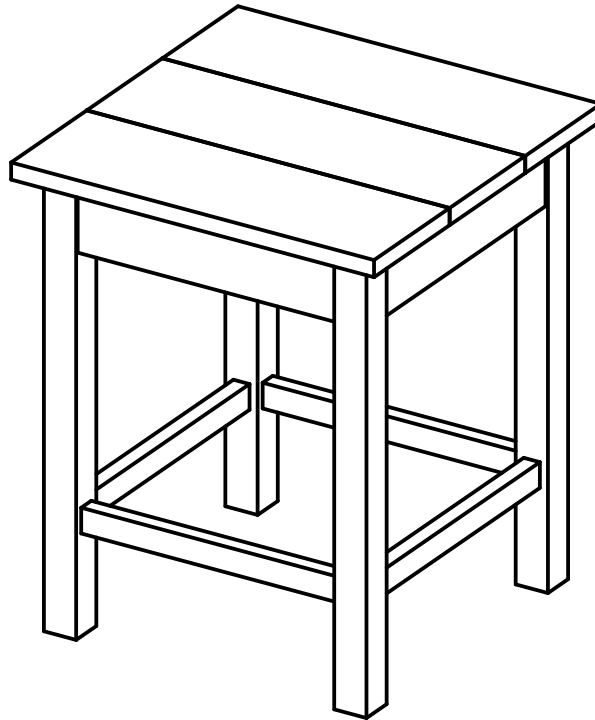


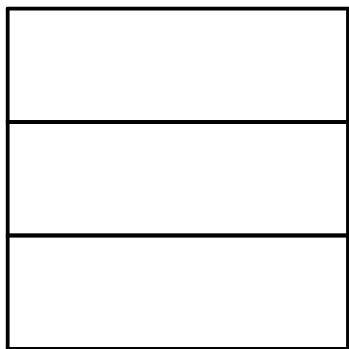
Side table



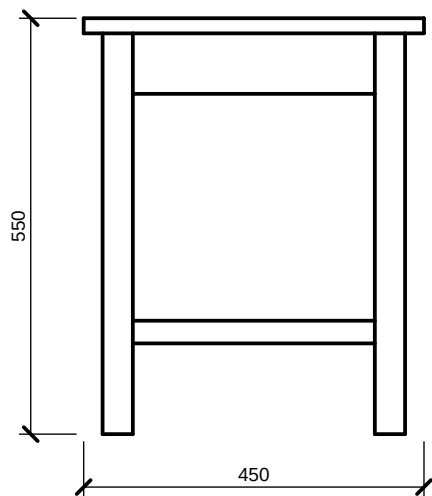
parts	23 (7 different)
overall	450 x 450 x 550 (W x D x H)
material	oak
date	2026-10-25
made with	woodwright 0.9.0

