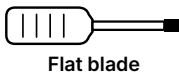
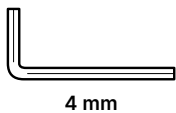
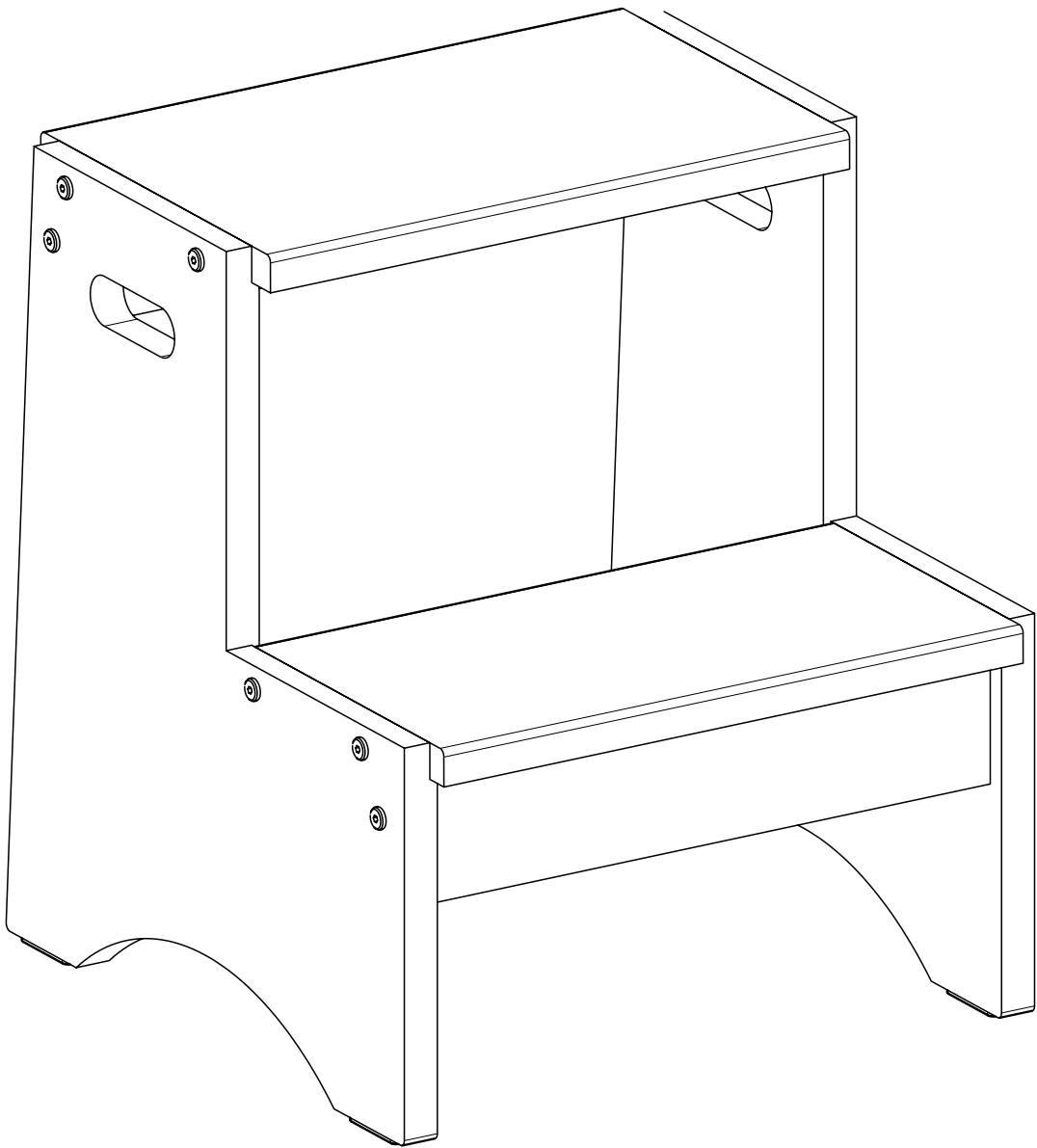


Step stool

ST-2, two steps

Assembly instructions



8
steps



Read page 2 first

DOCUMENT
FA-ST2-AI-EN

REVISION
A · 2026-10-28

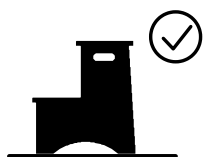
PRODUCT
ST-2 step stool

ISSUER
First Angle

Example product designed by First Angle to show generated assembly instructions. Not a product on sale.
Original instructions in English.

Safety and use

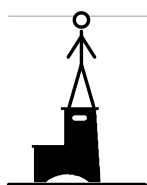
Read before assembly and before first use. Keep these instructions and pass them on with the stool.



Use the stool only on a firm, level and dry floor. Before you step on it, check that all four feet touch the floor and the stool does not rock.



Do not use it on uneven, soft or slippery surfaces, on stairs, on tables or on other furniture.



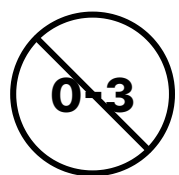
One person at a time. Stand only on the top tread C or on the step D, in the middle. Do not stand on the rails or on the side panels.



Do not lean out sideways, do not reach too far and do not jump on or off the stool. Keep your weight between the side panels.



Tighten all 12 bolts before first use. Tighten them again after 2 weeks and then every 3 months (page 13). Use the hex key by hand: a power tool can overtighten the bolts and damage the wood.



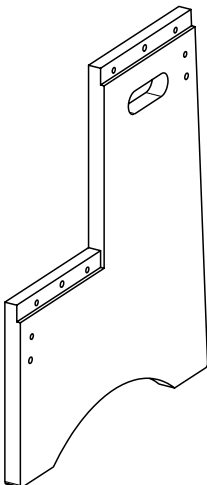
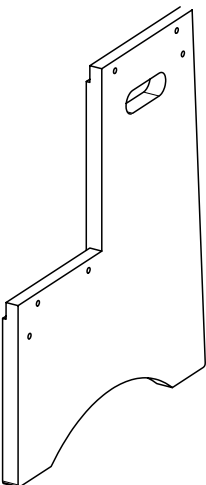
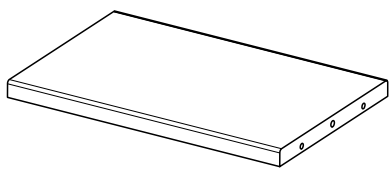
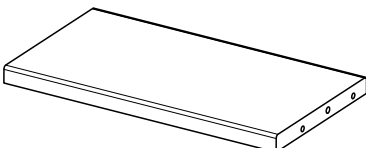
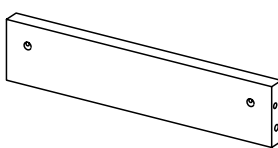
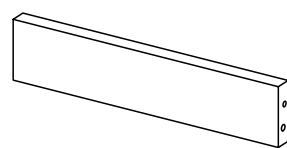
Small parts (bolts, cross dowels, wood dowels, pads) are a choking hazard. Keep them away from children under 3.



