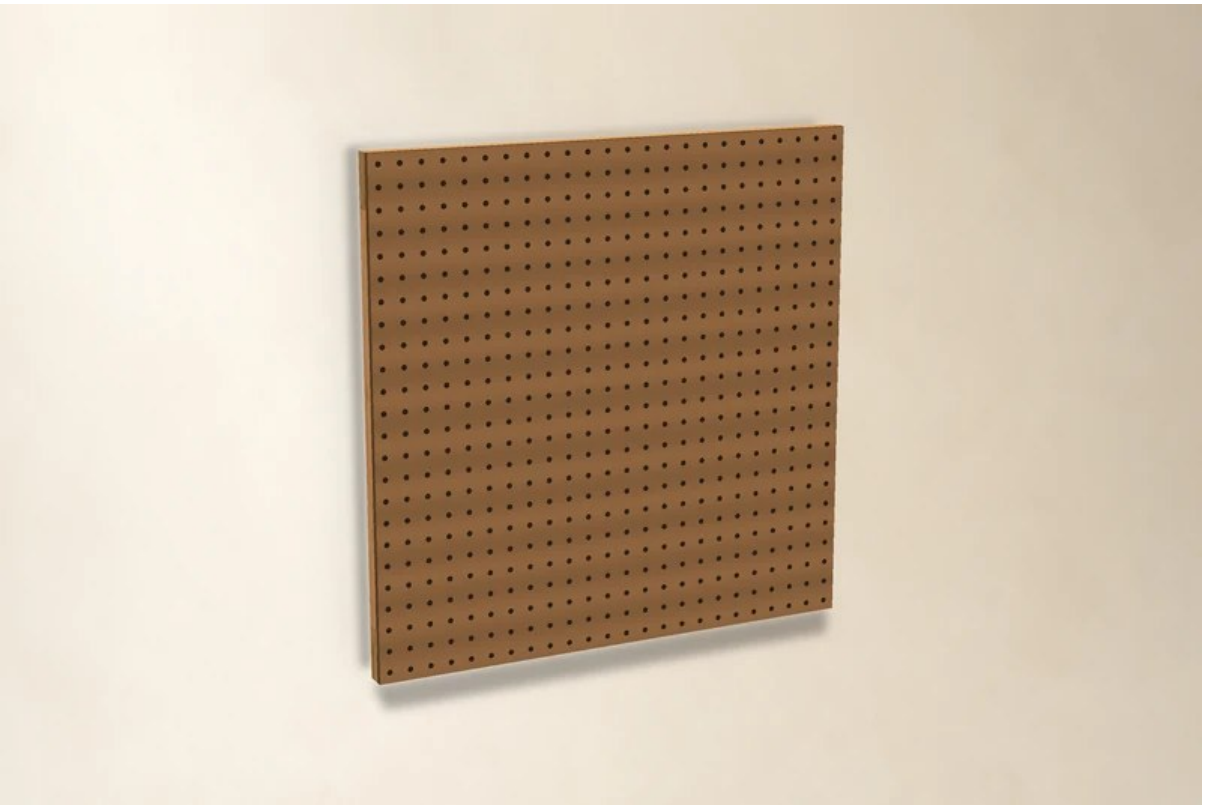
GRAINBENCH ORIGINAL | CONFIDENT BEGINNER

The Small Workshop Pegboard

A 2 ft square pegboard on a 1x3 frame, with spacer blocks behind so hooks have room and mounting screws reach the studs.



SIZE	SKILL	TIME	JOINERY
24 in wide, 24 in tall, 2-1/2 in deep	Confident beginner	About 2 to 3 hours	Pocket screws and screws

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01 / MATERIALS AND TOOLS

What to buy.

LUMBER AND SHEET GOODS

BUY	USED FOR
1 x 1x3 board, 8 ft	H top and bottom rails, S side rails
1 x 2x2 board, 4 ft (or an offcut at least 13-3/8 in long)	B spacer blocks
1 x 1/4 pegboard, 2 ft x 4 ft panel	P pegboard

Pegboard is usually sold in 2 x 4 ft panels; cut a 2 ft square from it. Check that your hooks fit its hole size (1/4 in holes are most common).

HARDWARE AND SUPPLIES

ITEM	AMOUNT
1-1/4 in coarse-thread pocket-hole screws	4, plus a few spares
#8 x 1-1/2 in flathead wood screws	8, plus a few spares
#6 x 3/4 in flathead wood screws	14, plus a few spares
#10 x 4-1/2 in wood screws	4, with washers, for wood studs behind 1/2 in drywall
Pegboard hooks	A starter set to suit the hole size

TOOLS

- Saw for straight crosscuts: mitre saw, or circular saw with a speed square
- Pocket-hole jig set for 3/4 in stock, with its stepped bit and a #2 square driver bit
- Drill/driver with a countersink bit
- Tape measure, pencil and a combination or speed square
- 2 clamps that open to at least 30 in
- Stud finder and a level
- Safety glasses and hearing protection

02 / CUT LIST

Cut the parts.

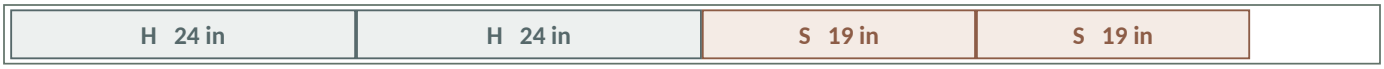
Cut the pegboard P to 24 x 24 in, the rails H and S square, and the four spacer blocks B.

