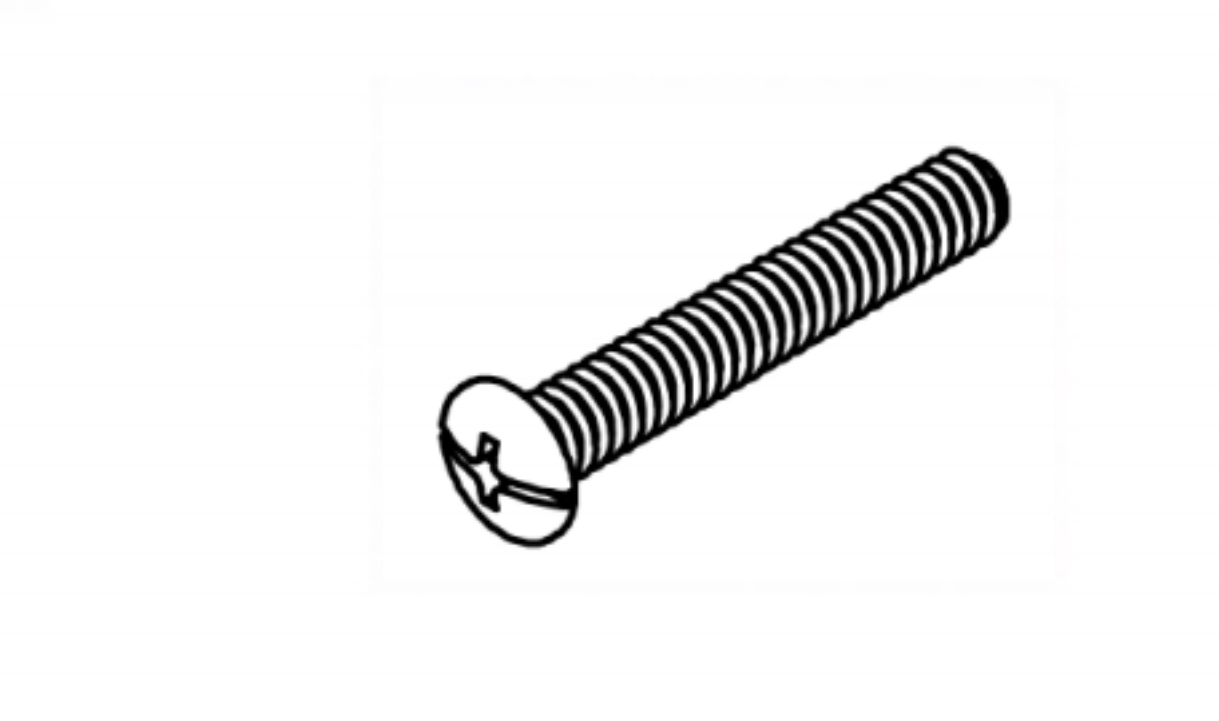
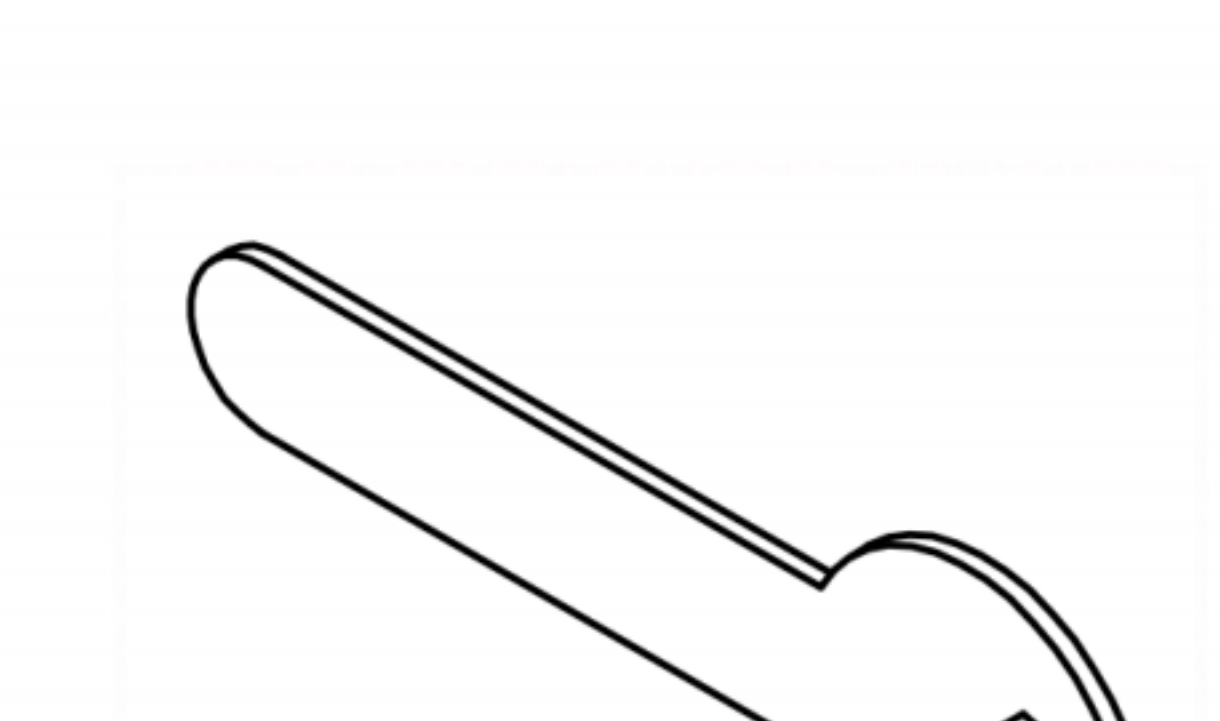
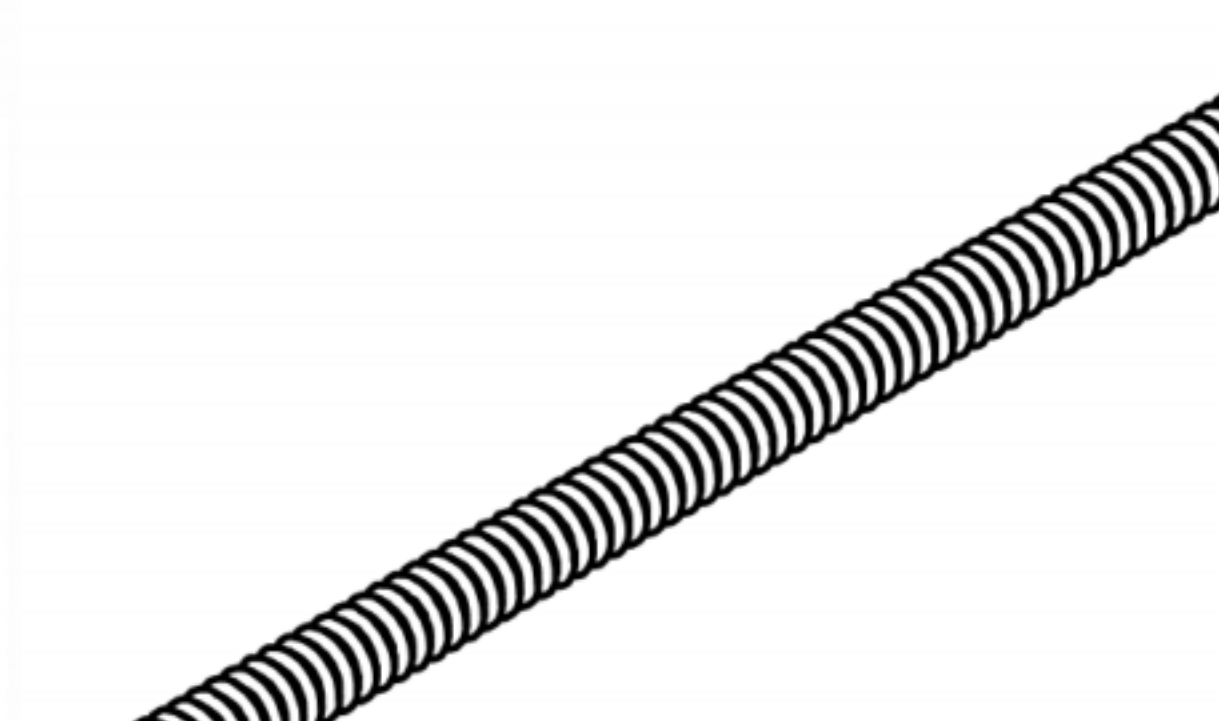
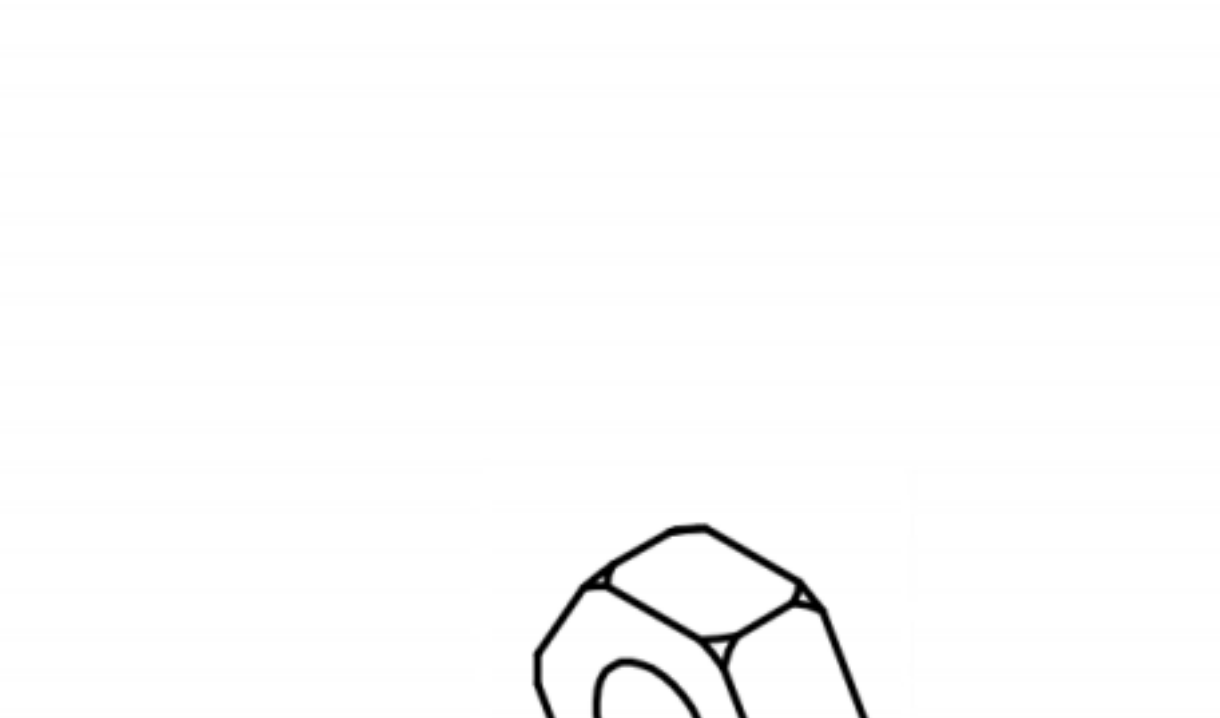
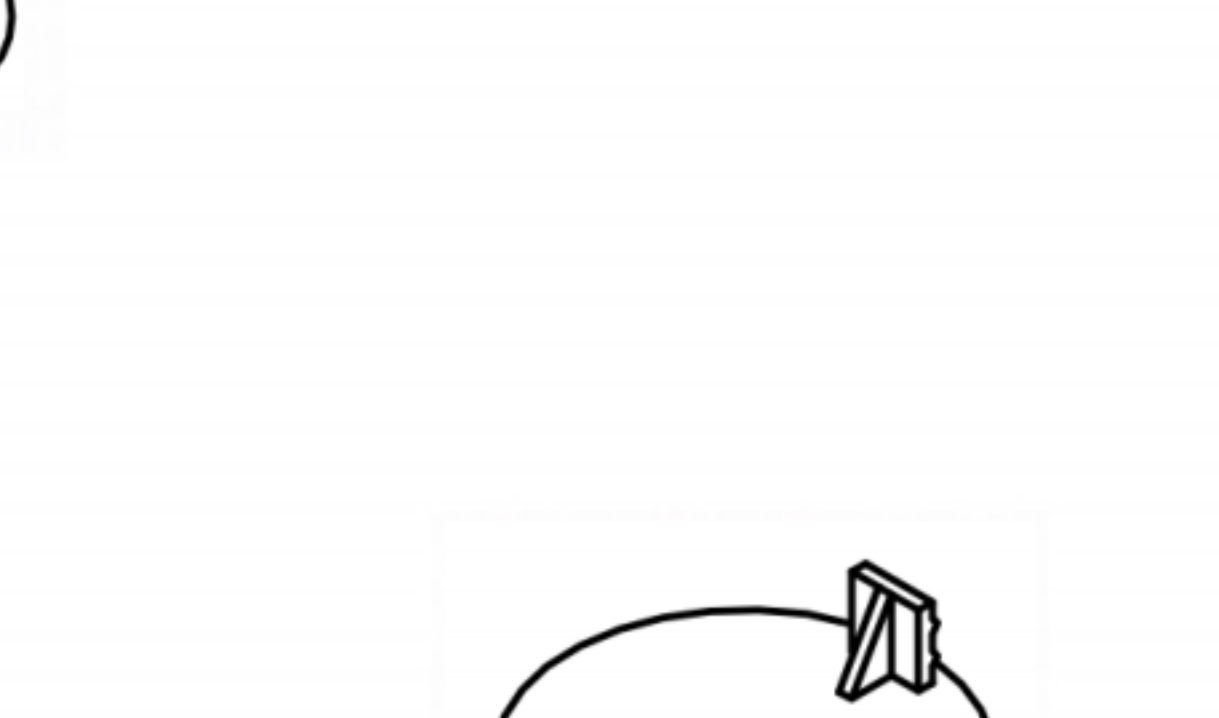
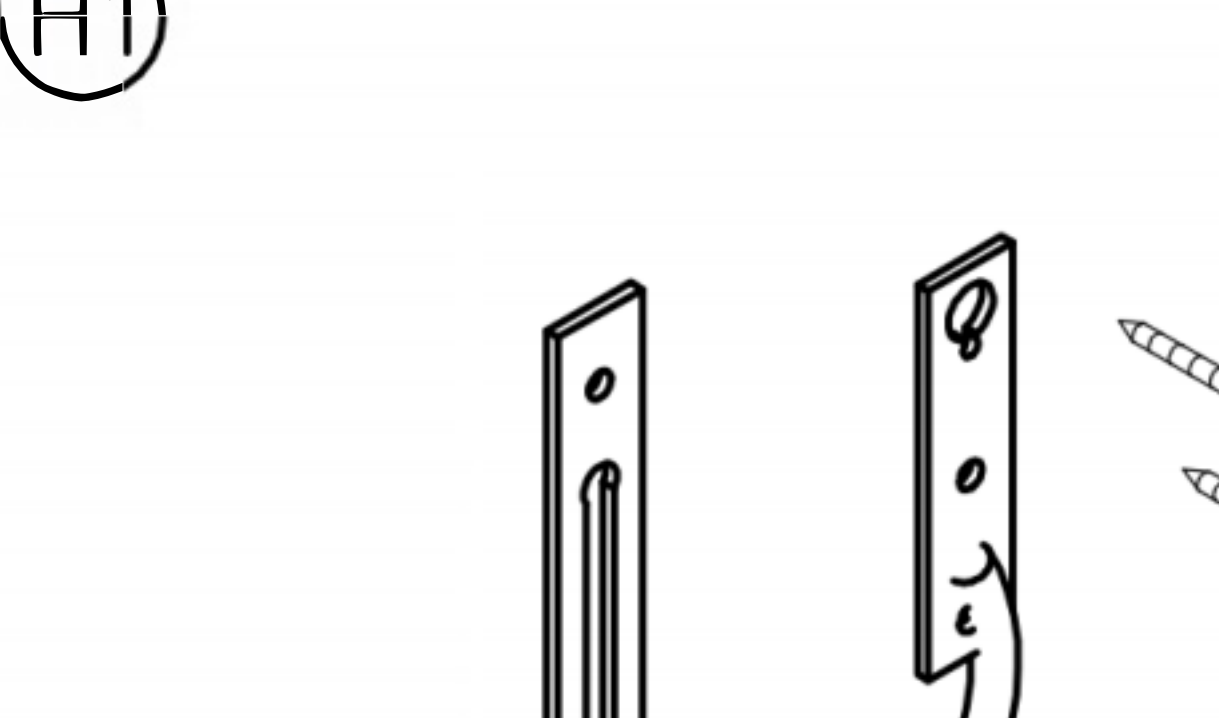
WARNING:

To avoid causing unnecessary troubles,
Please check whether the components with corresponding
numbers are installed correctly according to the diagram.

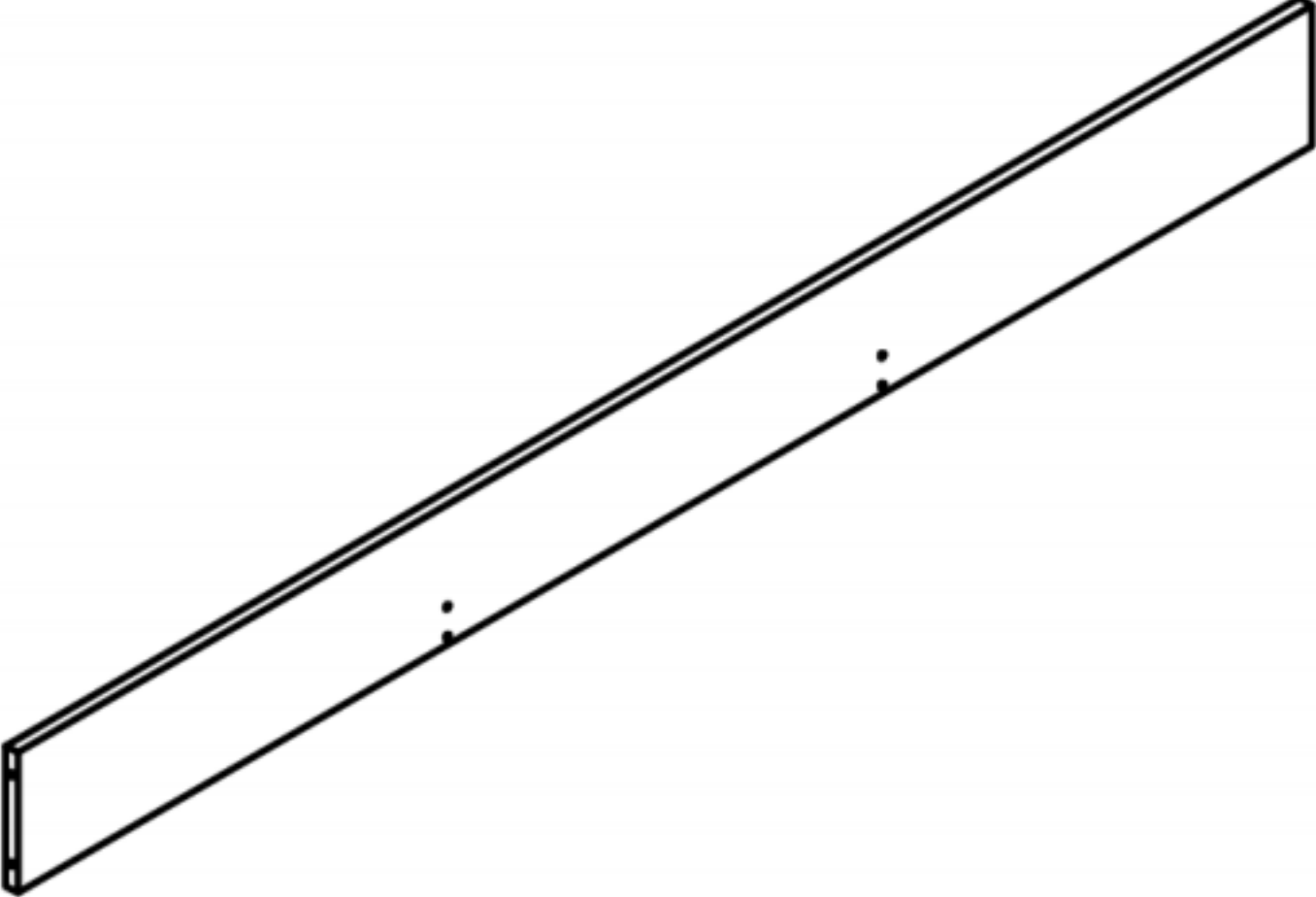
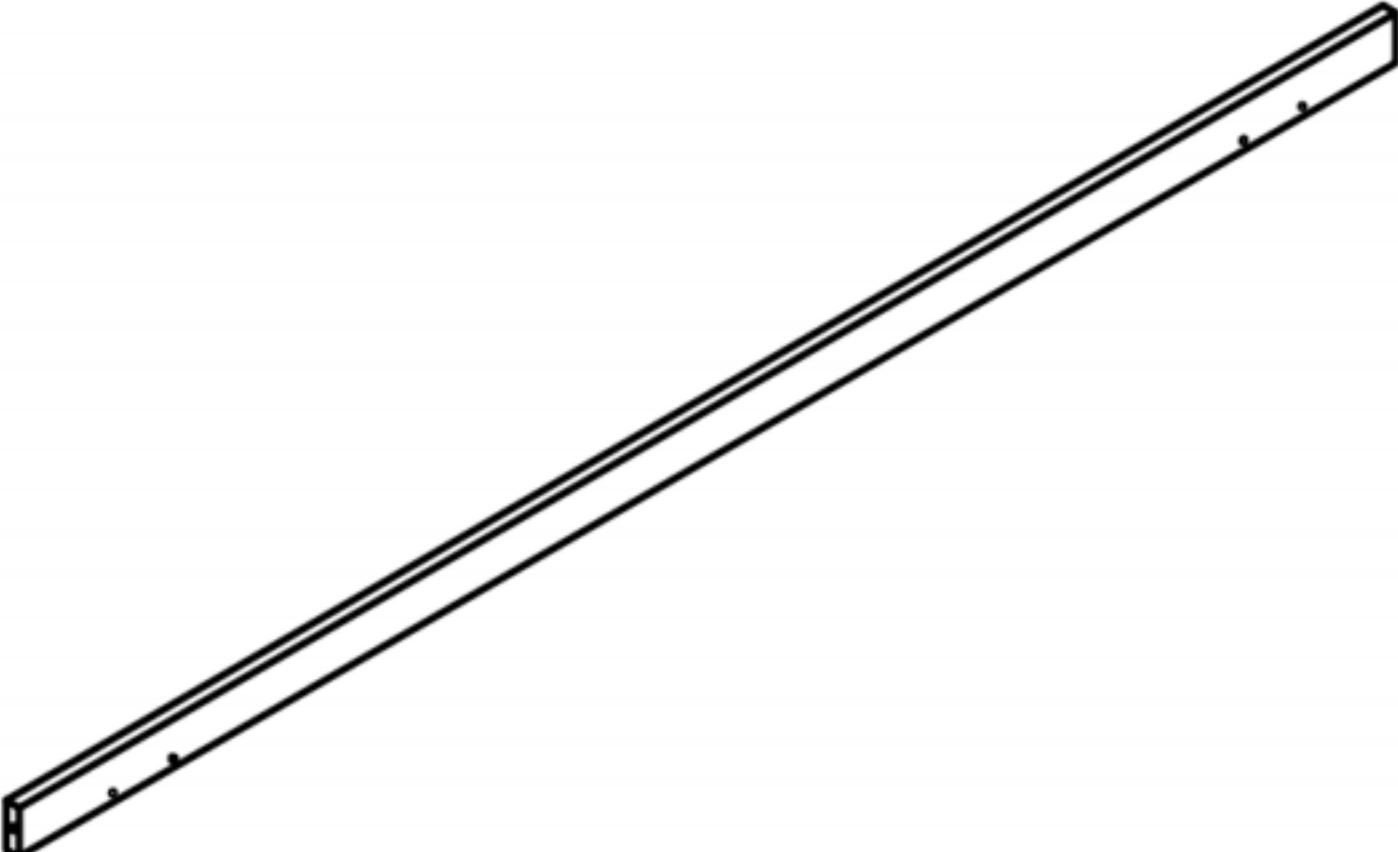
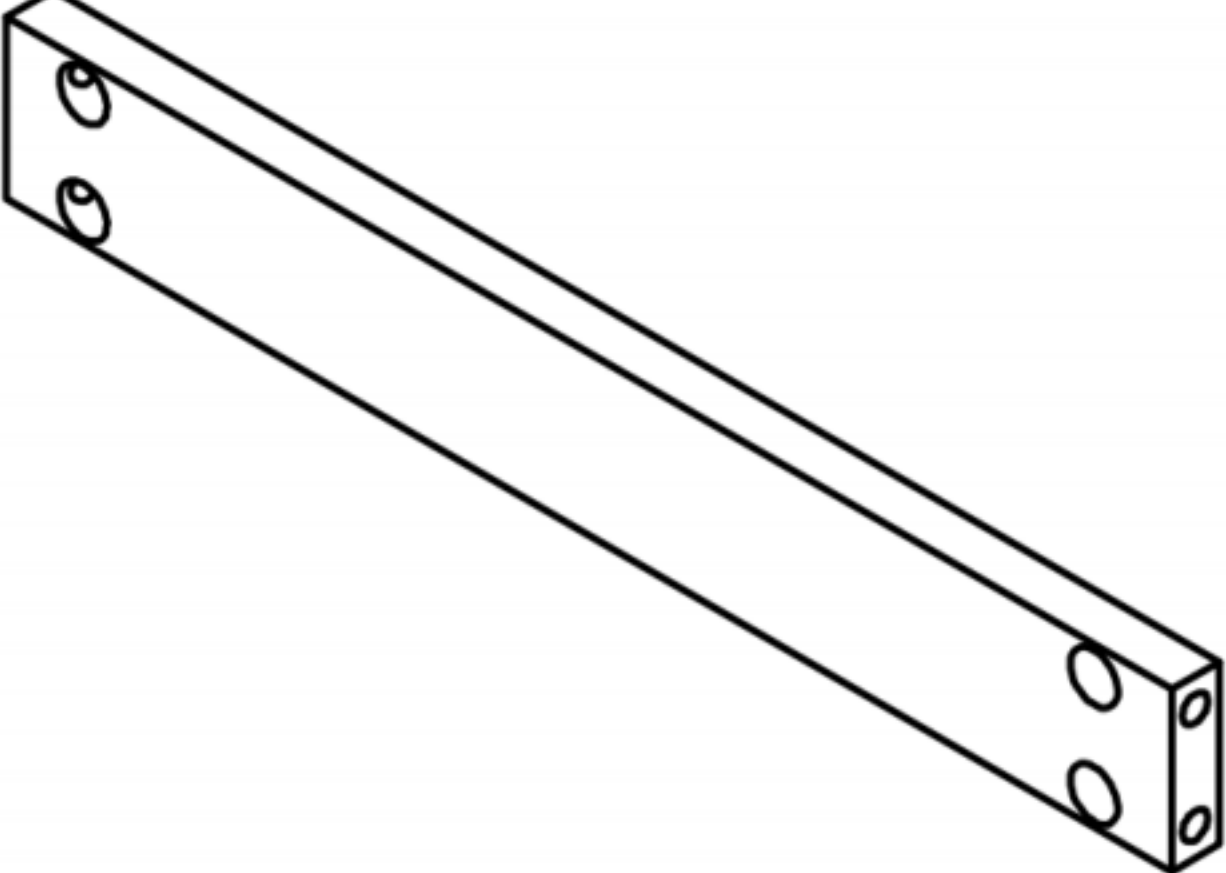
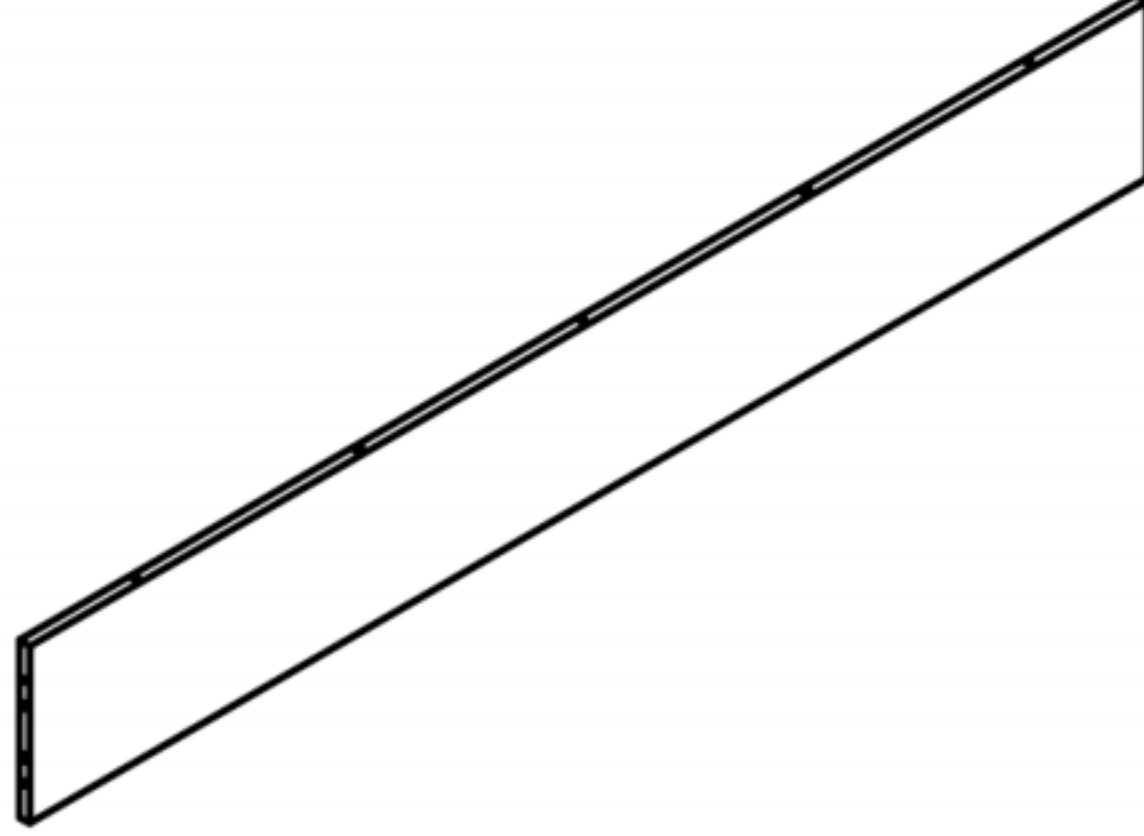
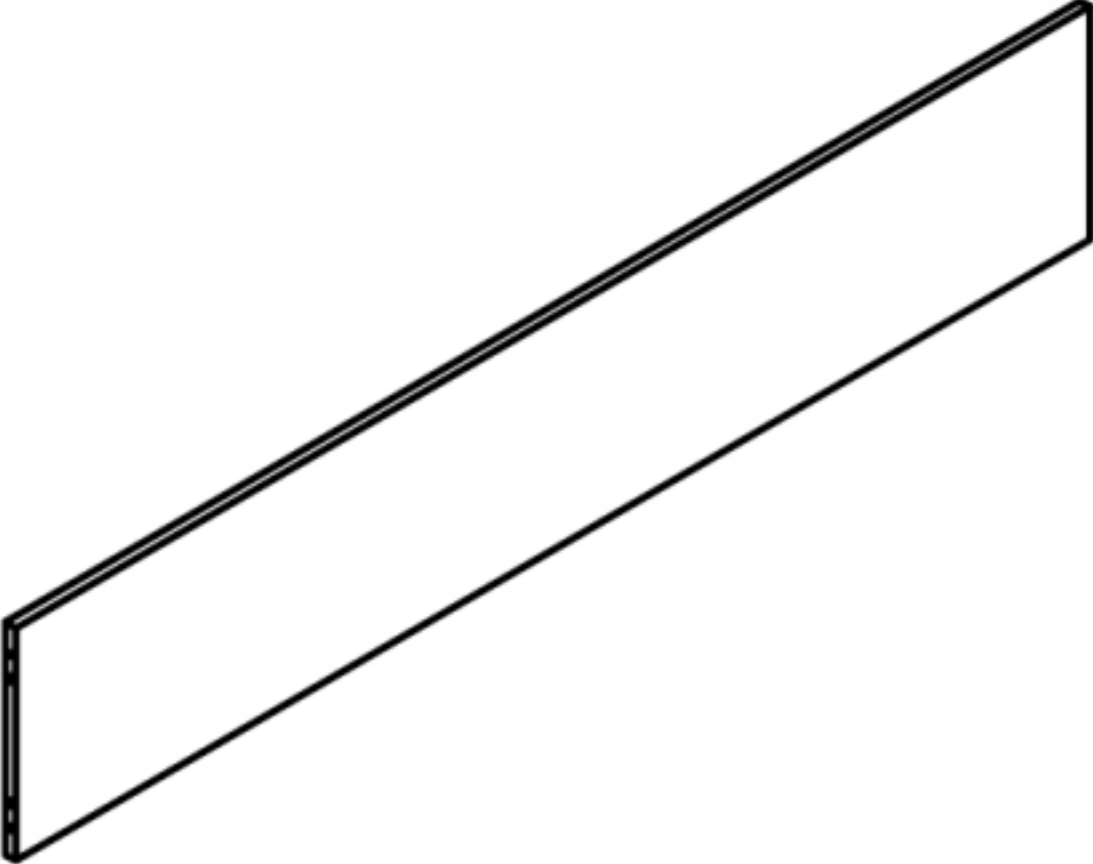
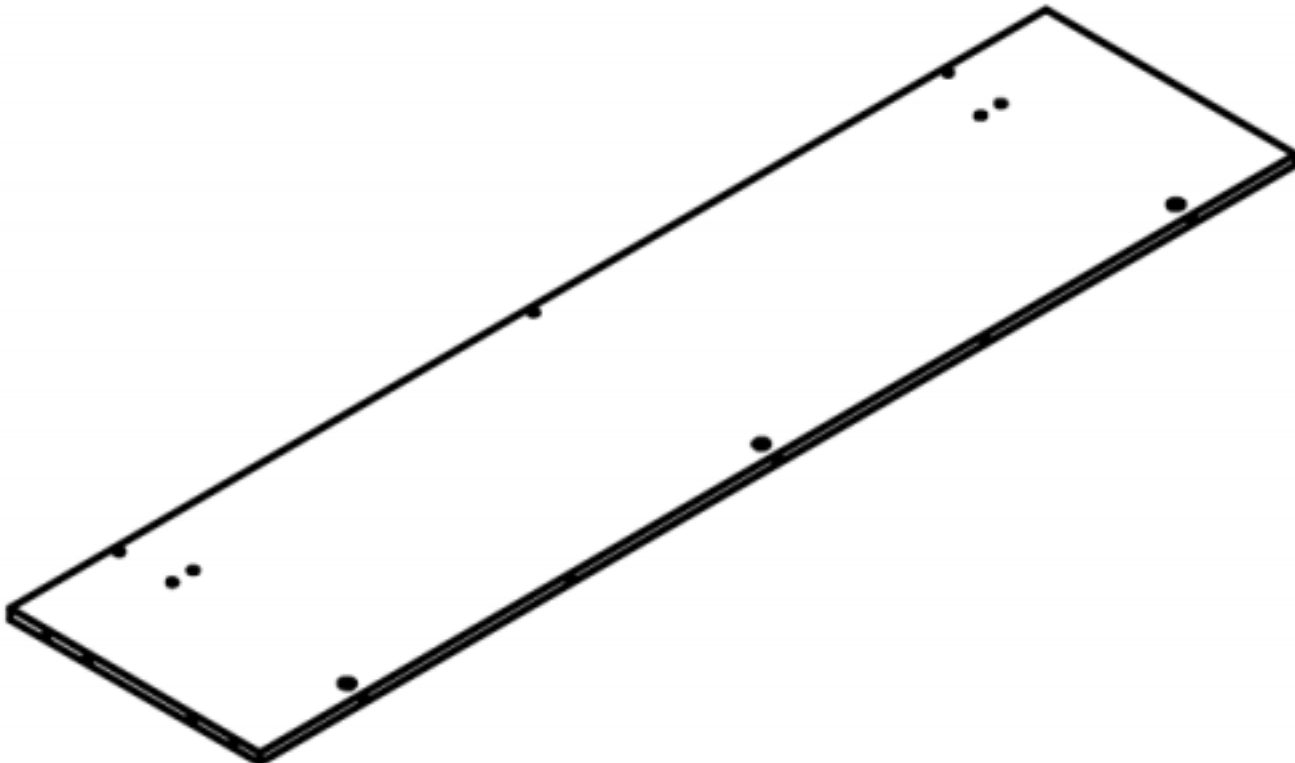
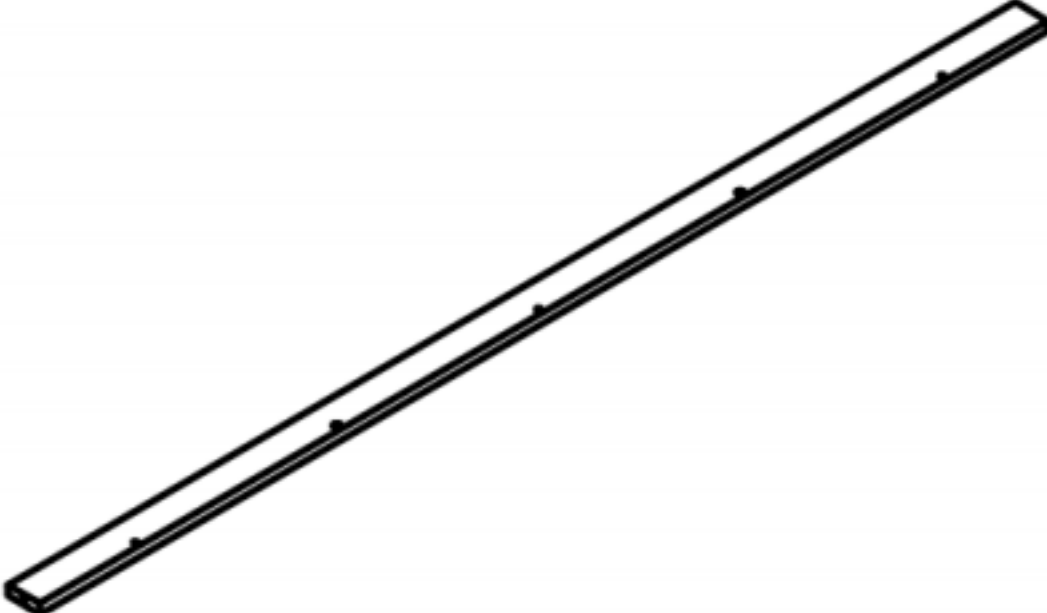
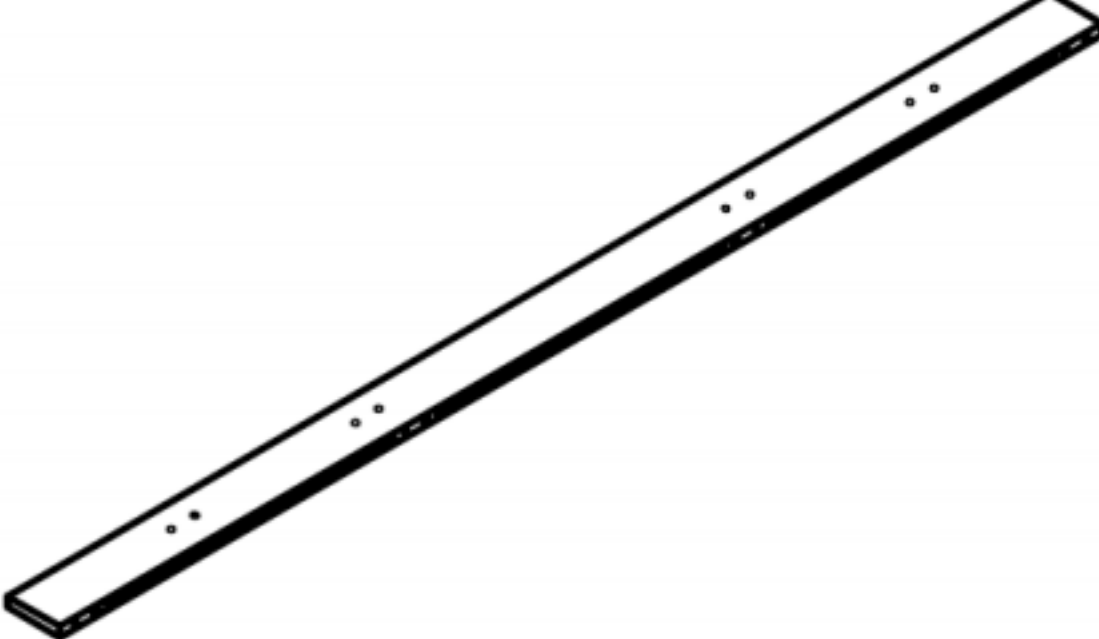
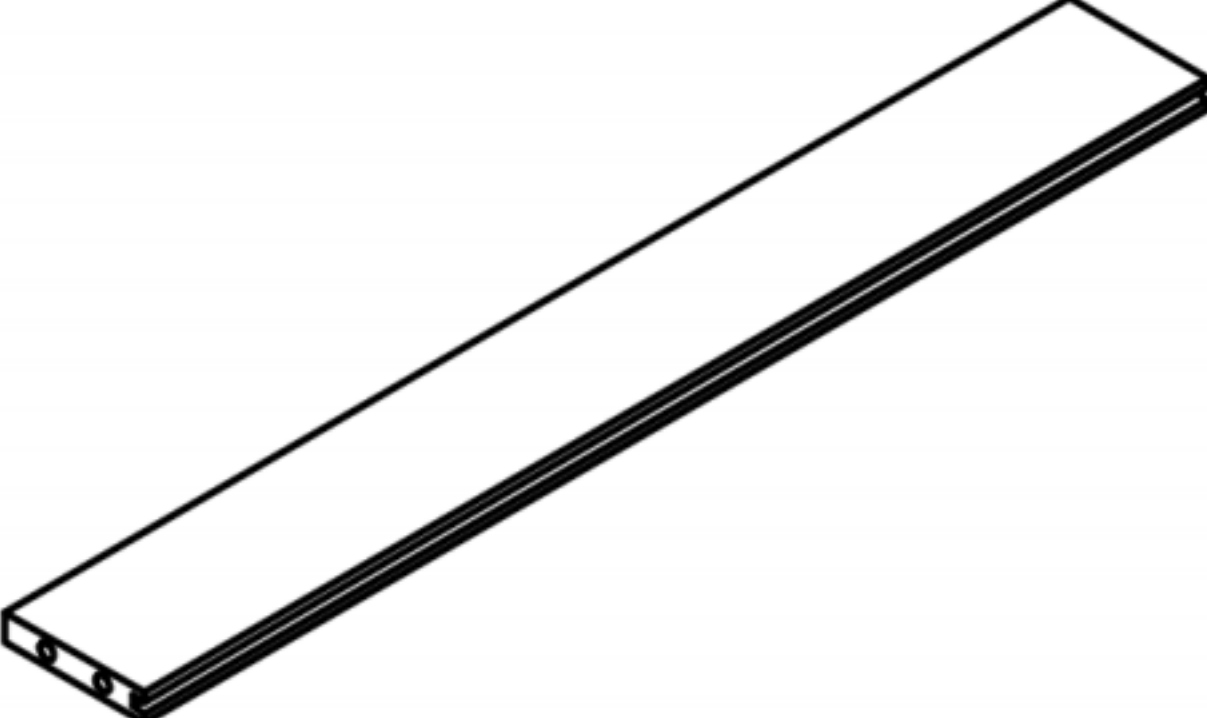
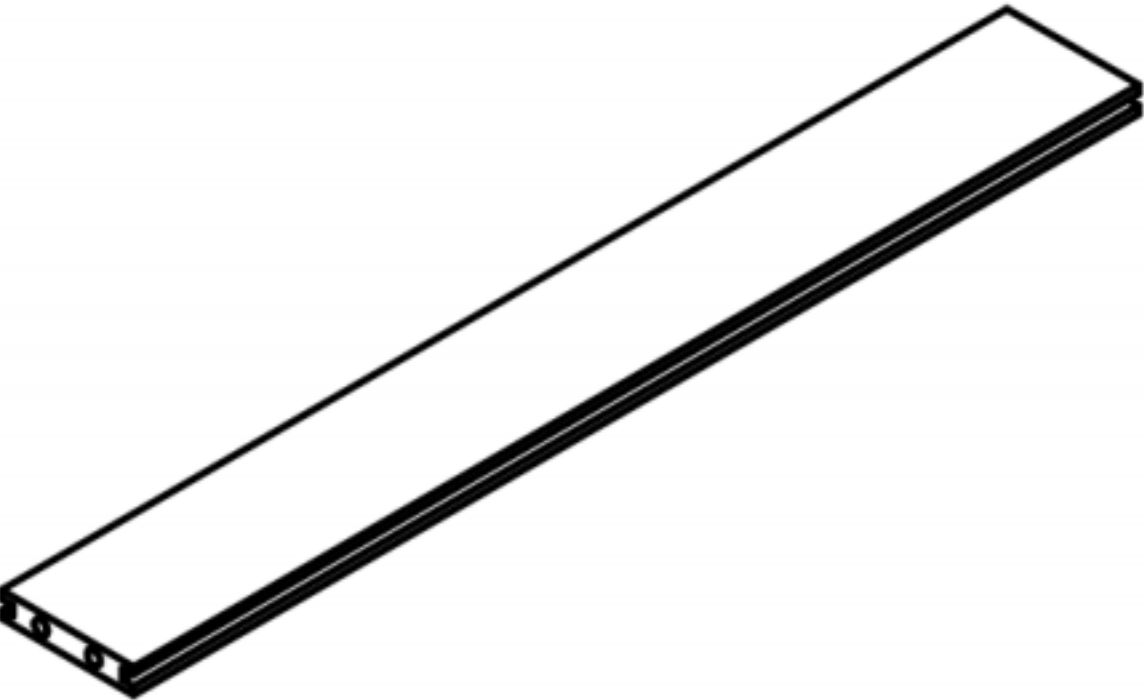
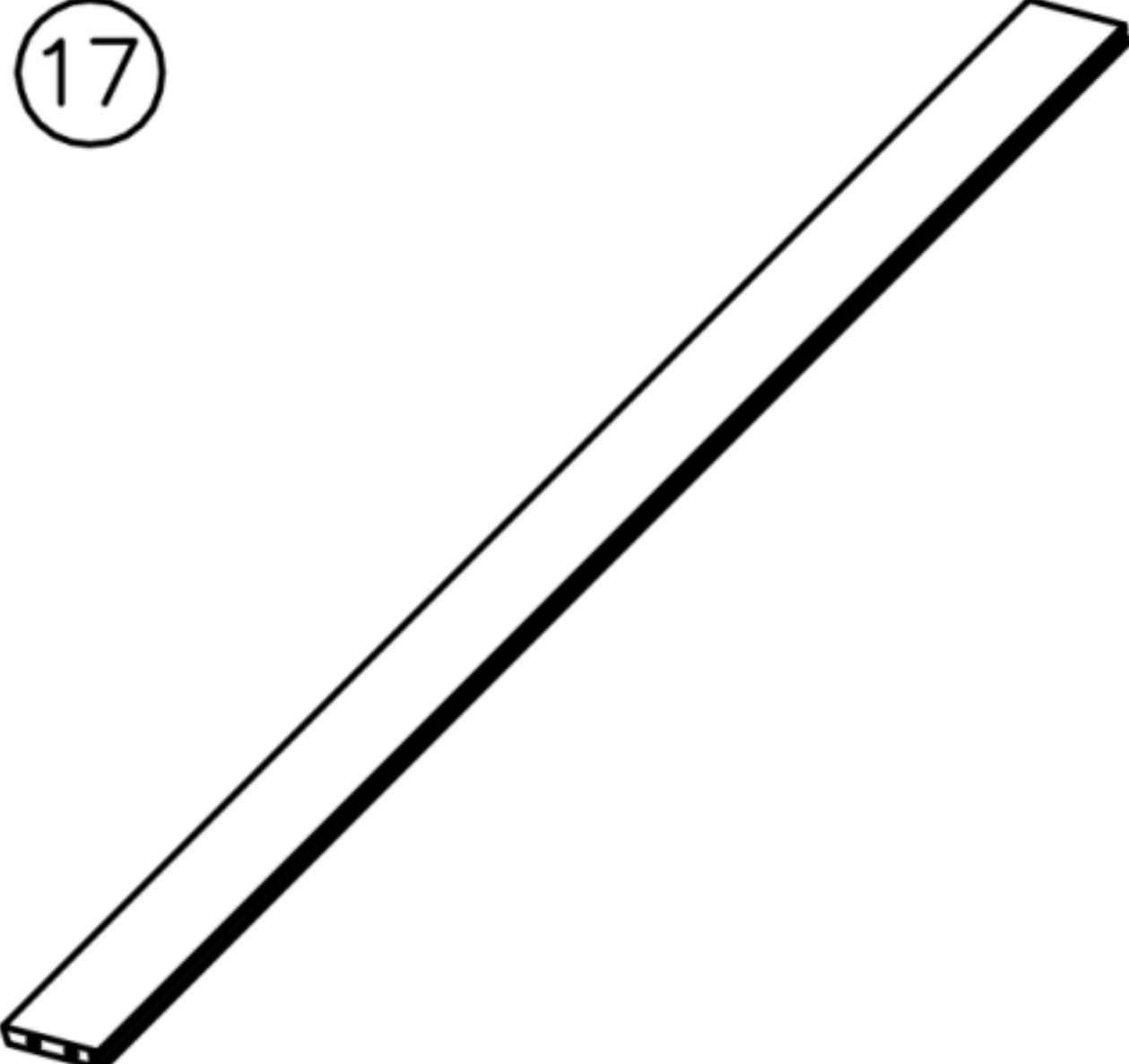
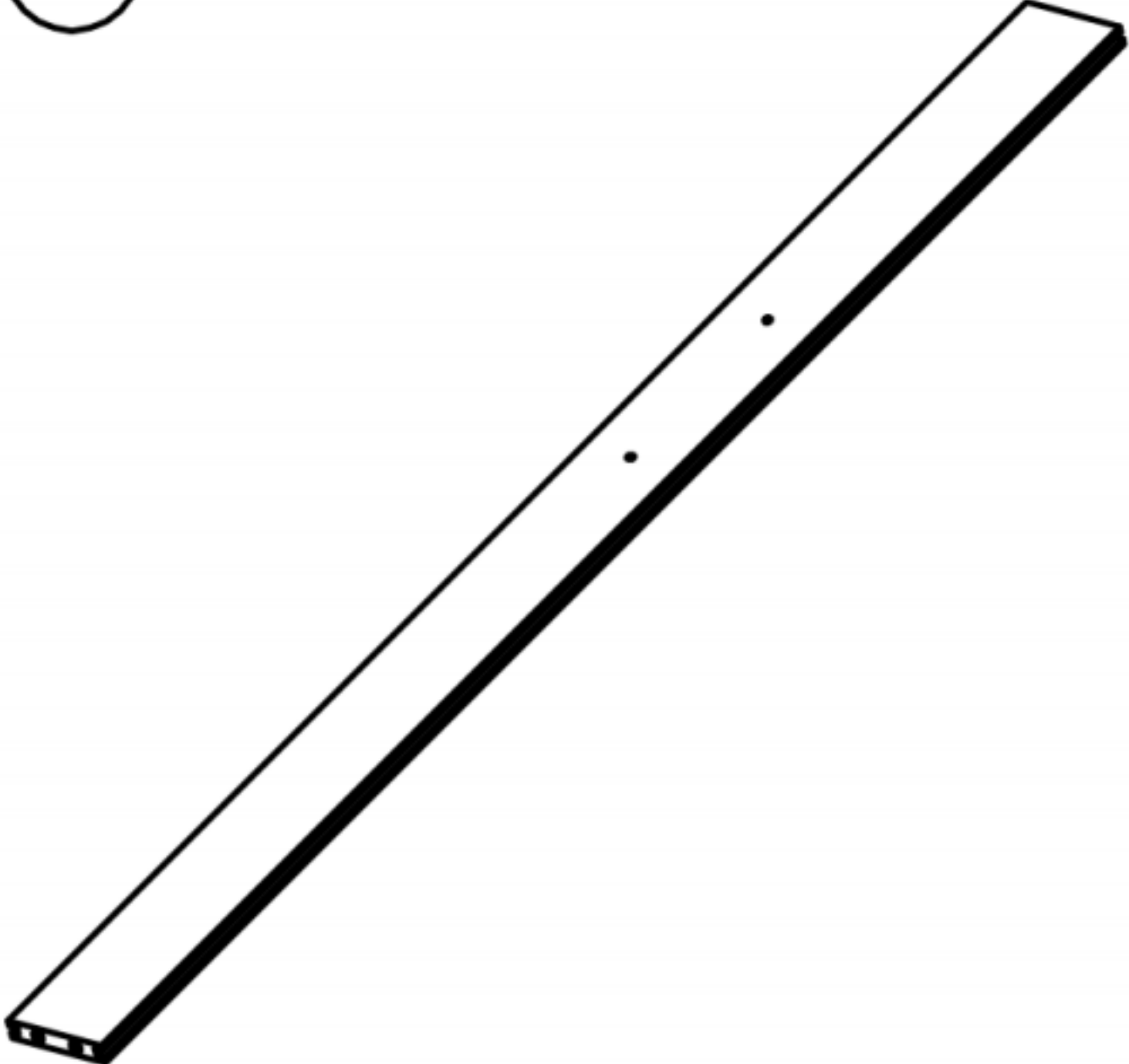
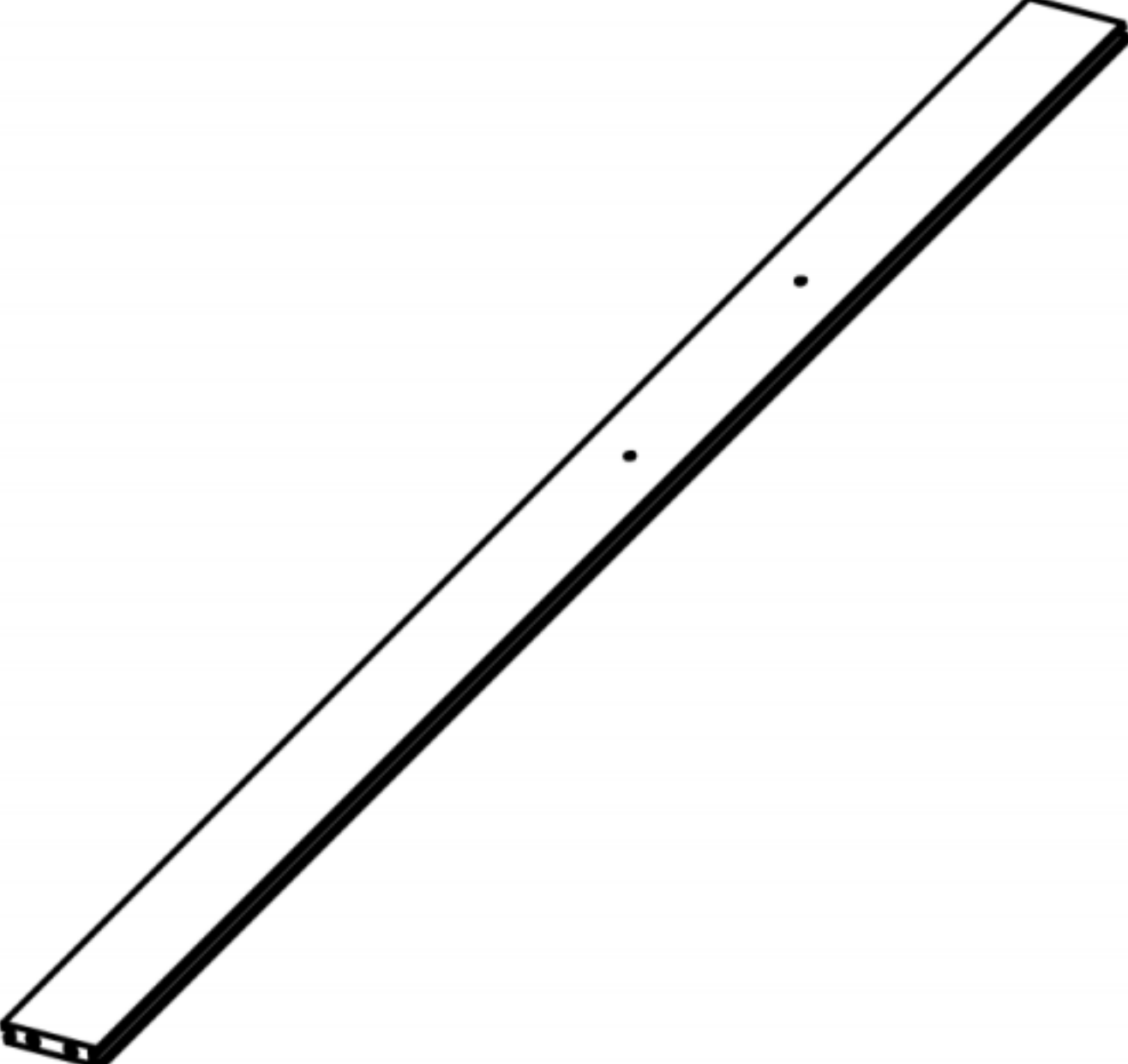
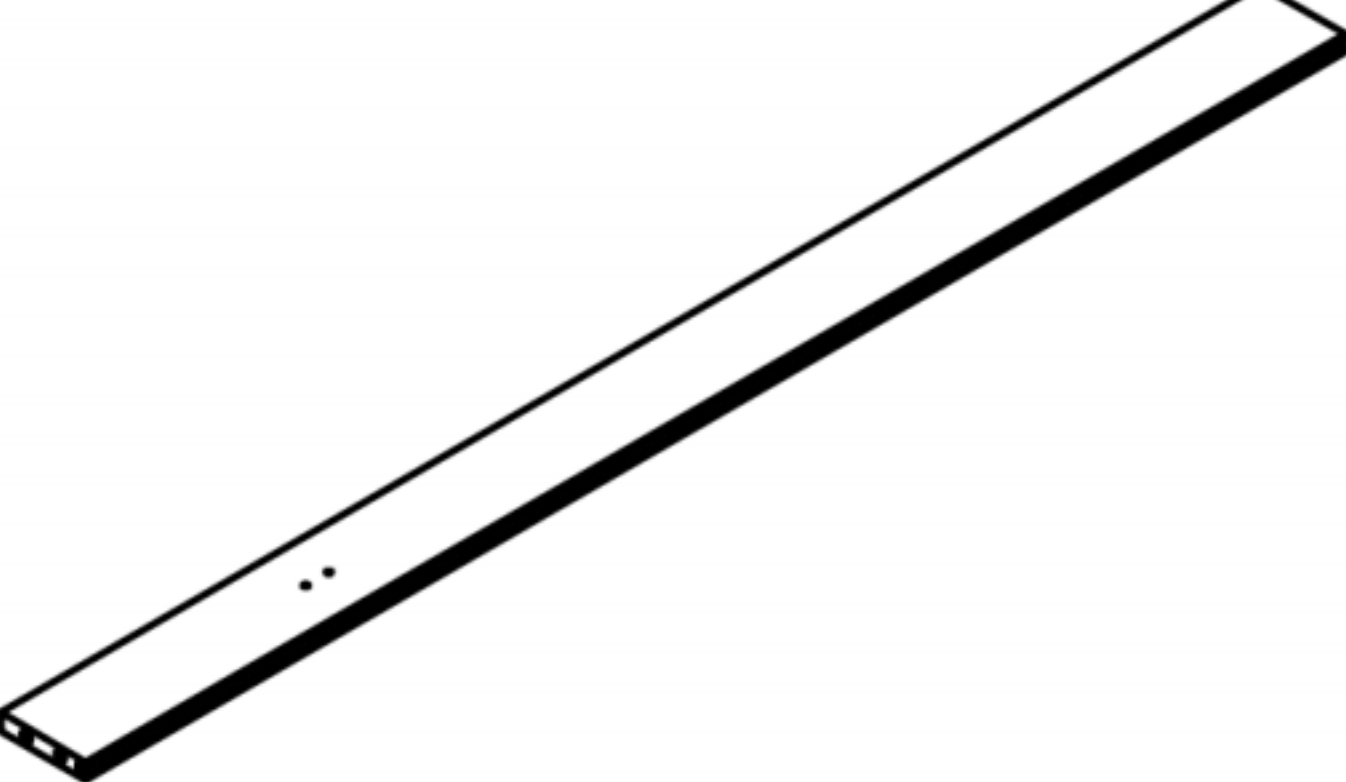
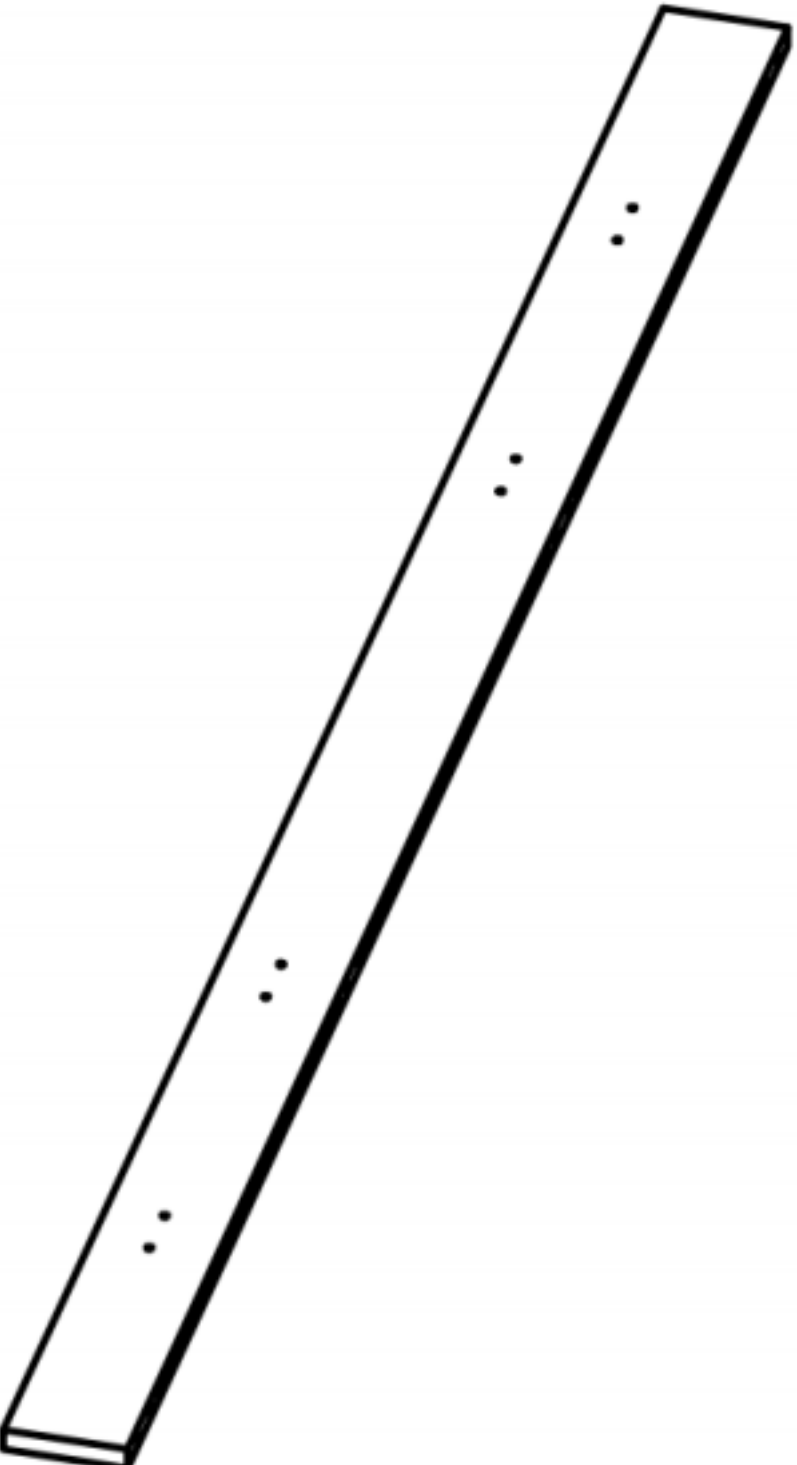
BOX:W5290P536626

