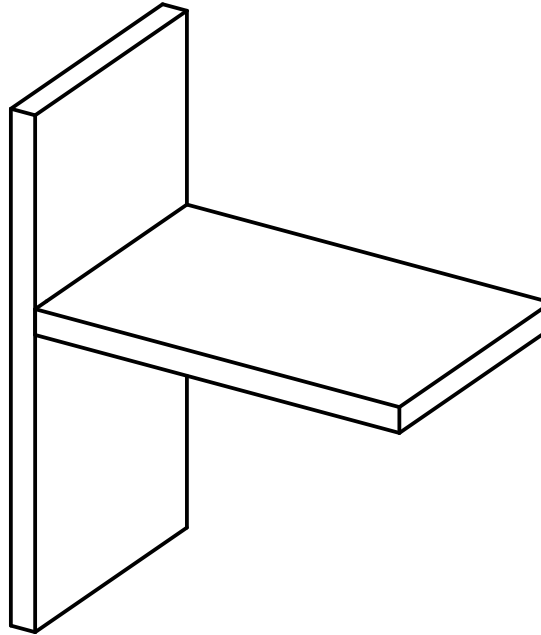


Stopped dado shelf



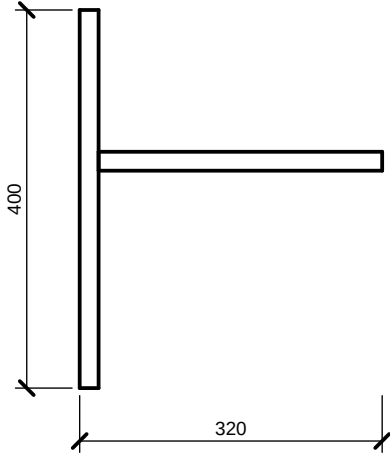
parts	2
overall	320 x 200 x 400 (W x D x H)
material	oak
date	2026-10-25
made with	woodwright 0.9.0

Contents

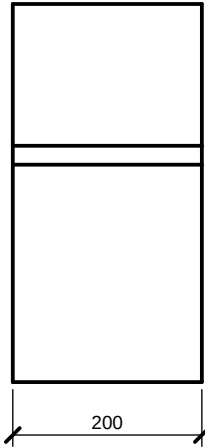
Drawings	3
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1 side	5
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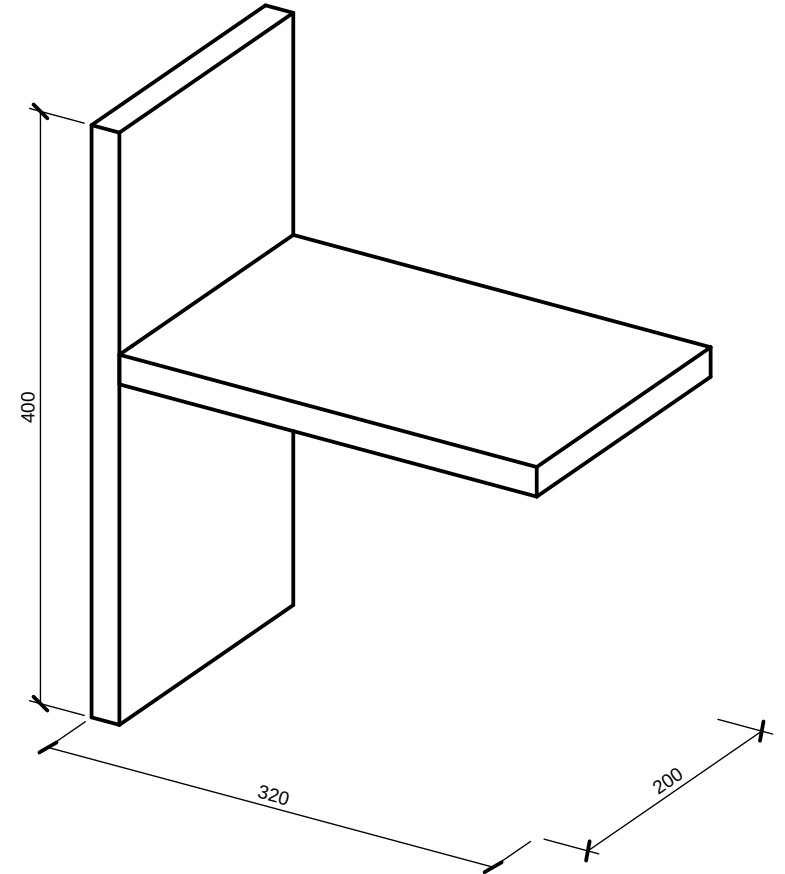
TOP