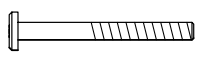
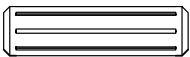
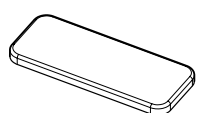
Do not use the stool if a part is cracked, loose or missing, or if an anti-slip pad is missing. Do not modify the stool. Children may use it only with an adult present.

Parts

Check that all parts are there before you start. Wooden parts are drawn to the same scale.

A  Side panel, left	B  Side panel, right	C  Top tread
D  Step	E  Back rail	F  Front rail

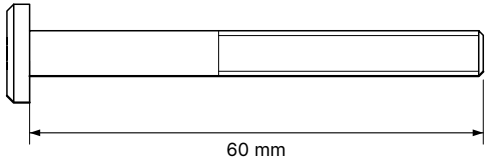
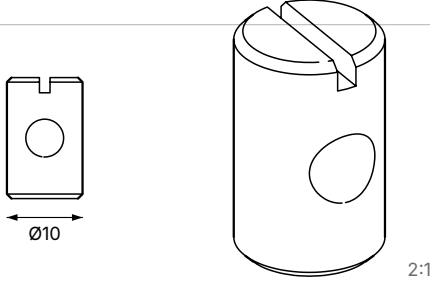
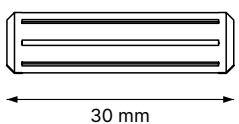
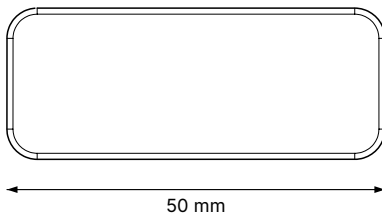
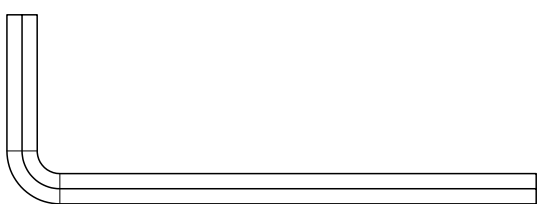
Hardware Actual size on the next page.

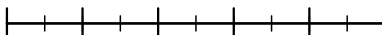
201 12x	202 12x	203 8x	204 4x	205 1x
 Connector bolt M6 × 60	 Cross dowel M6	 Wood dowel Ø8 × 30	 Anti-slip pad	 Hex key 4 mm

43 parts in all: 6 wooden parts, 36 hardware items and the hex key.

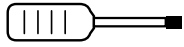
Hardware, actual size 1:1, and tools

Lay an item on its drawing to identify it. Print at 100 % (no "fit to page").

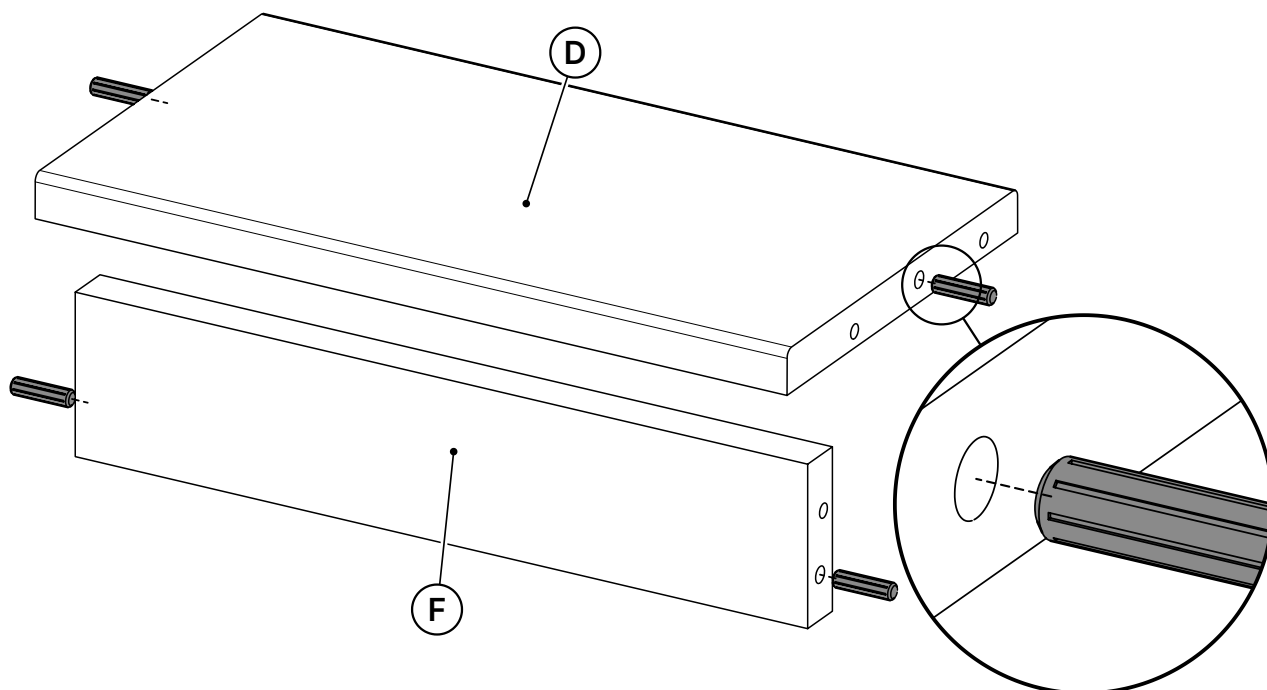
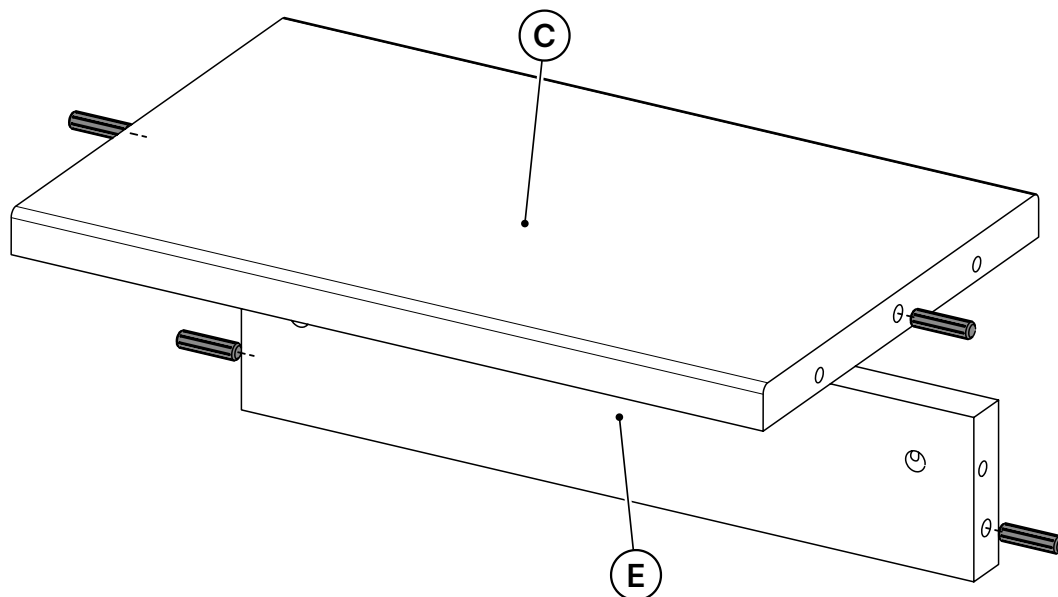
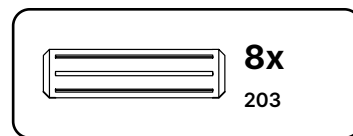
201 12x		Connector bolt M6 × 60, flat head Ø13, hex socket 4 mm Through the side panels into the cross dowels
202 12x		Cross dowel (barrel nut) M6, Ø10 × 16, slotted In C, D, E and F. The slot is in line with the threaded hole.
203 8x		Wood dowel Ø8 × 30, fluted In the ends of C, D, E and F
204 4x		Anti-slip pad 50 × 20 × 3, self- adhesive Under the four feet
205 1x		Hex key 4 mm Fits the bolts 201