<div>①</div> <div></div> <div>1080X400X25=1PC</div>	<div>②</div> <div></div> <div>1080X400X25=1PC</div>	<div>③</div> <div></div> <div>1080X400X25=1PC</div>
<div>④</div> <div></div> <div>1080X400X25=1PC</div>	<div>⑮</div> <div></div> <div>622X434X5=3PCS</div>	<div>⑯</div> <div></div> <div>1202X434X5=3PCS</div>

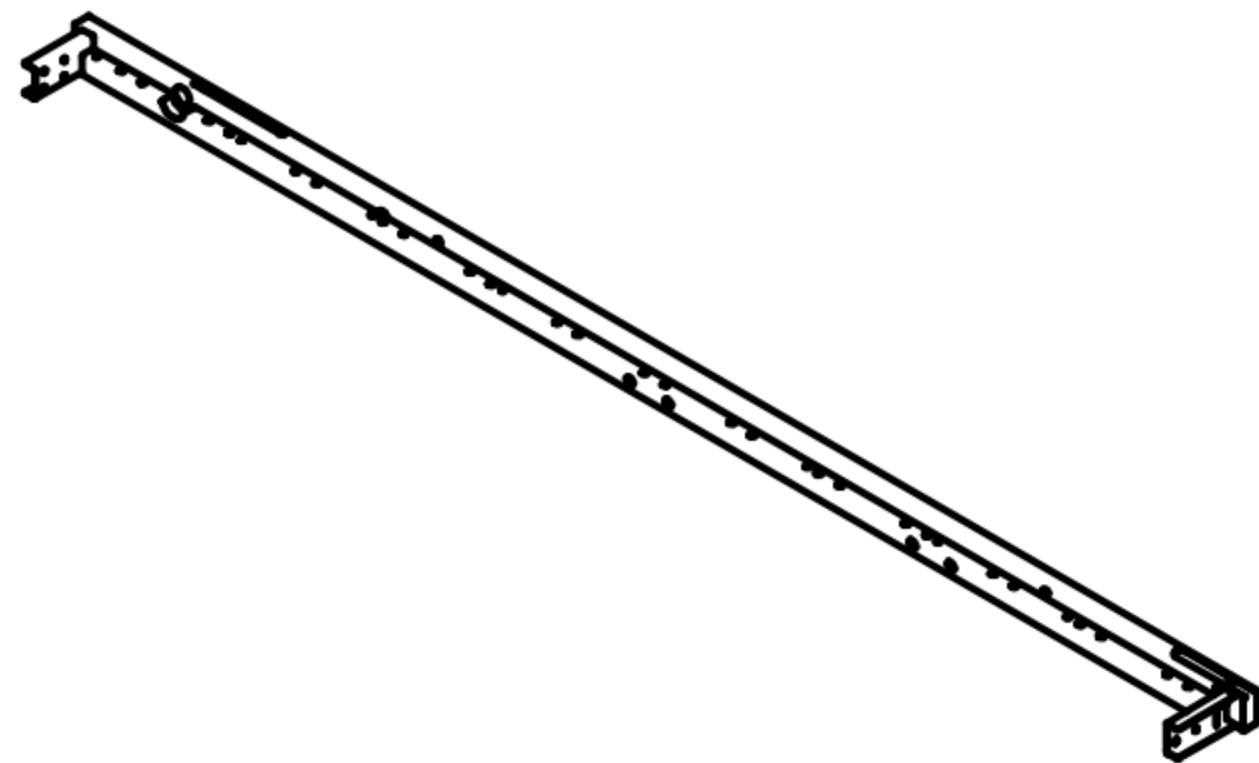
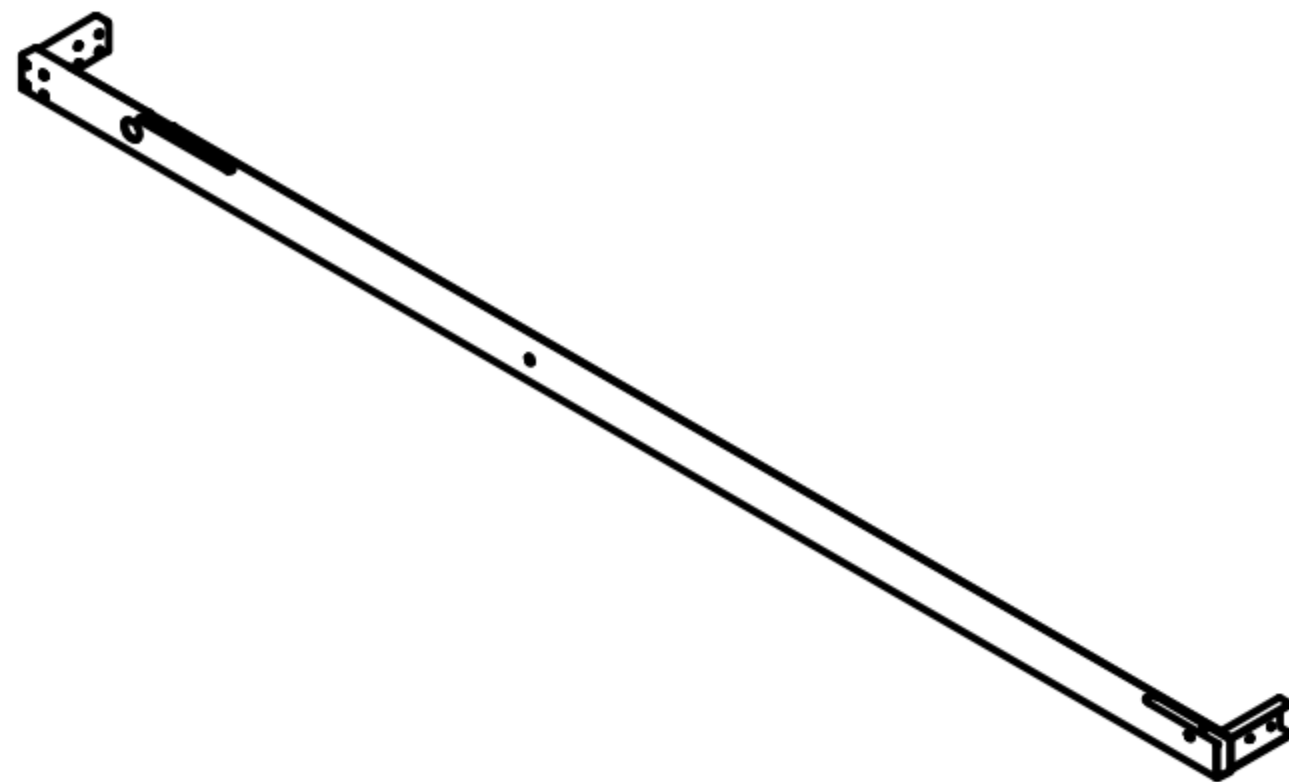
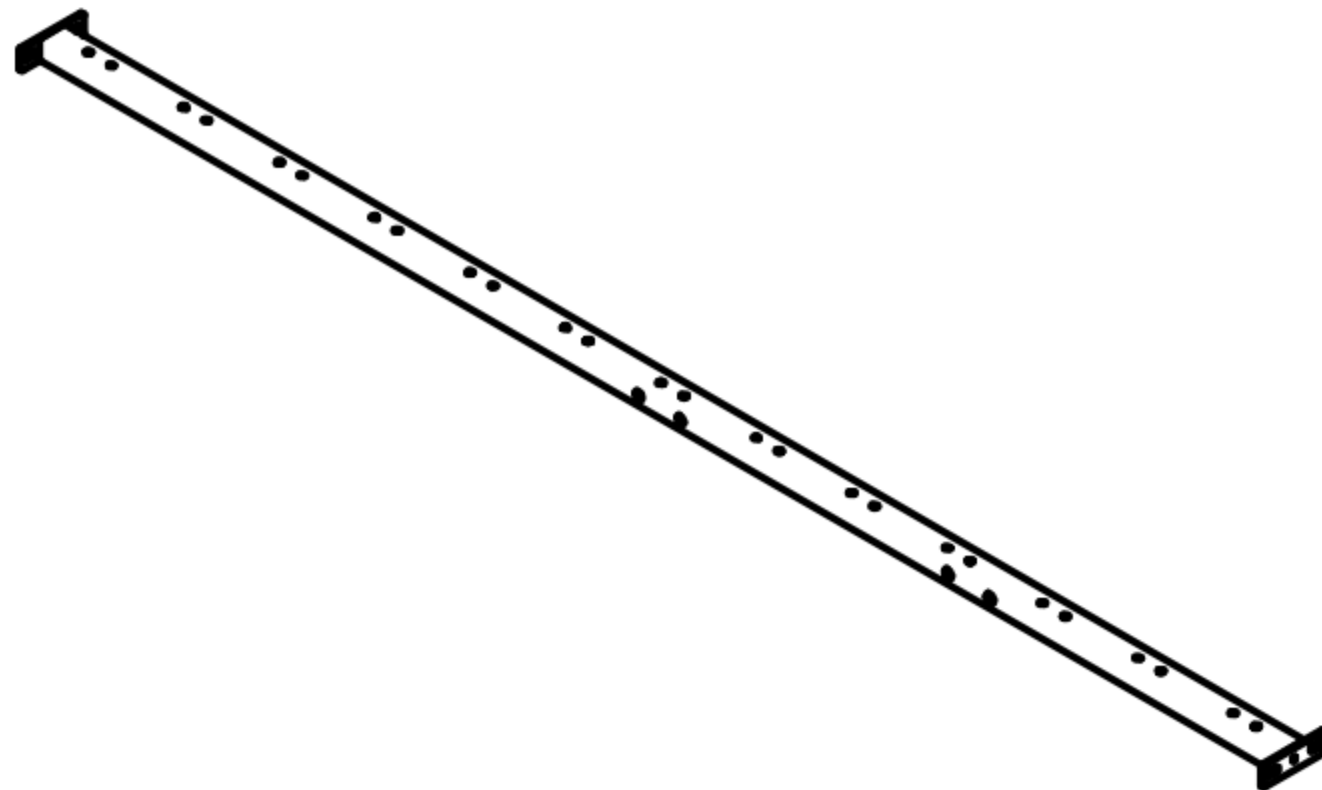
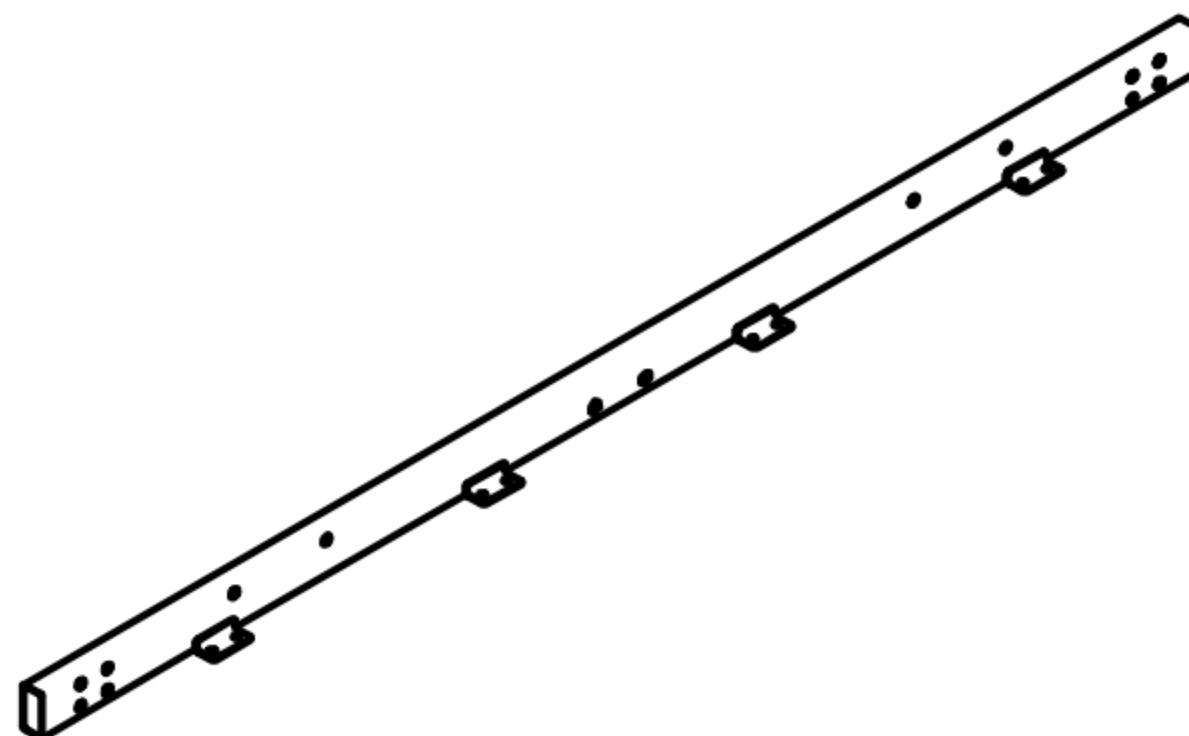
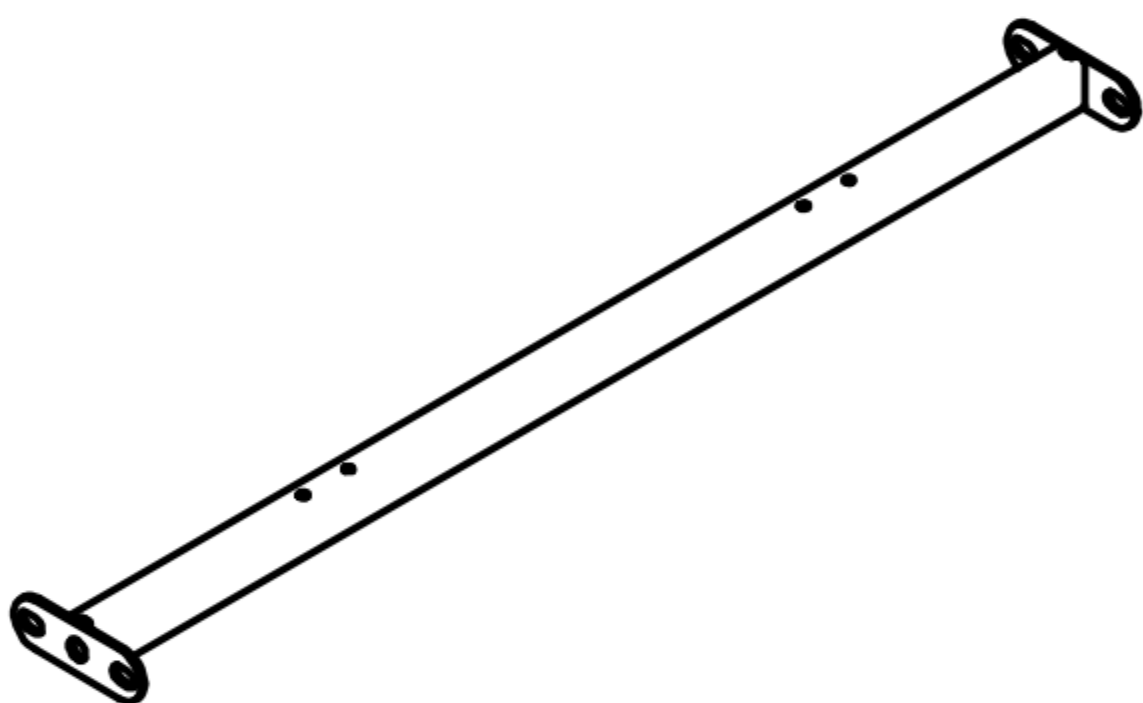
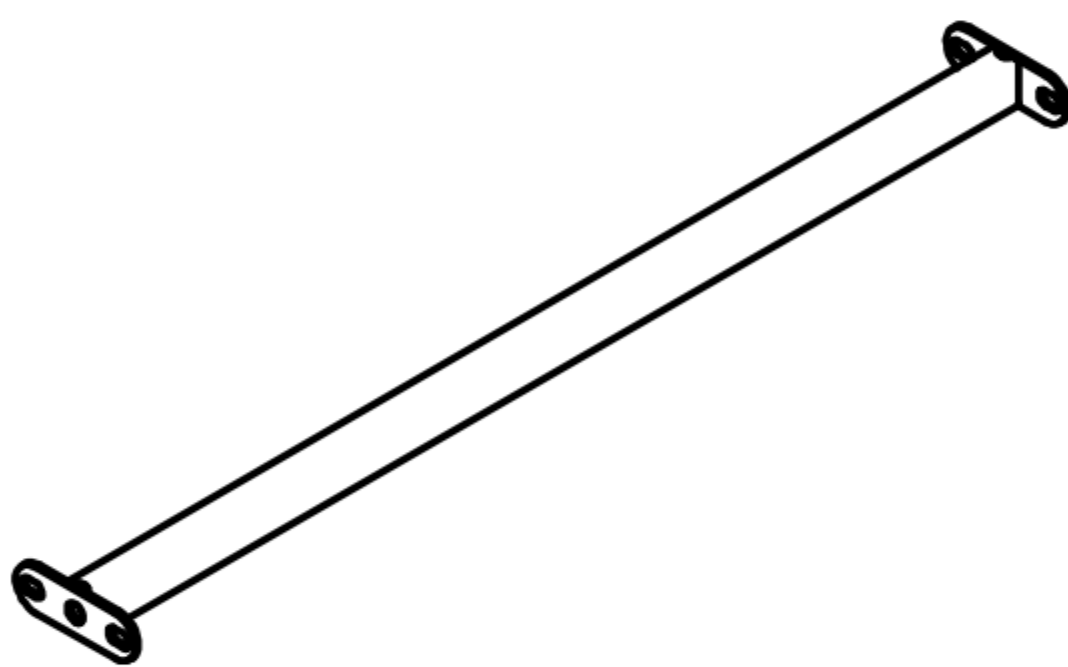
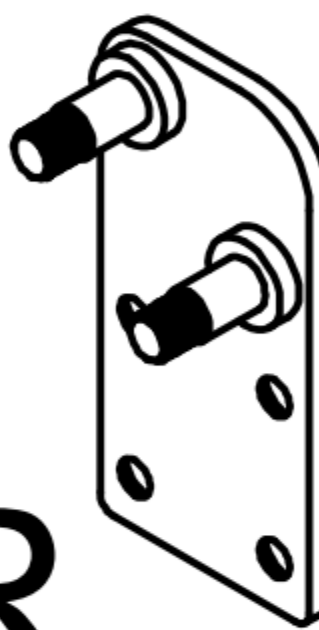
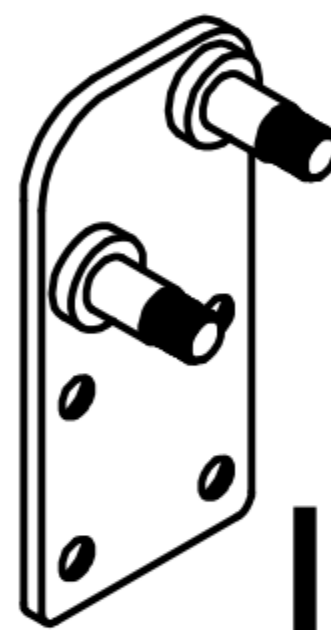
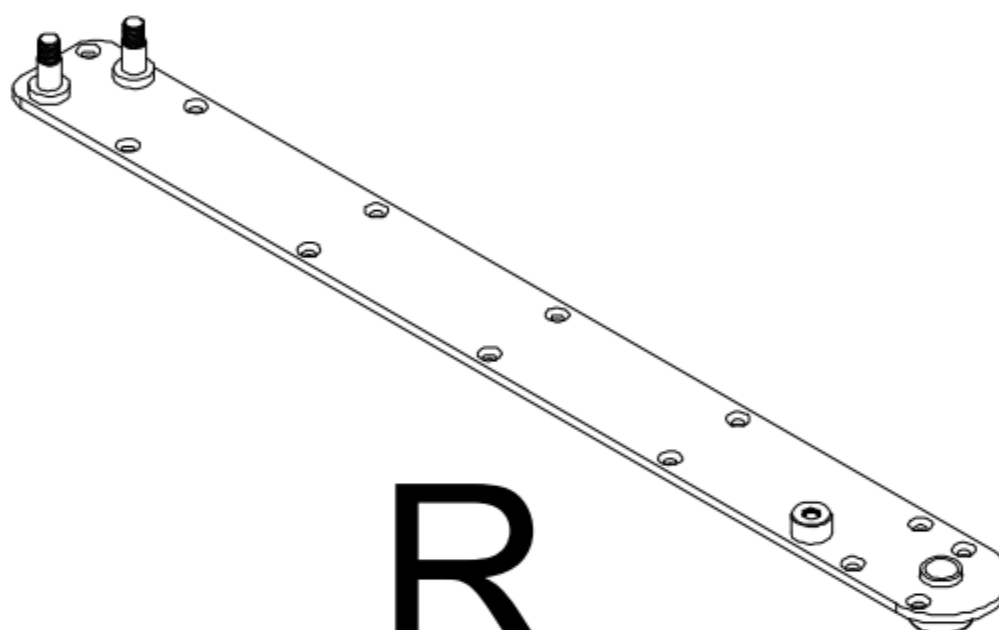
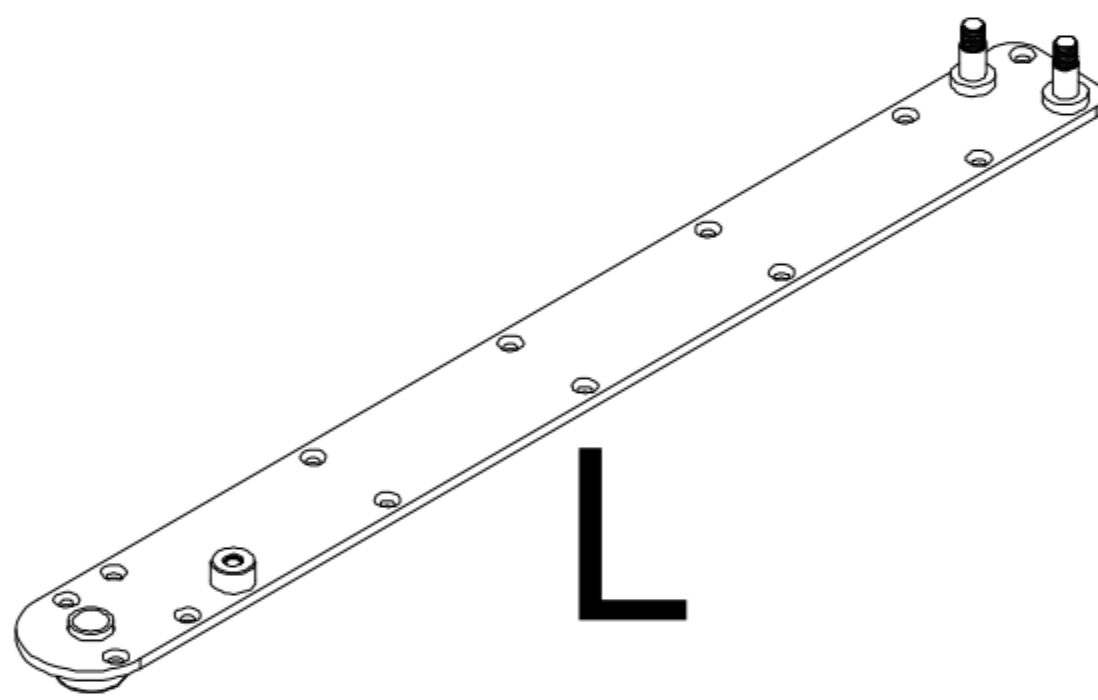
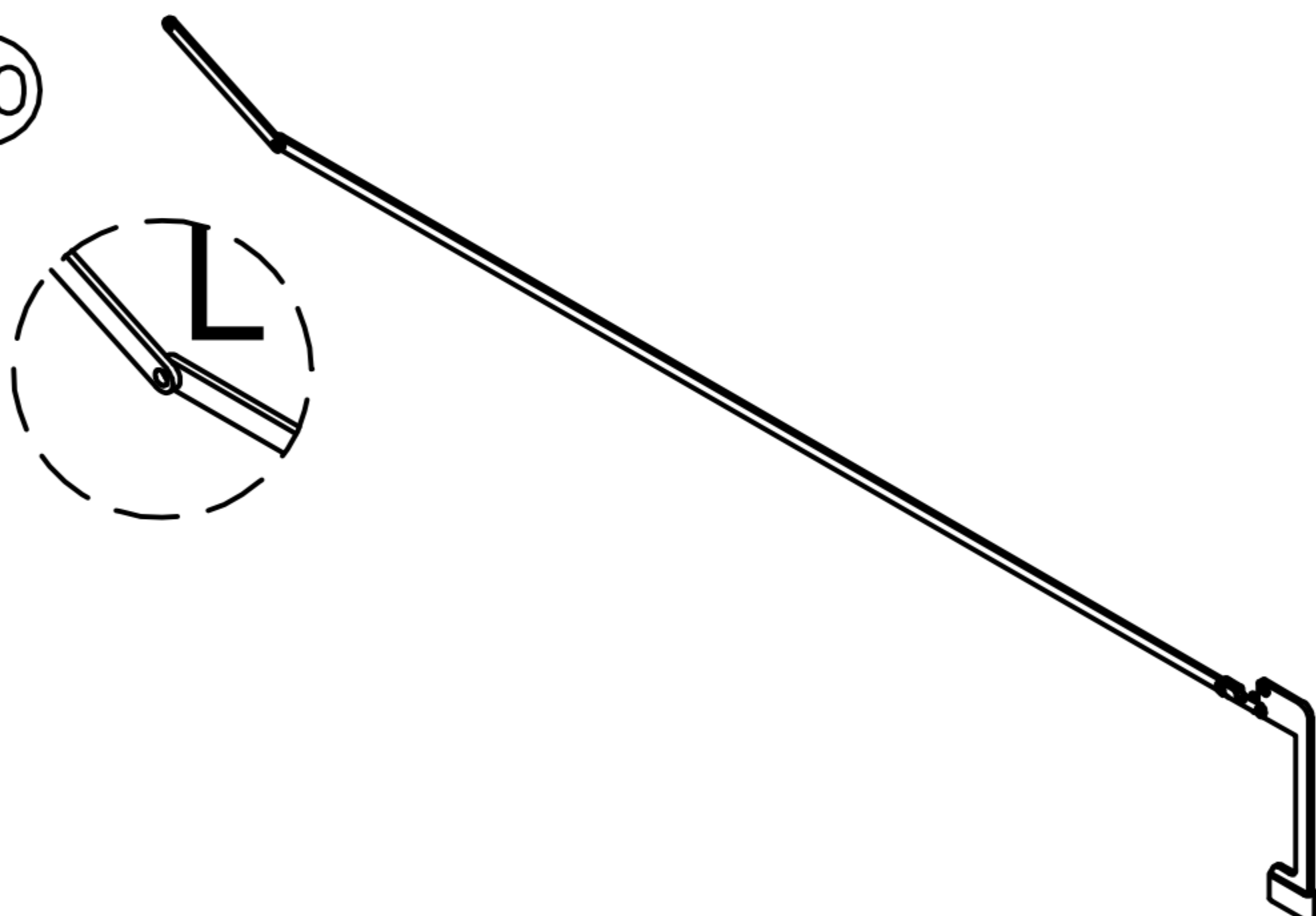
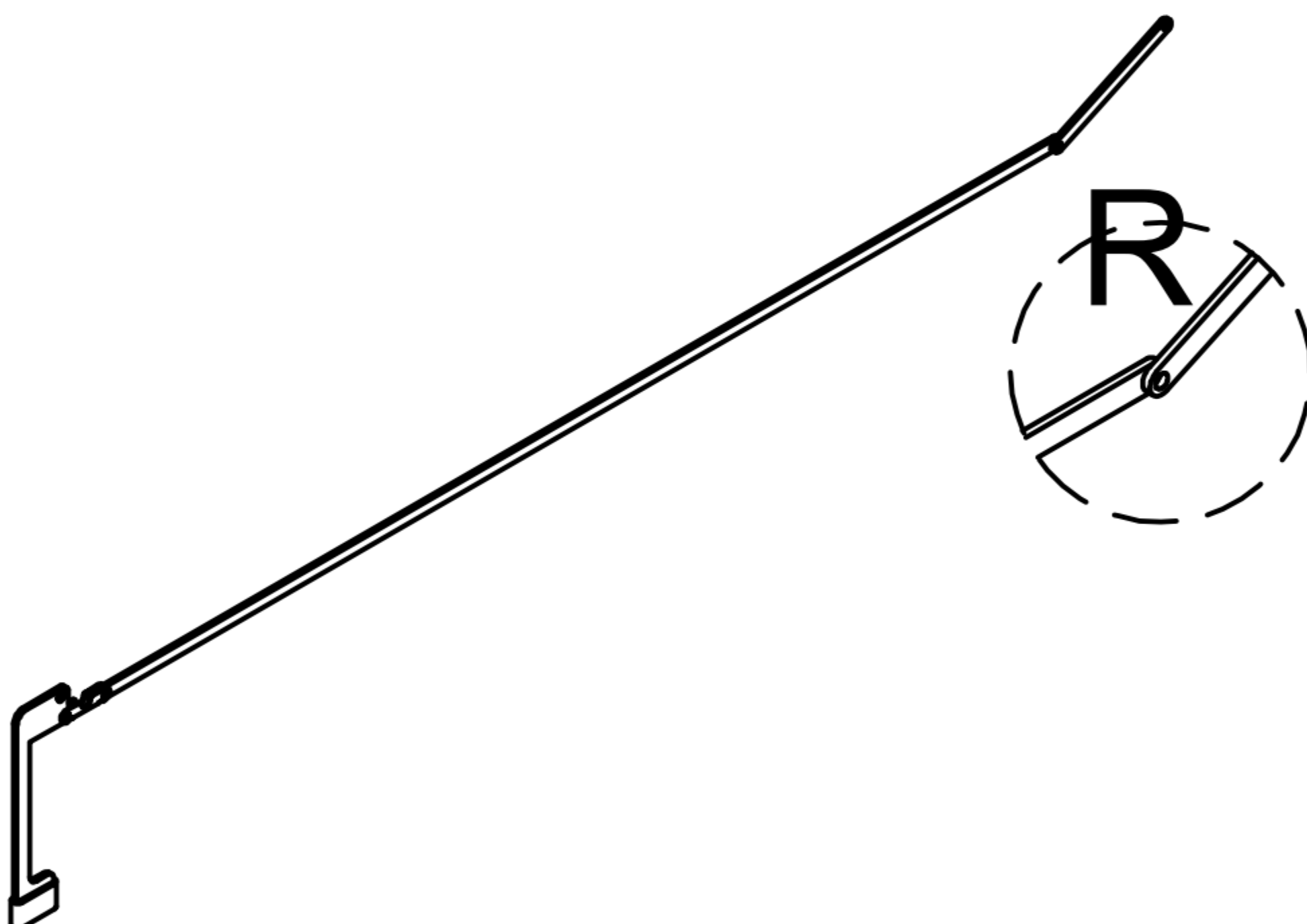
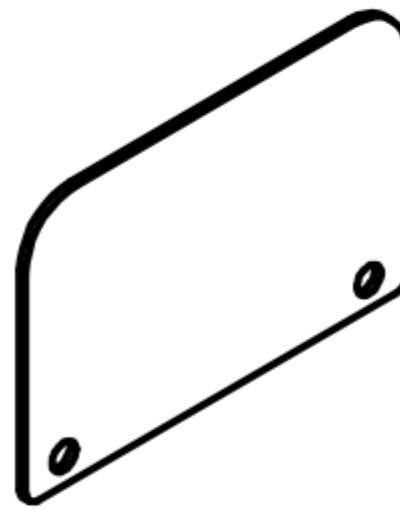
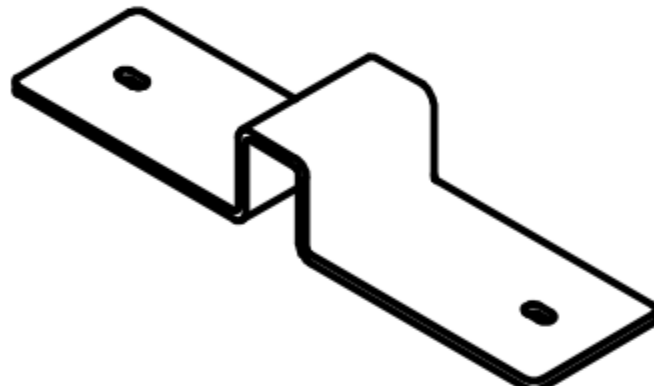
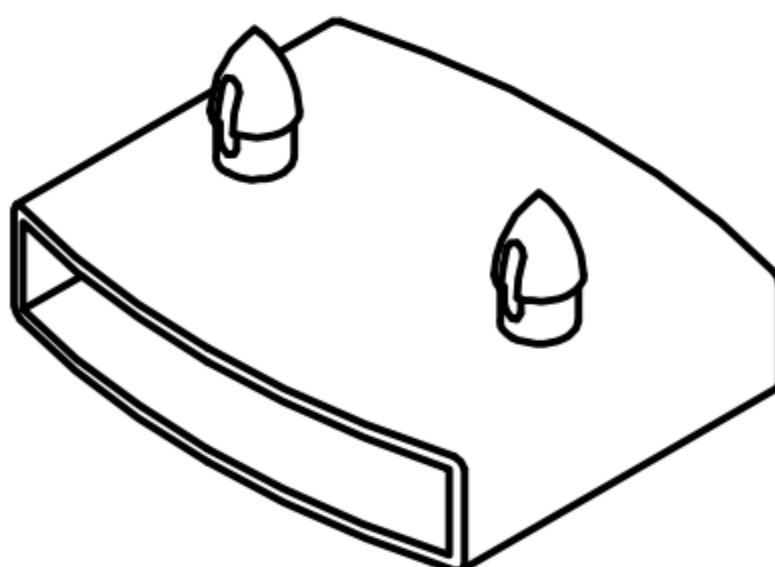
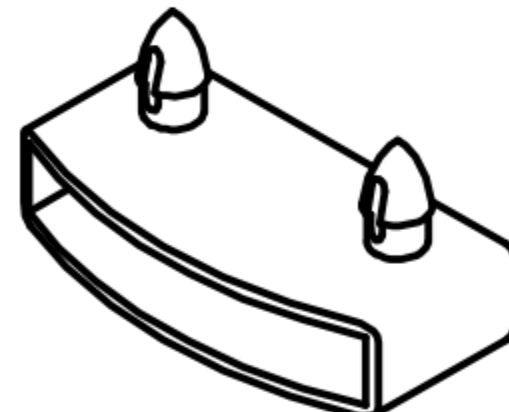
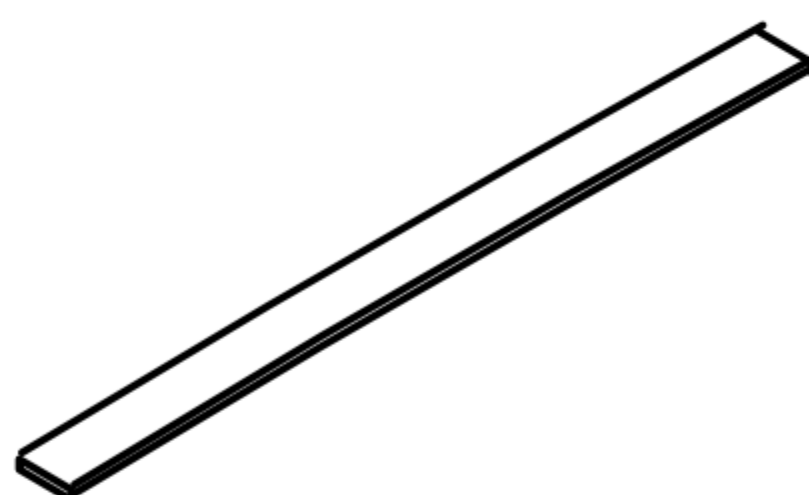
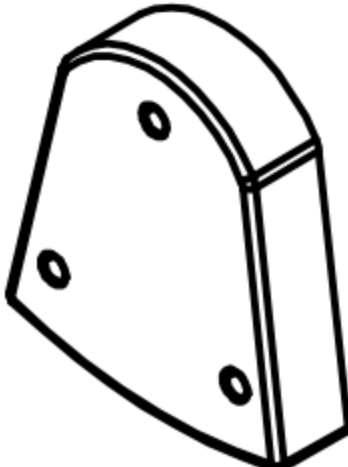
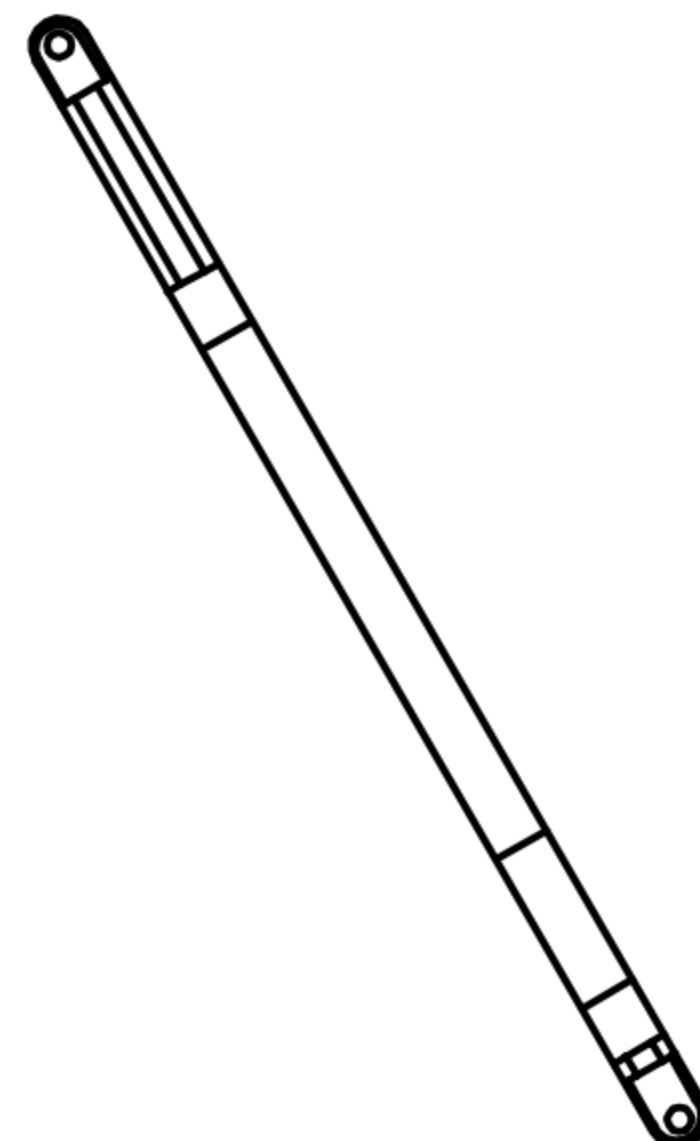
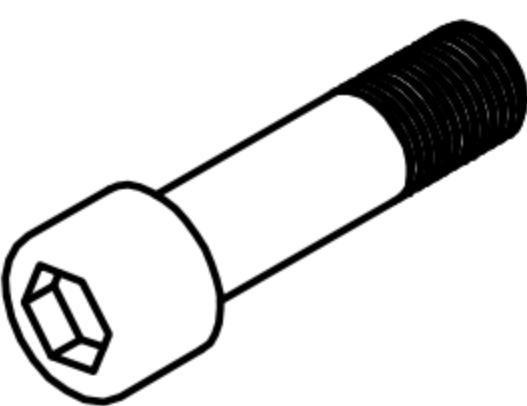
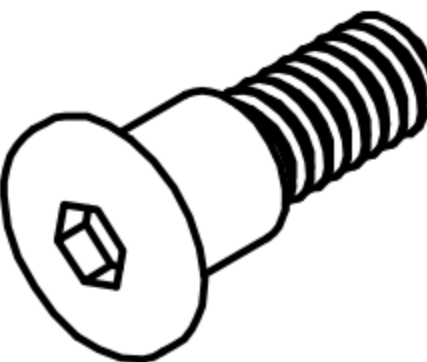
BOX:W5290P536626