FRONT

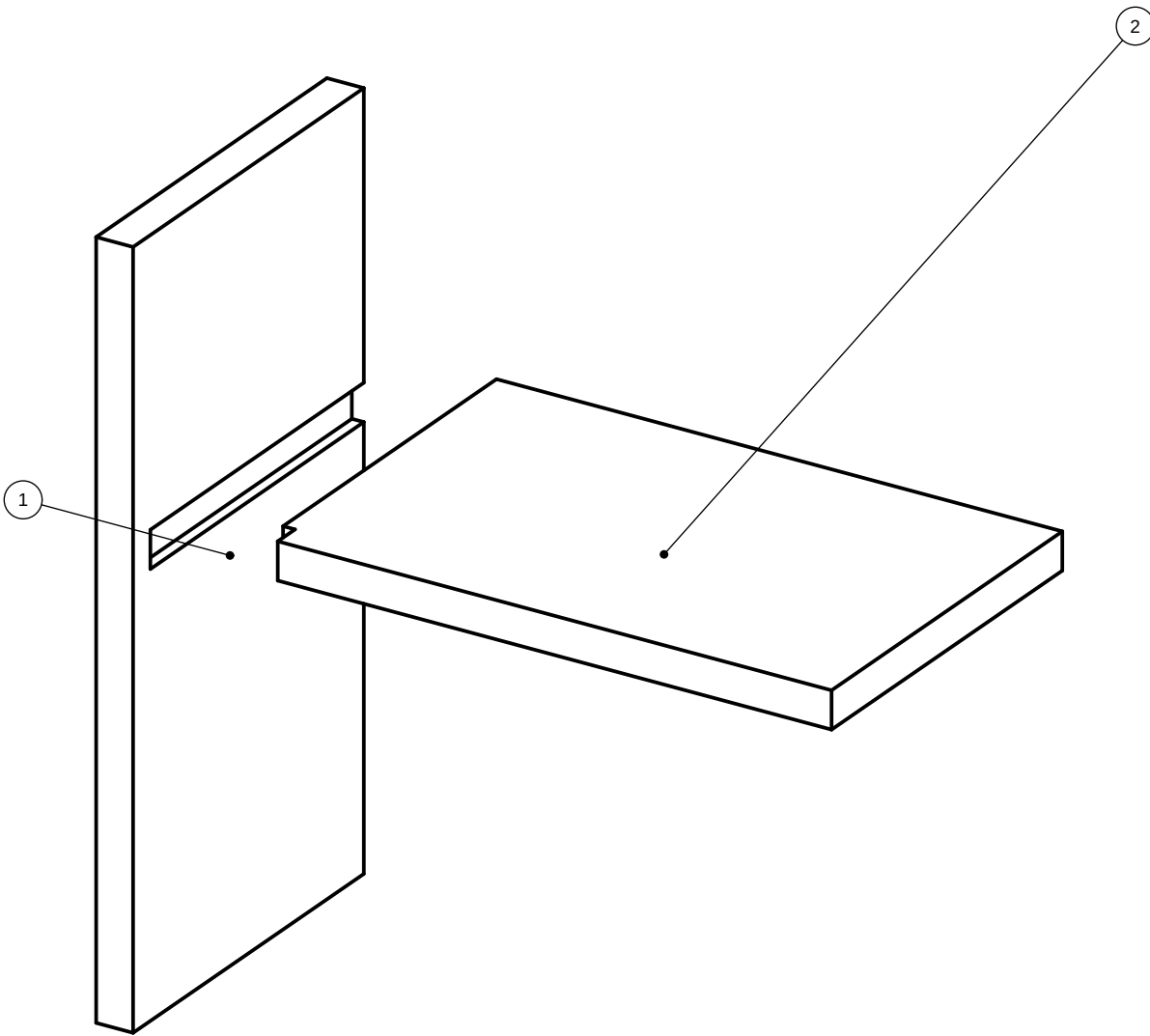


RIGHT SIDE



ISOMETRIC

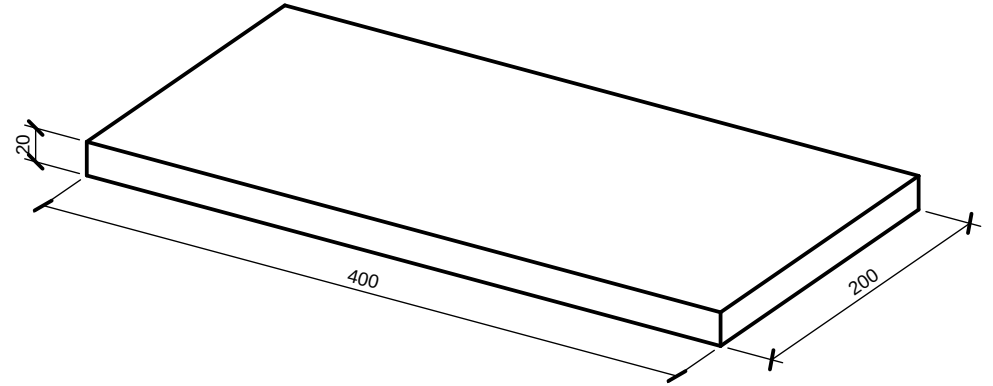
