



AN ORIGINAL YOU CAN MAKE YOUR OWN

The Welcome In Coat Rail

A simple wooden rail with three tidy hooks for light coats and everyday essentials. One board keeps the build small and useful.



30 in W x 3-1/2 in H rail / hook projection varies

One common 1x4 board and three compatible surface-mount hooks.

Project visualization. Build to the [dimensioned drawings](#) and [cut list](#).



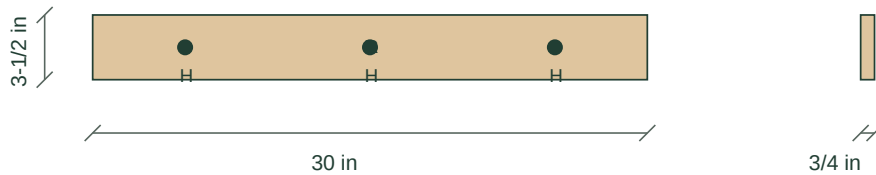
01 / DIMENSIONS

Know the shape. Keep the size.

Dimensioned views show the finished form. Use the cut list and part labels together; drawings are references, not full-size drilling or cutting templates.

FRONT / WIDTH

SIDE / DEPTH



Rail: 30 W x 3-1/2 H x 3/4 D in; total projection depends on H. Nominal hook centres: 5, 15 and 25 in from left end, centred vertically. Wall screw holes follow actual stud positions and must remain separate from hook holes.

Part key

R: Wall rail / H: Purchased hooks

Plan note: dimensions and stock layouts checked digitally; not physically built or load-tested. No weight capacity is specified.



02 / SHOPPING AND PARTS

Buy the stock. Label every part.

Choose straight, dry indoor stock. Ordinary pine or whitewood suits the solid parts; use flat, sound plywood where specified. Store names are nominal: measure actual thickness and width.

BUY	QUANTITY / NOTES
1x4 x 4 ft	1 straight board, actual 3/4 x 3-1/2 in.
Hooks	3 surface-mount two-hole coat hooks; bases must fit the rail and accept suitable short screws.
Hook screws	6 matching-head screws, typically #6 x 5/8 in; check plate thickness and contained tips.
Wall screws	2 washer-head cabinet screws, typically #10 x 3 in for 1/2 in drywall over wood studs; match actual wall.
Supplies	Sandpaper, finish and optional thin wall-protection pads.

CUT LIST

FINISHED SIZES / INCHES

ID	PART	QTY	STOCK	LENGTH	WIDTH	THICKNESS
R	Wall rail	1	1x4	30	3-1/2	3/4
H	Purchased hooks	3	hardware	See maker	See maker	See maker

Stock is the store label; **length, width and thickness** are the finished part sizes. Quantities are individual pieces. Allow for saw kerf and square the ends before measuring.

Tools

Tape, square, pencil, supported saw, drill/driver, clamps and sanding tools. Use eye, hearing and dust protection. Clamp small parts and keep hands clear of cutting and screw paths. Stud finder, level, stopped pilot bits and hardware-specific clearance bits.

**03 / CUT AND PREPARE**

A clear layout before the first cut.

Each strip is a stock board. Part labels and lengths are in inches. Allow a 1/8 in kerf, square an end first and measure every cut from its new end. Leave spare stock for defects.

1x4 x 48 in



1 Cut wall rail (R)

Choose flat, sound stock without splits near screw positions. Square-cut R to 30 in and mark front, back, top and left end. Check it sits flat against the wall.

2 Choose and lay out hooks (H)

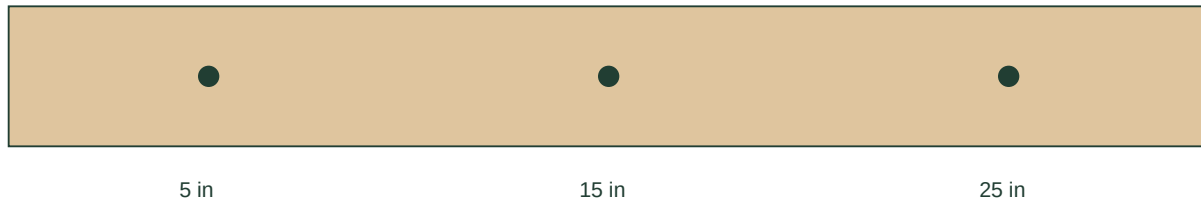
Confirm bases fit R and accept approved short screws. Mark centres at 5, 15 and 25 in. Use actual hooks as the drilling templates; mounting-hole spacing is hardware-specific.



04 / JOINERY AND LAYOUT

Check the joint before assembly.

Use the sketch and the named parts to understand the setup. Hole symbols are schematic; the written dimensions and actual hardware control drilling.

R / FRONT - USE ACTUAL HOOK TEMPLATES

Nominal hook centres. Wall holes follow studs, not these marks.

3 Locate wall stud fixings in R

Find two sound wood studs, normally 16 or 24 in apart. Centre R over them, keeping holes at least 1-1/2 in from ends. Use a row about 1 in below R top; shift hooks if holes conflict.

4 Drill wall clearances and hook pilots

Drill clearance holes for wall screws and maker-specified hook pilots. Use a depth stop for shallow hook holes; do not drill through R. Keep sound material between the two fixing systems.



Keep it square as it comes together.

Support the work while clamping or turning it. Use the marked reference edges and the correct screw for each joint; do not swap hardware lengths.

5

Sand and finish rail (R)

Ease exposed edges while leaving joining faces square. Sand 120 then 180 grit as appropriate, remove dust and test finish on an offcut. Follow finish ventilation and full cure directions. Keep the wall face flat and allow full cure before fastening the metal hooks.

6

Fasten hooks (H) to rail (R)

Seat hooks and drive matching short screws gently. Typical 5/8 in screws leave a margin in 3/4 in wood, but plate thickness and head styles vary. Inspect R back for projecting tips.

7

Prepare wall pilots and long screws

With 3/4 in R over 1/2 in drywall, a 3 in screw gives about 1-3/4 in stud penetration before hardware allowances. Verify actual layers, safe drilling and fixing-maker guidance. Other walls need their own specified fixings.

Detail to keep in mind

Short hook screws attach H to R; long wall screws attach R to studs. Never swap them. A purchased hook rating does not rate the complete wall installation.

[Fixing reference and setup guidance](#)



06 / FINISH AND INSPECT

Ready for its place in the room.

Let glue and finish fully cure. Inspect the finished project and its installation before everyday use. Correct loose, split or sharp parts first.

8 Mount rail (R) level into both studs

Hold level with help and drive both washer-head screws through R into the studs. Seat firmly without crushing the wood. Keep screw heads accessible; do not conceal them under permanent filler.

9 Inspect hooks and wall connections

Check hooks cannot rotate and the rail is firm. Start with light items. Unload immediately if wood splits, hooks loosen or the wall fixing moves; correct the connection before reuse.

Use and care

Indoor light-coat storage. Not a grab rail or climbing aid. Avoid heavy loaded bags; no system load rating is claimed.

Made to keep making.

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