<div>Ⓐ</div> <div></div> <div>Φ7*32=27+2PCS</div>	<div>Ⓑ</div> <div></div> <div>Φ15*11.5=27+2PCS</div>	<div>Ⓒ1</div> <div></div> <div>Φ8*30=32+2PCS</div>
<div>Ⓒ2</div> <div></div> <div>Φ8*50=4PCS</div>	<div>Ⓓ1</div> <div></div> <div>Φ7*40=3PCS</div>	<div>Ⓓ2</div> <div></div> <div>Φ7*60=20+1PCS</div>
<div>Ⓔ1</div> <div></div> <div>=2PCS</div>	<div>Ⓔ2</div> <div></div> <div>=4PCS</div>	<div>Ⓕ</div> <div></div> <div>=1PC</div>
<div>Ⓚ</div> <div></div> <div>2PCS</div>	<div>ⓖ1</div> <div></div> <div>M8*100=4PCS</div>	<div>ⓖ2</div> <div></div> <div>=8PCS</div>
<div>ⓖ3</div> <div></div> <div>M8=8PCS</div>	<div>ⓖ4</div> <div></div> <div>Φ35=8PCS</div>	<div>ⓓ1</div> <div></div> <div>=1PC</div>

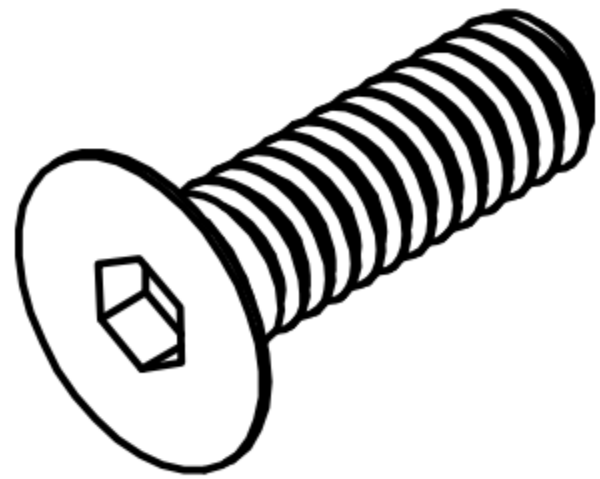
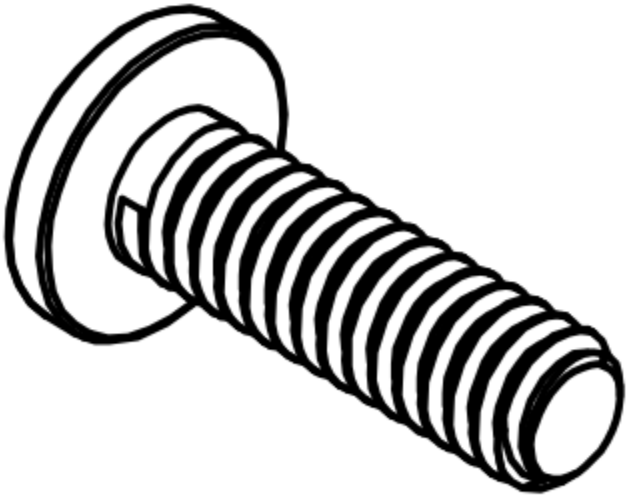
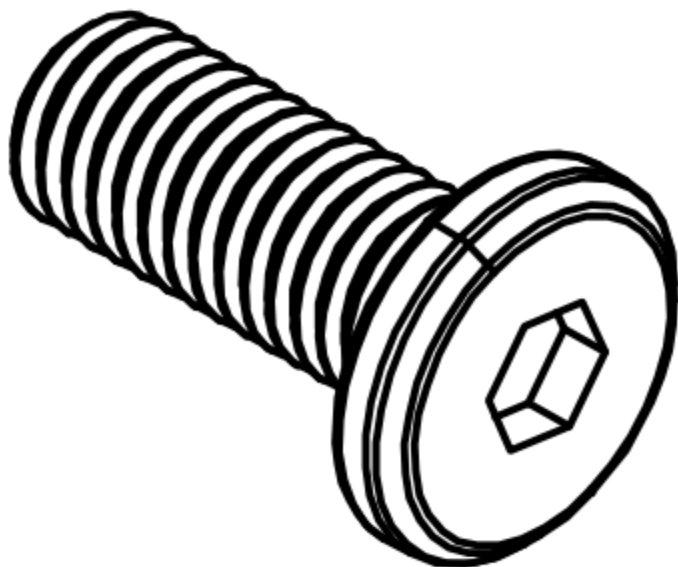
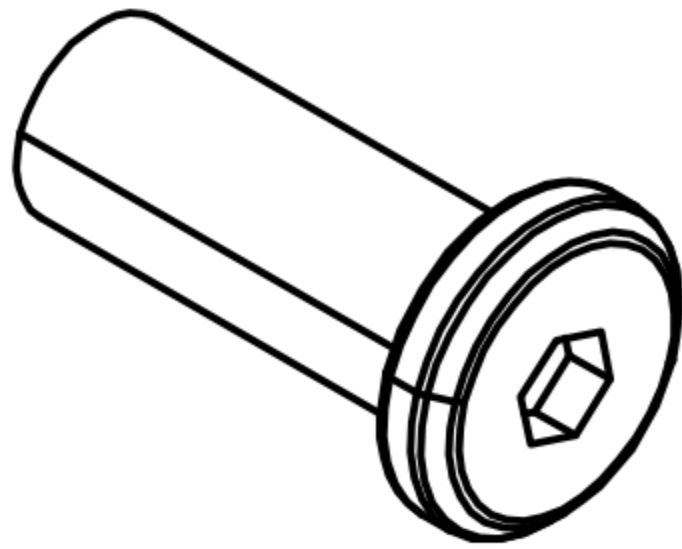
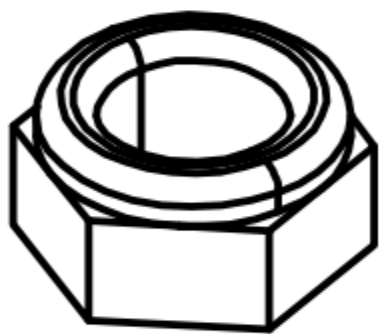
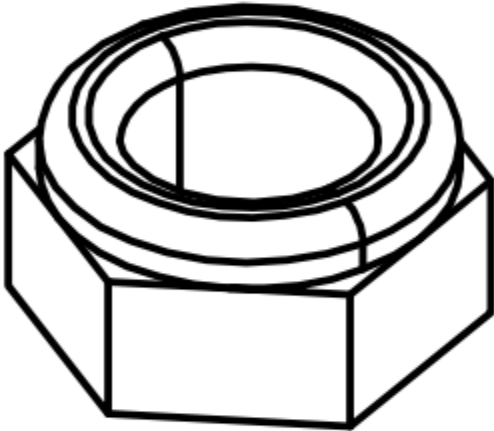
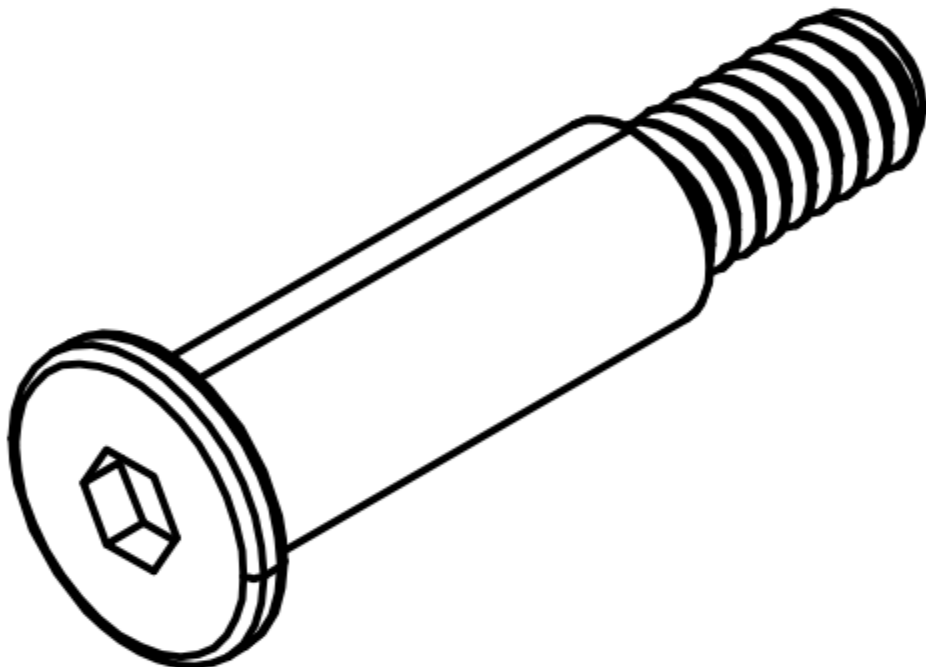
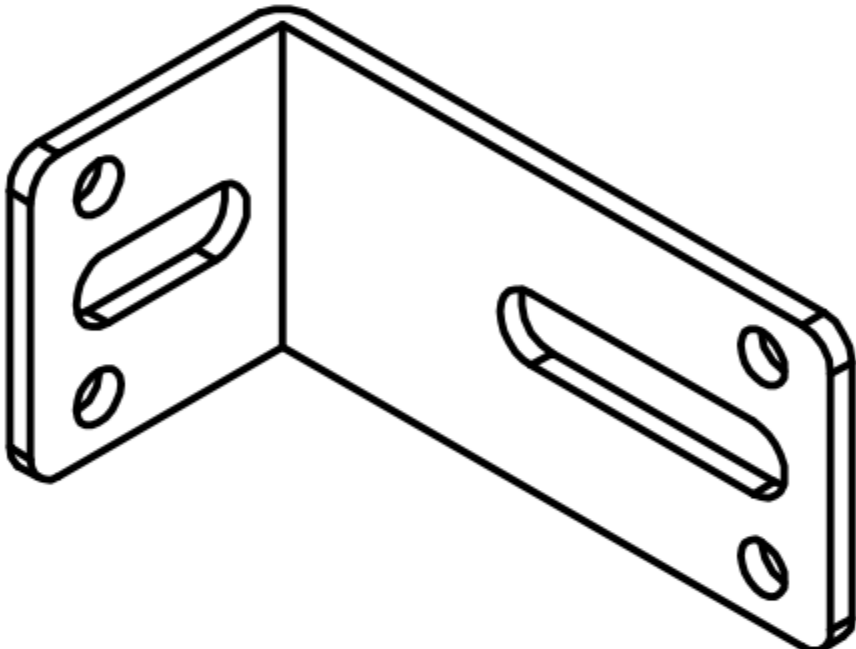
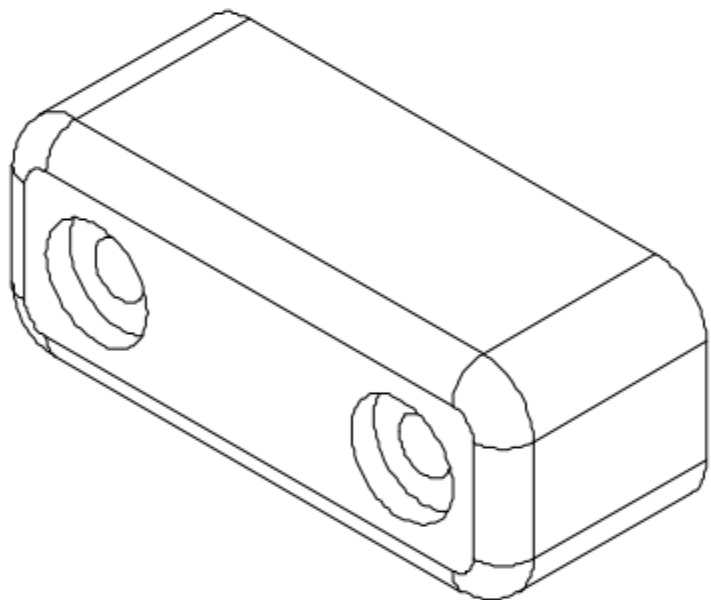
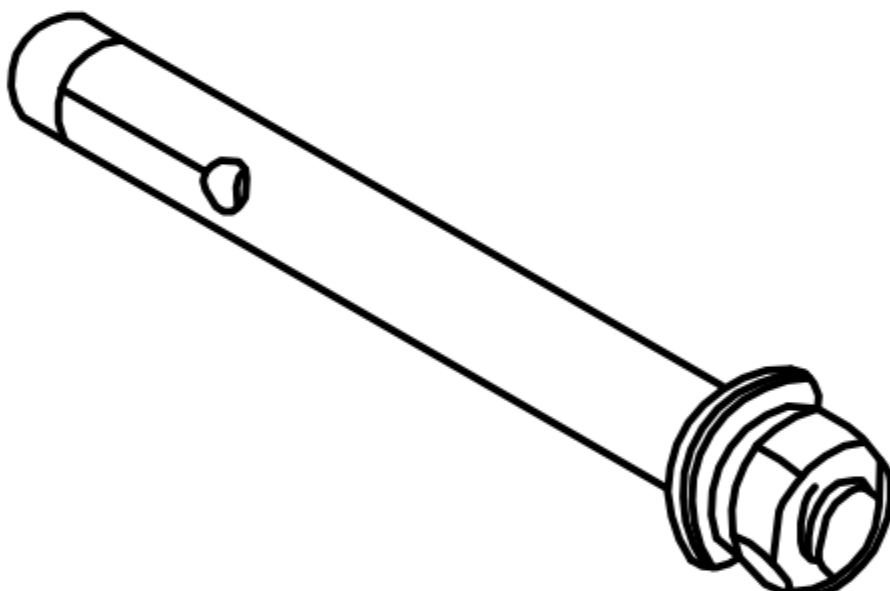
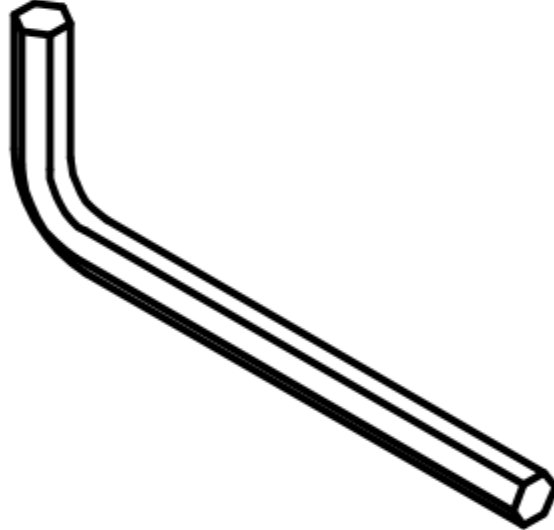
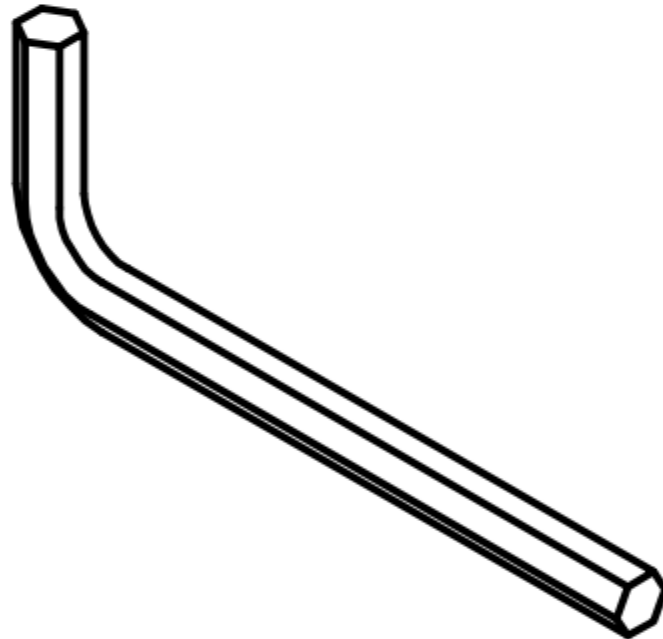
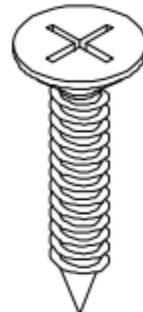
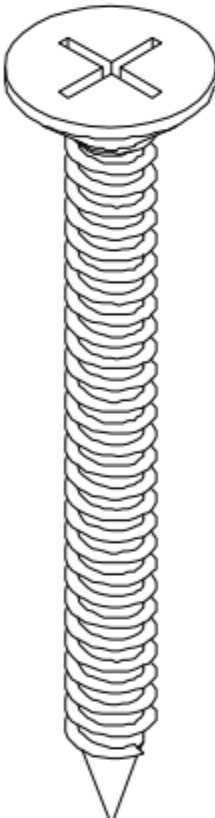
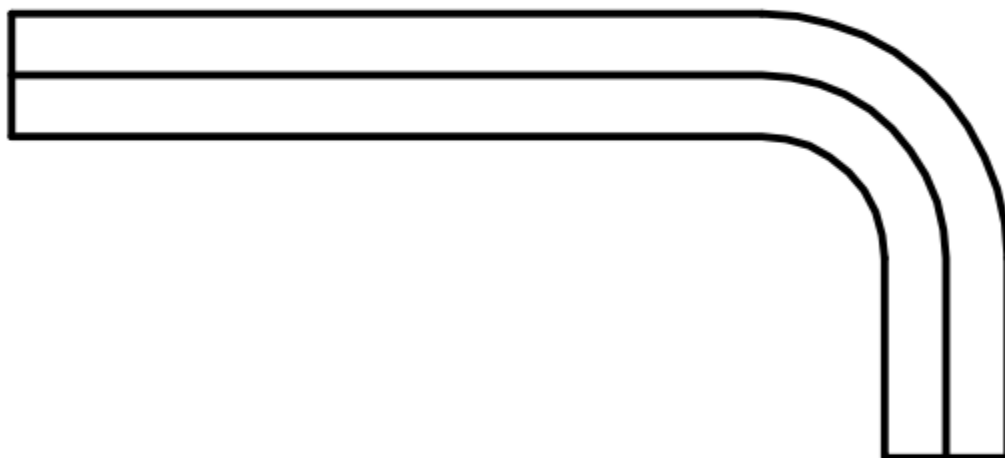
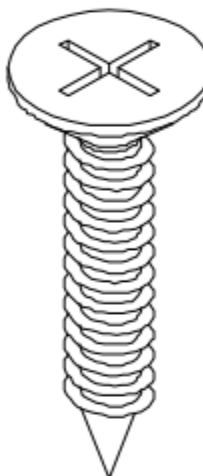
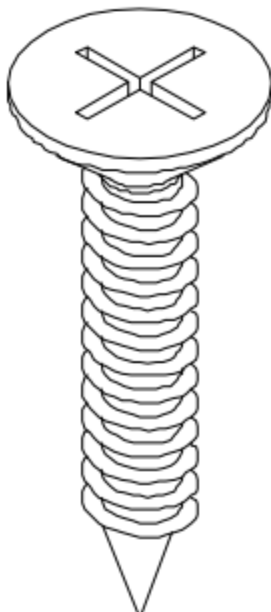
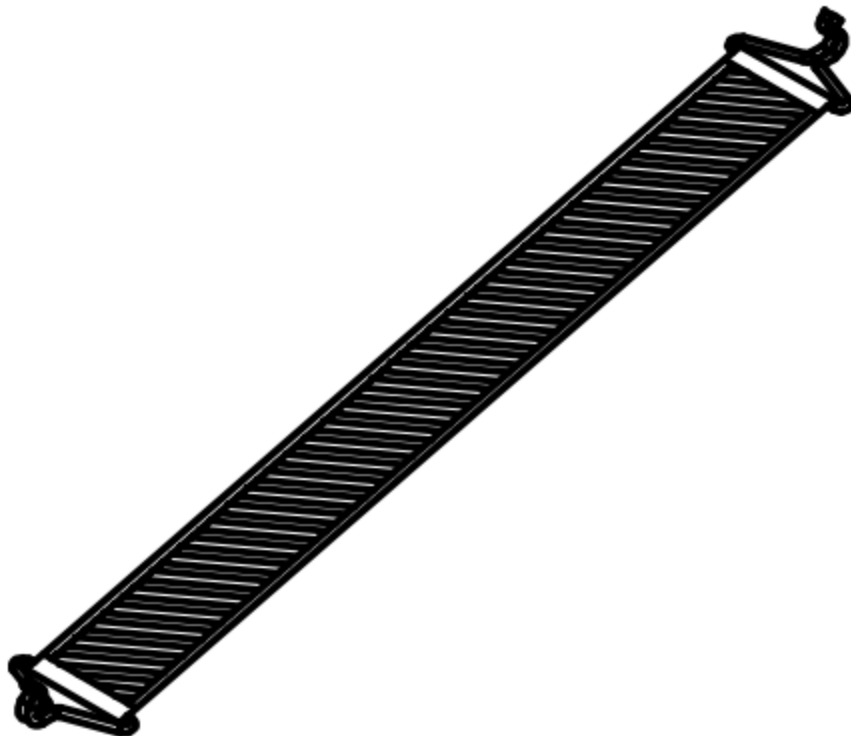
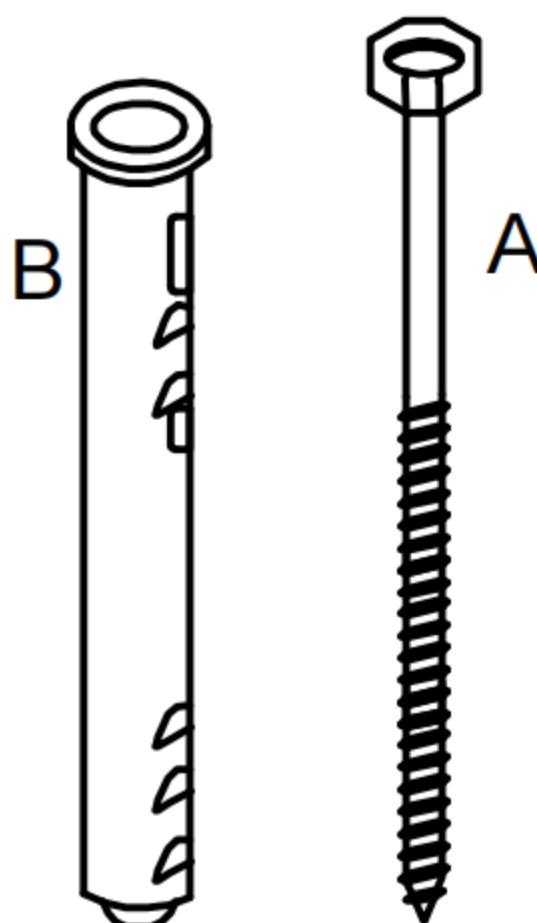
BOX:W5290P536625

<div>⑤</div> <div></div> <div>1600X150X15=1PC</div>	<div>⑥</div> <div></div> <div>1600X50X15=1PC</div>	<div>⑦</div> <div></div> <div>369X50X15=2PCS</div>	<div>⑧</div> <div></div> <div>1600X220X15=1PC</div>
<div>⑨</div> <div></div> <div>1600X300X15=1PC</div>	<div>⑩</div> <div></div> <div>1600X385X15=1PC</div>	<div>⑪</div> <div></div> <div>1600X50X15=1PC</div>	<div>⑫</div> <div></div> <div>1586X80X15=2PCS</div>
<div>⑬</div> <div></div> <div>610X80X15=2PCS</div>	<div>⑭</div> <div></div> <div>610X80X15=2PCS</div>	<div>⑰</div> <div></div> <div>1190X80X15=1PC</div>	<div>⑱</div> <div></div> <div>1190X80X15=1PC</div>
<div>⑲</div> <div></div> <div>1190X80X15=1PC</div>	<div>⑳</div> <div></div> <div>1190X80X15=1PC</div>	<div>㉑</div> <div></div> <div>1586X80X15=1PC</div>	

BOX: W5290P457894

<div>39</div> <div></div> <div>2040X125X50=1PC</div>	<div>40</div> <div></div> <div>2040X125X50=1PC</div>	<div>41</div> <div></div> <div>1986X100X30=1PC</div>	<div>42</div> <div></div> <div>1535X50X49=2PCS</div>	
<div>44</div> <div></div> <div>723X100X30=2PCS</div>	<div>45</div> <div></div> <div>723X100X30=2PCS</div>	<div>46 (R)</div> <div> R</div> <div>93X45X33=1PC</div>	<div>47 (L)</div> <div> L</div> <div>93X45X33=1PC</div>	<div>48 (R)</div> <div> R</div> <div>500X50X33=1PC</div>
<div>49 (L)</div> <div> L</div> <div>500X50X33=1PC</div>	<div>50</div> <div> L</div> <div>1933X258X14=1PC</div>	<div>51</div> <div> R</div> <div>1933X258X14=1PC</div>		
<div>52</div> <div></div> <div>150X100X2.5=2PCS</div>	<div>53</div> <div></div> <div>206X50X33=2PCS</div>	<div>54</div> <div></div> <div>57X48X26.5=13PCS</div>	<div>55</div> <div></div> <div>57X29X27=26PCS</div>	<div>56</div> <div></div> <div>760X52X9=26PCS</div>
<div>57</div> <div></div> <div>144X123X33=2PCS</div>	<div>58</div> <div></div> <div>605X22=4PCS</div>	<div>59</div> <div></div> <div>M12X45=2PCS</div>	<div>60</div> <div></div> <div>Φ12X24X1.5=2PCS</div>	<div>61</div> <div></div> <div>7.8XM6X19=2PCS</div>

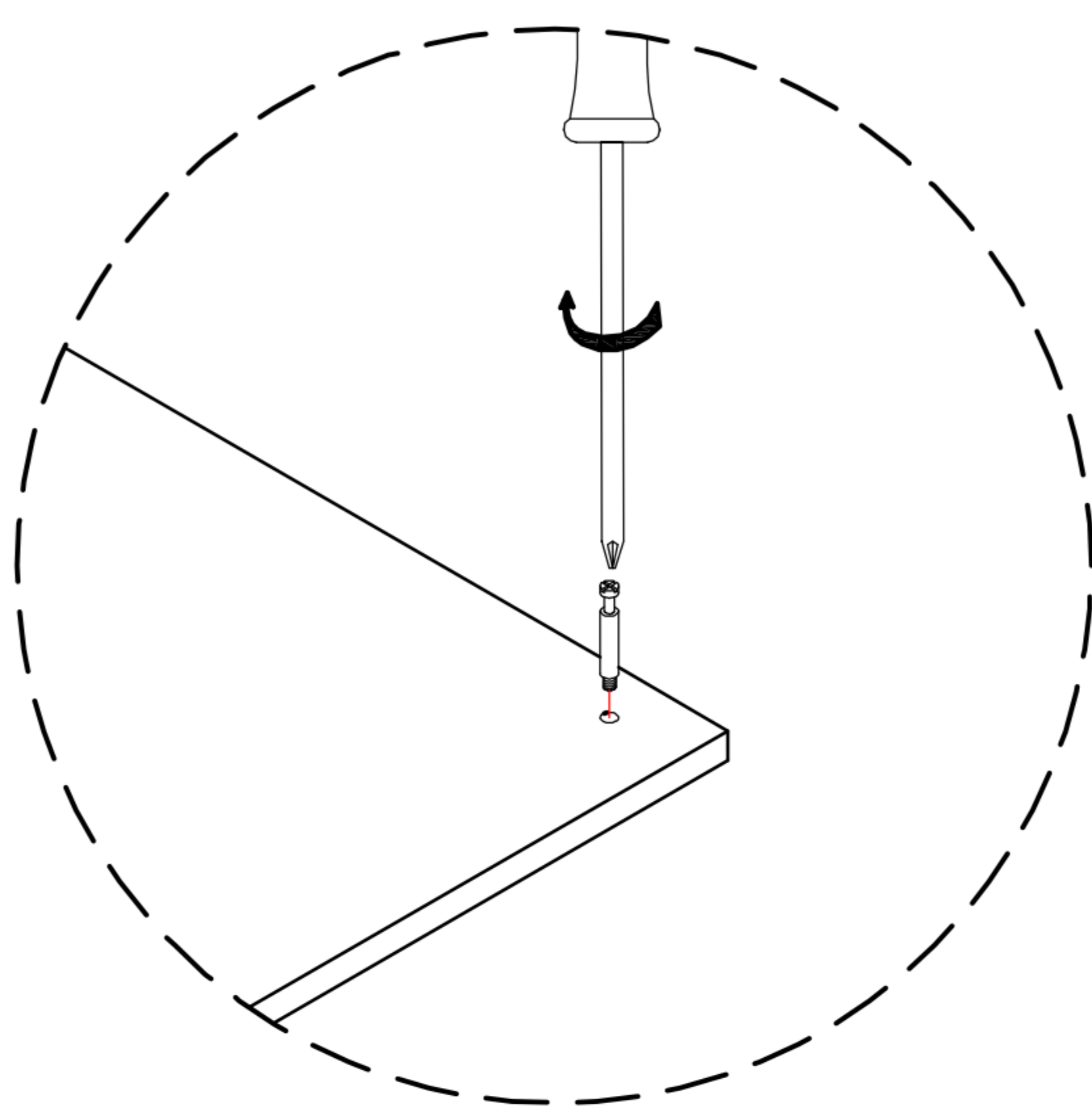
BOX: W5290P457894

<div>62</div> <div></div> <div>M6X20=8PCS</div>	<div>63</div> <div></div> <div>M6X20=13PCS</div>	<div>64</div> <div></div> <div>M8X20=37PCS</div>	<div>65</div> <div></div> <div>M6X20XΦ8=4PCS</div>
<div>66</div> <div></div> <div>M6=2PCS</div>	<div>67</div> <div></div> <div>M8=8PCS</div>	<div>68</div> <div></div> <div>7.8XM6X35=2PCS</div>	<div>69</div> <div></div> <div>98X48X49=4PCS</div>
<div>70</div> <div></div> <div>50X20X20=2PCS</div>	<div>71</div> <div></div> <div>8X100=4PCS</div>	<div>72</div> <div></div> <div>4MM=1PC</div>	<div>73</div> <div></div> <div>5MM=1PC</div>
<div>74</div> <div></div> <div>M4X16=16+1PCS</div>	<div>75</div> <div></div> <div>M4X42=24+2PCS</div>	<div>76</div> <div></div> <div>M10=1PC</div>	<div>77</div> <div></div> <div>M4X20=26+2PCS</div>
<div>78</div> <div></div> <div>M4X35=10+1PCS</div>	<div>79</div> <div></div> <div>=2PCS</div>	<div>80</div> <div></div> <div>8X100=4PCS</div>	

Using Camlocks(Single head cam)

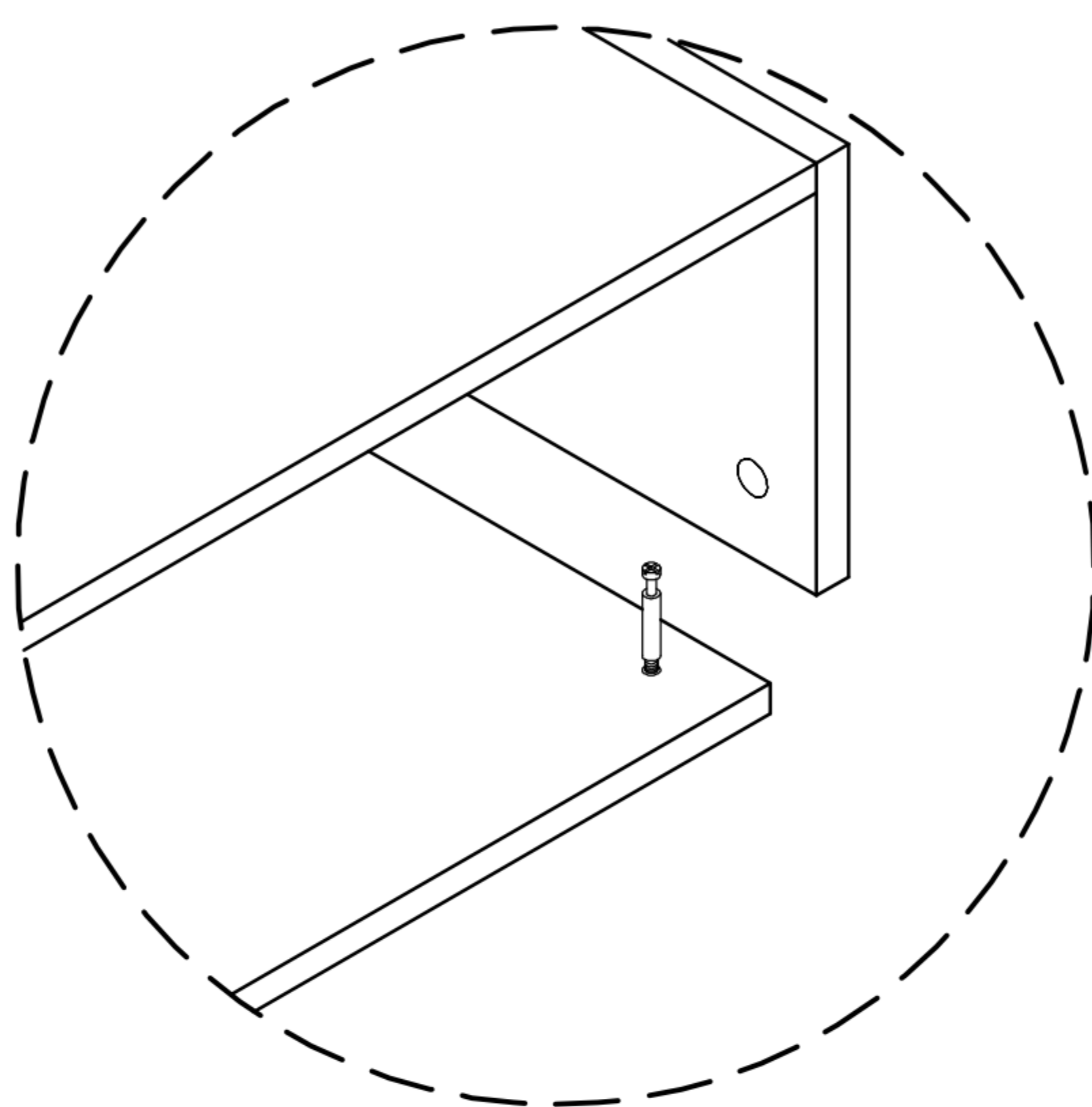
STEP1

Connect the male camlock as directed in the assembly instructions using a screwdriver.



