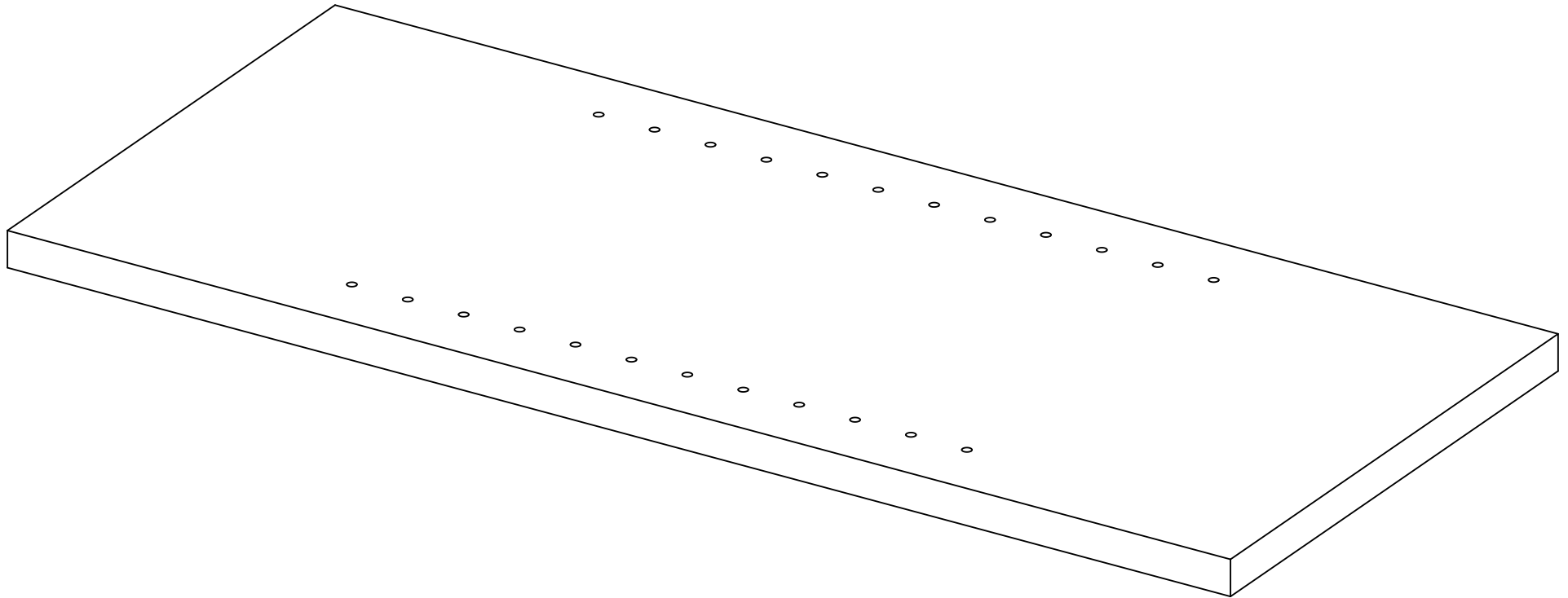


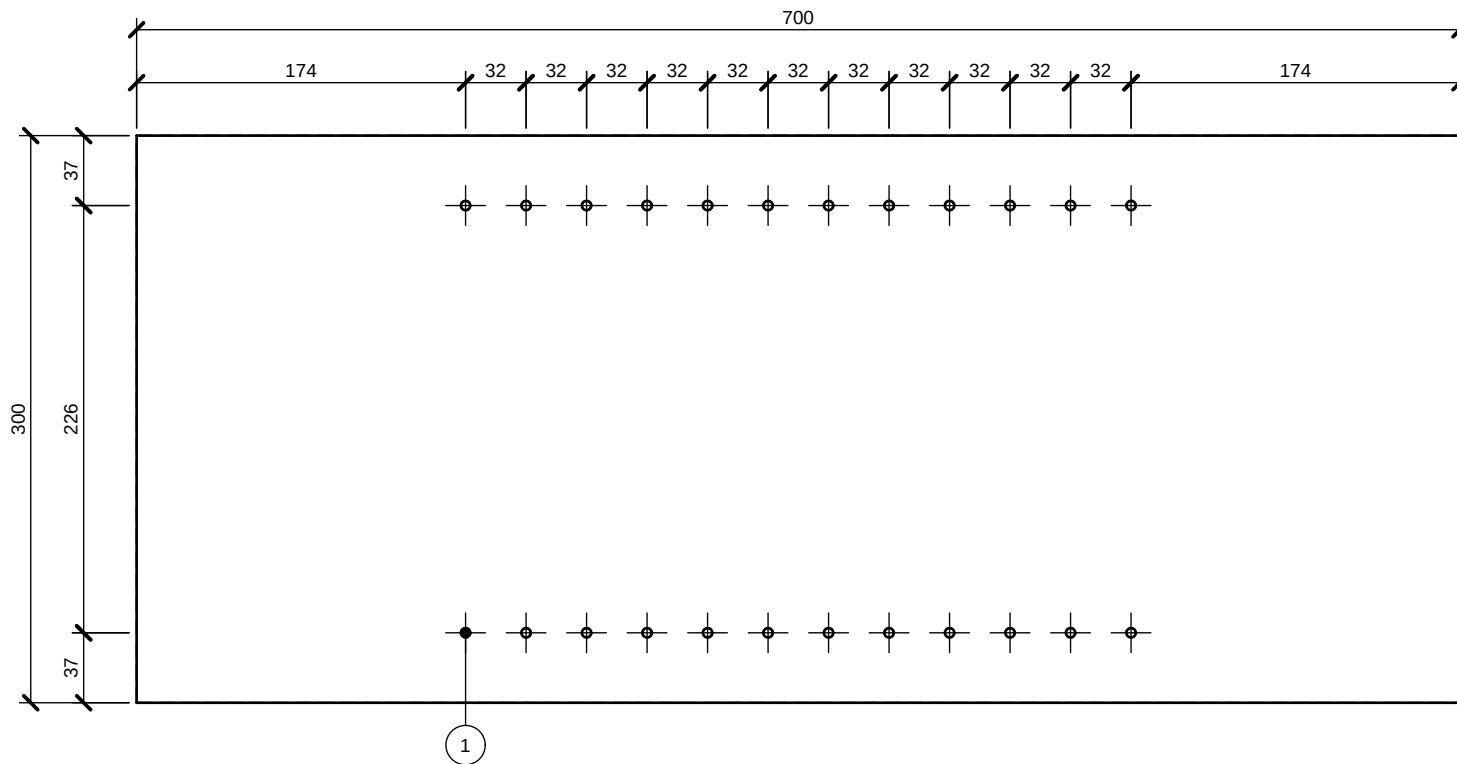
Shelf pin holes



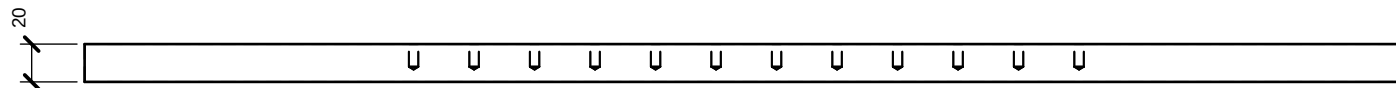
parts	1
overall	700 x 300 x 20 (W x D x H)
material	oak
date	2026-10-25
made with	woodwright 0.9.0

Contents

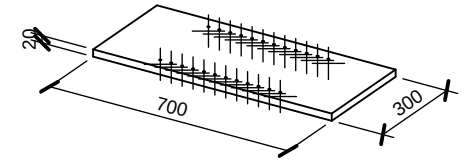
Drawings	3
1 board	3
Cut list	4
Appendix: source	5



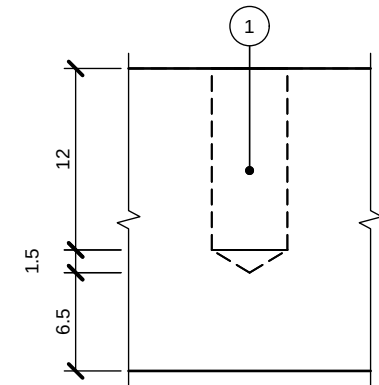
TOP FACE



FRONT EDGE



ISOMETRIC



FRONT EDGE: 1 2:1

1 24 x hole $\varnothing 5$, 12 deep, drill point 118 deg, in top_face

part	board
of	shelf_pin_holes
make	1
cut size	700 x 300 x 20
material	oak
scale	1:4, mm

Cut list

board 700 x 300 x 20 mm oak
- 24 x hole ø5, 12 deep, drill point 118 deg, in top_face, 174 to 526 every 32 from left_end; 37 from front_edge and back_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 cuts.shelf_pin_holes
```

cuts.shelf_pin_holes, in woodwright/examples/cuts.py

```
def shelf_pin_holes(
    height: float = 700,
    depth: float = 300,
    pitch: float = 32,
    count: int = 12,
    stock: Stock = OAK,
) -> Assembly:
    """Two rows of 5 mm holes, 12 deep, in the inside of a case side for
    shelf pins, `pitch` apart (the 32 mm system), 37 from the edges."""
    asm, board = _board("shelf_pin_holes", stock, length=height, width=depth)
    start = (height - (count - 1) * pitch) / 2
    for i in range(count):
        for edge in (board.front_edge, board.back_edge):
            at = {board.left_end: start + i * pitch, edge: 37}
            board.cut(Hole(board.top_face, 5, depth=12, at=at, point=118))
    return asm
```