Contents

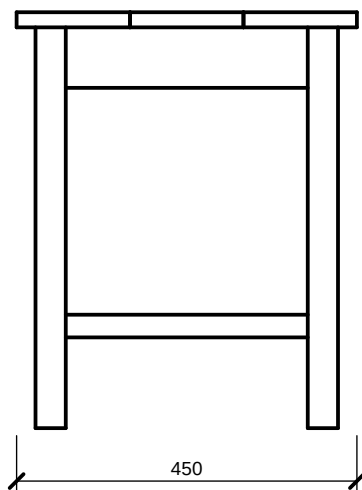
Drawings	3
Assembly	3
Parts	4
1 leg	5
2 apron_front_back	6
3 apron_right_left	7
4 stretcher	8
5 top	9
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7 button	11
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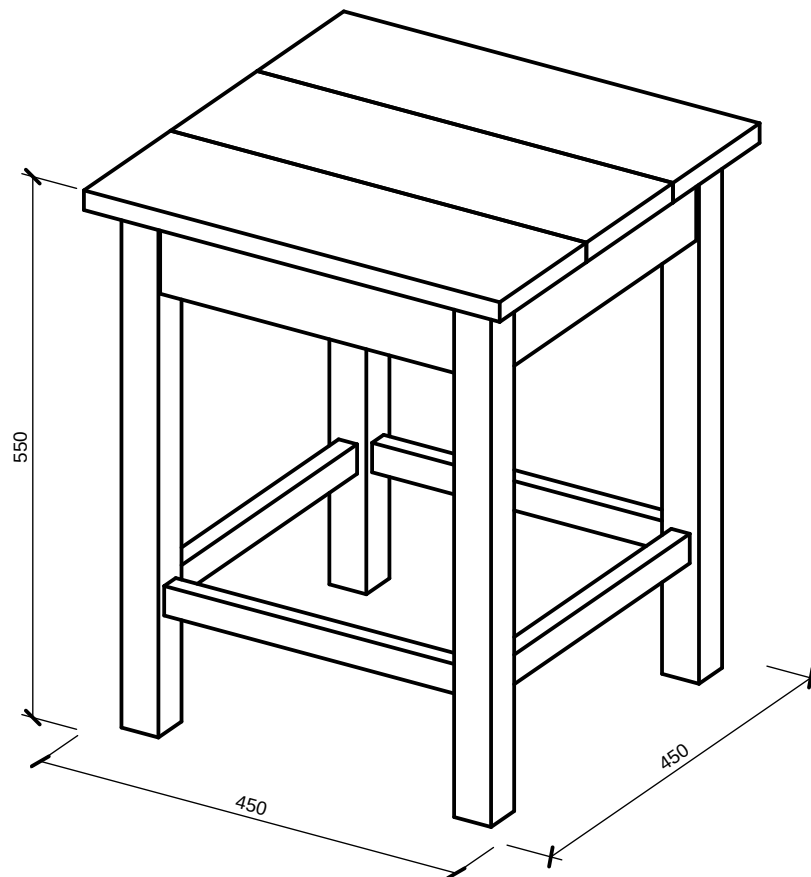
TOP