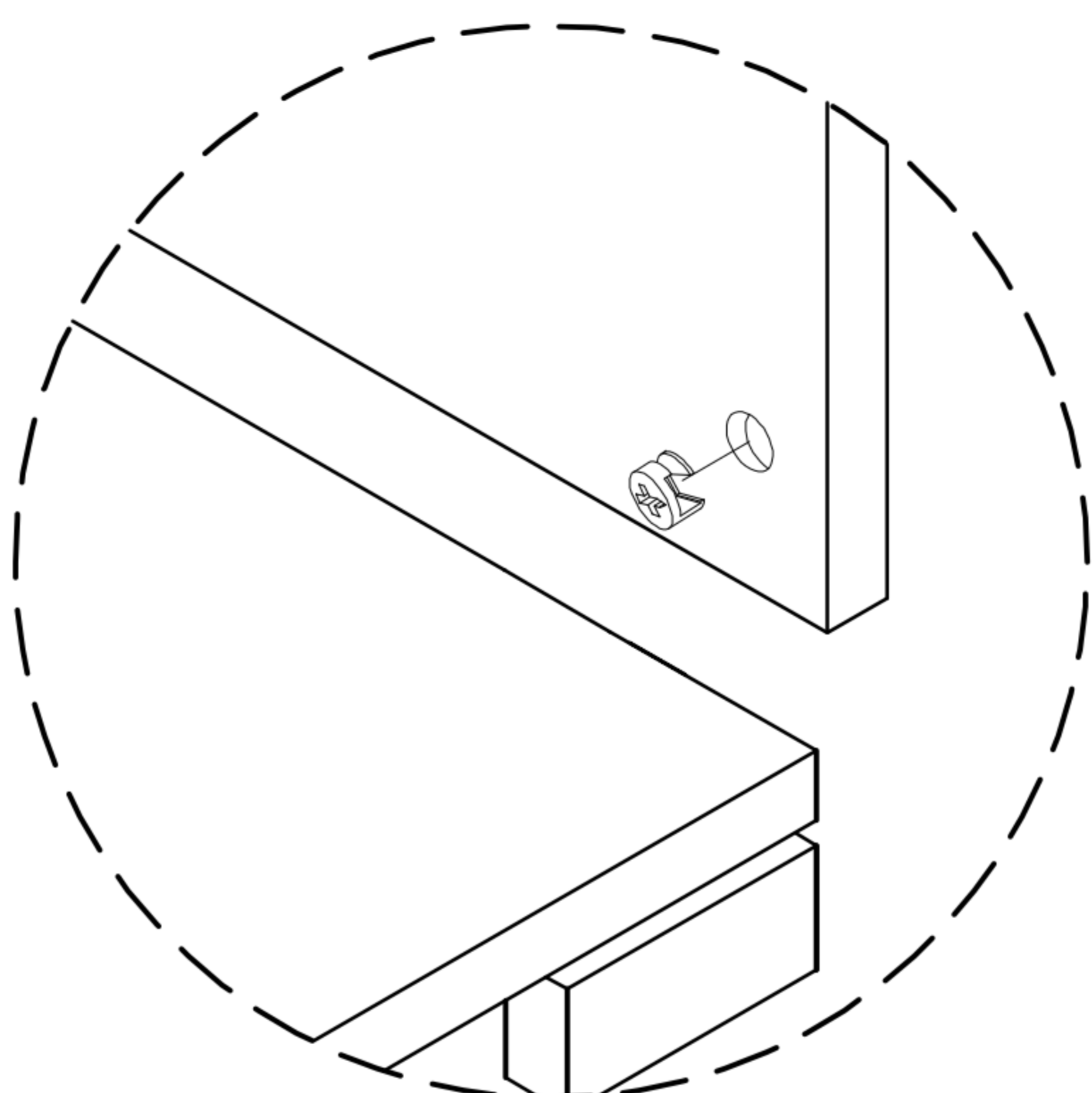
STEP2

Push the male camlock into the entry hole.



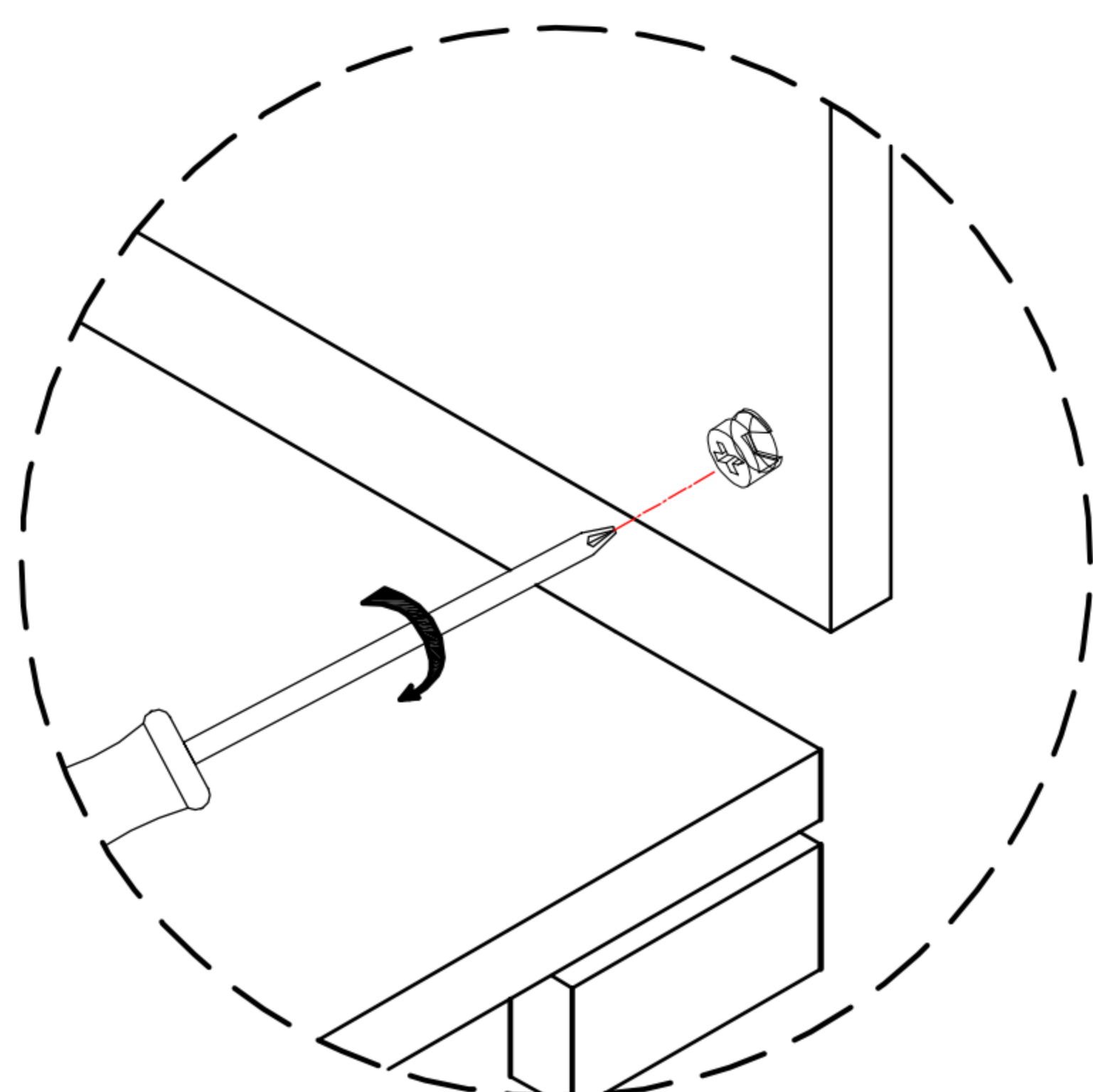
STEP3

Insert the female camlock as shown in the instruction.
Note: ensure that the arrow on the top of the camlock points towards the entry hole for the male camlock.



STEP4

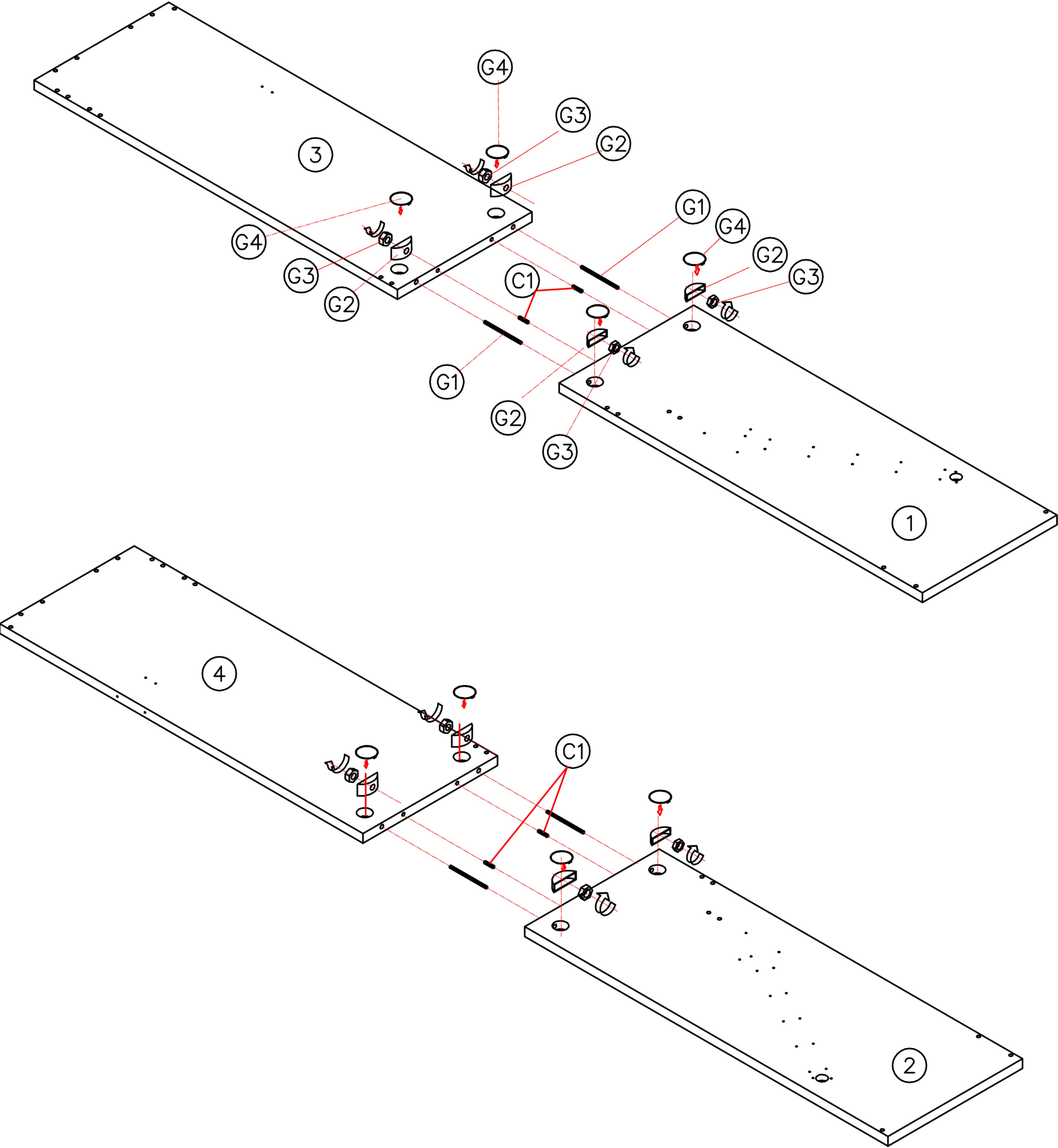
Turn the female camlock 180 degrees clockwise with a screwdriver to complete the locking.



STEP1

ATTENTION:

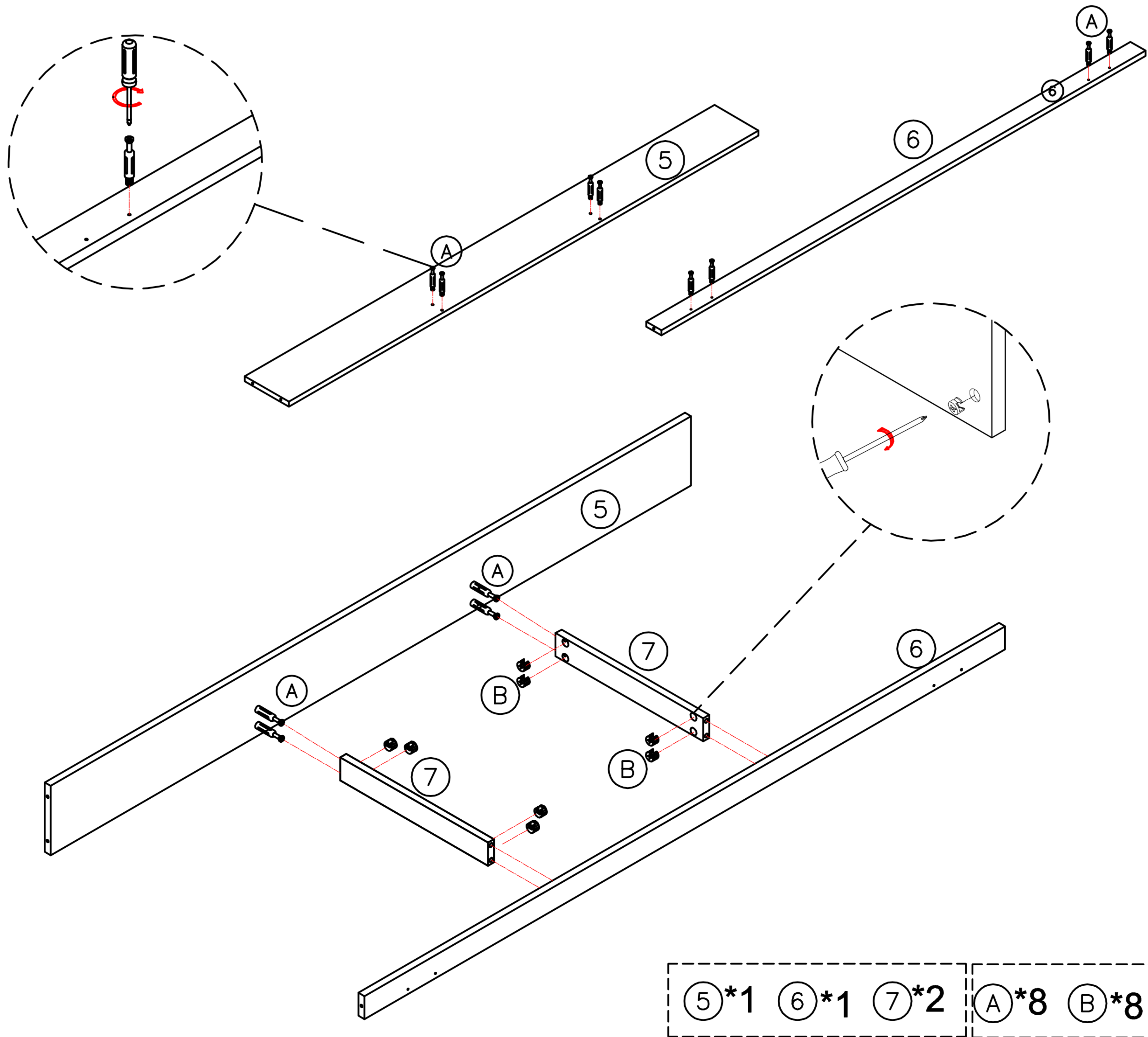
This step involves similar panel components.
To prevent assembly errors, please carefully
verify the positional relationship of the hole
positions in the enlarged diagram.
Also make sure that 1# attaches to 3#, and 2# attaches 4#.



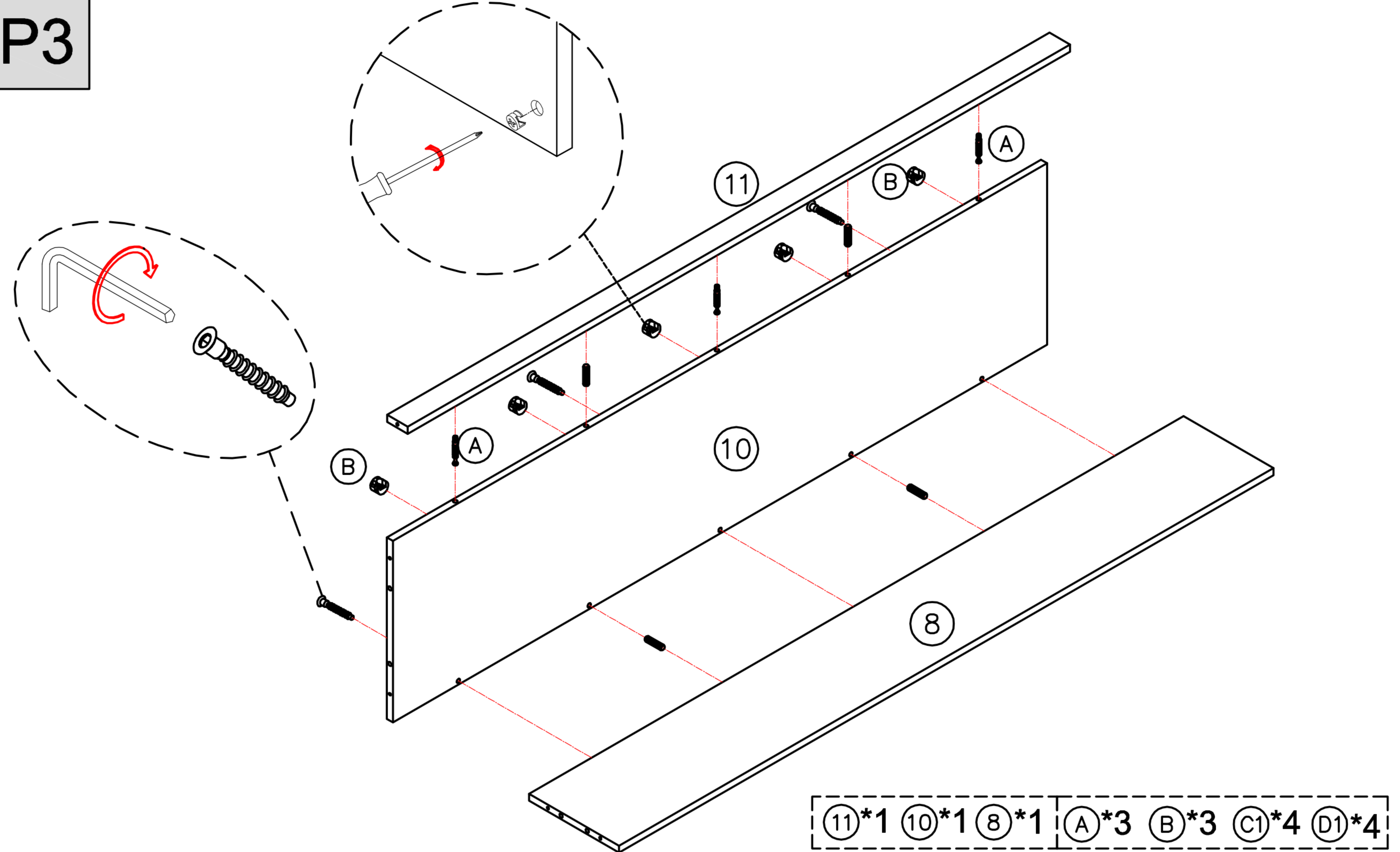
①*1	②*1	③*1	④*1	C1*4	G1*4	G2*8	G3*8	G4*8
-----	-----	-----	-----	------	------	------	------	------

STEP2

Tools Required  

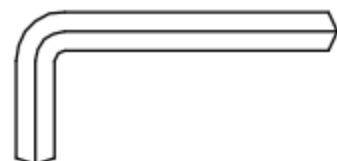


STEP3



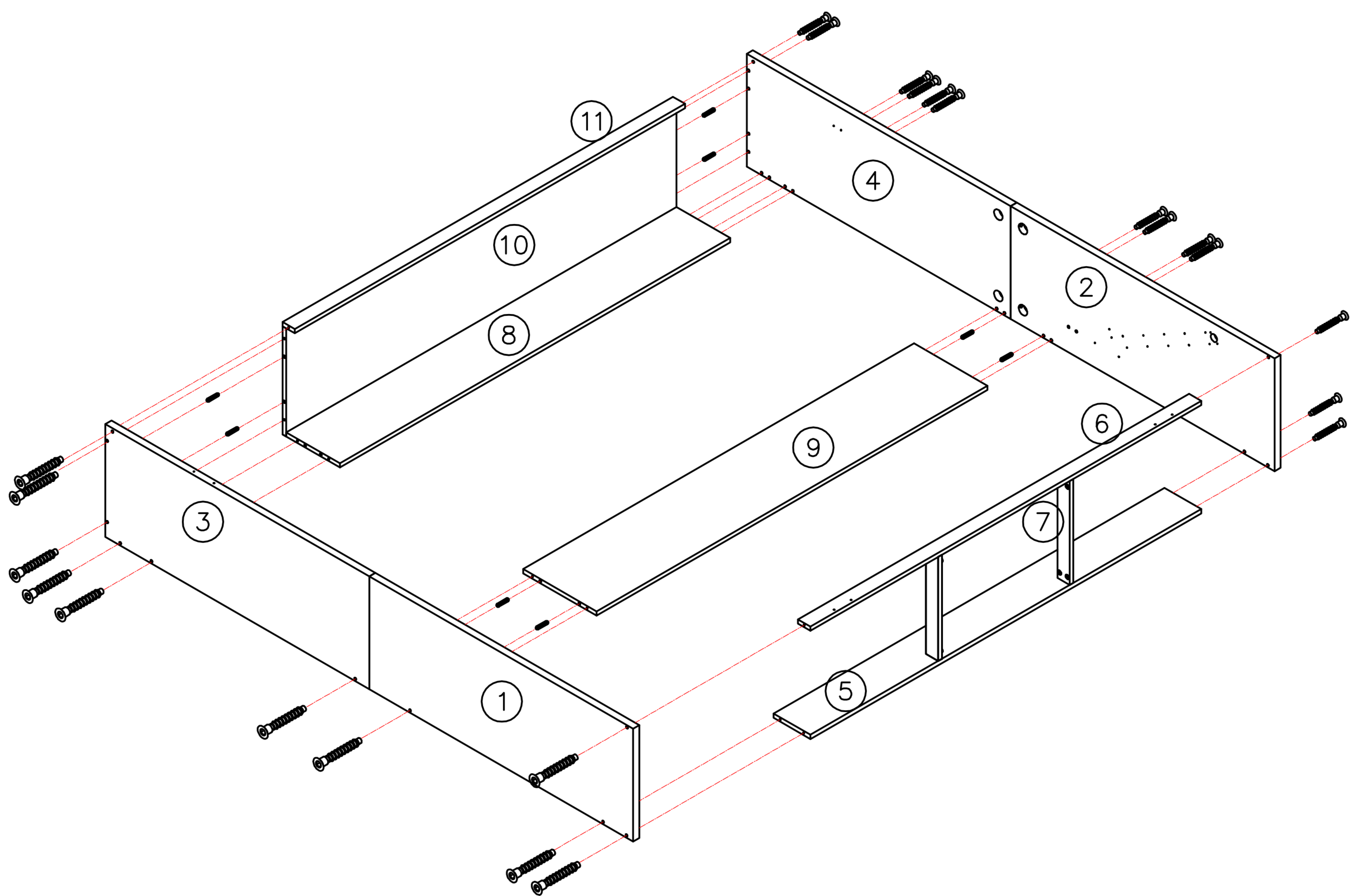
STEP4

Tools used



ATTENTION:

There are quite a few components to be installed in this step.
Please pay attention to checking whether all components are complete!
Put them together in the right position before fastening the screws!!

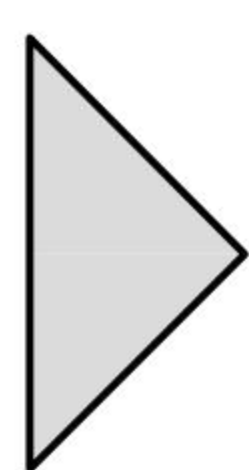


(9)*1

(C1)*8

(D2)*18

(F)*1



M WALL ANCHORING REQUIREMENTS & INSTALLATION RECOMMENDATIONS

Important information to read before starting the assembly.
Keep this information for future reference.



IMPORTANT WARNINGS

Risk of serious injuries if the wall bed tips over. To prevent wall bed from tipping over, mount it permanently to the wall. Only a qualified person² must carry out the installation and any possible adjustment of the wall bed (including disassembly). If the wall bed is not firmly mounted (anchored) to the wall, it might tip over and cause serious injuries to the installer, users of the bed as well as the people near the bed. The choice of wall anchoring depends on the type of wall, Use wall anchors suitable for the wall material.

Qualified person, it is necessary to have a good understanding of the wall structure where the bed is anchored, including the positioning of the wall studs and structural components in the case of a wood or metal structure. If you do not have the necessary skills, make sure that the wall anchoring is done by someone who has the qualifications and required knowledge. When you choose the installer, make sure to comply with all applicable regulations in the province, state or country where the furniture is installed.



IMPORTANT WARNINGS

INSTALLATION AND APPROPRIATE HARDWARE

Using appropriate hardware, all the anchor screws of the wall bed must be firmly secured to the wood or metal studs, the structural components, or a masonry wall.

Only wall anchor screws for wood-frame walls are provided with this bed.

NEVER USE DRYWALL ANCHOR SCREWS OR SECURE THE BED TO DRYWALL

See wall anchoring requirements and installation notes provided in the instruction manual, according to the type of wall, and use the appropriate anchors such as described in this manual.

NUMBER OF SCREWS NEEDED

Two (2) screws are required for each anchor point. Four (4) wall anchor points are necessary for the proper installation of the wall bed. So you need a total of eight (8) wall anchor screws.

THE SCREWS MUST BE VERY WELL ANCHORED TO THE STRUCTURAL COMPONENTS OF THE WALL.

*A CERTIFIED CONSTRUCTION PROFESSIONAL, IN COMPLIANCE WITH APPLICABLE REGULATIONS IN THE PROVINCE, STATE OR COUNTRY WHERE THE FURNITURE IS INSTALLED.

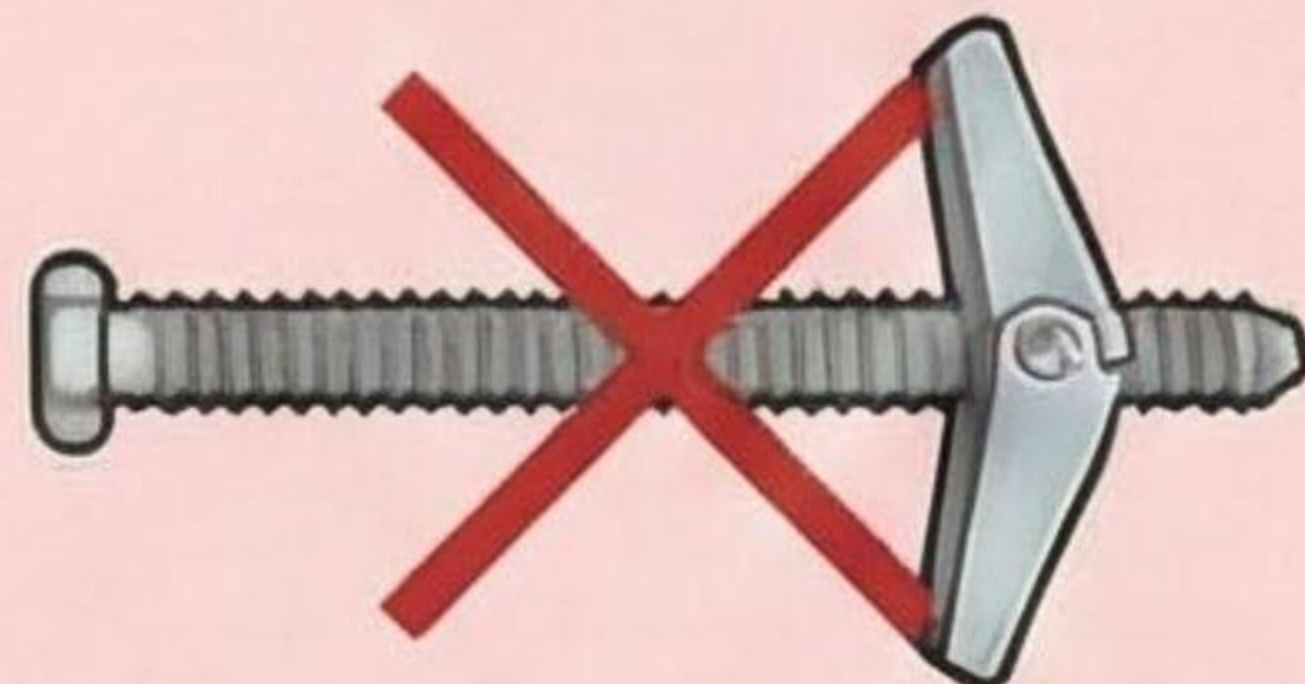


SAFETY FIRST: WALL ANCHORING IS NON-NEGOTIABLE

MURPHY BEDS MUST BE SECURELY ANCHORED TO STRUCTURAL MEMBERS. NEVER MOUNT SOLELY TO DRYWALL. IMPROPER INSTALLATION CAN CAUSE SERIOUS INJURY OR DEATH.



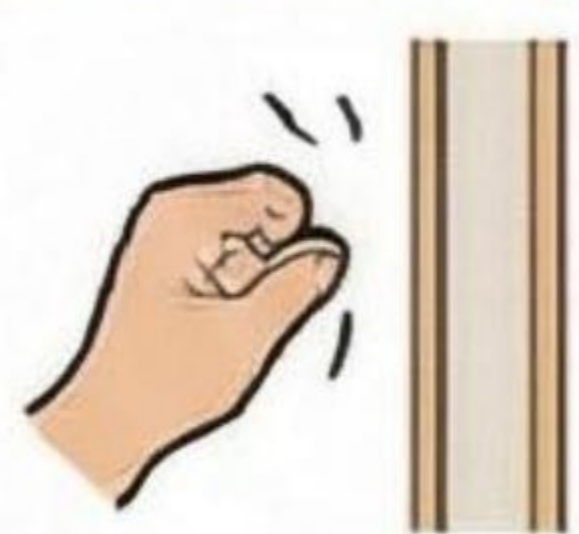
ABSOLUTELY FORBIDDEN HARDWARE



PLASTIC ANCHORS - WILL FAIL

A. WOOD STUD WALL

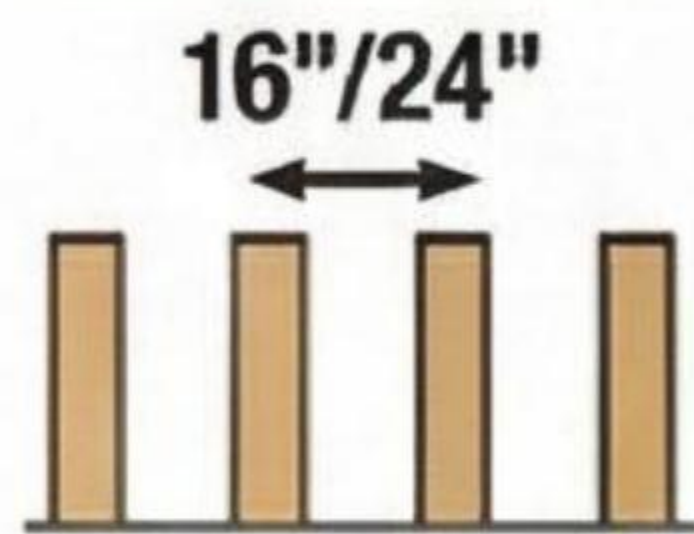
HOW TO IDENTIFY



KNOCK ON A
HOLLOW WALL



STUD FINDER
TOOL (MITS)

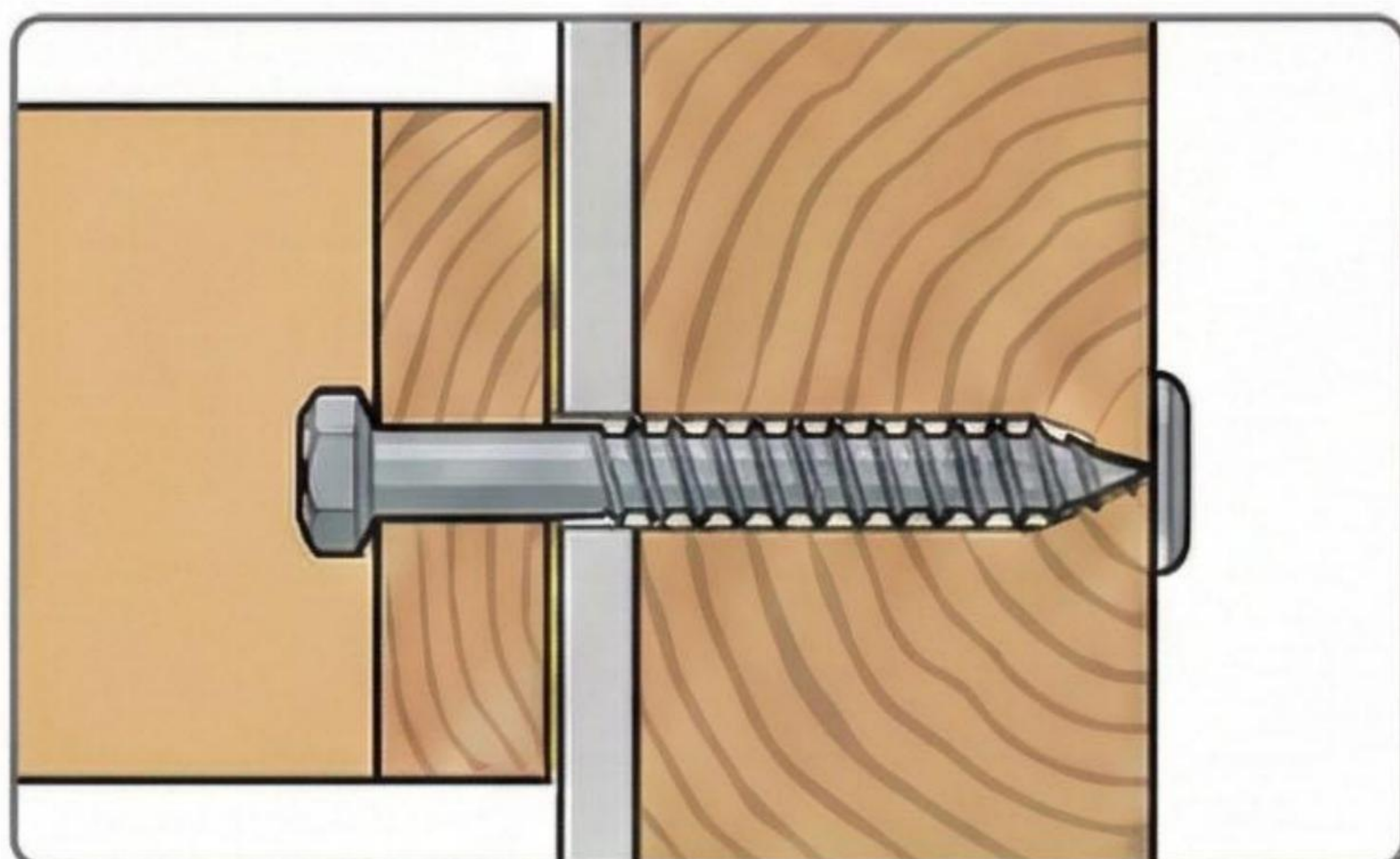


STUDS SPACED
IS 16" STUD

REQUIRED HARDWARE



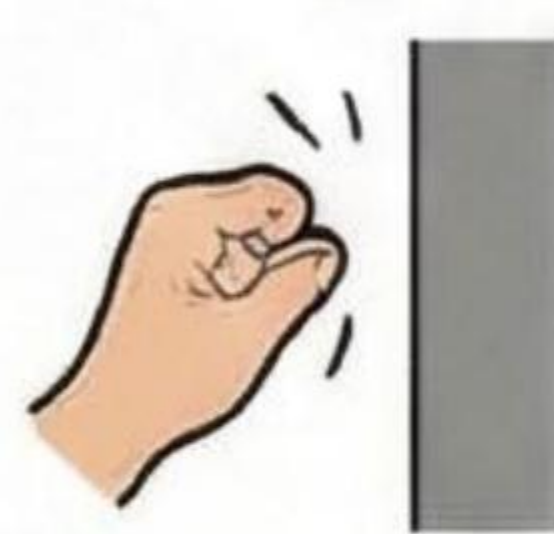
HEAVY-DUTY SCREWS (MIN. 5/32" DIA., 2.5" LONG)



MUST PENETRATE WOOD STUD CENTER AT LEAST 2.5"

B. MASONRY/CONCRETE WALL

HOW TO IDENTIFY



KNOCK ON A
SOLID WALL

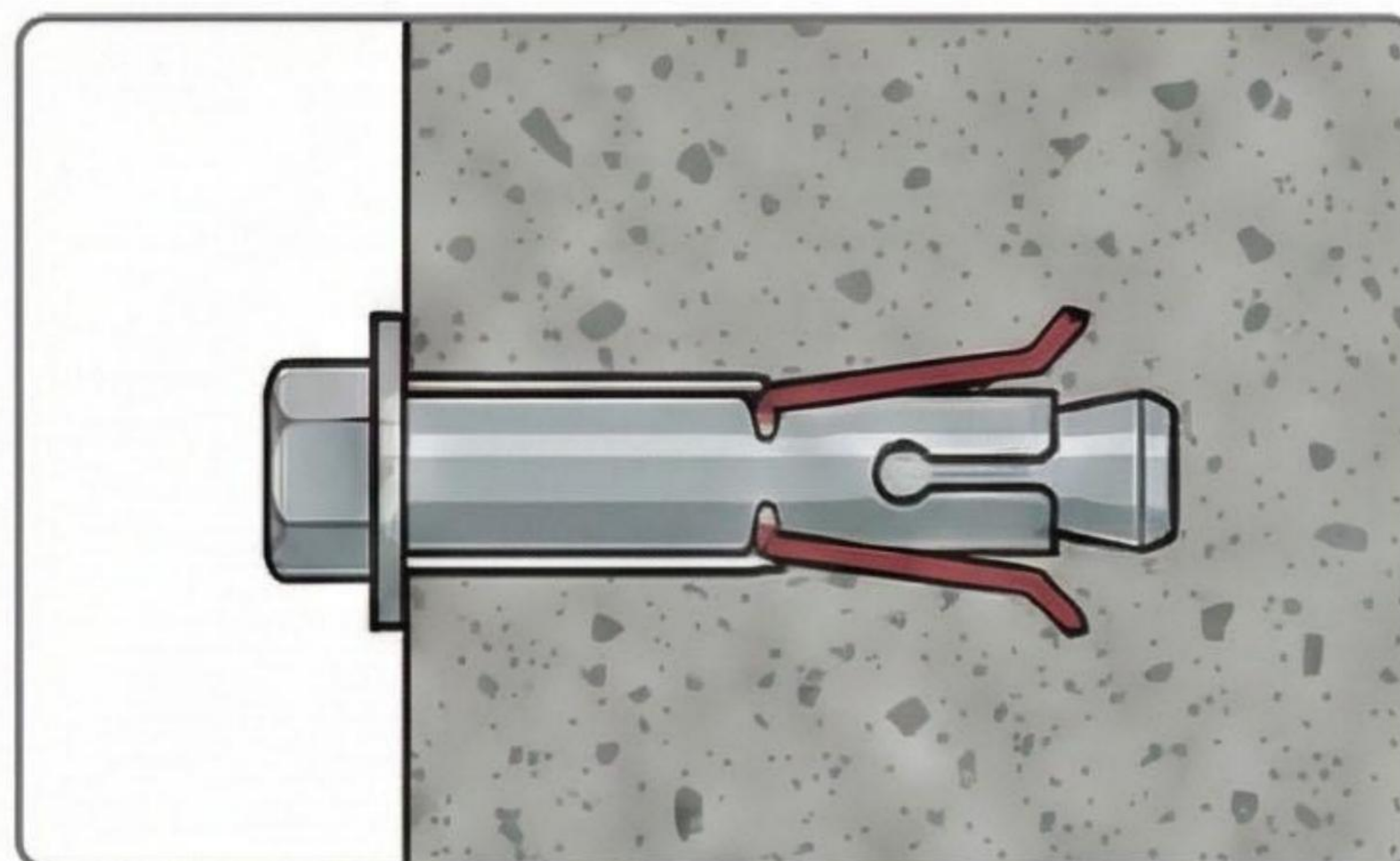


DRILL BIT CREATES
GREY/RED DUST

REQUIRED HARDWARE



ALL-METAL EXPANSION BOLTS
(MIN. 5/32" DIA., 2.5" LONG)



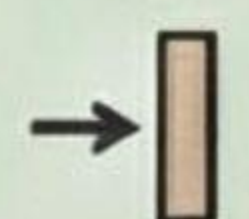
CLEAN HOLE OF DUST. **DO NOT** USE PLASTIC.