Scale check  50 mm. Measure this bar: it must be 50 mm long.

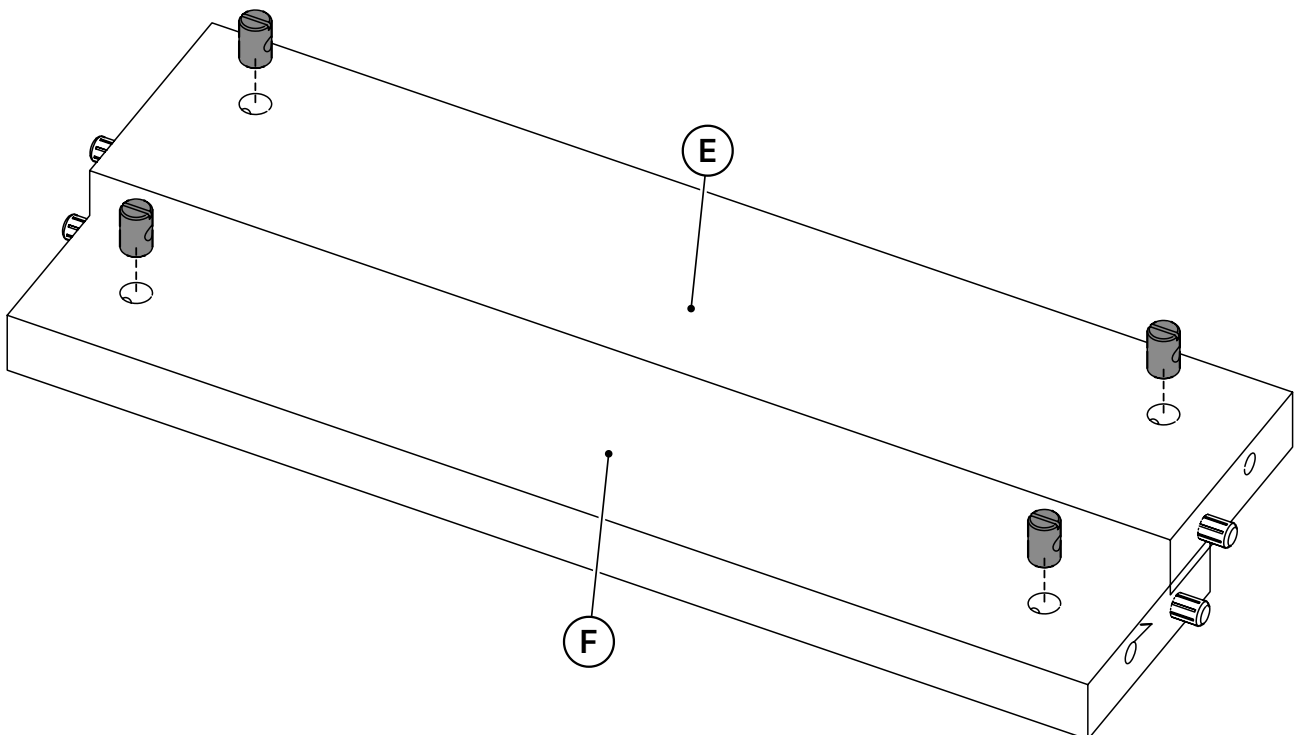
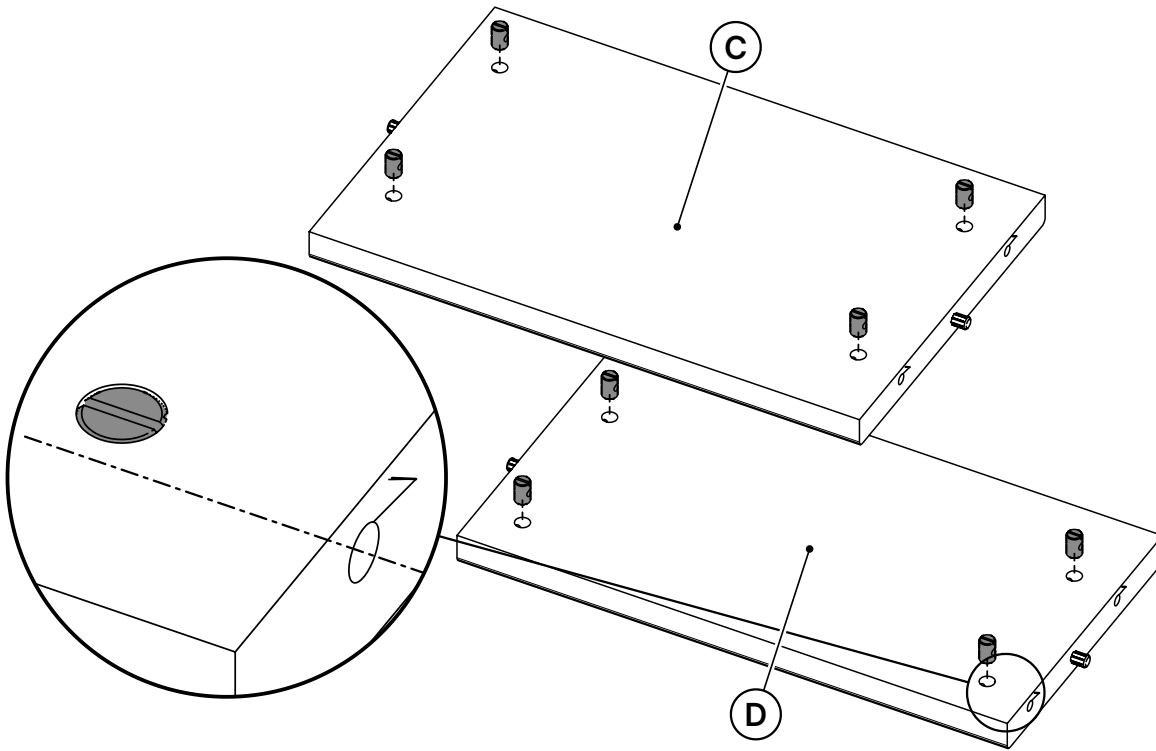
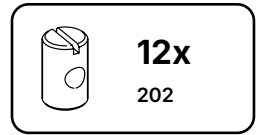
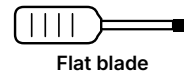
Tools