FRONT

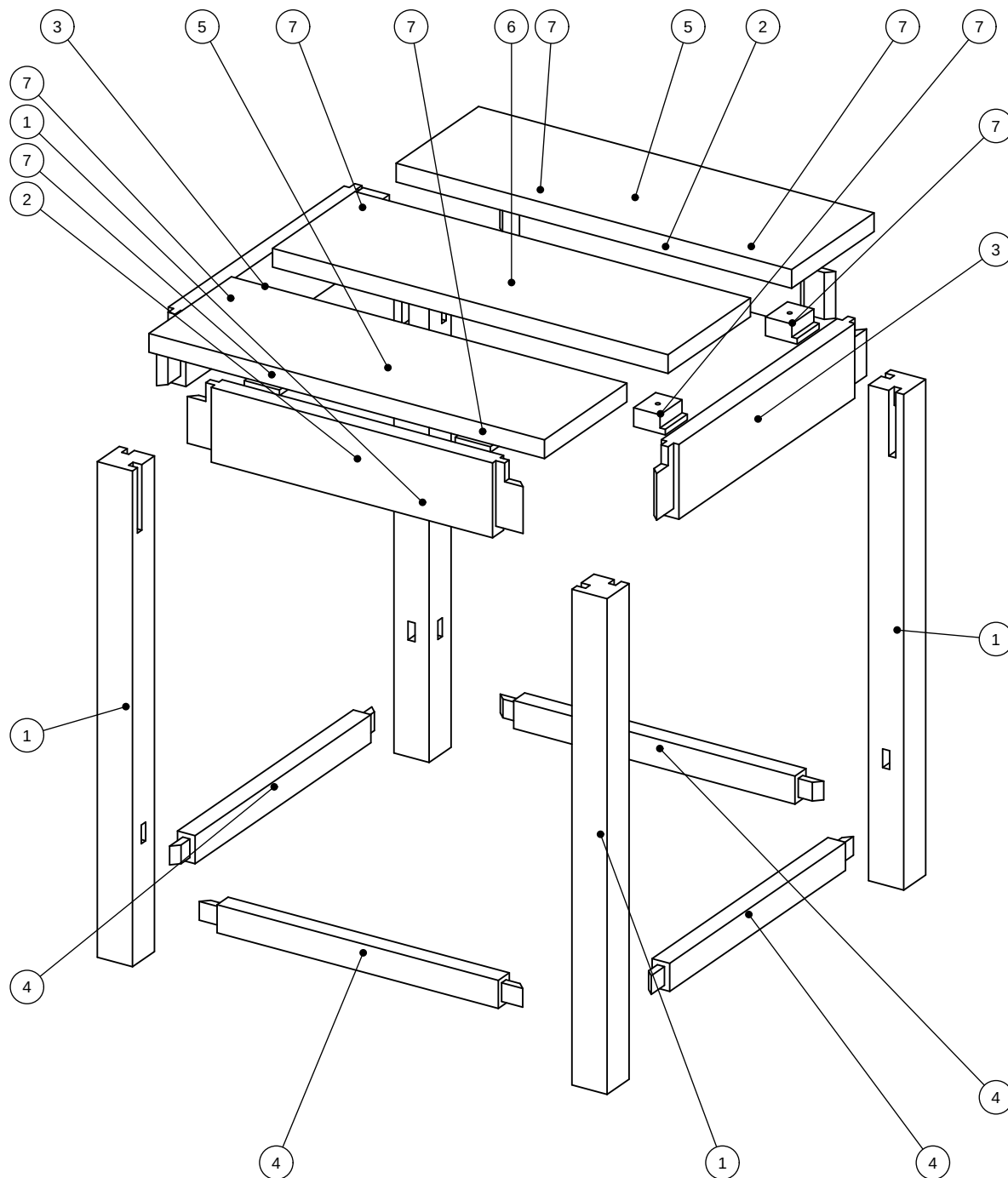


RIGHT SIDE



ISOMETRIC

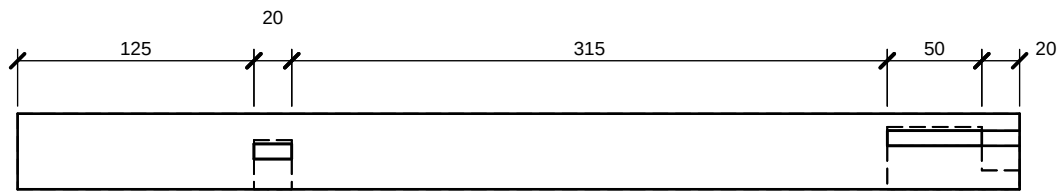
assembly	side_table
parts	23 (7 different)
overall	450 x 450 x 550 (W x D x H)
material	oak
scale	1:10, mm



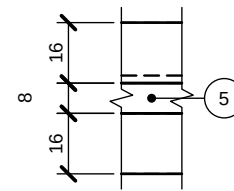
EXPLODED

no.	part	qty	cut size (L x W x T)	material
1	leg	4	530 x 40 x 40	oak
2	apron_front_back	2	382 x 80 x 20	oak
3	apron_right_left	2	382 x 80 x 20	oak
4	stretcher	4	368 x 30 x 20	oak
5	top	2	450 x 150 x 20	oak
6	top_2	1	450 x 150 x 20	oak
7	button	8	36 x 40 x 20	oak

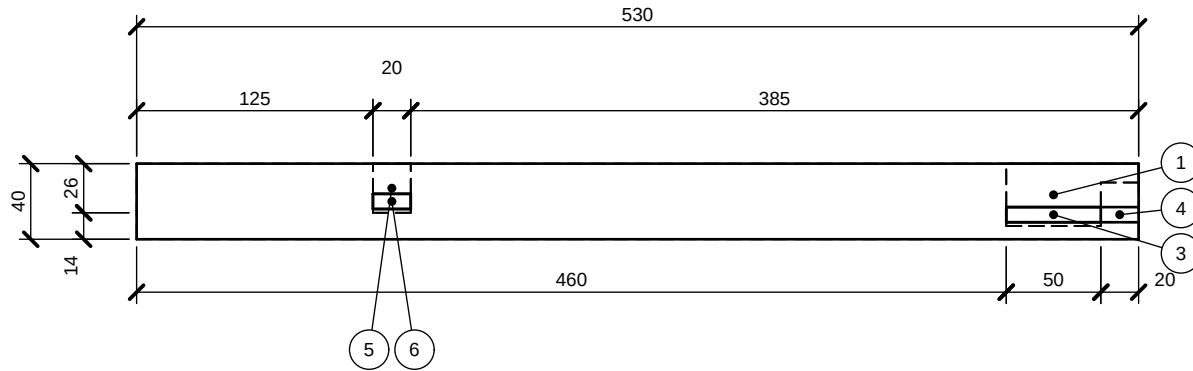
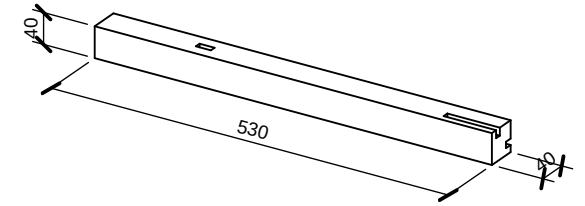
assembly	side_table
parts	23 (7 different)
overall	450 x 450 x 550 (W x D x H)
material	oak
scale	not to scale, mm