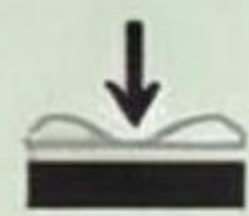
FINAL SAFETY CHECKLIST



VERIFY STUD CENTER BEFORE DRILLING



ENSURE FLUSH WALL FIT (ADJUST BASEBOARD)



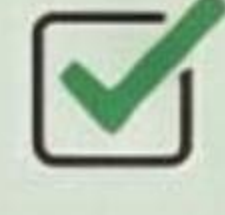
PERFORM PULL TEST BEFORE MATTRESS LOAD



AVOID HIDDEN WIRES/PIPES BEFORE DRILLING

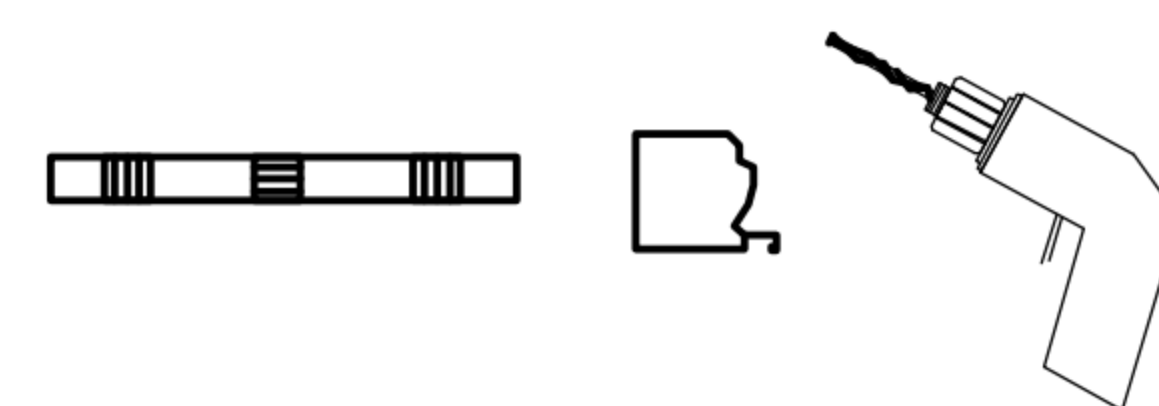


REGULARLY INSPECT AND MAINTAIN WALL ANCHORS



CONSULT A PROFESSIONAL FOR WALL ASSESSMENT
AND OPTIMAL HARDWARE; CUSTOMER ASSUMES
ALL INSTALLATION LIABILITY

STEP5



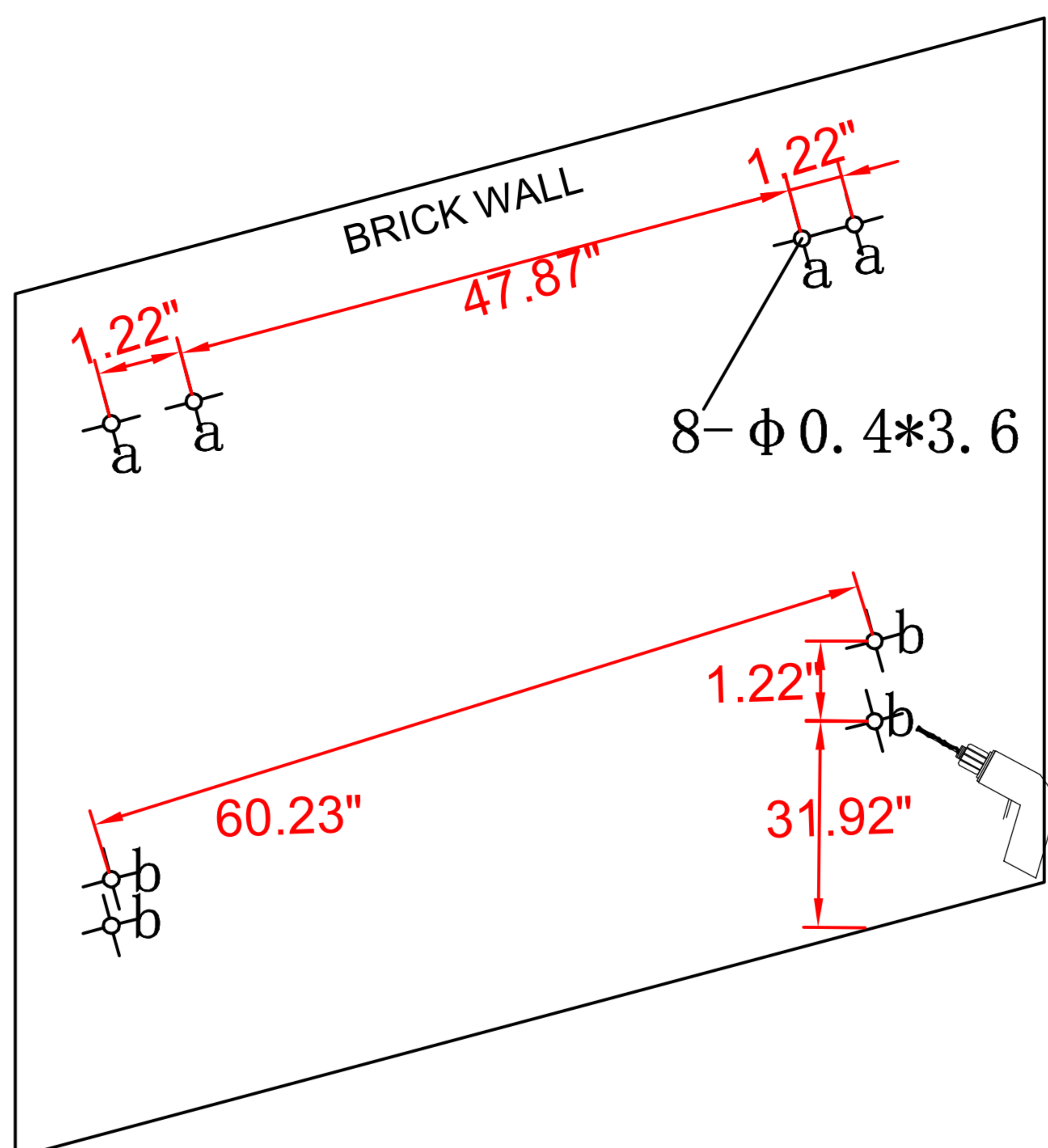
Tools Required



M WARNING:

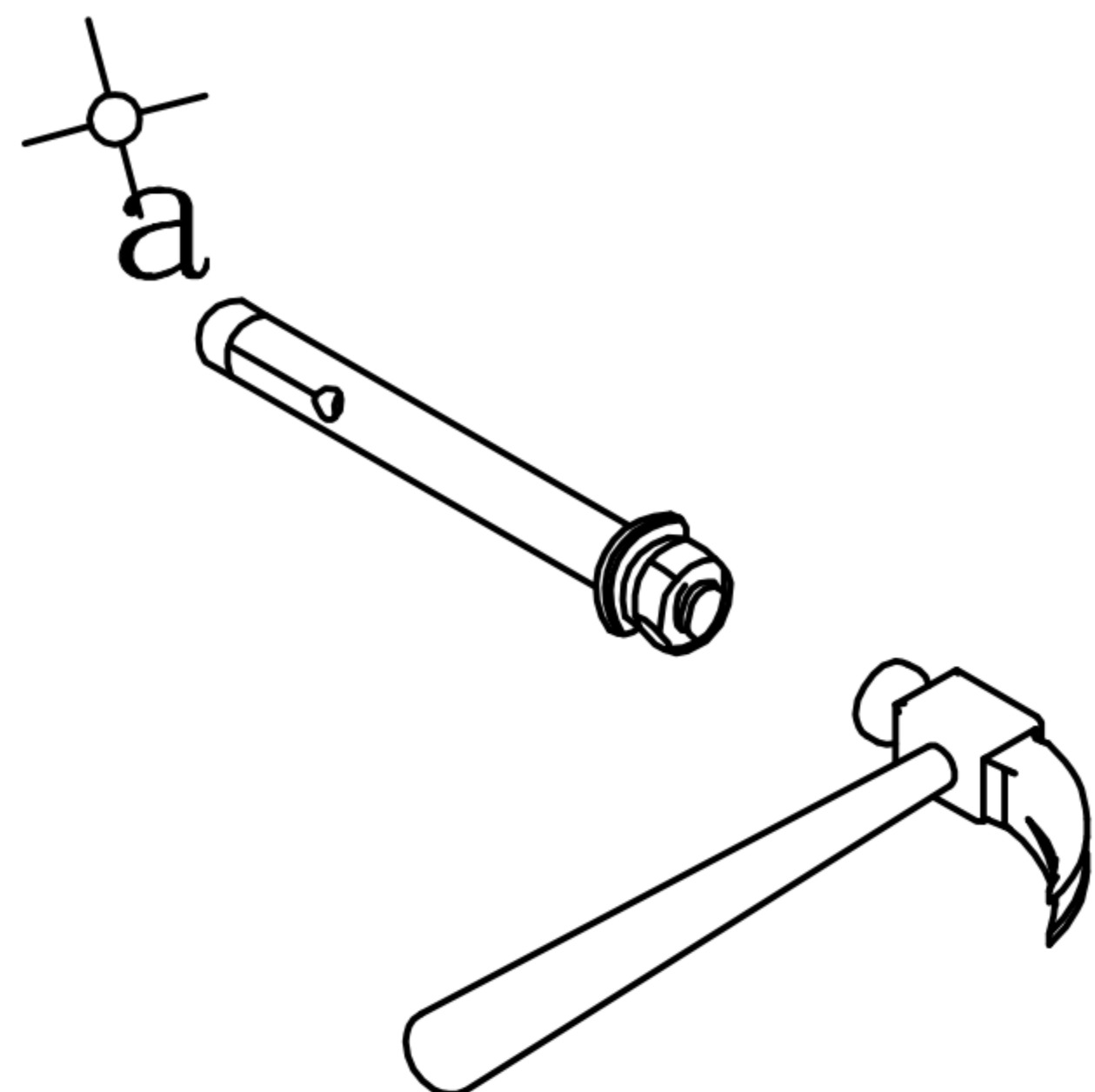
There is a risk of serious injury due to the wall-mounted bed tipping over.

To prevent the wall-mounted bed from tipping over, it must be permanently secured to a brick wall. If the wall structure is not masonry, qualified professionals are required to perform the wall anchoring.

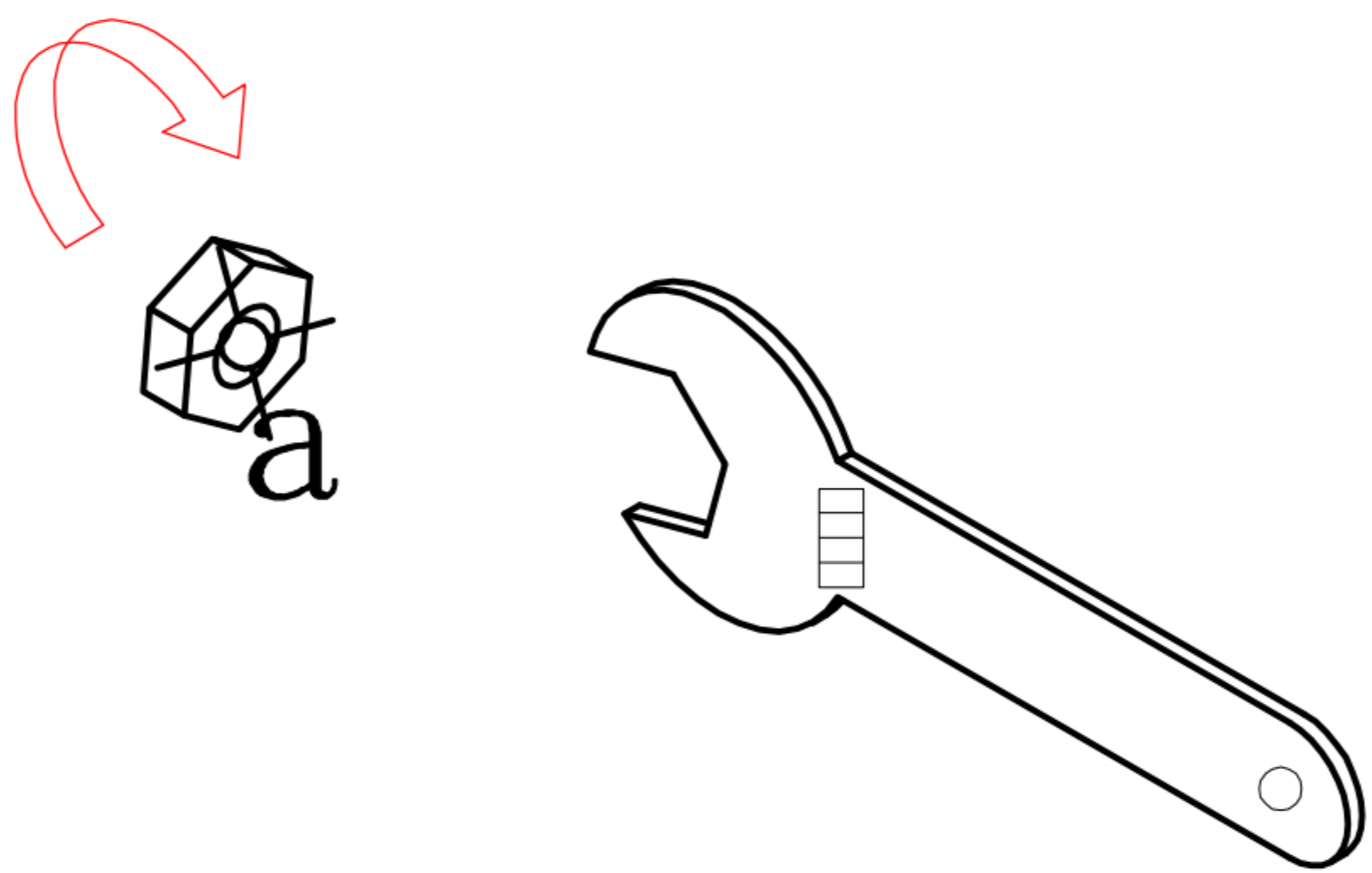
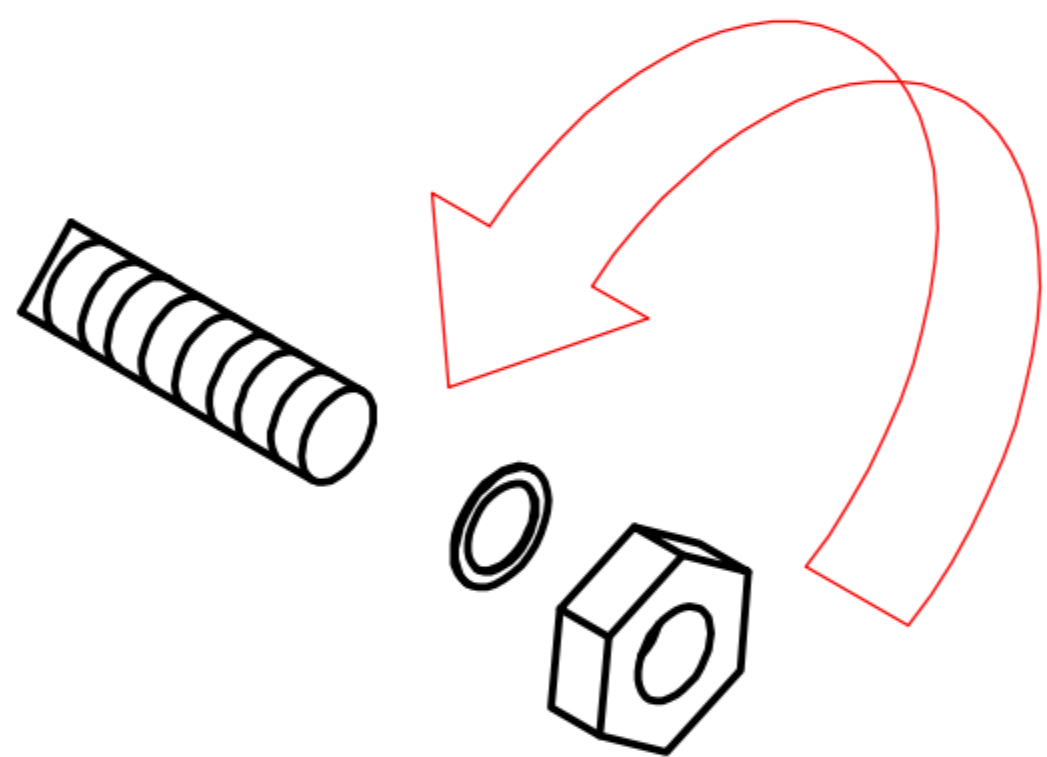
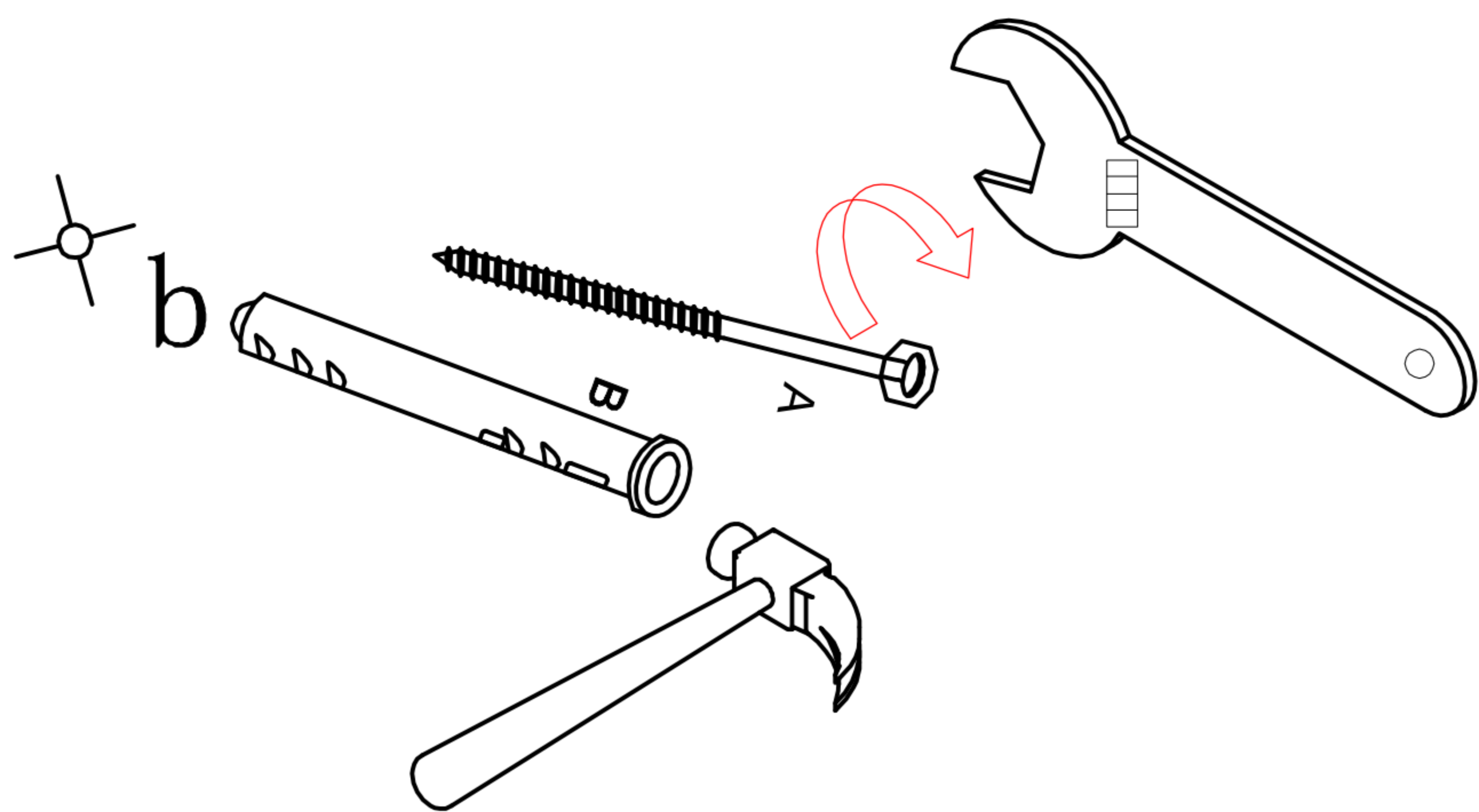


1. Use a marker pen, a tape measure, and a spirit level to mark positions on the brick wall according to the positions shown in the diagram. Use an electric drill to create 4 A holes and 4 B holes at the marked positions; Hole A has a diameter of 0.4 inches and a depth of 3.6 inches; Hole B has a diameter of 0.4 inches and a depth of 3.9 inches.

STEP6

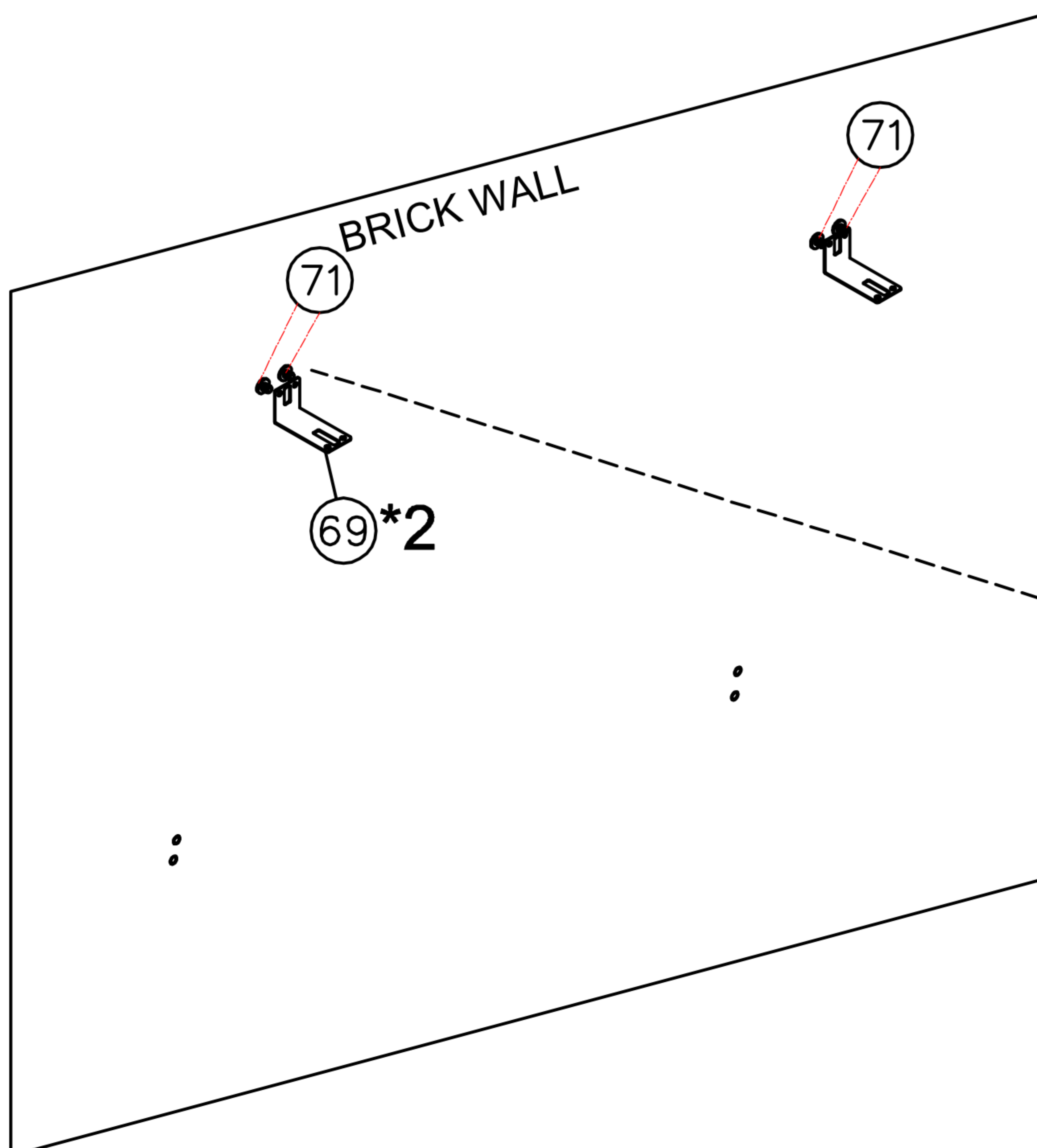


2,
Gently tap the No. 71 expansion bolts into the holes with a hammer until 0.04 inches are exposed outside. Use an adjustable wrench to tighten the nuts on the expansion bolts clockwise with force. Use an adjustable wrench to remove the nuts and anti-slip washers from the expansion bolts.

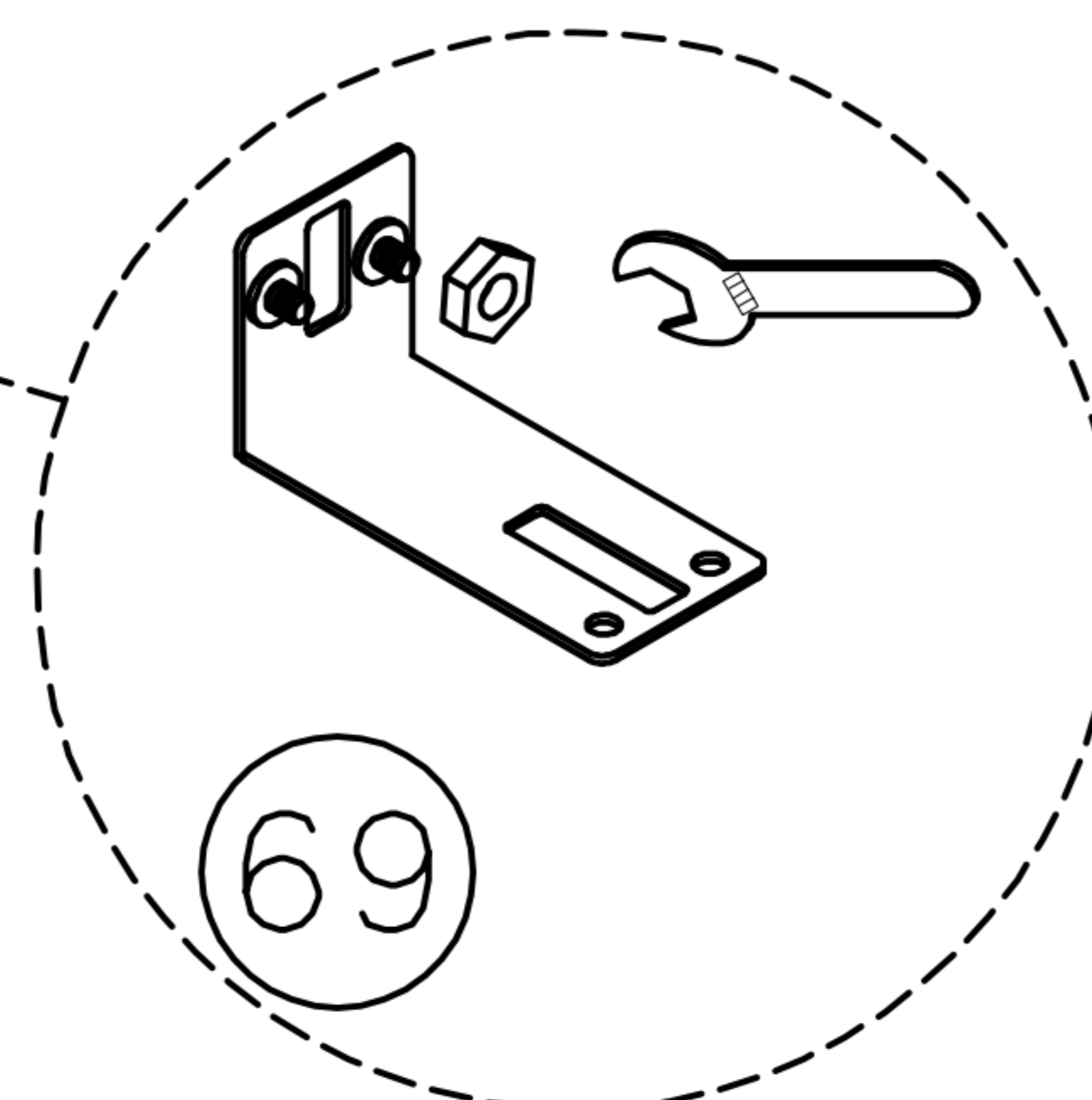
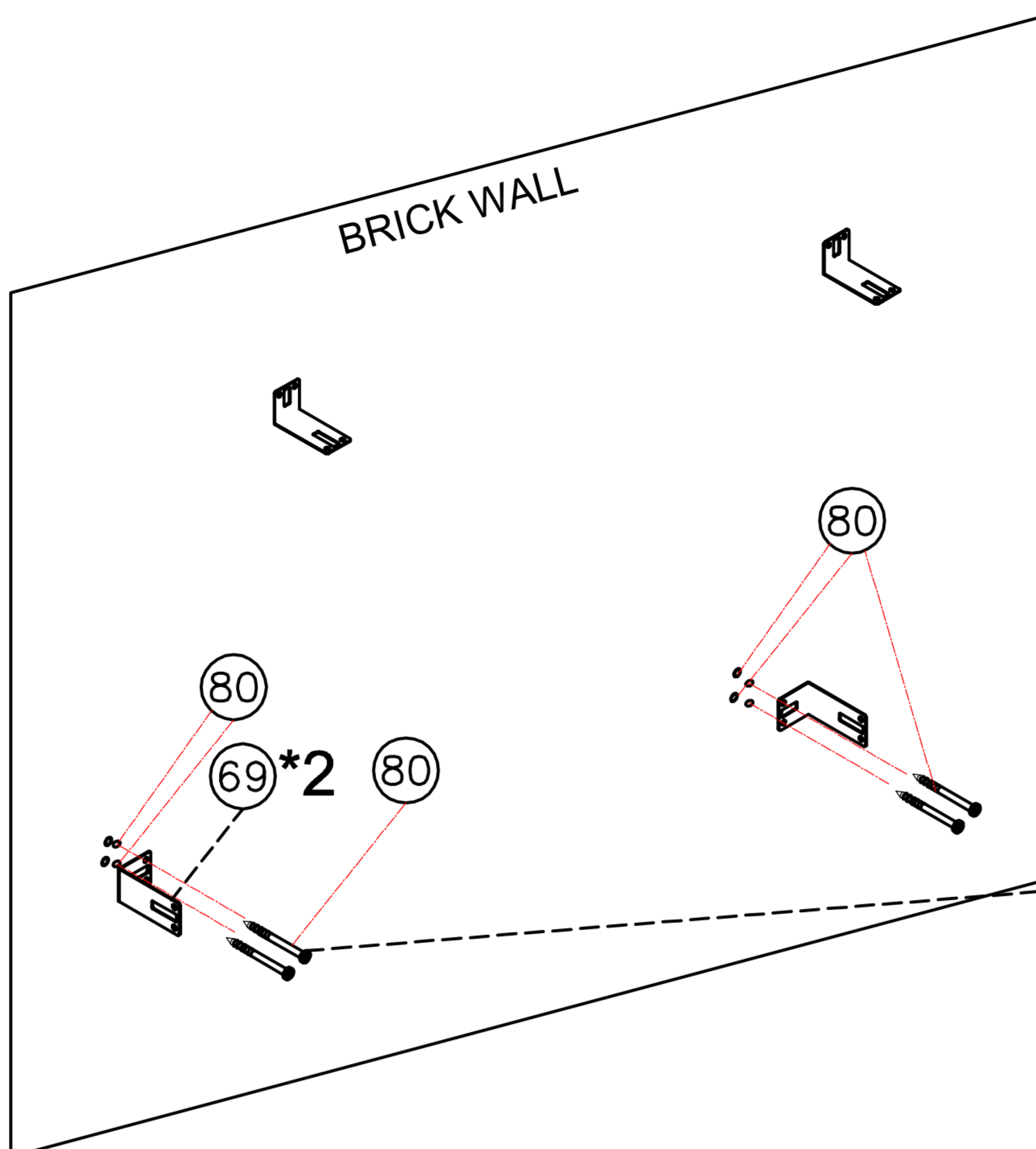


3,
Gently tap the No. 80 expansion rubber hose into hole B with a hammer until the end ring of the expansion rubber hose is flush with the wall.

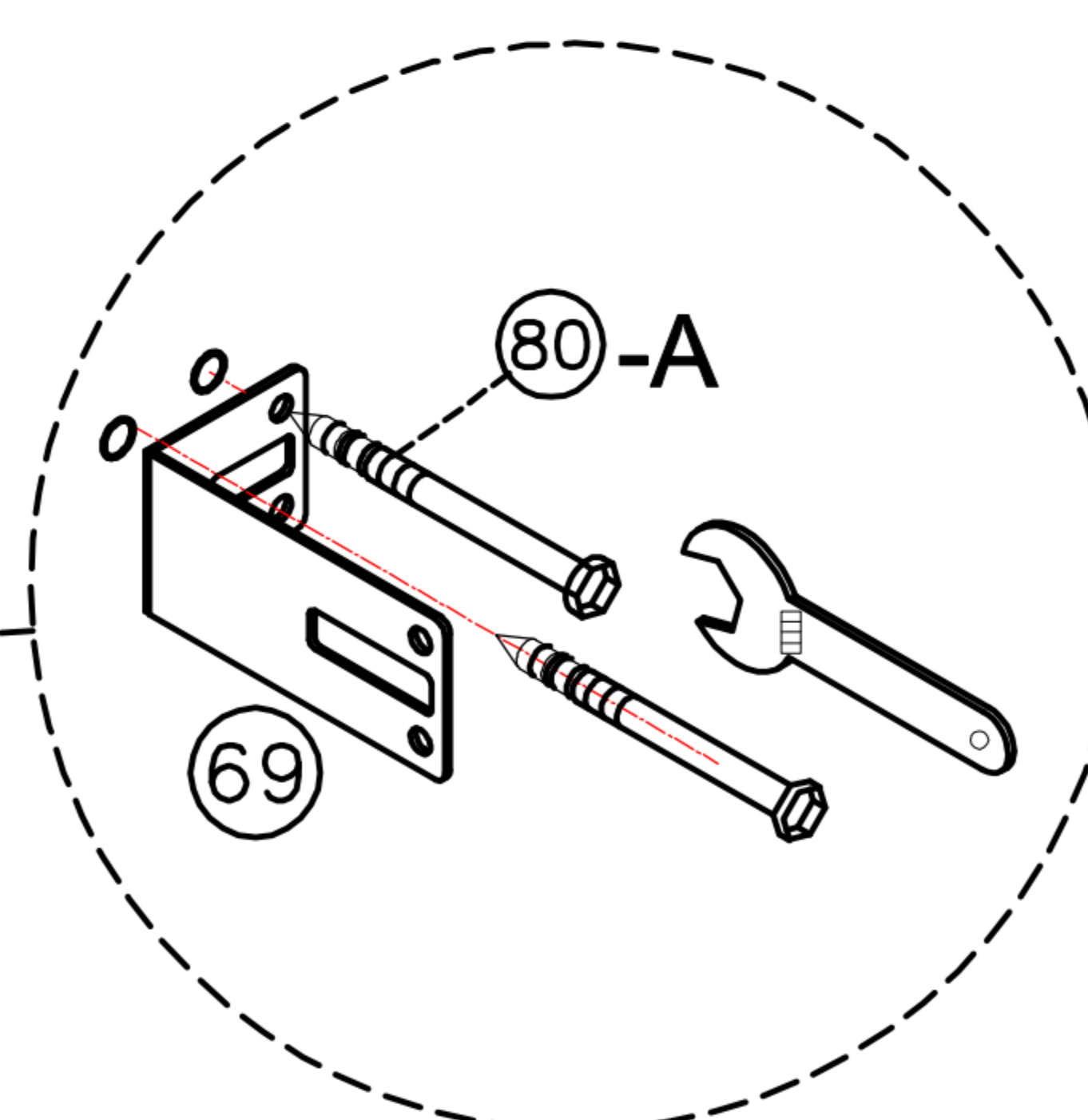
(71)*4 (80)A-B*4



4, Please install the No. 69 iron part strictly according to the direction shown in the diagram.



4, Please install the No. 69 iron part strictly according to the direction shown in the diagram.



(69)*4 (71)*4 (80) A-B*4

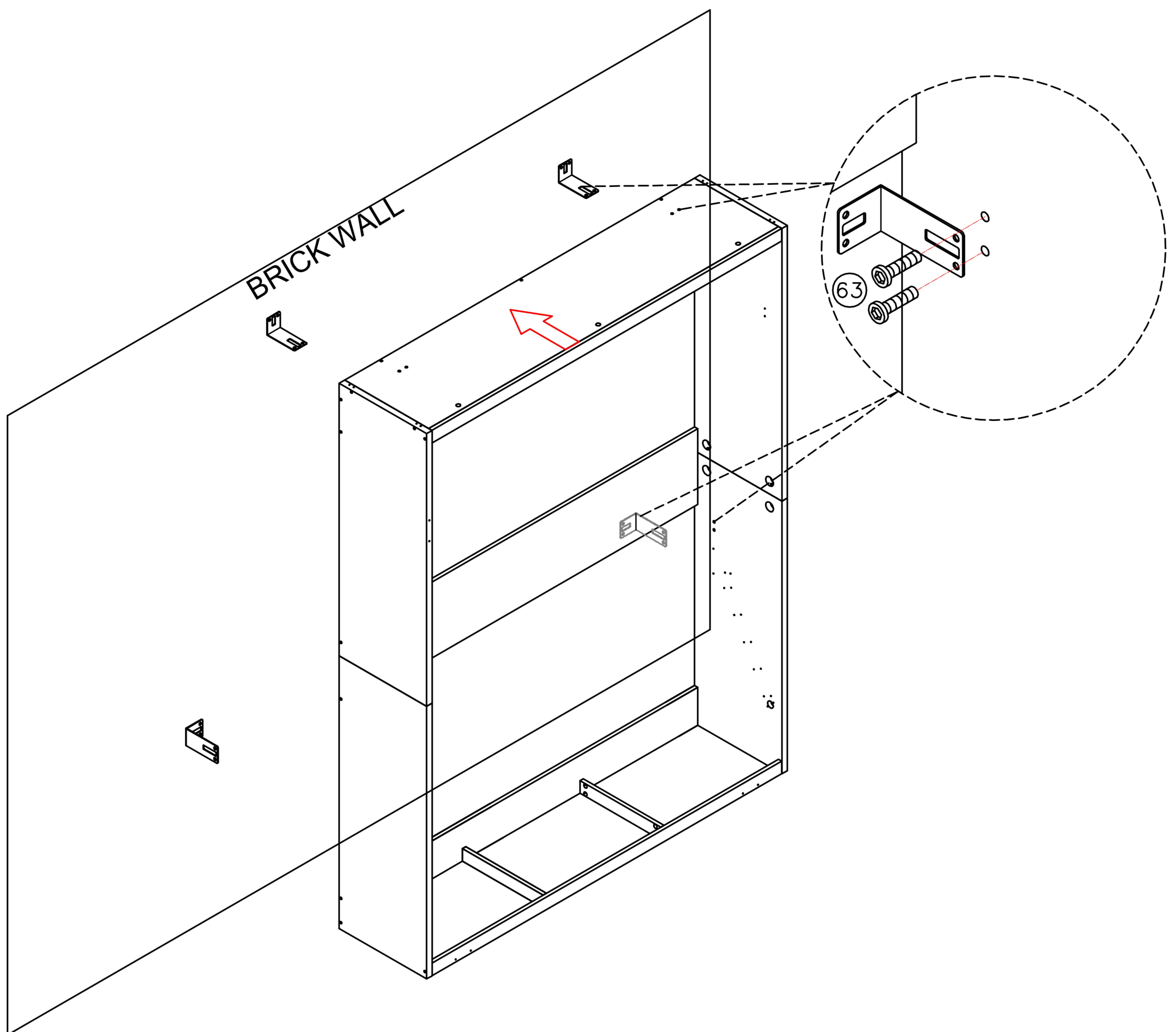
STEP7



WARNING

For your safety

This step requires at least 4 people to complete together. One person is responsible for observing and guiding the moving direction of the cabinet body; two people respectively cooperate on both sides of the cabinet body to move it to the accurate position; and one person is responsible for keeping it upright to prevent the cabinet body from tipping over.