	Hex key 4 mm Supplied (205)		Flat screwdriver, blade up to 1.2 mm thick Not supplied. To turn the cross dowels.
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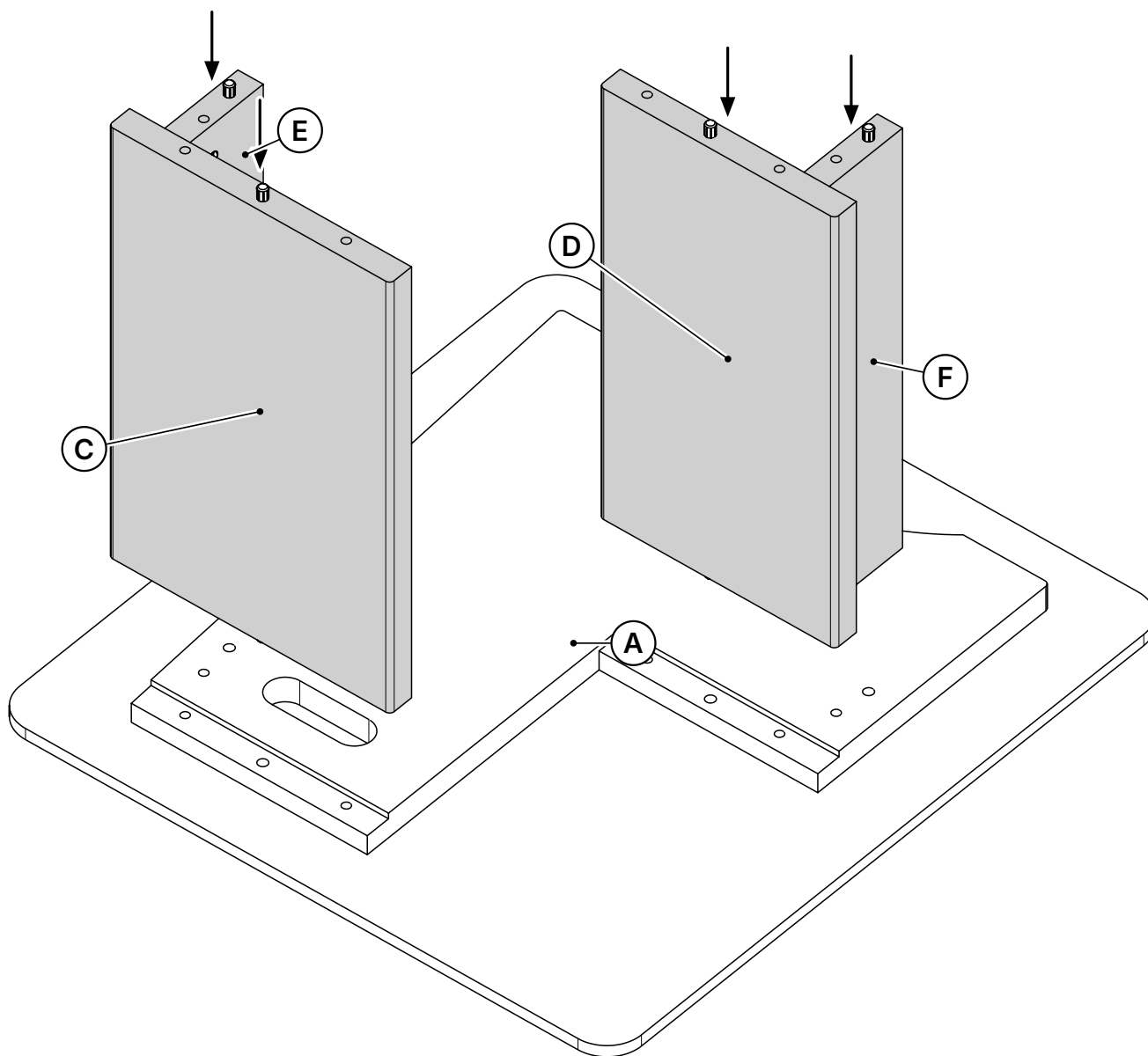
Work on a soft, clean surface, such as a blanket or the flattened carton. No glue and no power tools are needed.