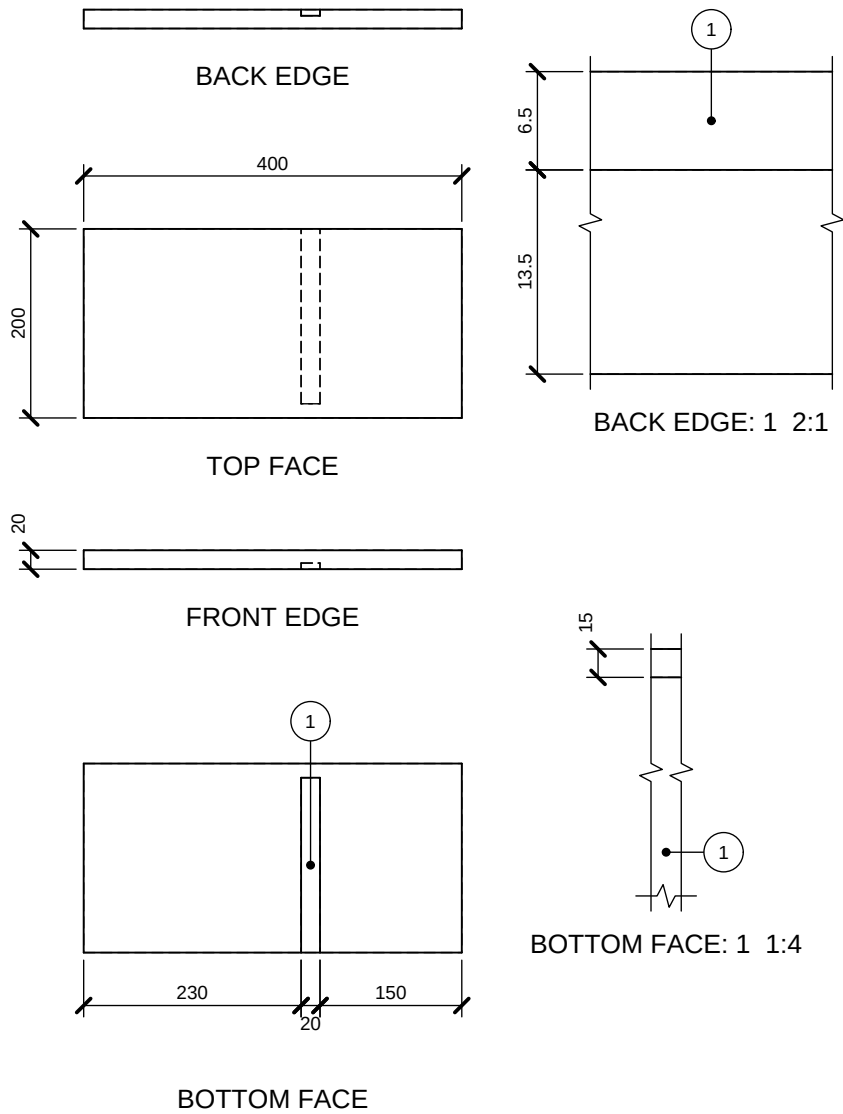
assembly	stopped_dado_shelf
parts	2
overall	320 x 200 x 400 (W x D x H)
material	oak
scale	1:8, mm