63*8

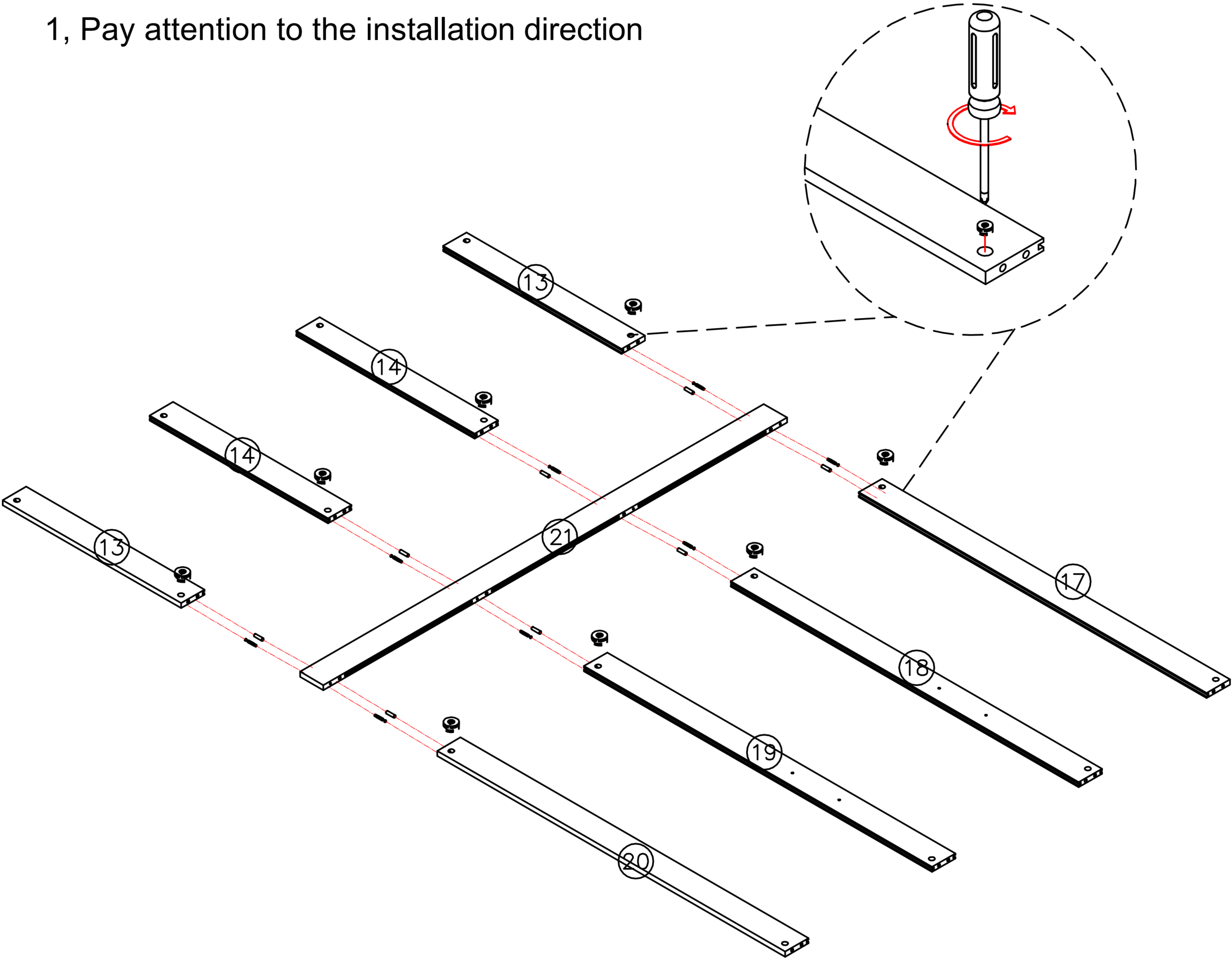
STEP8

Tools Required



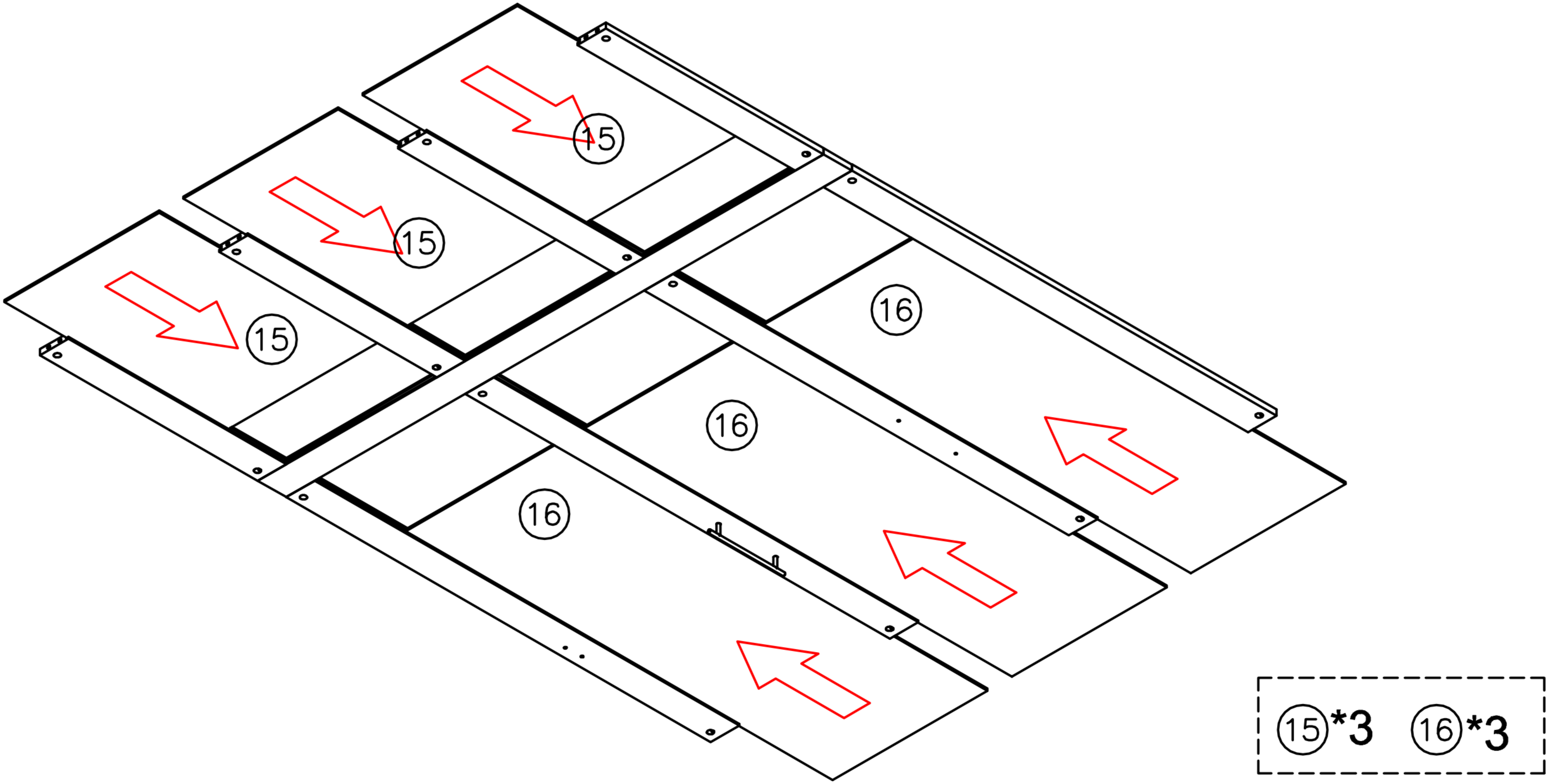
ATTENTION:
This step involves similar panel components. To prevent assembly errors, please carefully distinguish the installation positions according to the component numbers

1, Pay attention to the installation direction

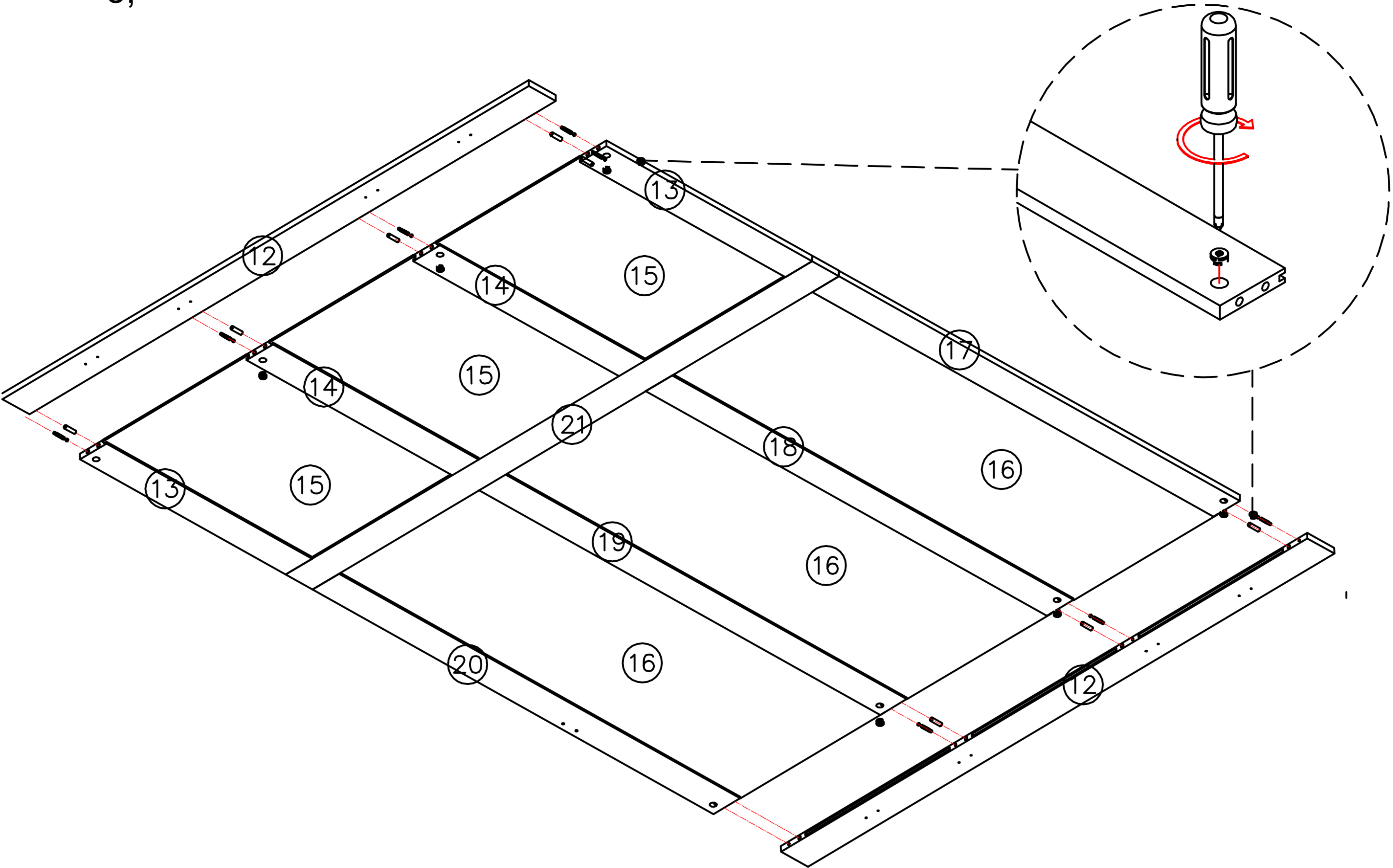


(13)*2 (14)*2 (17)*1 (18)*1 (19)*1 (20)*1	(A)*8 (B)*8 (C1)*8
---	--------------------

2, Slots

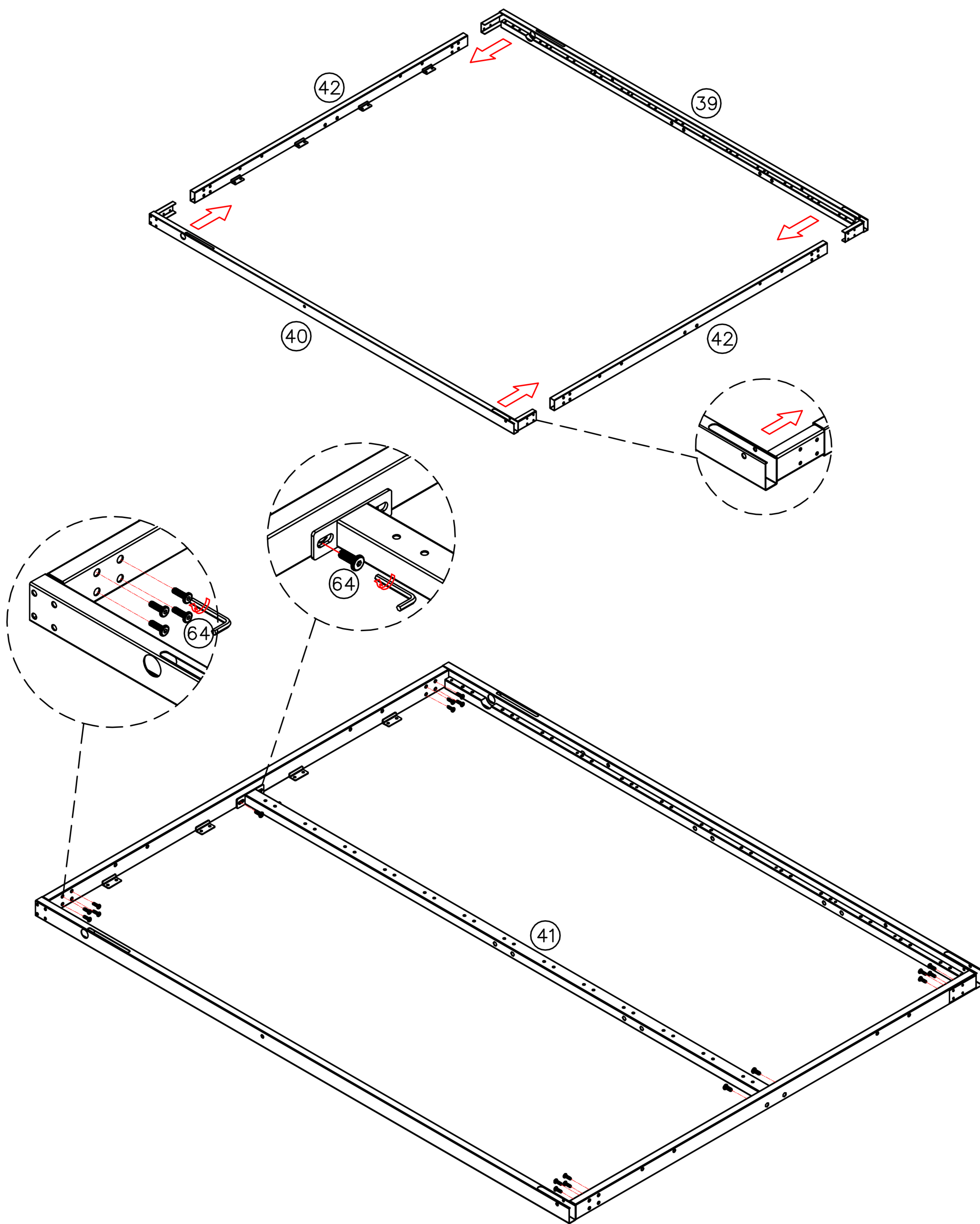


3,



(12)*1 (21)*1 (A)*8 (B)*8 (C1)*8

STEP9



To prevent incorrect installation, please strictly install Panel 41#
in the direction shown in the diagram.

- (39)*1

(40)*1

(42)*2

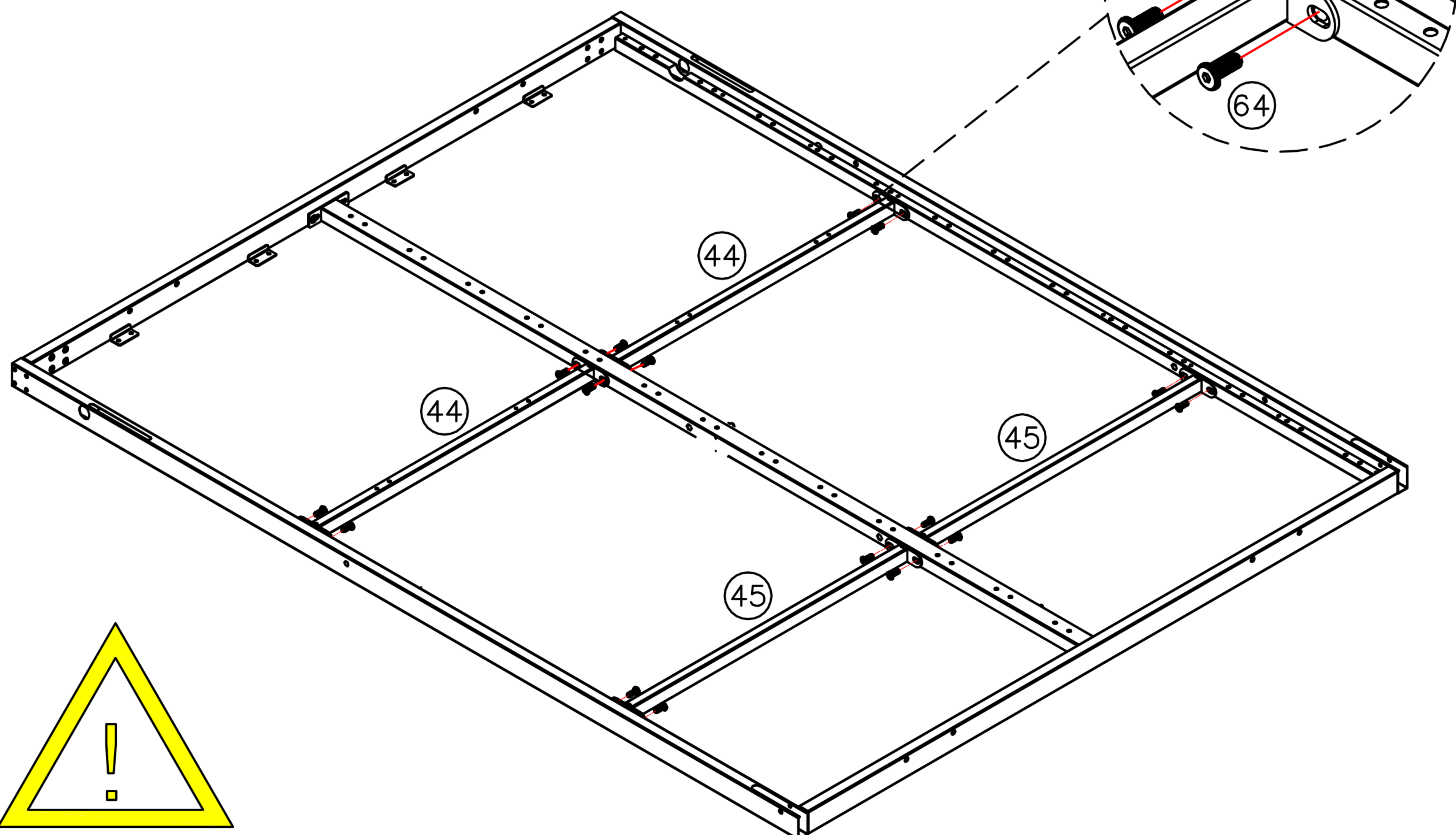
(63)*16

(64)*4

(72)*1

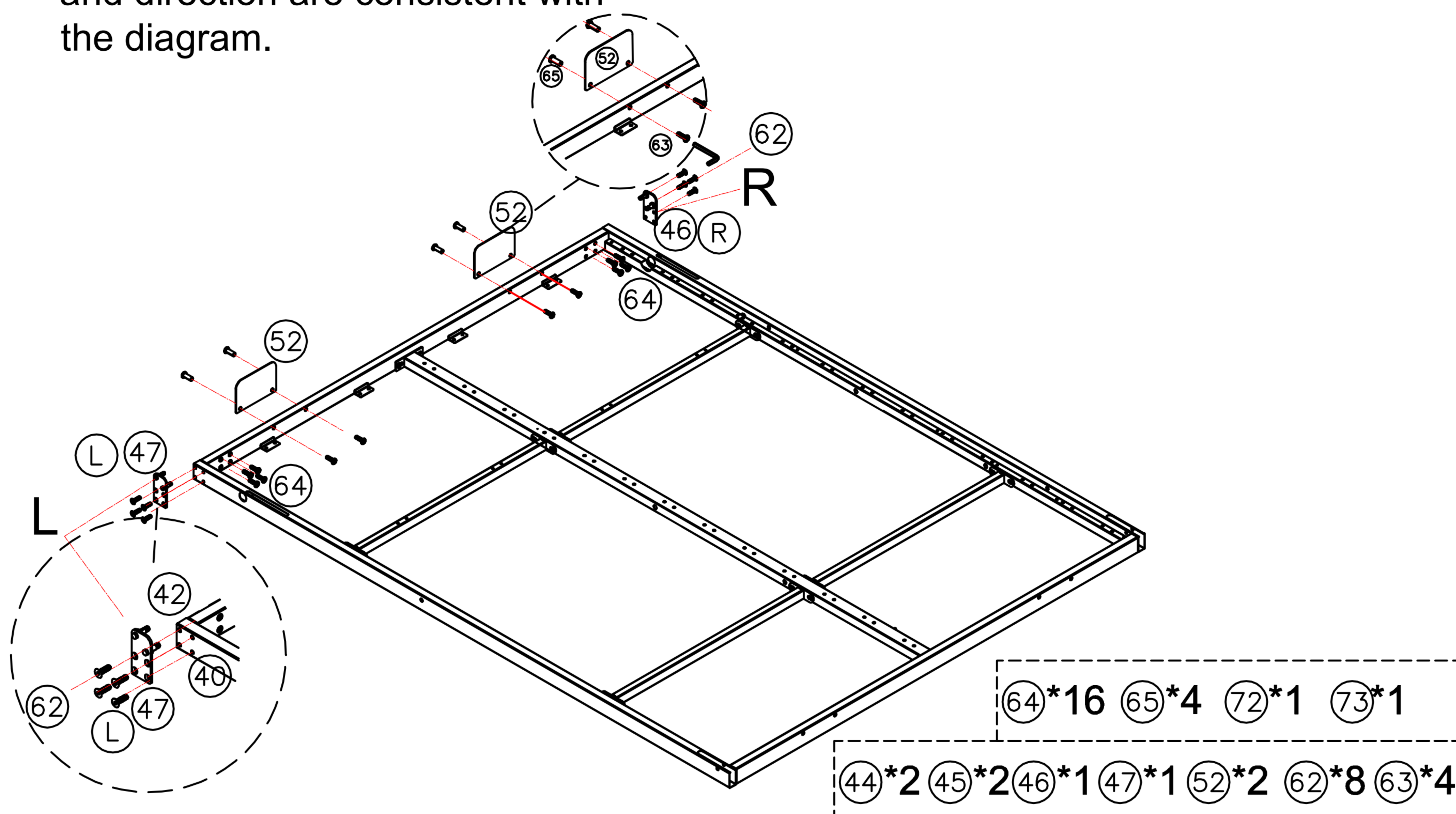
(73)*1

STEP10



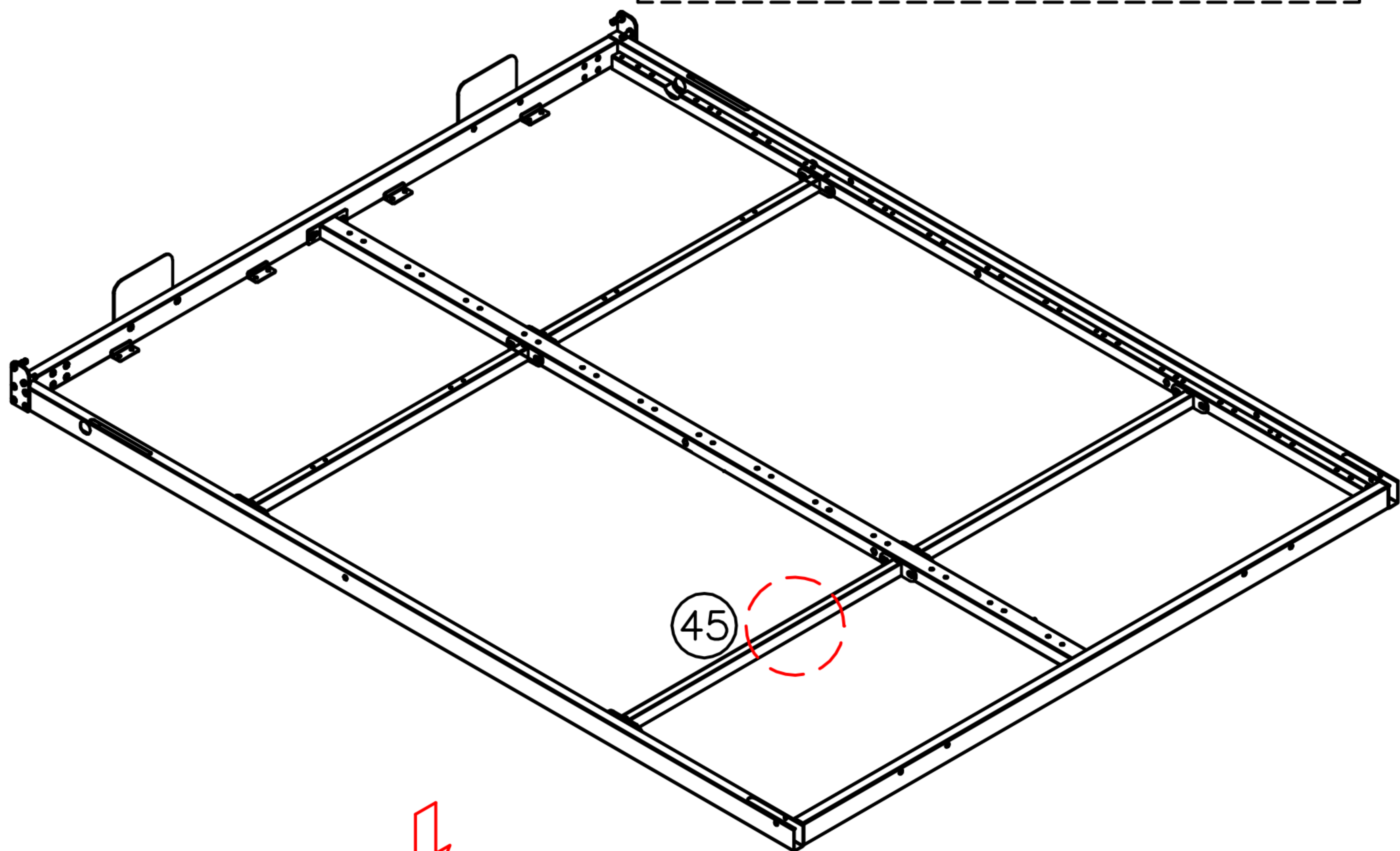
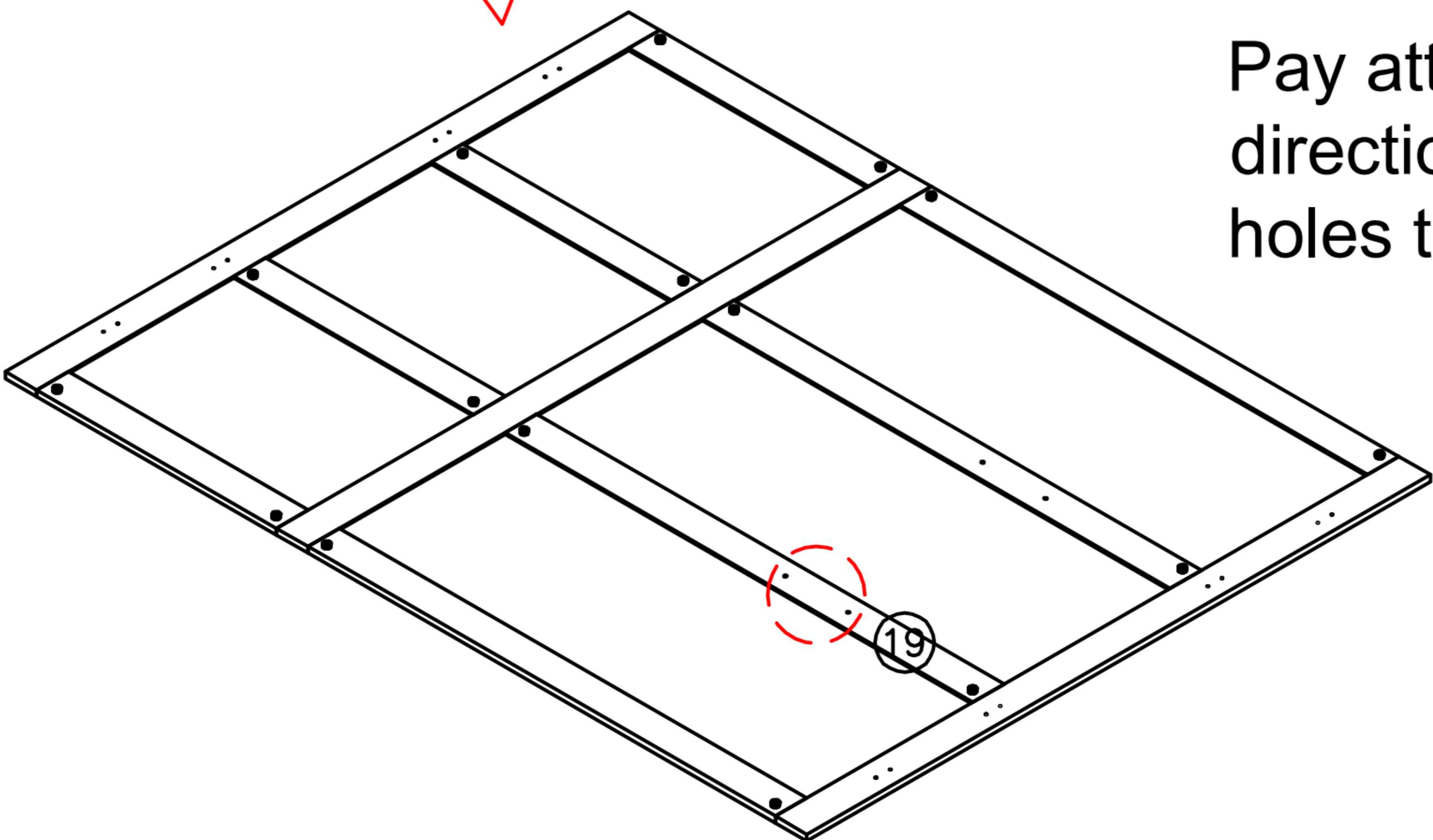
WARNING

Incorrect assembly of Part 46 and Part 47 will inevitably causedamage to the product during use.Please carefully check whether their installation position and direction are consistent with the diagram.

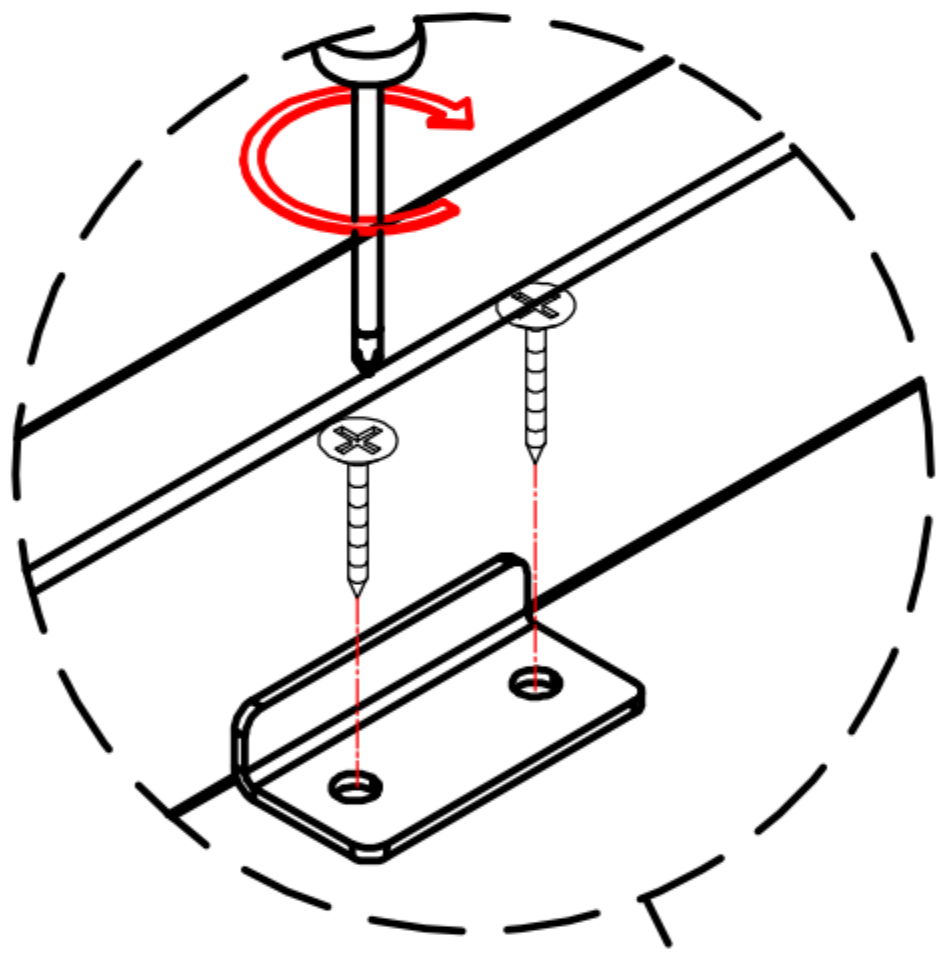


STEP11

Tools Required  

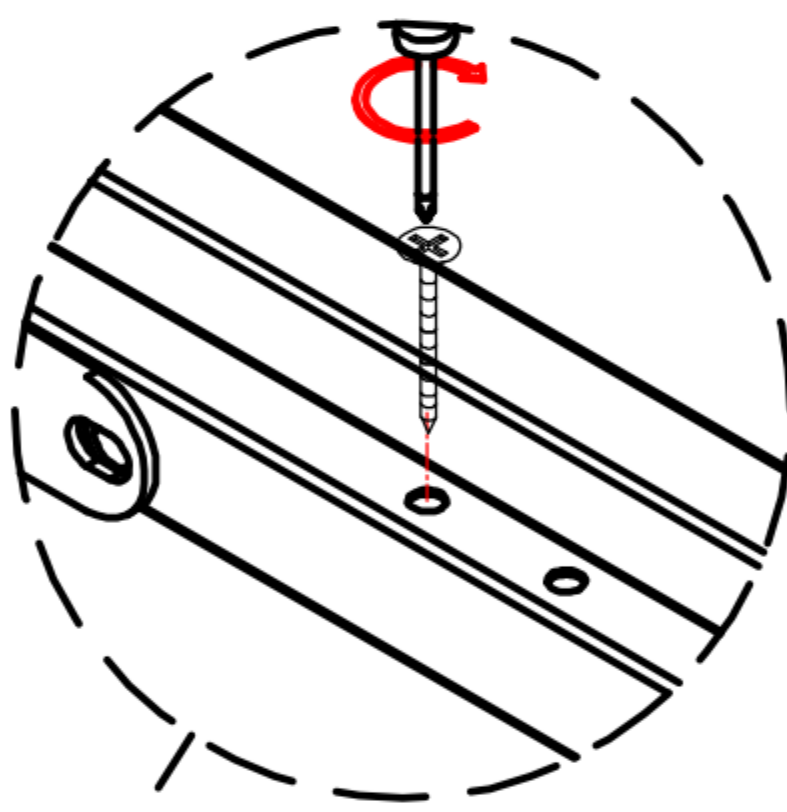
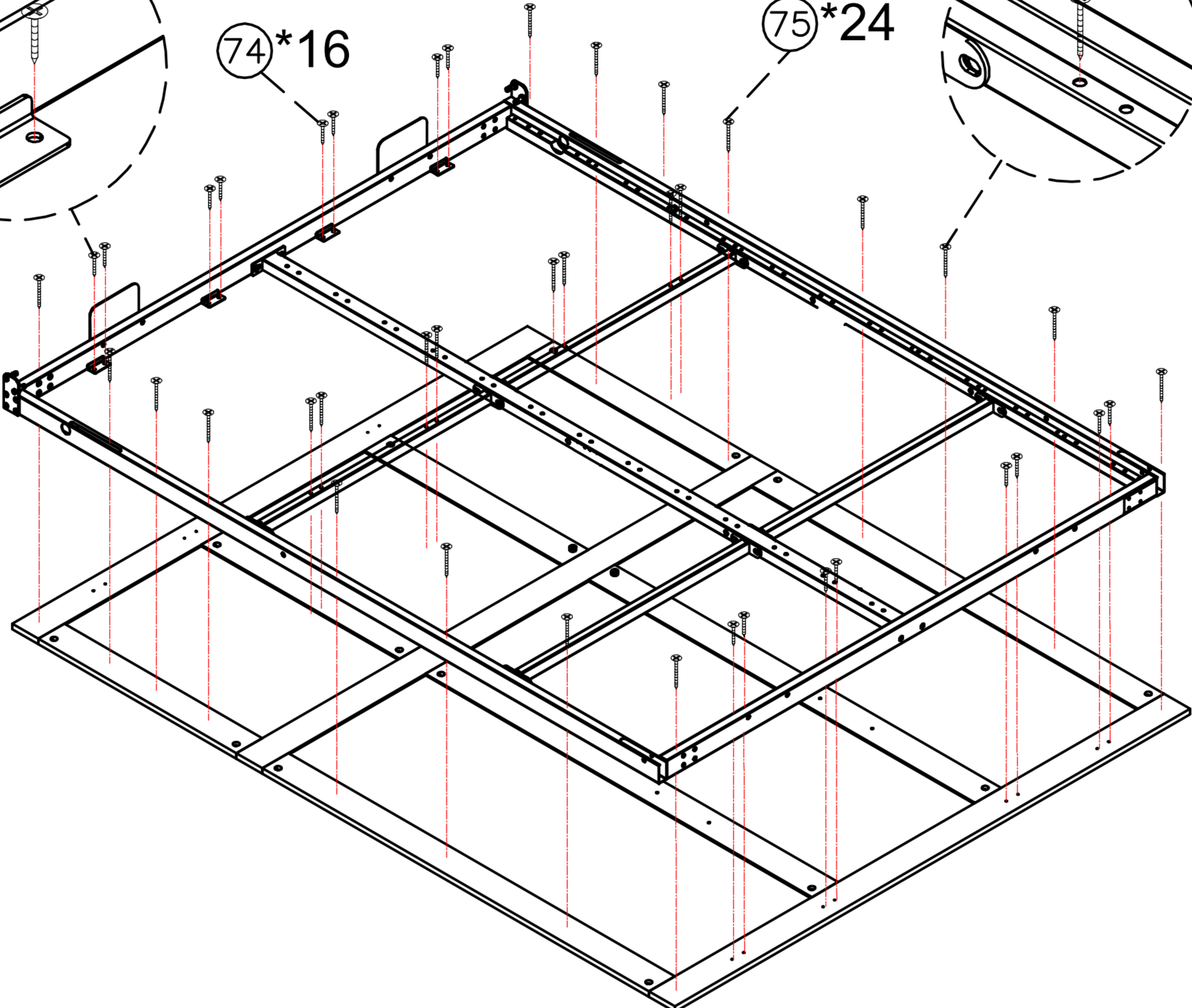


Pay attention to the installation direction. Especially 14# has two guide holes to install 53# stretch across 45#.



74*16

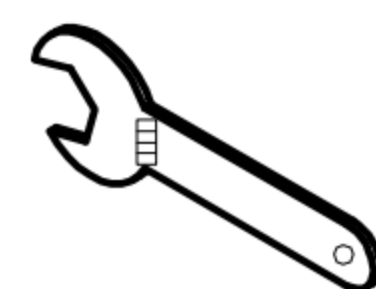
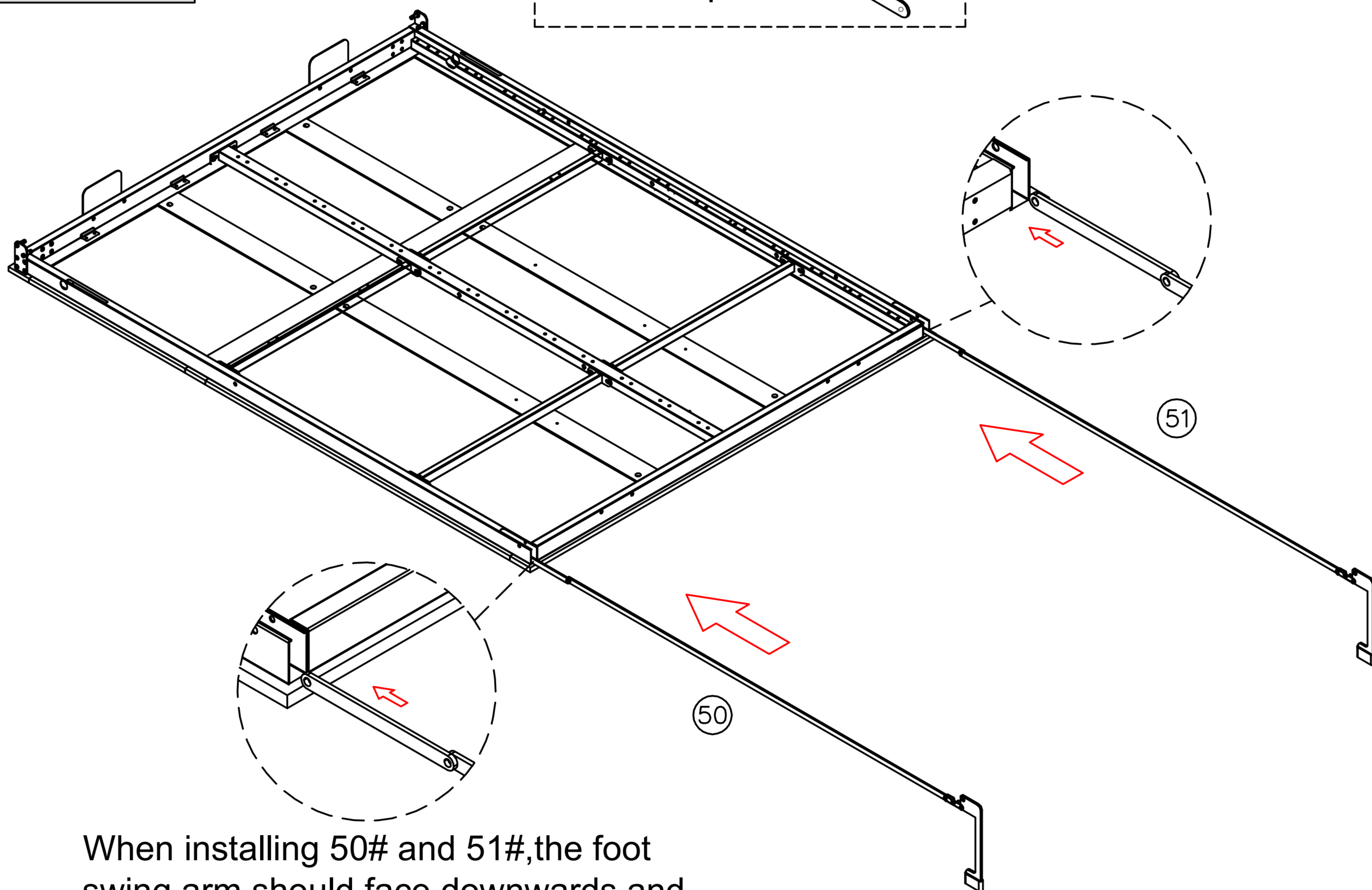
75*24



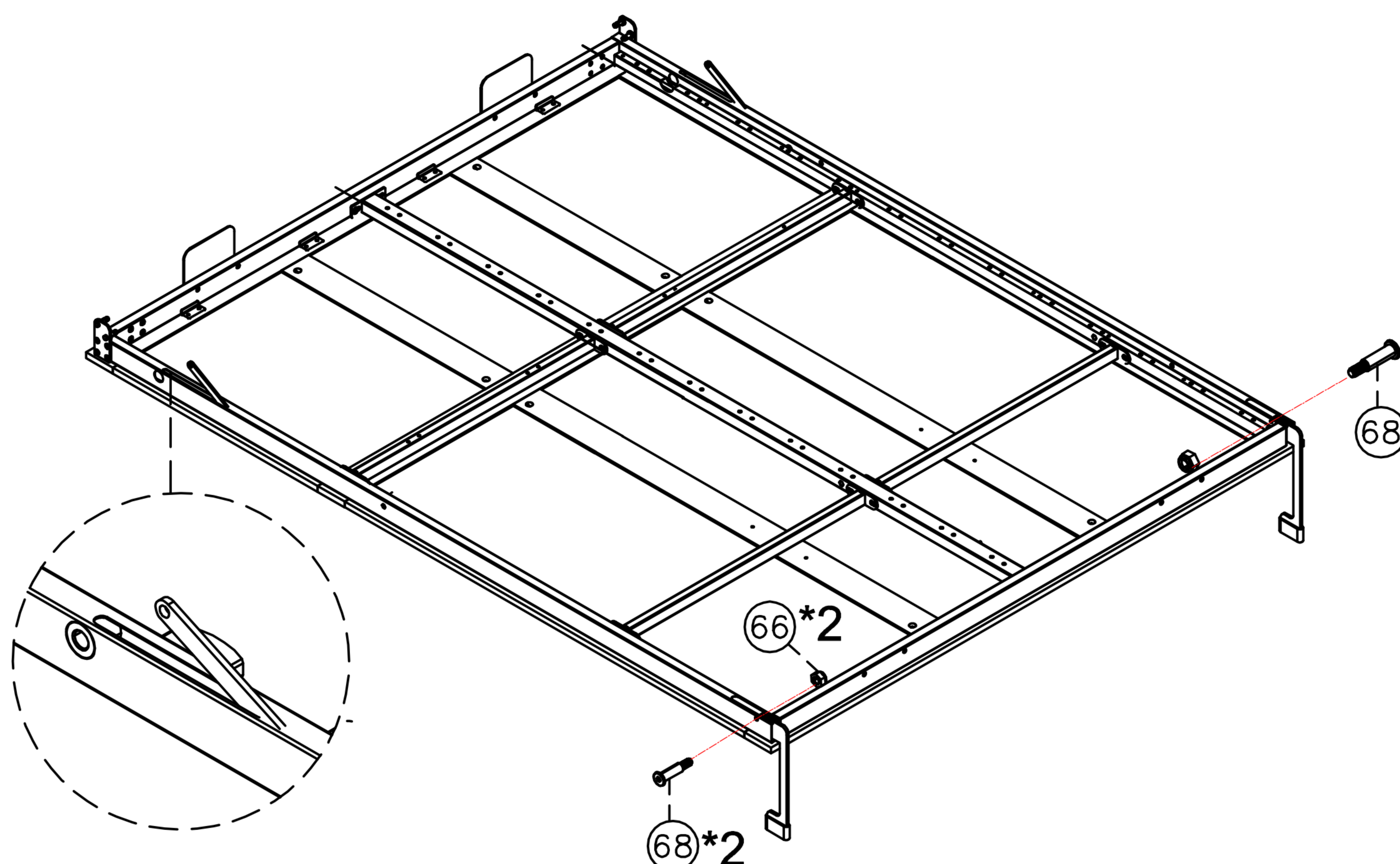
74*16 75*24

STEP12

Tools Required



When installing 50# and 51#, the foot swing arm should face downwards and the small swing arm should be on the outer side. 50# and 51# can not be exchanged!!