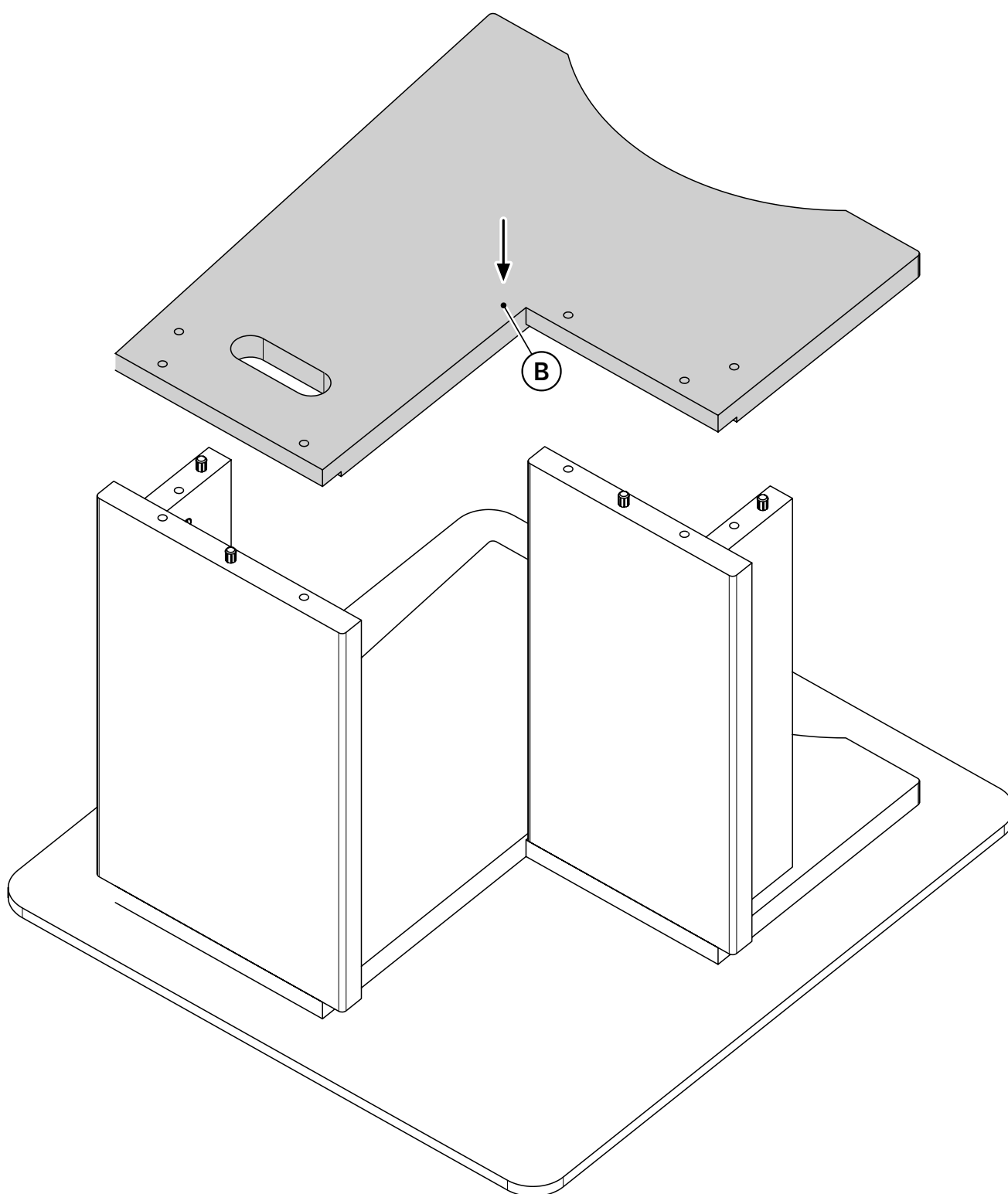
Press one wood dowel 203 into the hole at each end of C, D, E and F, as far as it goes. 10 mm stand out.



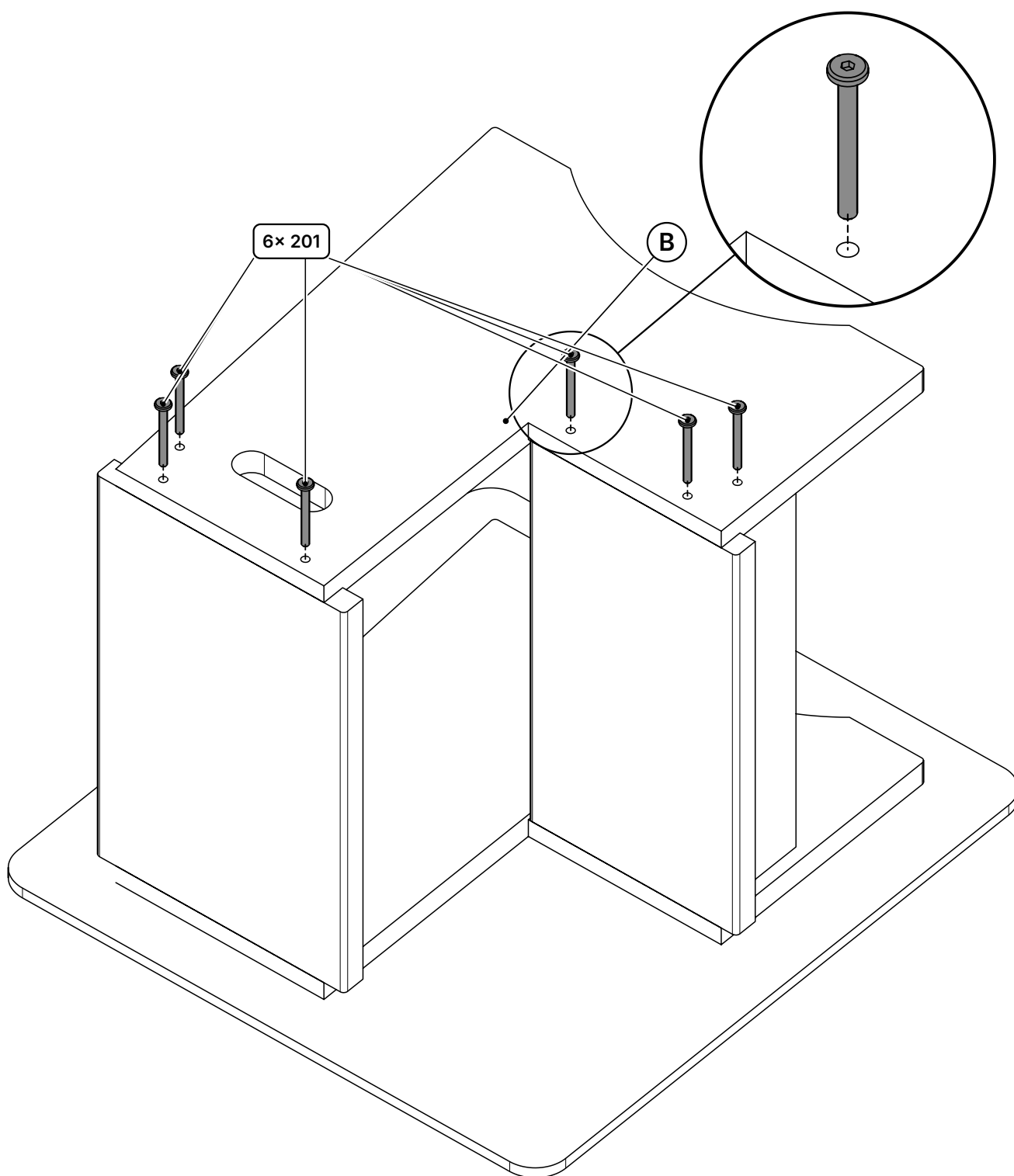
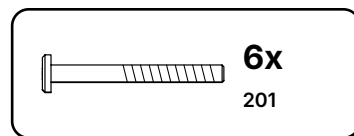
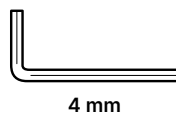
Push the cross dowels 202 into the holes, flush with the surface. Turn each slot in line with the bolt hole in the end of the board.



Lay the side panel A on a soft surface, rebates up. Fit C, D, E and F into A: the dowels go into the holes, the ends of C and D into the rebates.