ID	PART	QTY	LENGTH	WIDTH	THICK	FROM
P	Pegboard	1	24 in	24 in	1/4 in	1/4 pegboard
H	Top and bottom rails	2	24 in	2-1/2 in	3/4 in	1x3
S	Side rails	2	19 in	2-1/2 in	3/4 in	1x3
B	Spacer blocks	4	3 in	1-1/2 in	1-1/2 in	2x2

CUTTING DIAGRAMS

1x3 x 8 ft

87-3/8 in used, including 1 in to square the end and 1/8 in per cut



2x2 x 4 ft

13-3/8 in used, including 1 in to square the end and 1/8 in per cut



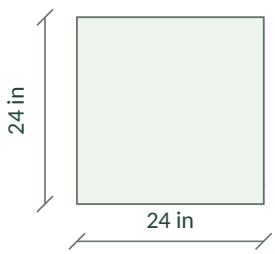
1/4 pegboard, 2 ft x 4 ft

Long edge runs left to right. Allow 1/8 in between parts for the saw.

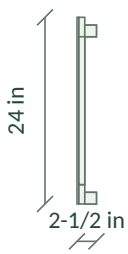


FINISHED SIZE

FRONT



SIDE



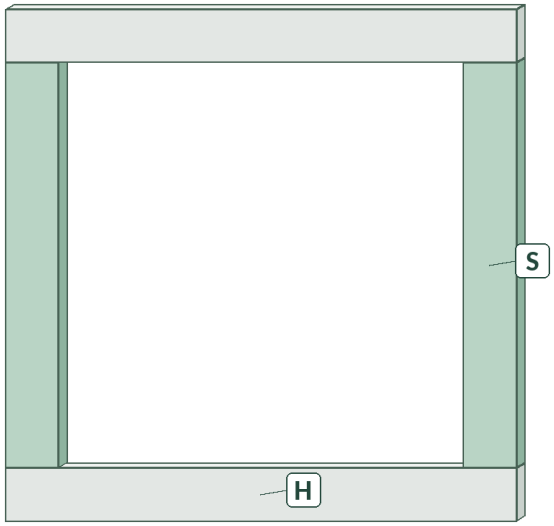
The side rails fit between the top and bottom rails to make a 24 in square frame. The spacer blocks sit behind the top and bottom rails, 16 in apart, to line up with the studs.

03 / BUILD

Put it together.

STEP 1 Build the frame

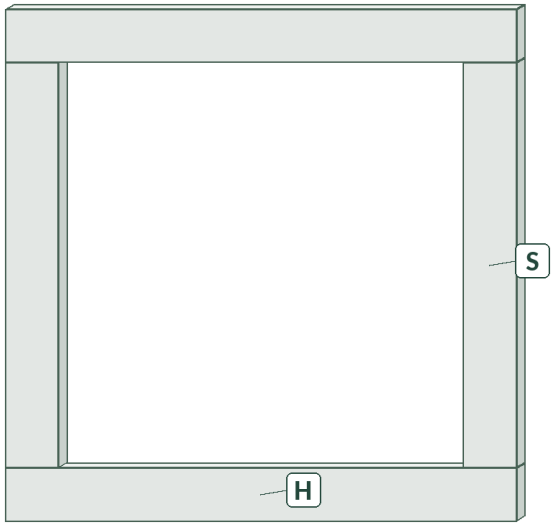
Drill 1 pocket hole at each end of both **S** on the back face. Glue and clamp them between the two **H** to make a 24 in square and drive 4 screws. Check the diagonals match.



GREEN: added in this step | GREY: already in place

STEP 2 Add the spacer blocks

On the back of each **H**, mark block positions 2-1/2 and 18-1/2 in from the left end so the blocks are 16 in apart, centre to centre. Glue and screw each **B** on with 2 screws.



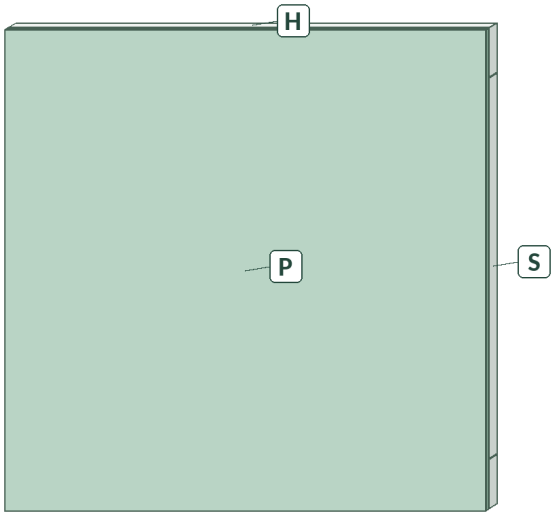
GREEN: added in this step | GREY: already in place

03 / BUILD, CONTINUED

STEP 3

Attach the pegboard

Lay **P** on the front of the frame, flush at all four edges. Drive 4 screws through it into each **H** and 3 into each **S**, on the solid board between the holes.



GREEN: added in this step | GREY: already in place

STEP 4

Hang the board

Find two studs 16 in apart. Hold the board level with the blocks over the studs and drive one long screw through each block into a stud, through a pegboard hole if one lines up.

CARE

For hand tools on matching hooks. Keep sharp edges covered and heavy tools on a shelf.

Browse more free plans > **Plan your own cut list >** **How to read a plan >**

Dimensions, part counts and cutting layouts were checked digitally. The plan has not been load-tested.