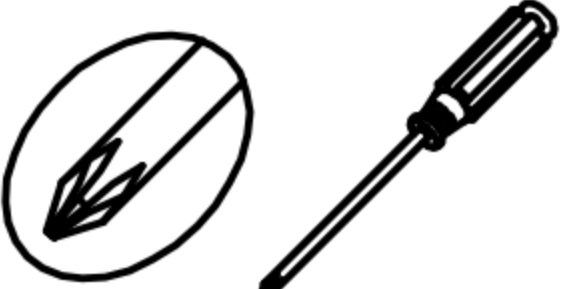
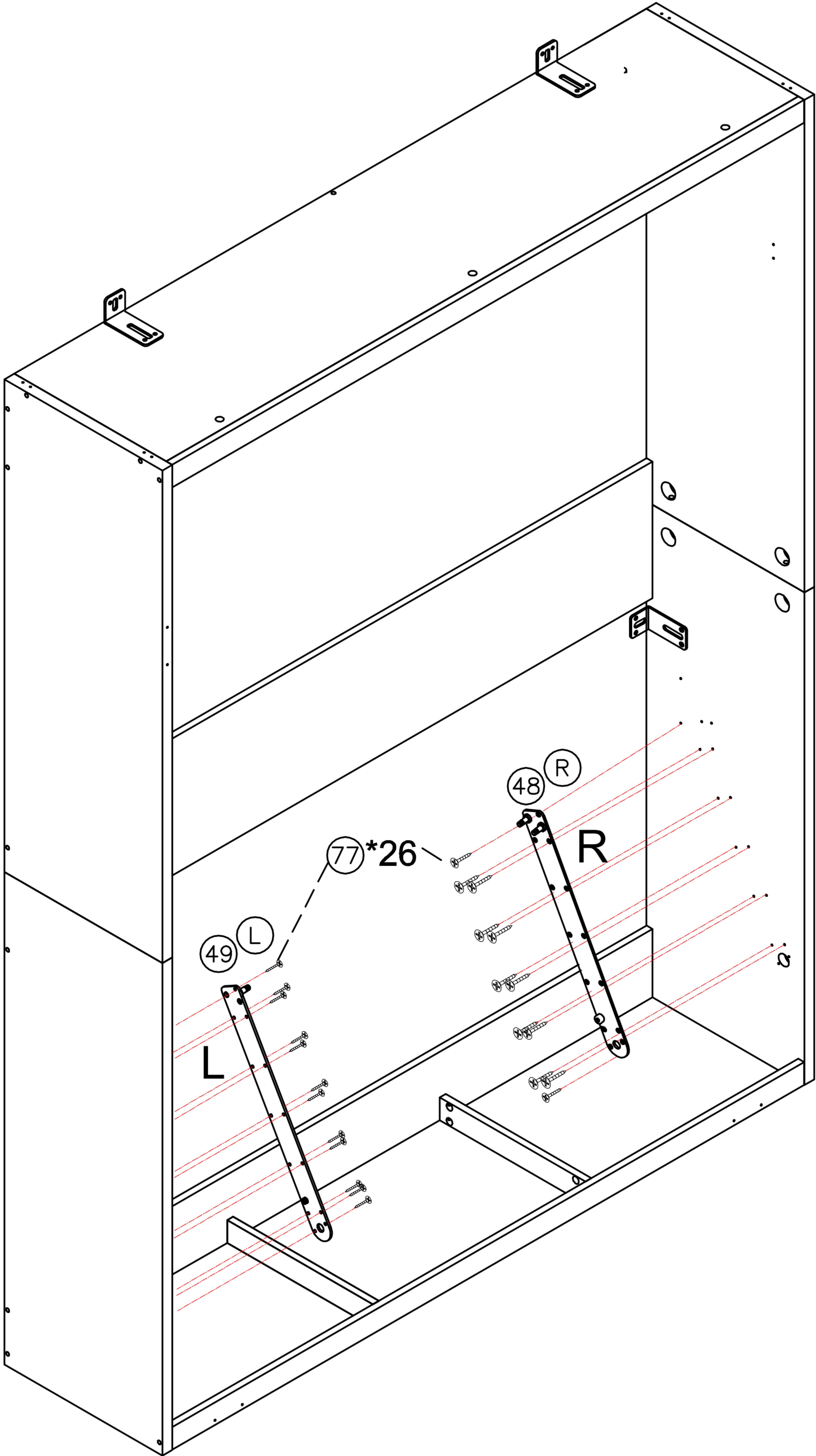


Please lift the small swing arm here
Then install the screws

(50)*1 (51)*1 (66)*2 (68)*2 (72)*1

STEP13

Tools Required

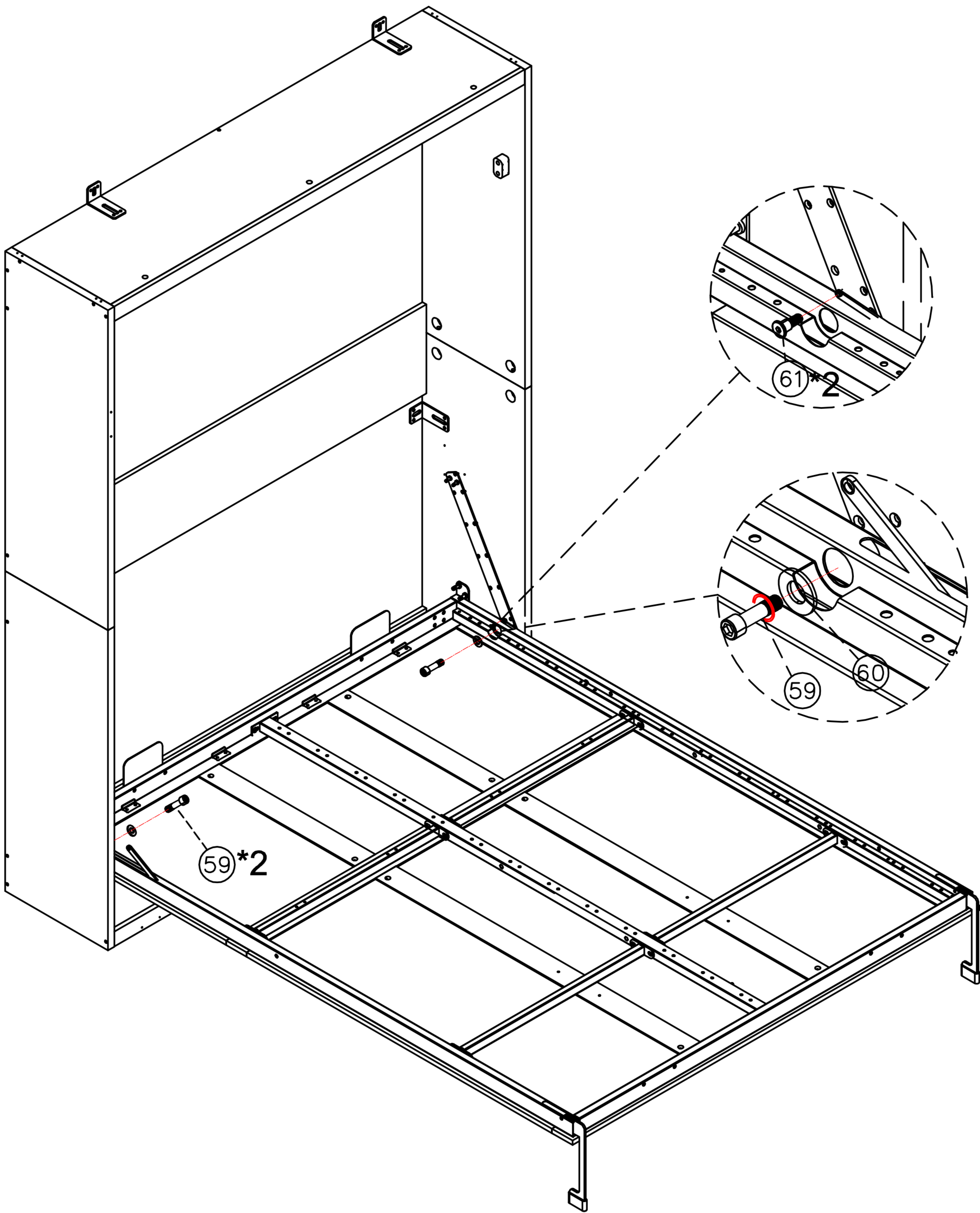


- (48)*1 (49)*1 (77)*26

STEP14

Tools Required

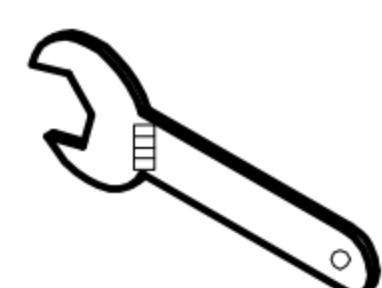




- (59)*2 (60)*2 (61)*2 (72)*1 (76)*1

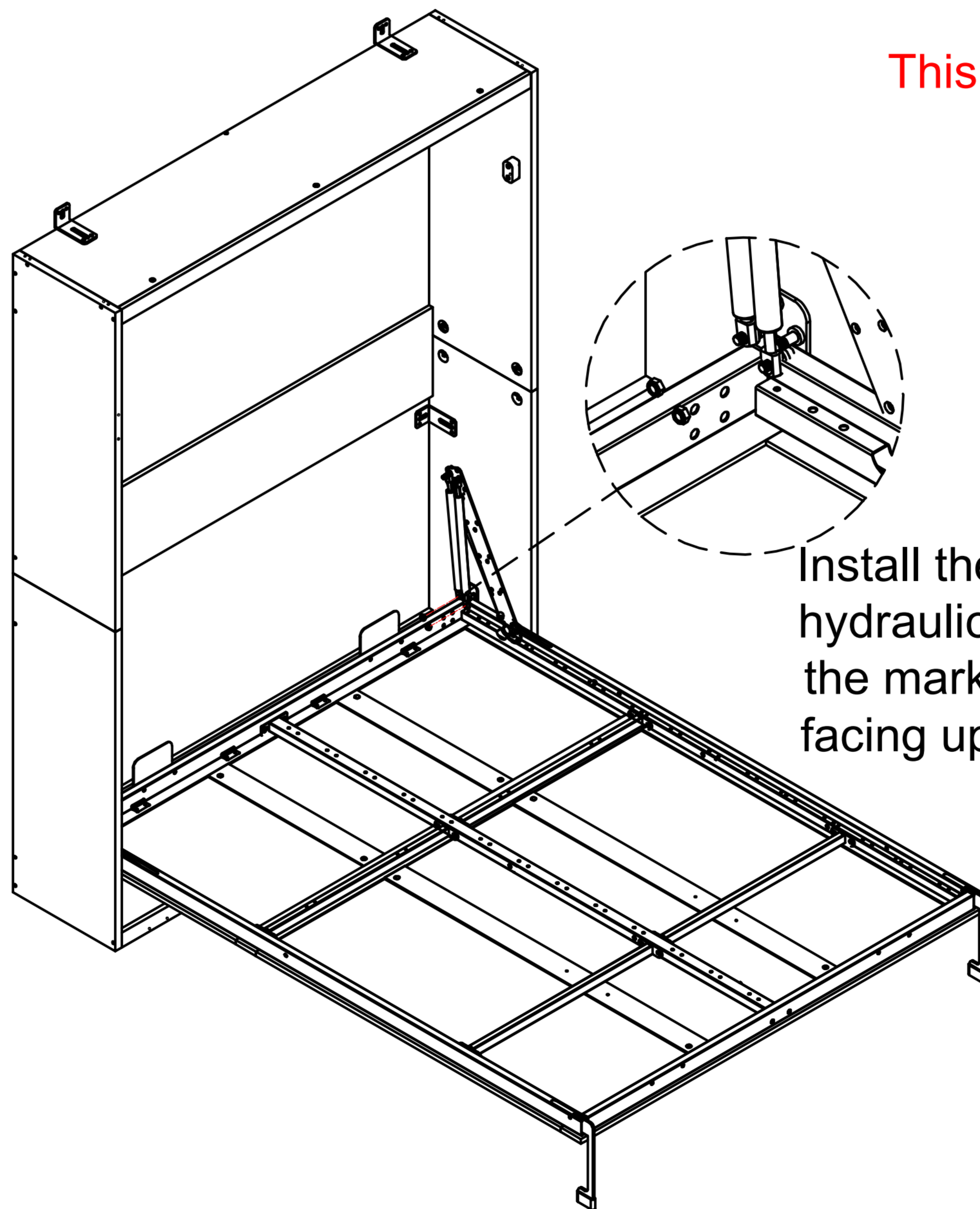
STEP15

Tools Required



WARNING

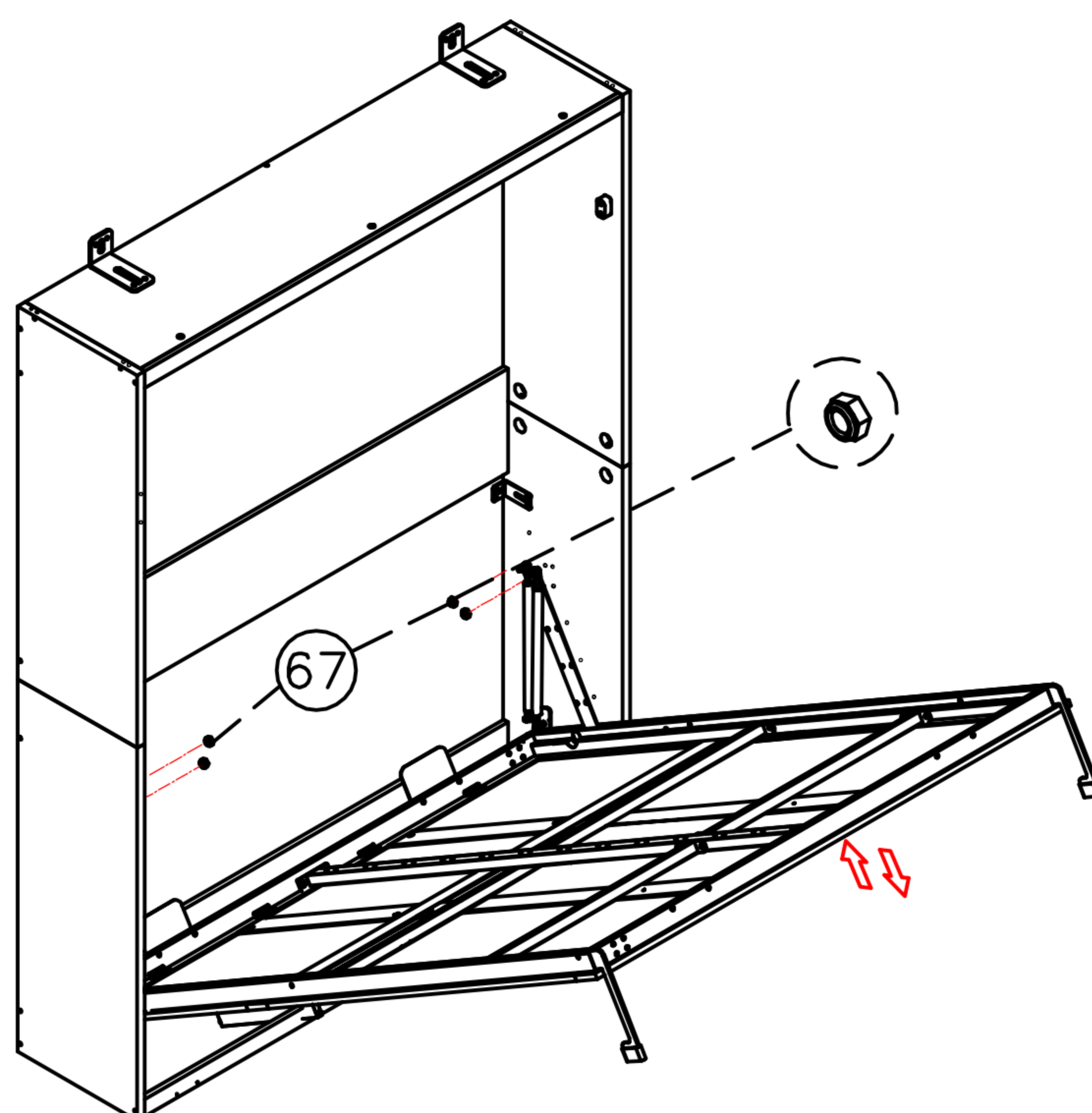
DO NOT remove the iron straps compressing the hydraulic rods (Part 58) until you have fixed the rods on both sides of the cabinet interior.



This end up

Install the hydraulic lever with the marked area facing upwards.

Swing the bed frame up and down, install 58# onto the bolts of 48# and 49# to get the right position, then lock 67# nuts.



Press down the bed frame appropriately and remove the iron straps of 58#(recommend to wear gloves).

(58)*4 (67)*8

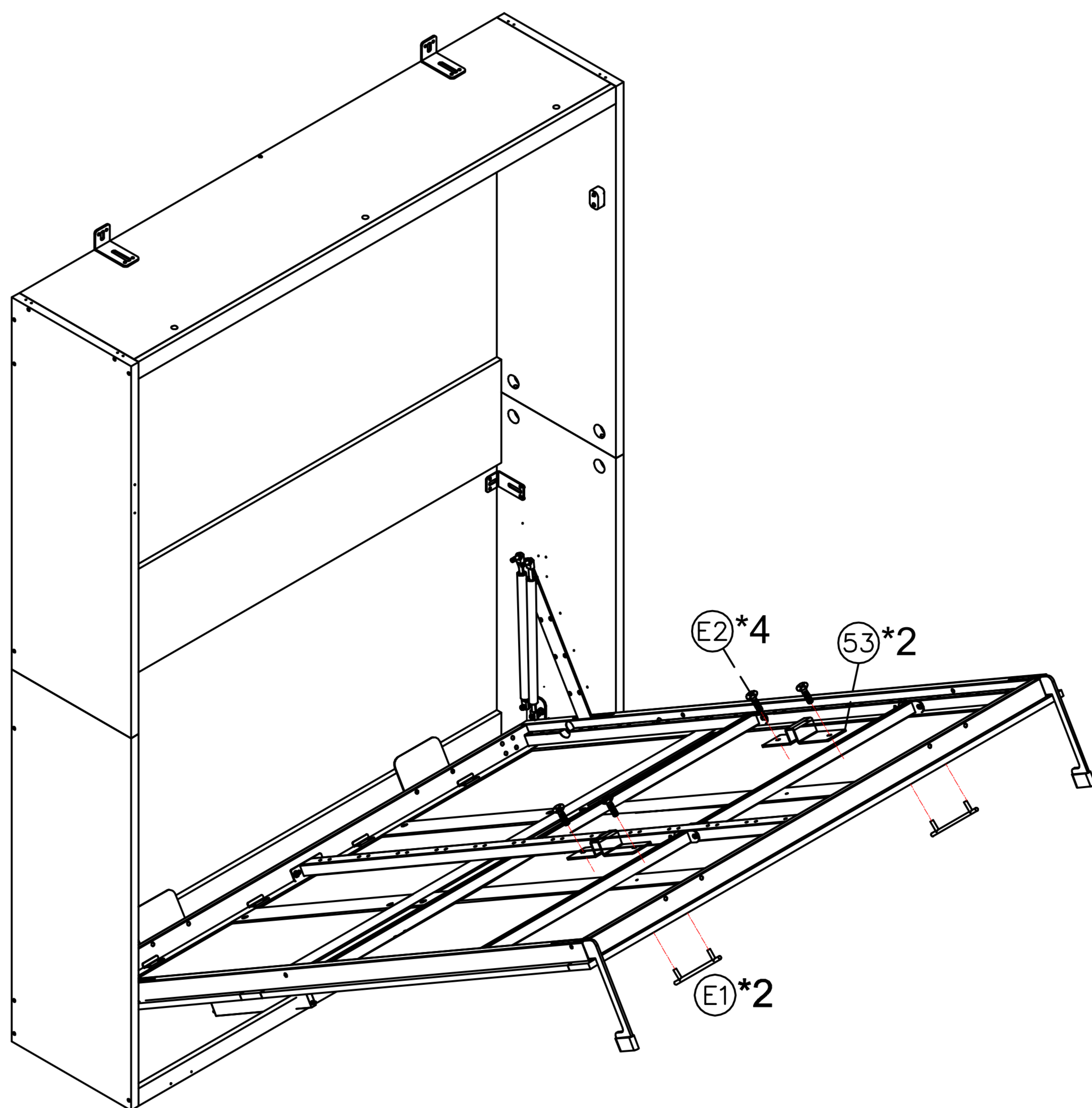
STEP16

Tools Required



ATTENTION:

Because after removing the iron straps around hydraulic rods, the hydraulic rod will produce tension on the bed frame, due to the subsequent installation, there is no heavy weight on the bed frame, so the bed frame will rebound, therefore, please pay attention to the warning belows.



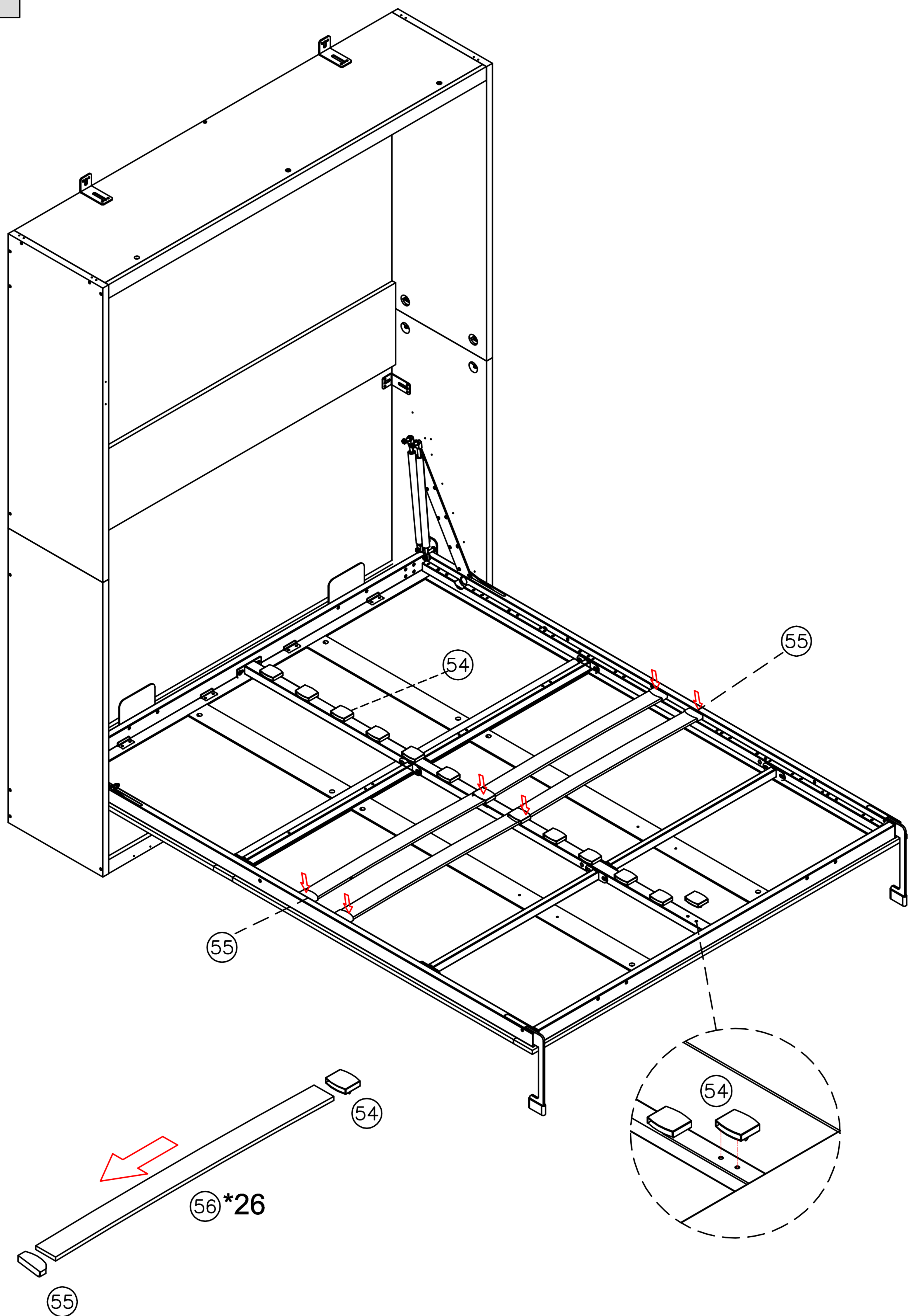
WARNING

For your safety:

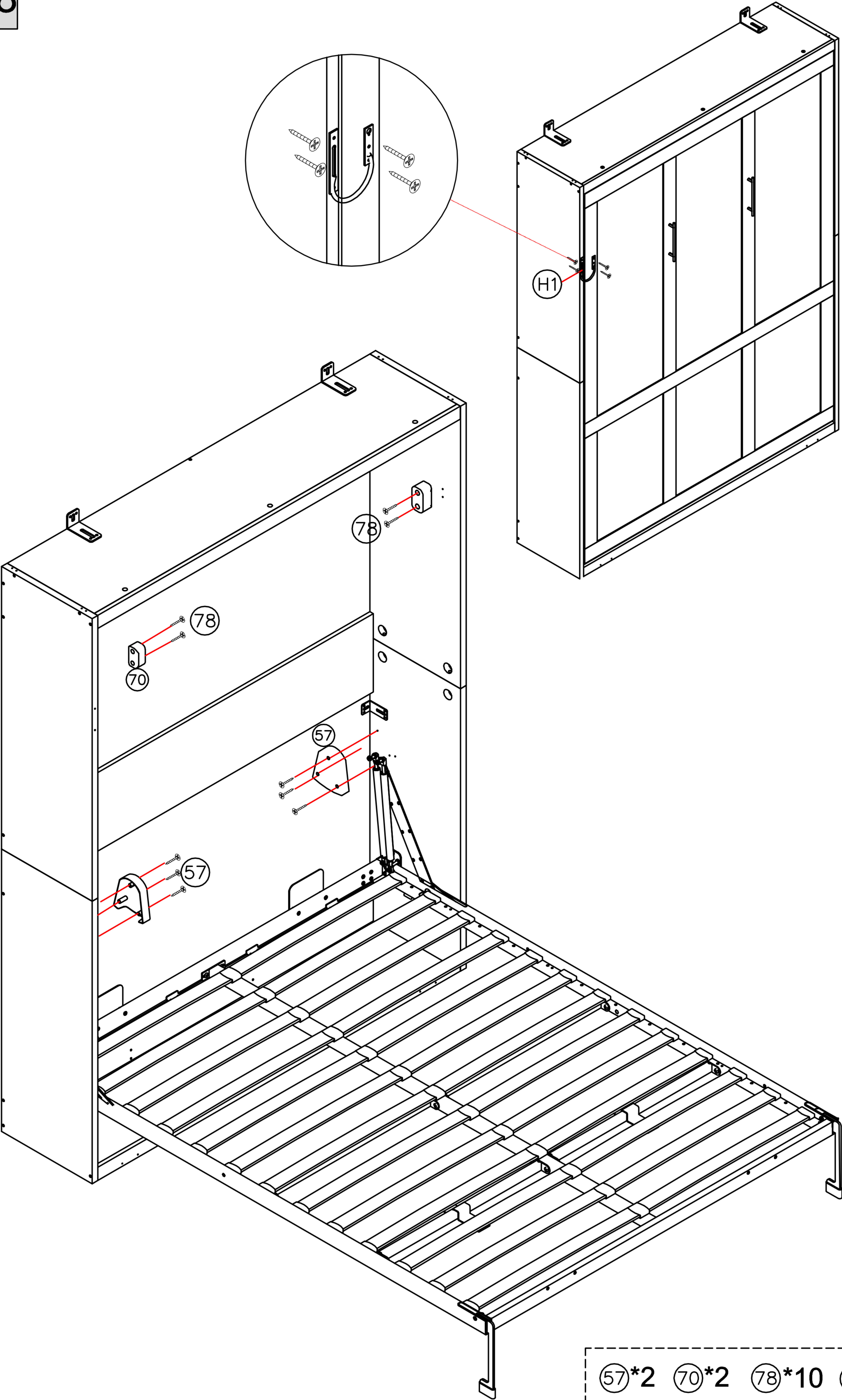
Please use no less than 88lbs of weight to press the bed frame in the subsequent installation process, to avoid accidental injury caused by there bound of the bed frame!

53*2 E1*2 E2*2

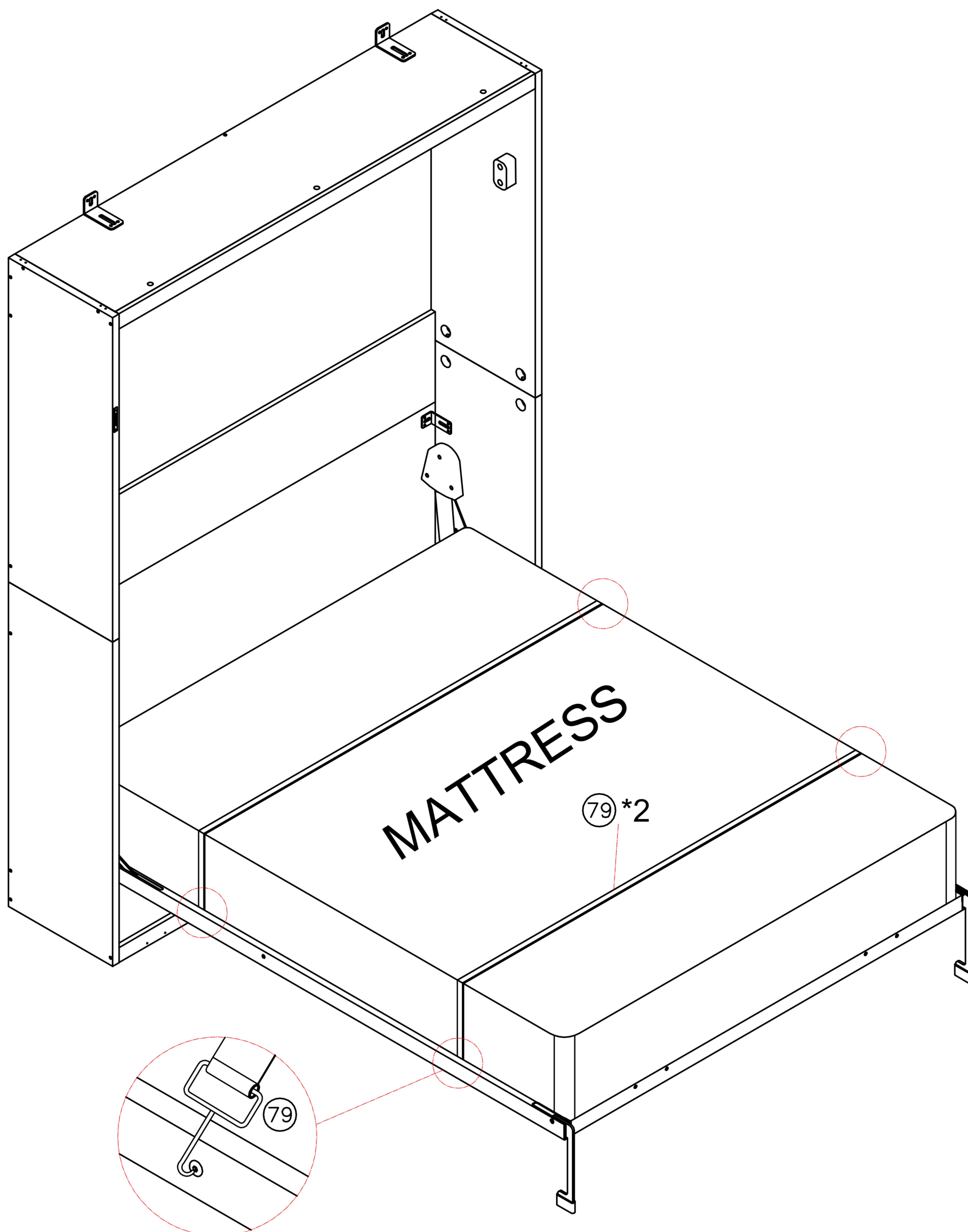
STEP17



STEP18



STEP 19



The inside hook to fixed the mattress strap

Final Assembly!

(79)*2

Assembly Instructions

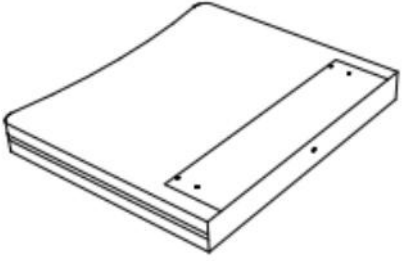
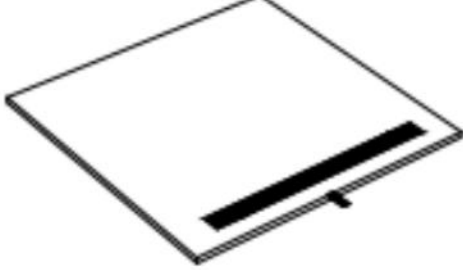
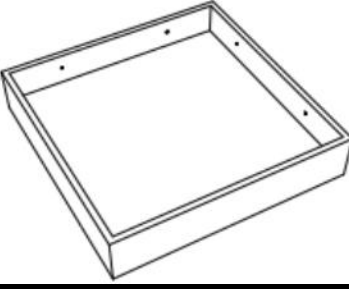
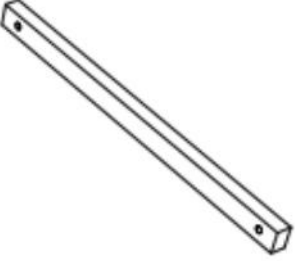
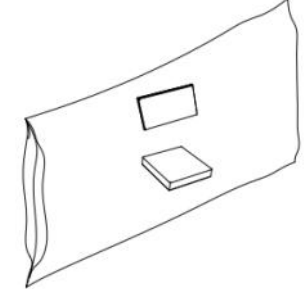
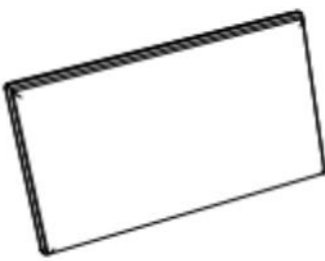
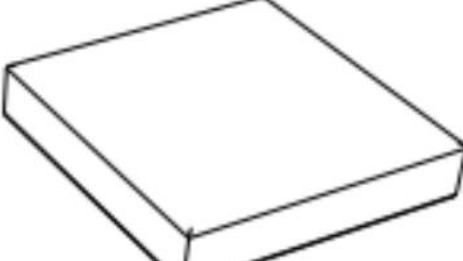
Caution: You must read this before you proceed

Please look in the magic tape pouch for hardware packs and legs

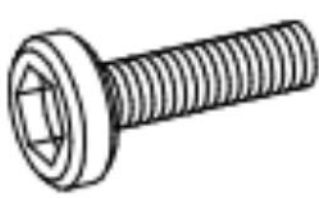
Sofa



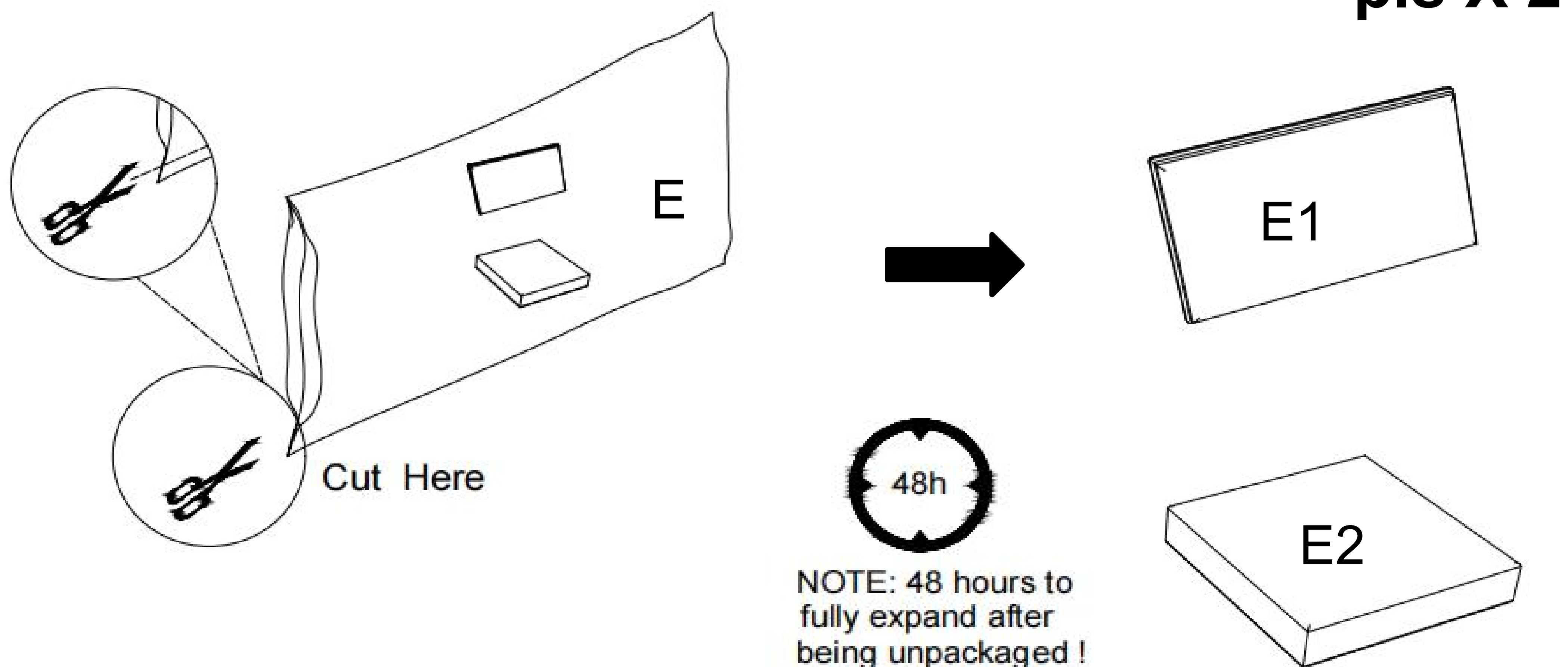
Part List

Label	Picture	Description	QTY (PCS)
A		Backrest	2
B		Seat Panel	2
C		Seat Frame	2
D		Wood Batten	8
E		Back/Seat Cushion Package	2
E1		Back Cushion after decompression from(E)	2
E2		Seat Cushion after decompression from(E)	2
F		Short Leg	8
G		High Leg	8

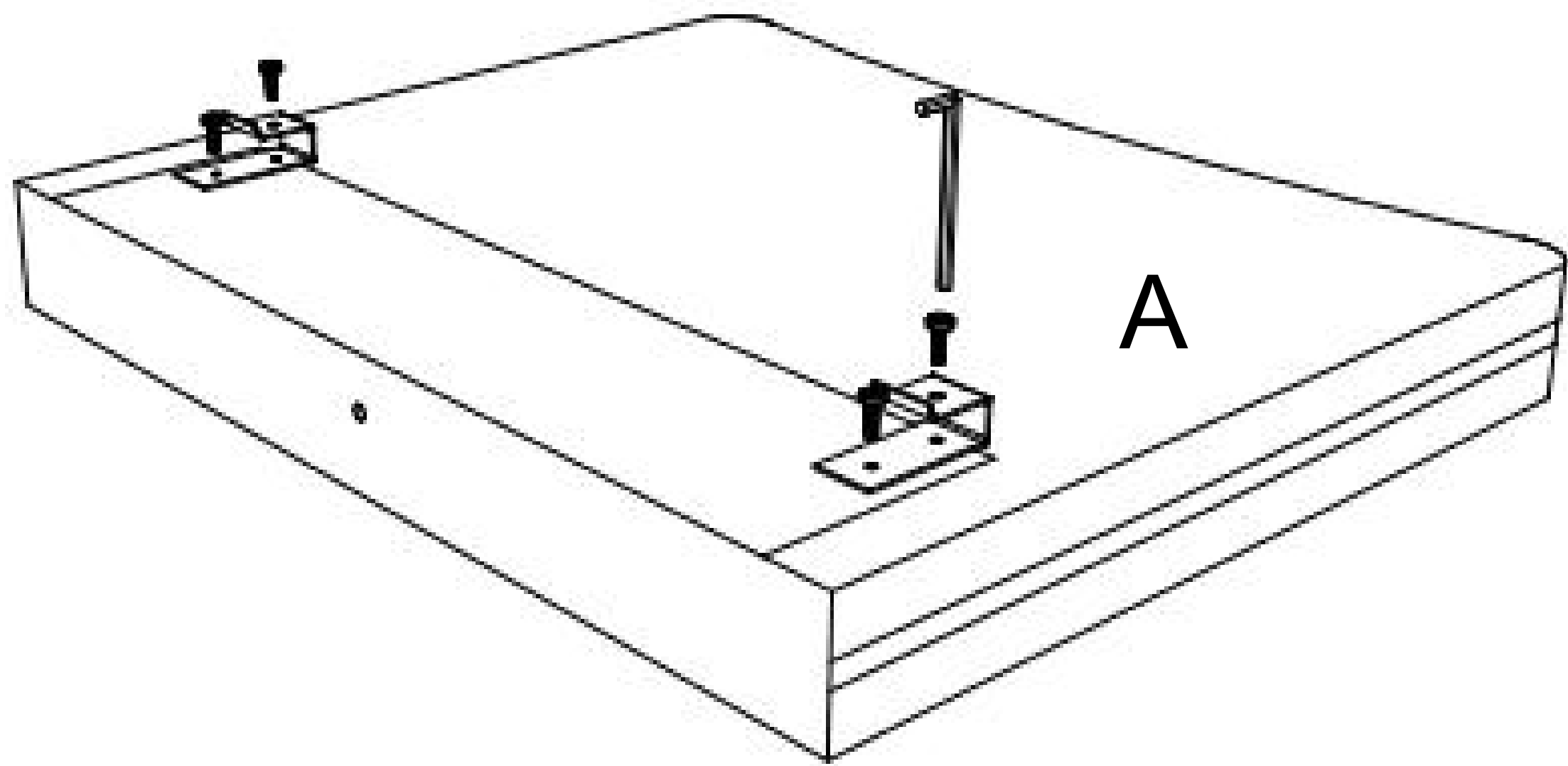
Hardware

①		Plastic Washer	8
②		Metal Hook	4
③		Bolt(M6*35MM)	16
④		Flat Washer(M6)	16
⑤		Bolt(M6*20MM)	12
⑥		Metal Connector	2
⑦		Metal Clip	4
⑧		Allen Wrench (S4)	1