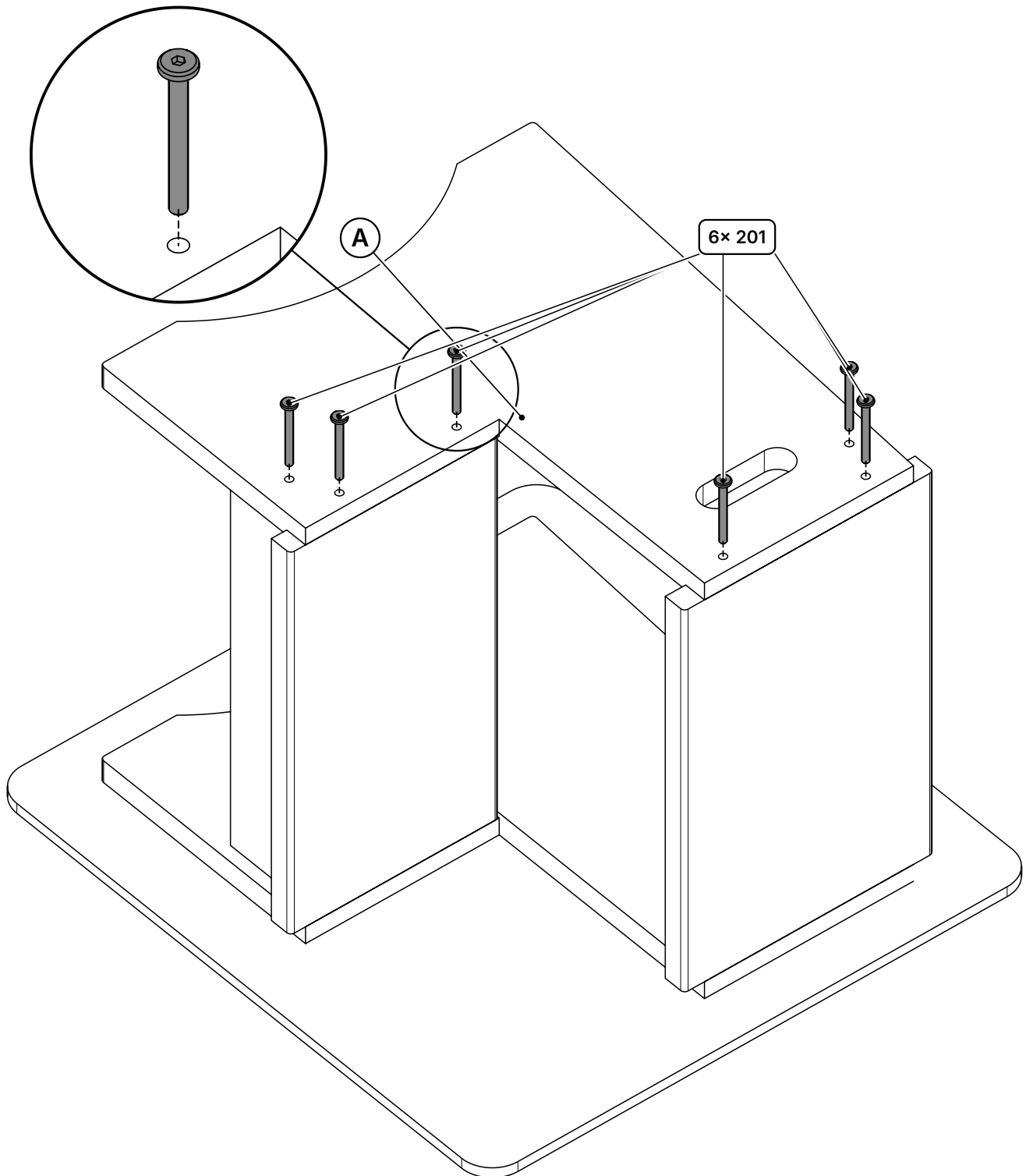
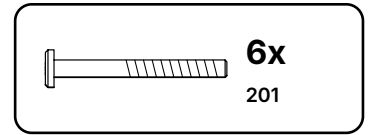
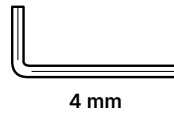
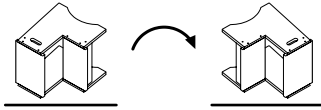


Put the side panel B on top, rebates down. Guide the dowels and the ends of C and D into B.



Put 6 bolts 201 through B and turn them into the cross dowels with the hex key until the heads touch B. Do not tighten fully yet. If a bolt does not catch, turn the slot of its cross dowel a little.

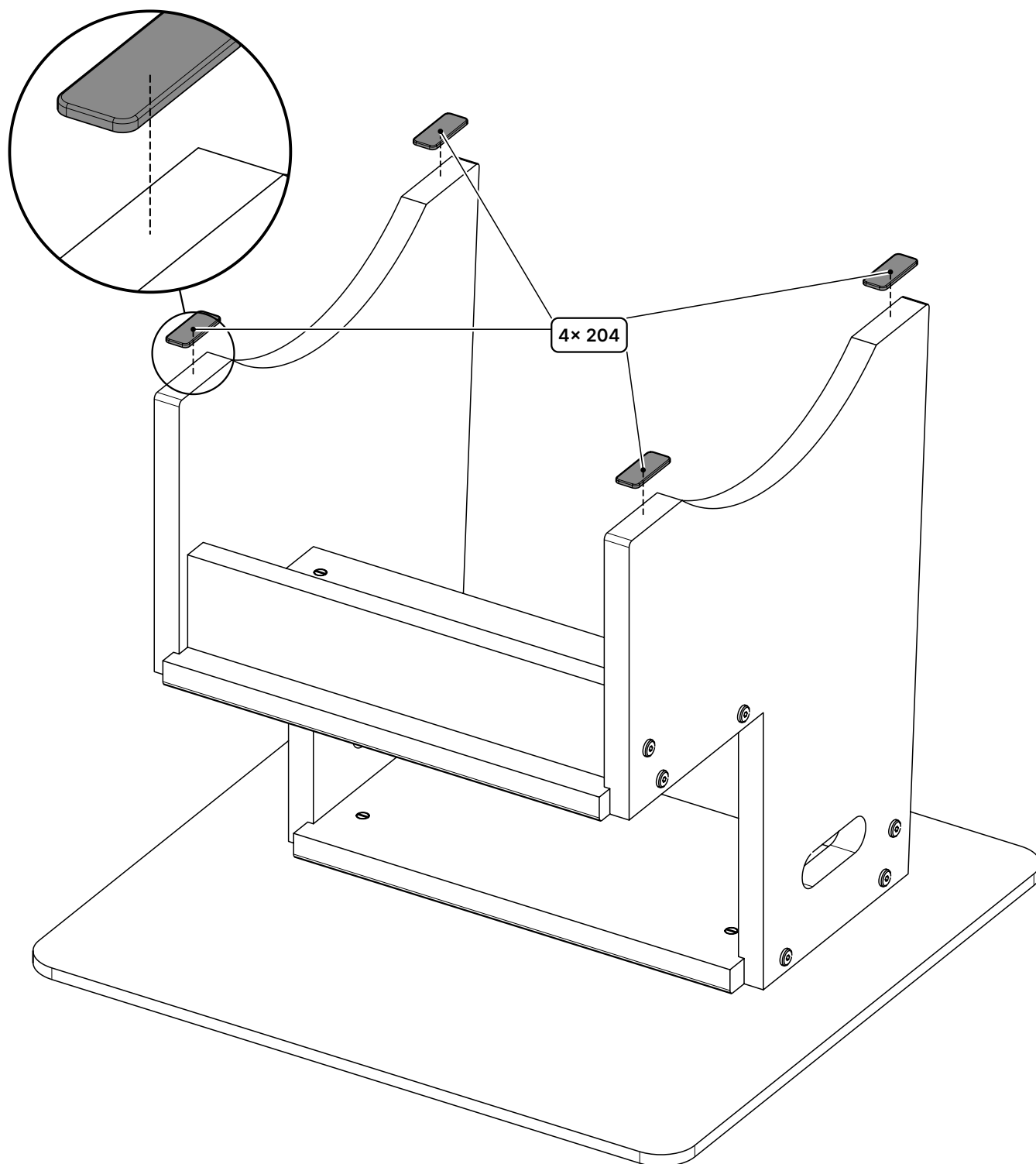
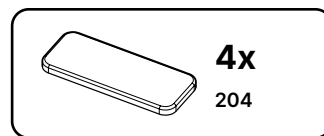
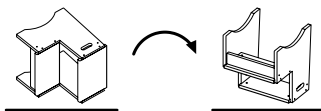
6 / 8