no.	part	qty	cut size (L x W x T)	material
1	side	1	400 x 200 x 20	oak
2	shelf	1	306.5 x 200 x 20	oak

EXPLODED

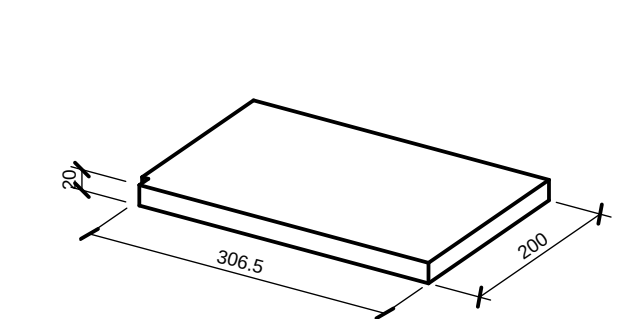
assembly	stopped_dado_shelf
parts	2
overall	320 x 200 x 400 (W x D x H)
material	oak
scale	not to scale, mm



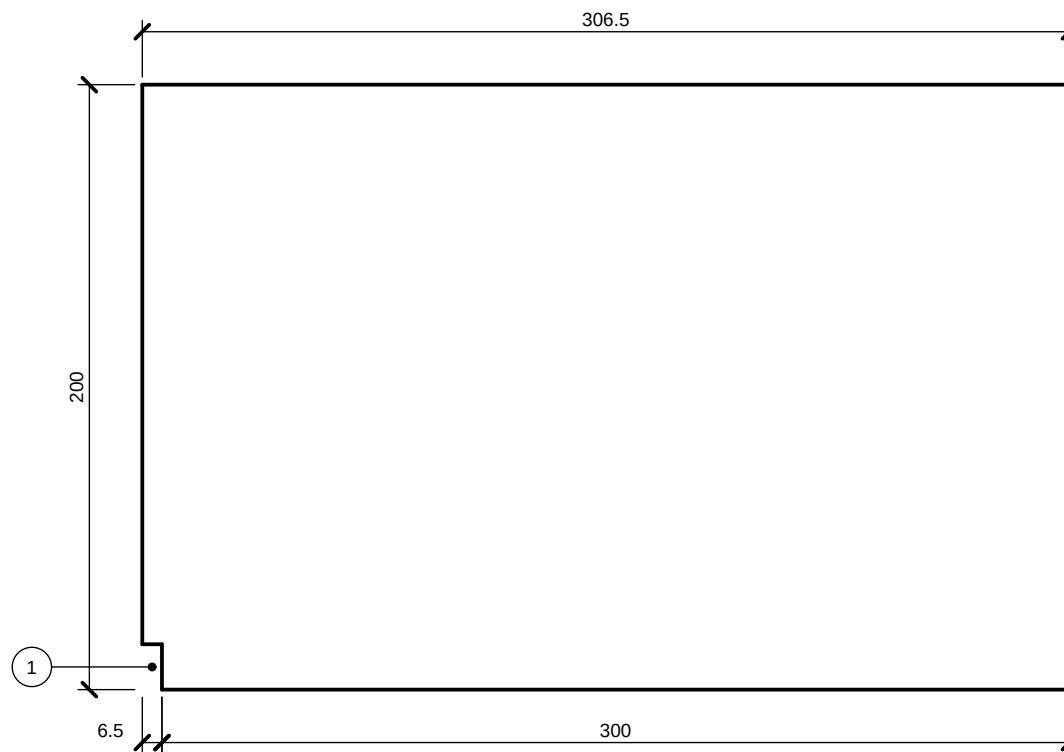
ISOMETRIC

1 stopped dado 20 mm, 6.5 deep, in bottom_face, 15 mm short of front_edge

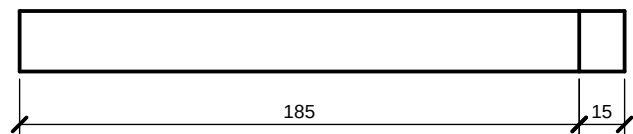
part	side
of	stopped_dado_shelf
make	1
cut size	400 x 200 x 20
material	oak
scale	1:8, mm



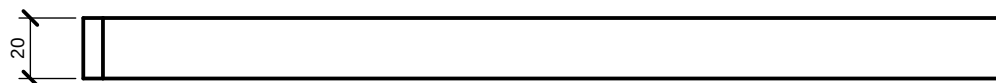
ISOMETRIC



TOP FACE



LEFT END



FRONT EDGE

1 notch 15 x 6.5 mm in left_end at front_edge

part	shelf
of	stopped_dado_shelf
make	1
cut size	306.5 x 200 x 20
material	oak
scale	1:2.5, mm

Cut list

side 400 x 200 x 20 mm oak
- stopped dado 20 mm, 6.5 deep, in bottom_face, 15 mm short of front_edge
shelf 306.5 x 200 x 20 mm oak
- notch 15 x 6.5 mm in left_end at front_edge

Appendix: source

Made with woodwright 0.9.0, build123d 0.13.0, Python 3.14.4.

To make these plans again:

```
uvx --python 3.14 woodwright==0.9.0 export joints.stopped_dado_shelf
```

joints.stopped_dado_shelf, in woodwright/examples/joints.py

```
def stopped_dado_shelf(
    side_height: float = 400,
    shelf_length: float = 300,
    depth: float = 200,
    shelf_height: float = 150,
    stop: float = 15,
    stock: Stock = OAK,
) -> Assembly:
    """A shelf in a stopped dado, as in a bookshelf: the dado stops `stop`
    short of the side's front edge, so it doesn't show at the front.

    The shelf's front corner is notched to the stop, its front edge flush
    with the side's; at the back the dado runs out (under a back panel).
    """
    asm = Assembly("stopped_dado_shelf", root_location=CASE_SIDE)
    side = asm.add(Board("side", stock, length=side_height, width=depth))
    shelf = asm.add(Board("shelf", stock, length=shelf_length, width=depth))
    asm.join(
        DadoJoint(
            dado=side.bottom_face,
            end=shelf.left_end,
            position=offset(shelf_height, side.right_end),
            stopped={side.front_edge: stop},
        )
    )
    return asm
```