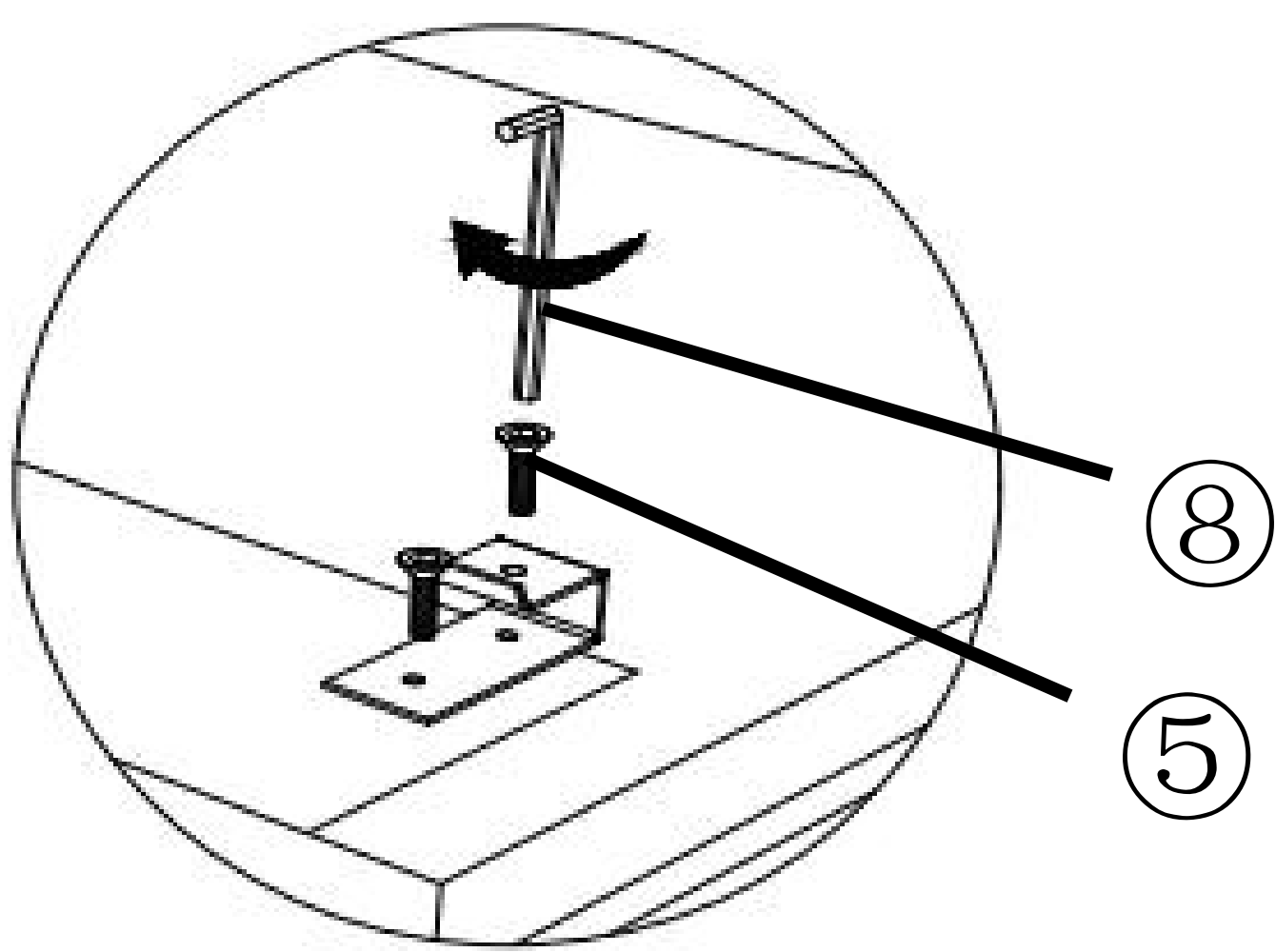
Step 1



Step 2

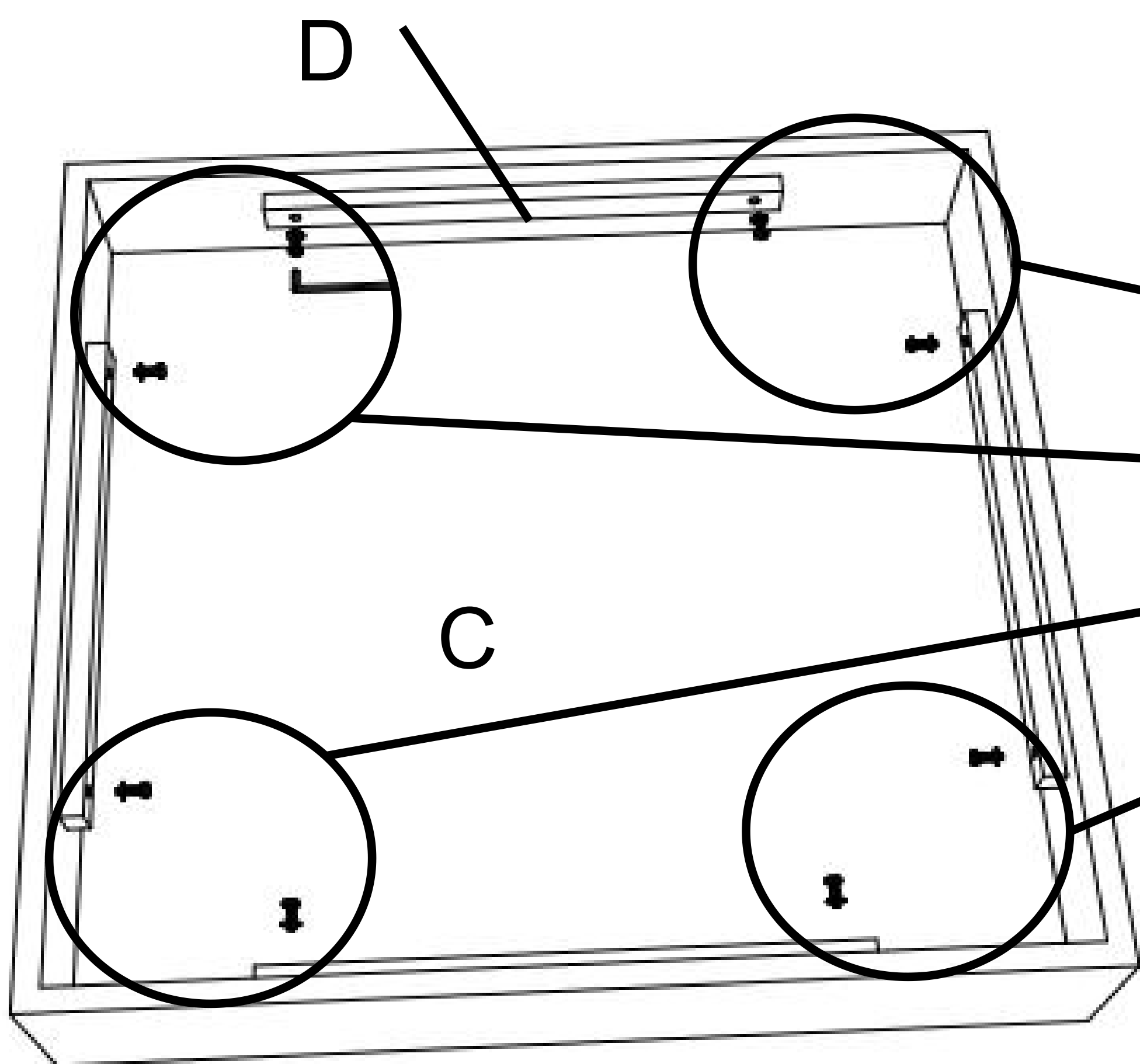


pls X 2

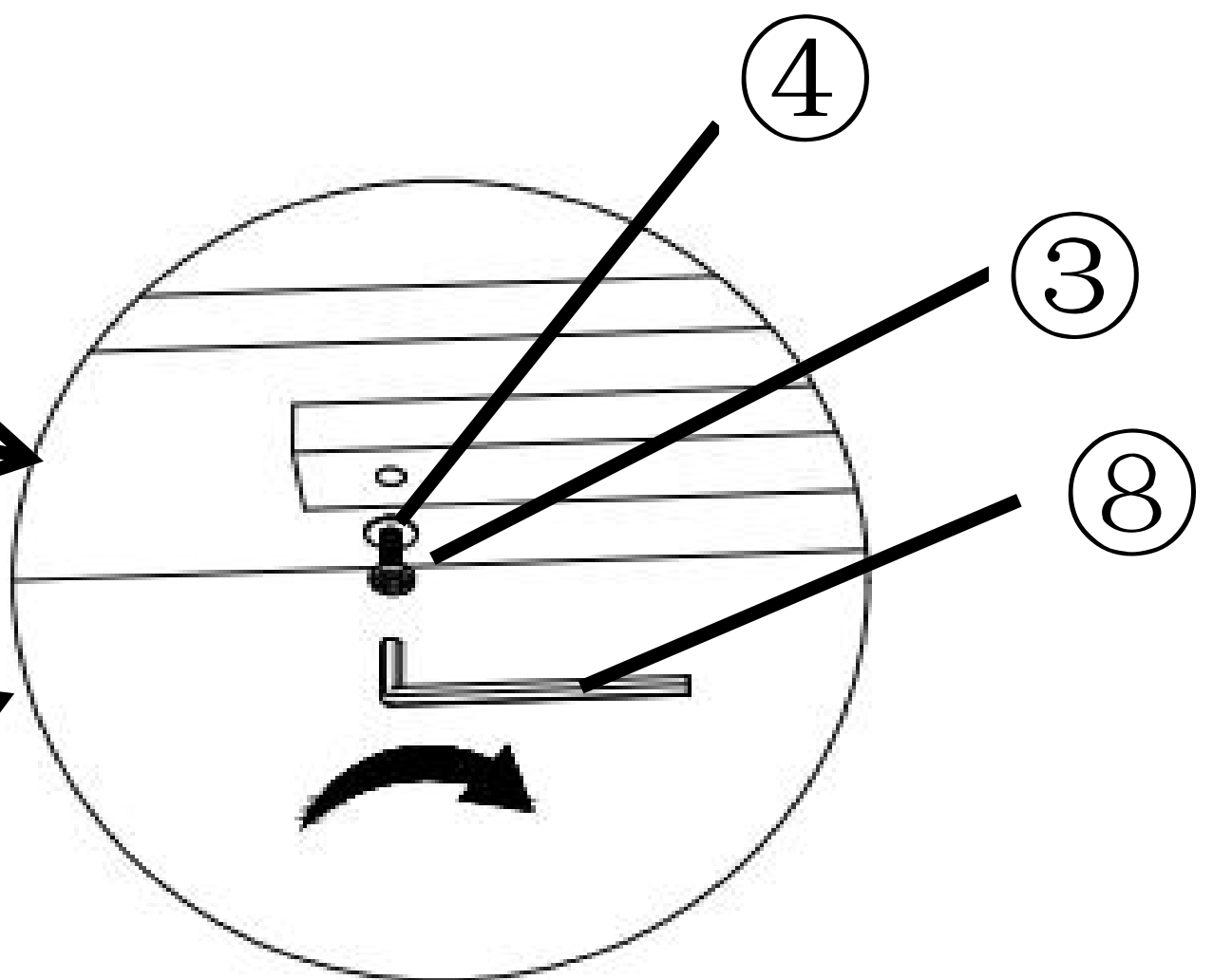


M6*20mm

Step 3

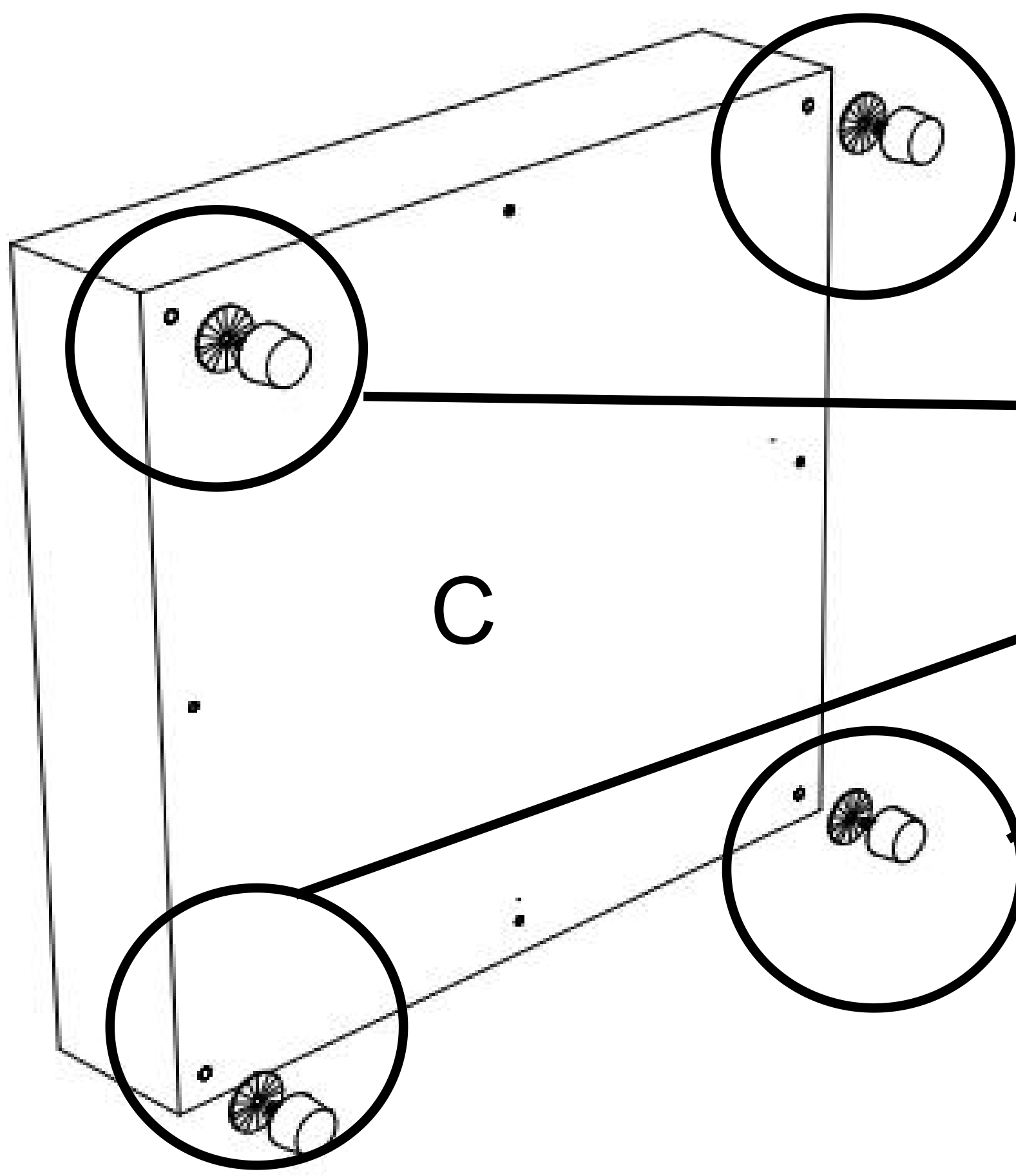


pls X 2

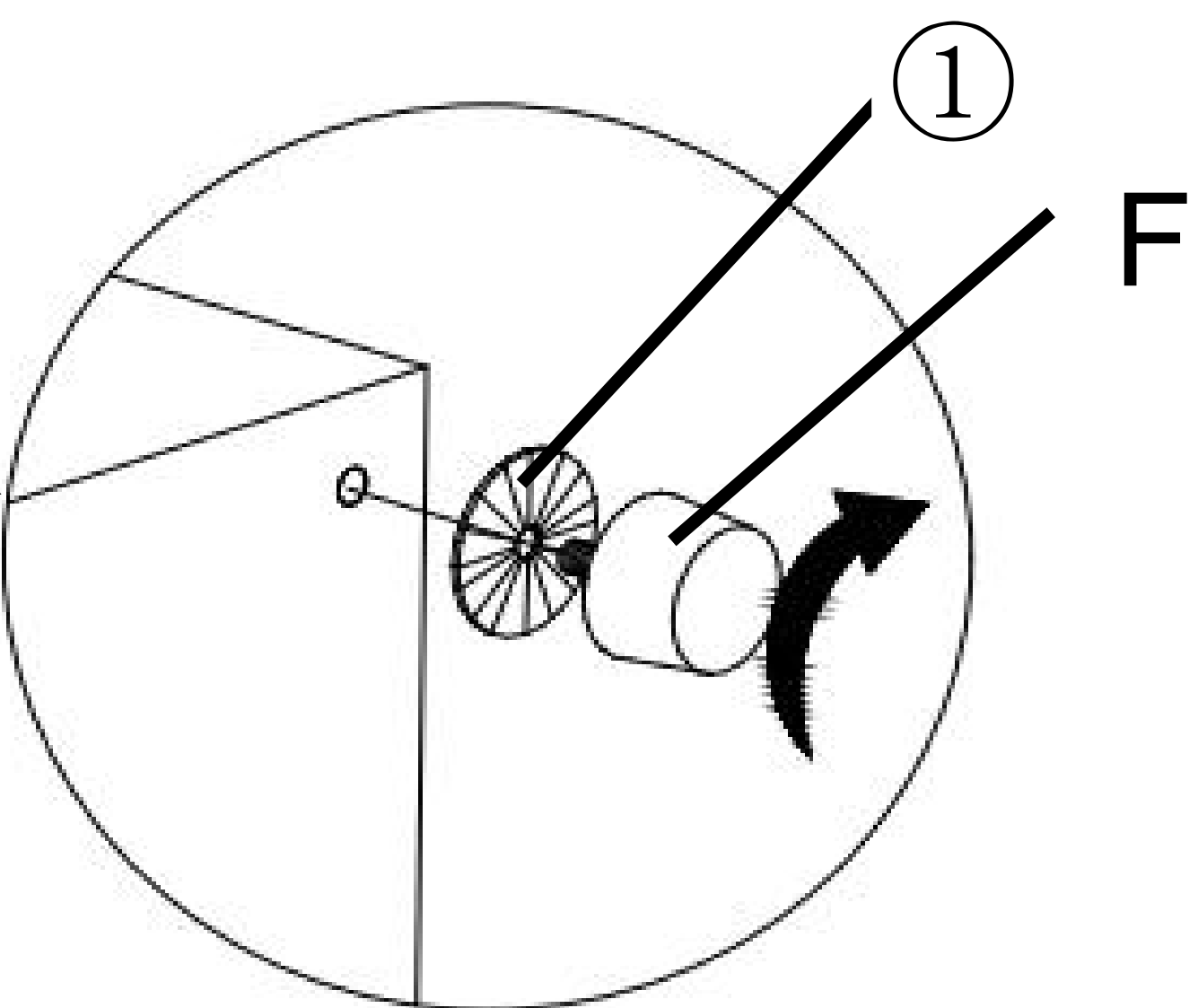


M6*35mm

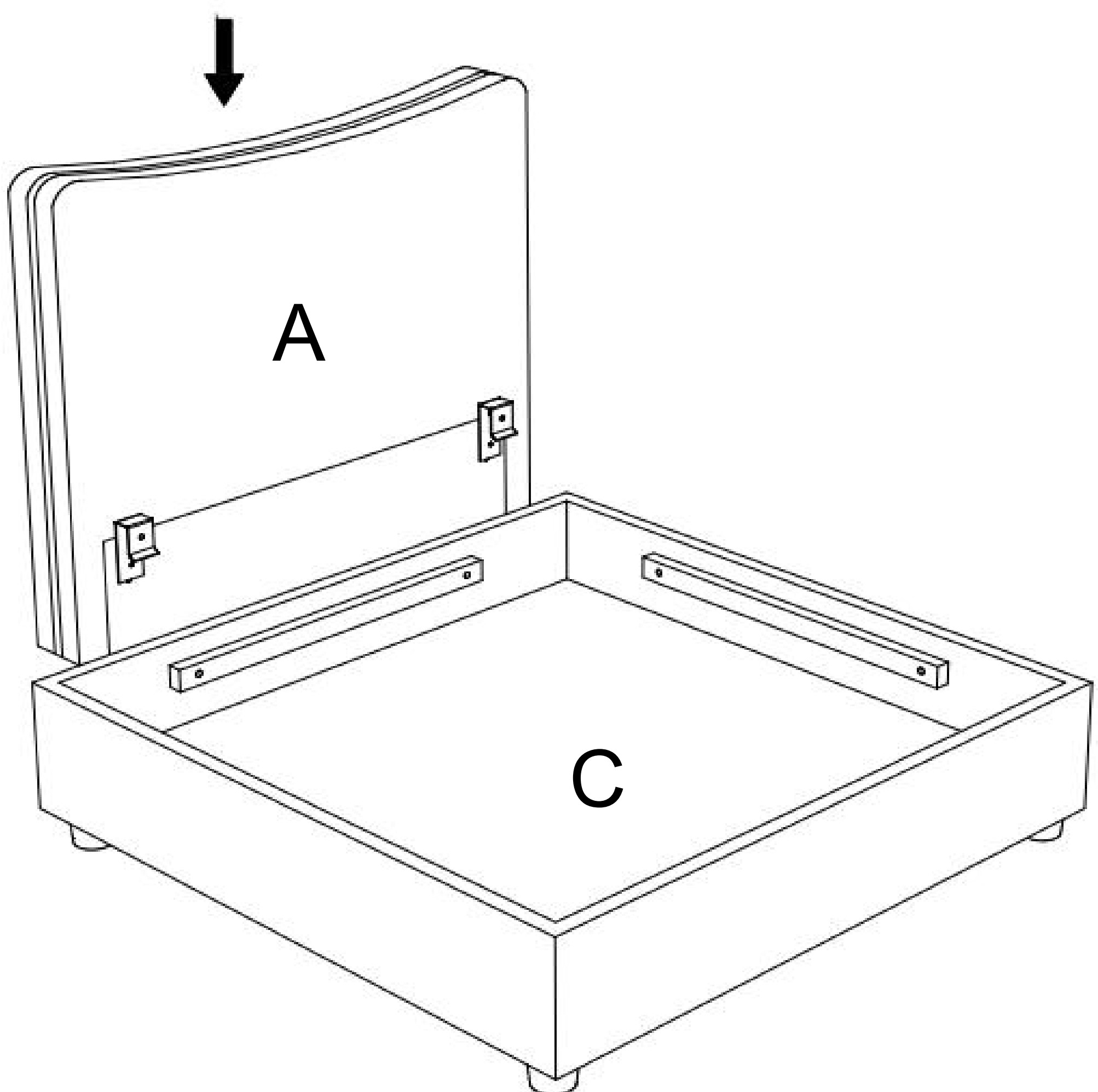
Step 4



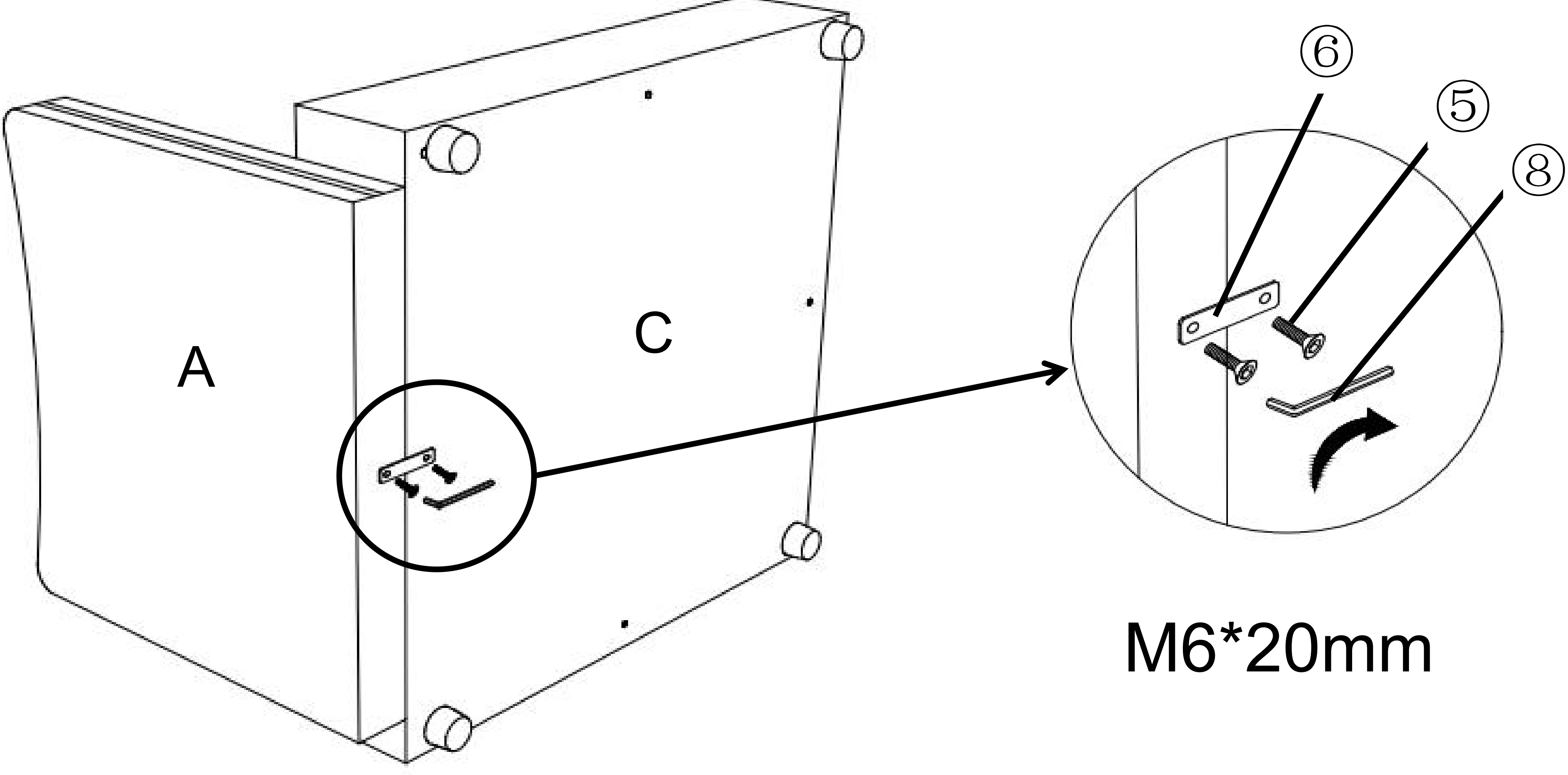
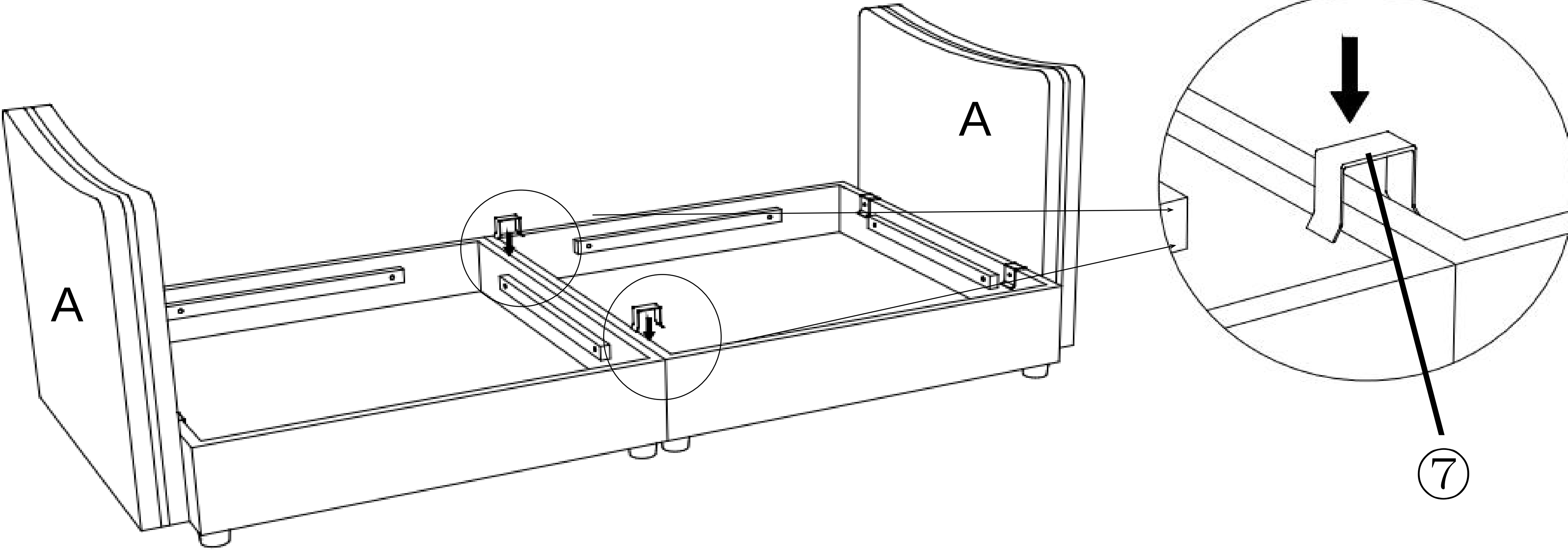
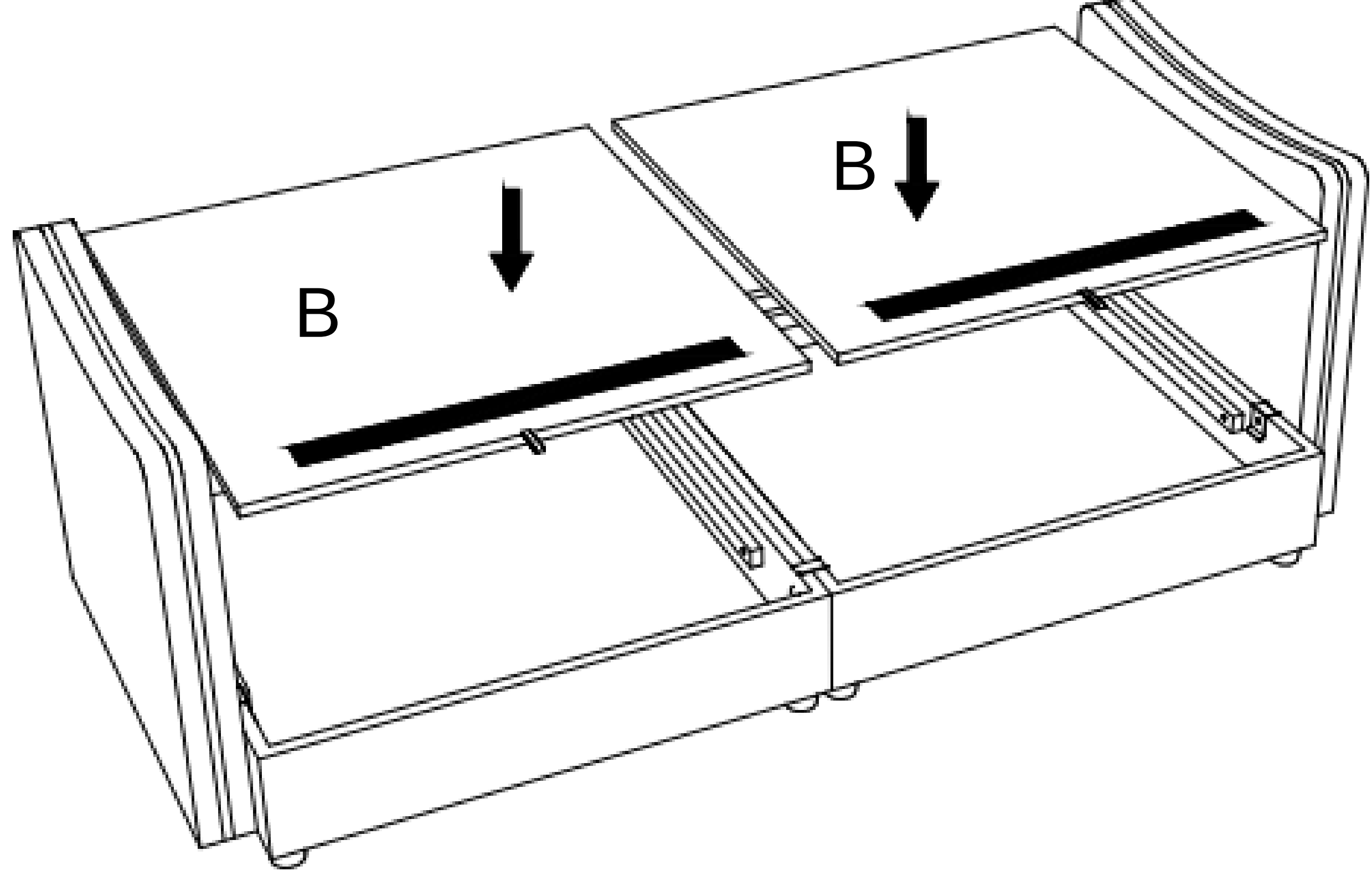
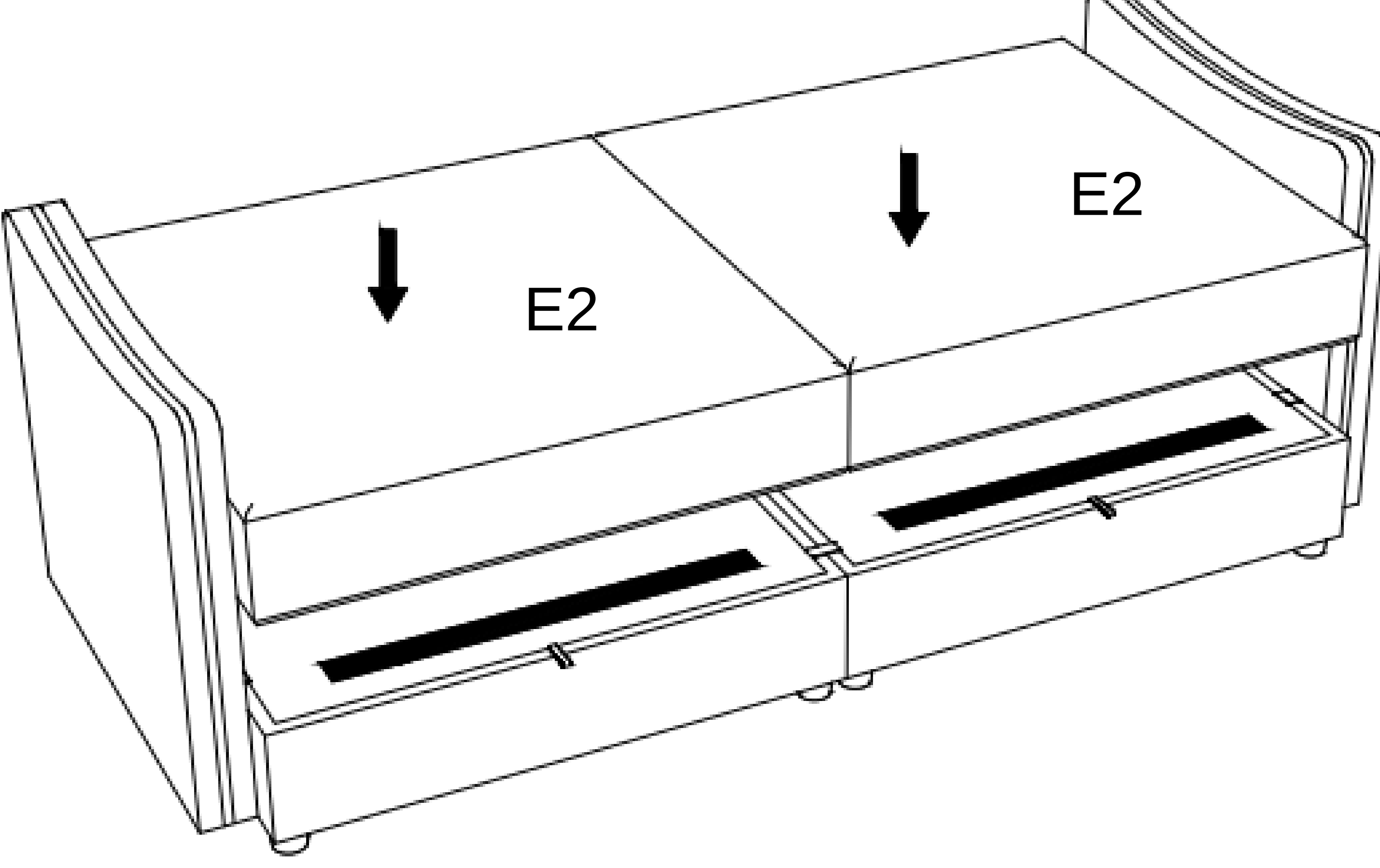
pls X 2



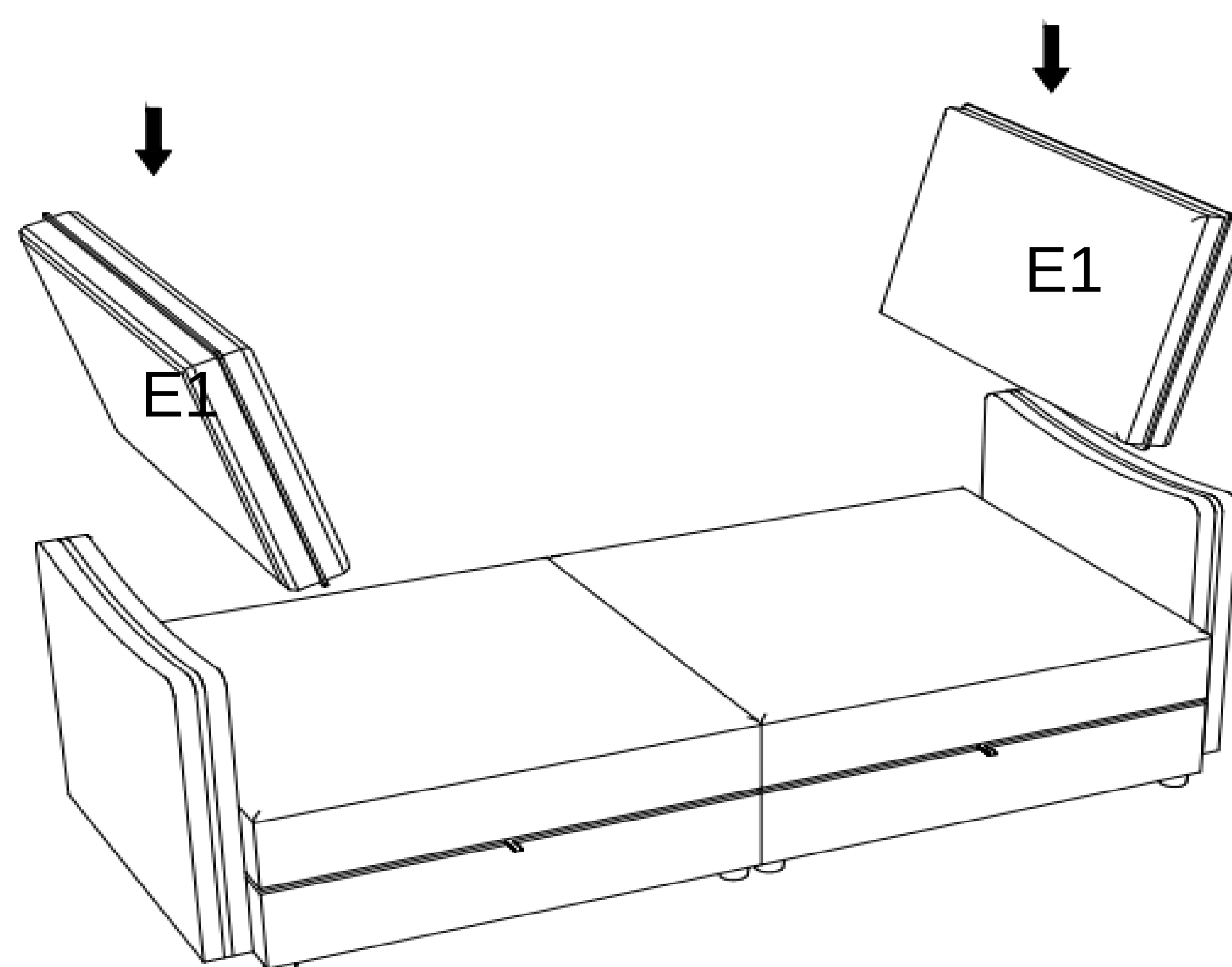
Step 5



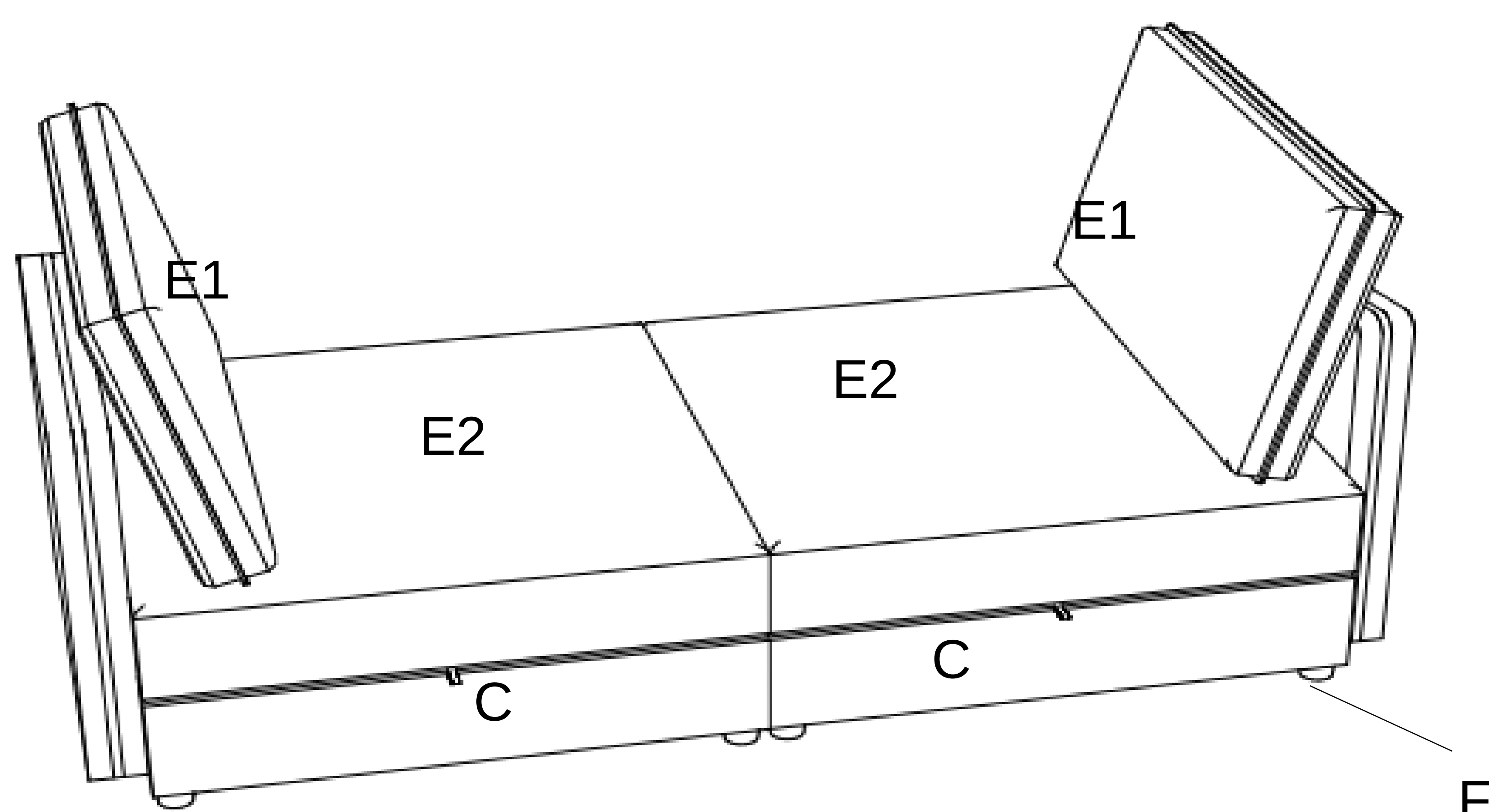
pls X 2

<p><u>Step 6</u></p>	 <p>pls X 2</p> <p>M6*20mm</p>
<p><u>Step 7</u></p>	
<p><u>Step 8</u></p>	
<p><u>Step 9</u></p>	

Step 10



Step 11



When sofa is intended with the murphy bed, The back cushion E1 and seat cushion E2 needs to be removed before it can be used.