Turn the stool over onto B. Put 6 bolts 201 through A and turn them in until the heads touch A. Do not tighten fully yet.

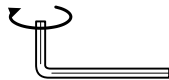
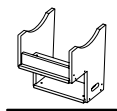
7

/ 8

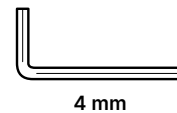


Turn the stool upside down. Wipe the bottom of the feet clean and dry. Peel off the backing and press one pad 204 firmly under each foot.

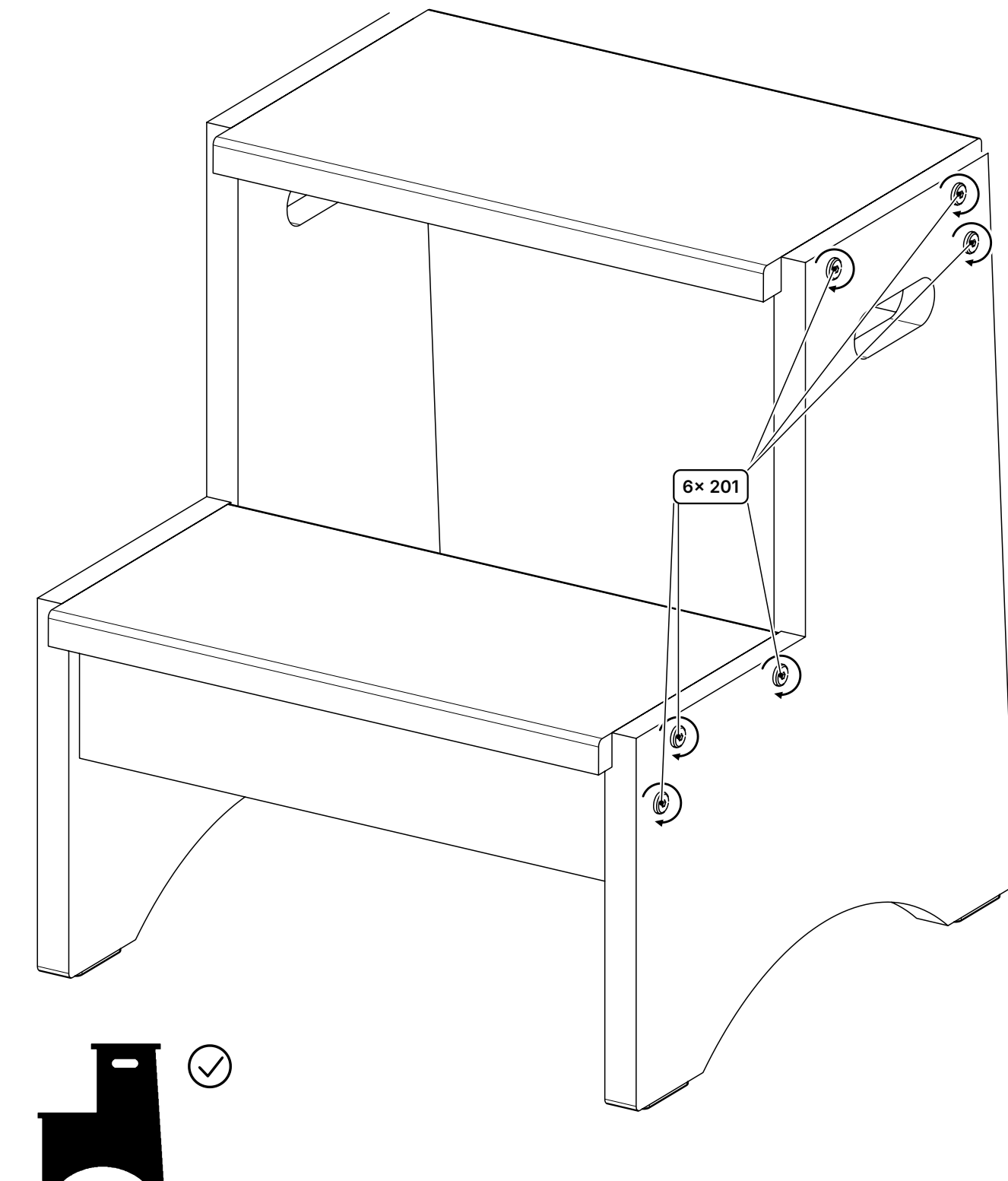
8 / 8



12x



4 mm

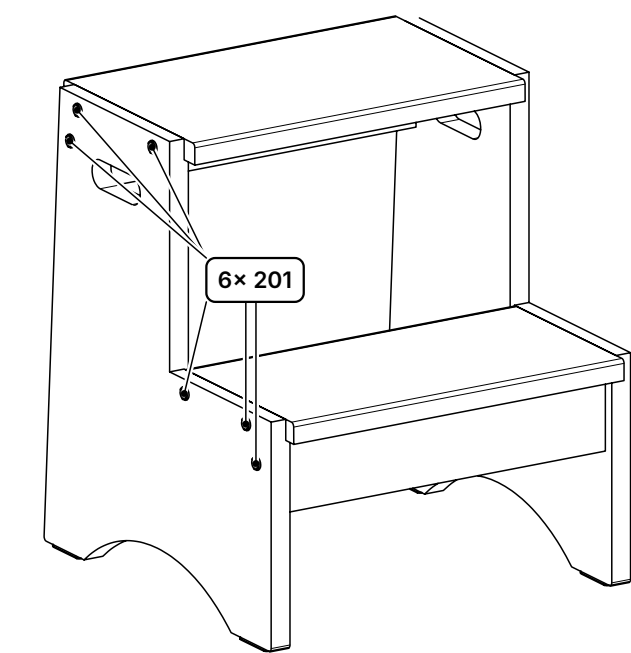


Stand the stool upright on a level floor. Tighten all 12 bolts firmly with the hex key. Check that all four feet touch the floor and the stool does not rock.

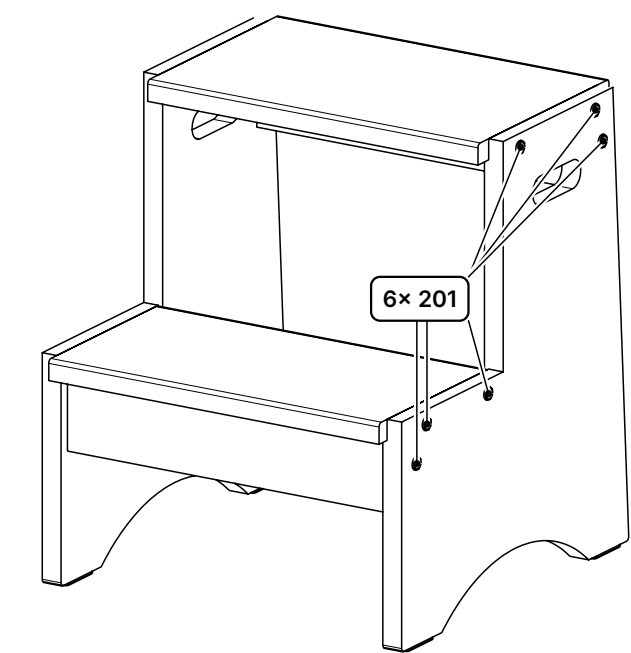
Care, checks and tightening

Keep the stool safe to use for as long as you have it.

When	Check or do
Before each use	All four feet touch the floor and the stool does not rock. No part is cracked or loose. All four anti-slip pads 204 are in place.
After the first 2 weeks	Tighten all 12 bolts 201 with the hex key. New wood settles in the first weeks and the joints can loosen.
Every 3 months	Tighten all 12 bolts 201 again and check the anti-slip pads.



A 6 bolts in the side panel, left



B 6 bolts in the side panel, right



Stand the stool on a level floor. Tighten the 6 bolts on each side in turn, firmly, with the hex key by hand. Do not use a power tool.

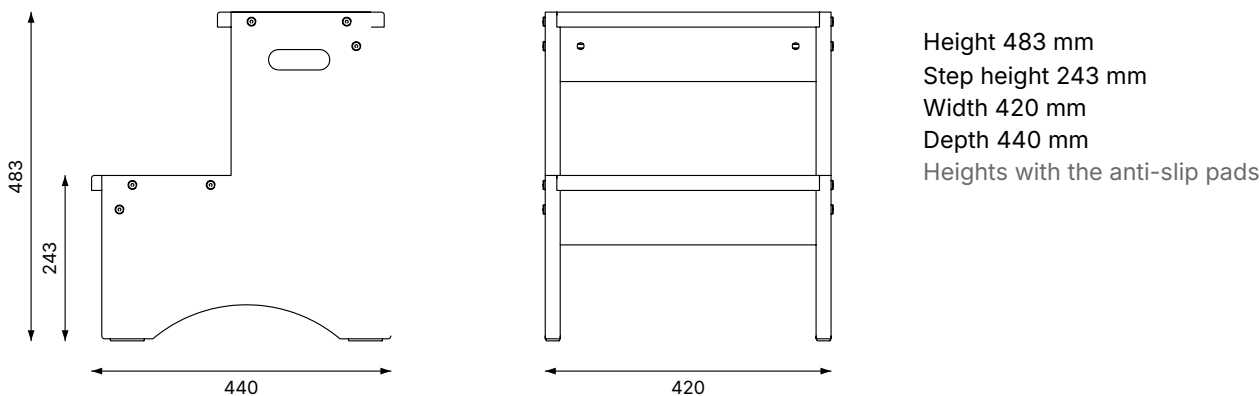
Cleaning	Wipe with a cloth dampened with water, then dry with a clean cloth. Do not use solvents, scouring agents or a steam cleaner.
Where to use and store	For indoor use in dry rooms. Keep the stool away from heaters and do not leave it outdoors or in a damp room.
Worn parts	Replace a worn or lost anti-slip pad 204 before you use the stool again. Do not use a stool with a cracked wooden part and do not repair it: replace the part.
Disposal	Take the wooden parts to wood recycling and the metal parts to metal recycling. Follow the local rules.

Parts list

Item	Part number	Description	Qty	Material
A	ST2-101	Side panel, left, 480 × 425 × 22 mm	1	Solid pine
B	ST2-102	Side panel, right, 480 × 425 × 22 mm	1	Solid pine
C	ST2-103	Top tread, 386 × 245 × 22 mm	1	Solid pine
D	ST2-104	Step, 386 × 205 × 22 mm	1	Solid pine
E	ST2-105	Back rail, 376 × 80 × 22 mm	1	Solid pine
F	ST2-106	Front rail, 376 × 80 × 22 mm	1	Solid pine
201	ST2-201	Connector bolt M6 × 60, flat head Ø13, hex socket 4 mm	12	Steel
202	ST2-202	Cross dowel (barrel nut) M6, Ø10 × 16, slotted	12	Steel
203	ST2-203	Wood dowel Ø8 × 30, fluted	8	Hardwood
204	ST2-204	Anti-slip pad 50 × 20 × 3, self-adhesive	4	Rubber
205	ST2-205	Hex key 4 mm	1	Steel

Wooden parts: length x width x thickness; side panels: height x depth x thickness.

Dimensions



Document

Title	Assembly instructions, ST-2 step stool
Document number	FA-ST2-AI-EN
Revision	A, 2026-10-28
Language	English (original instructions)
Issuer	First Angle, www.firstangle.ai

Rev.	Date	Description	By
A	2026-10-28	First issue, generated from the ST-2 build123d model	First Angle

About this document. The ST-2 is an example product designed by First Angle (firstangle.ai) to show assembly instructions generated from a 3D model. It is not a product on sale. The design, the drawings, the part numbers and every dimension, hole position and hardware count in this document come from one build123d model. The drawings are hidden-line projections of that model computed with OpenCascade. Provided as is, without warranty.