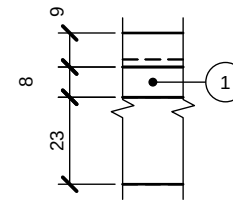
BACK EDGE



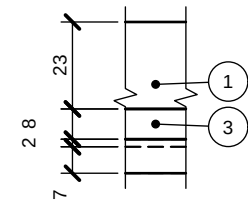
BACK EDGE: 5 1:2



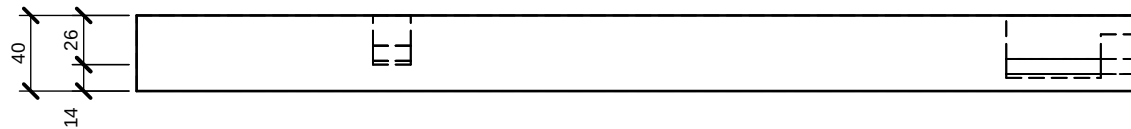
TOP FACE



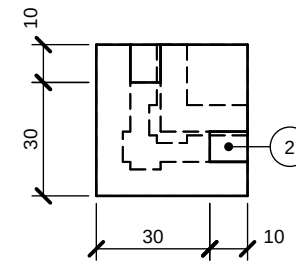
BACK EDGE: 1, 2 1:2



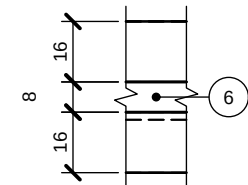
TOP FACE: 1, 3, 4 1:2



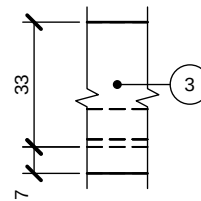
FRONT EDGE



RIGHT END 1:2



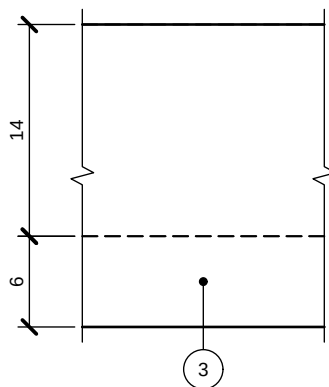
TOP FACE: 6 1:2



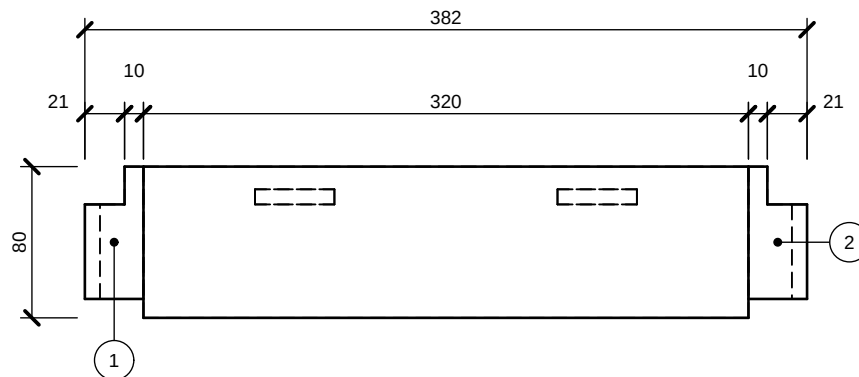
FRONT EDGE: 3 1:2

- 4 pieces: leg_front_left, leg_front_right, leg_back_right, leg_back_left
- 1 mortise 50 x 8 mm, 33 deep, in back_edge
- 2 haunch mortise 20 x 8 mm, 10 deep, in back_edge at right_end
- 3 mortise 50 x 8 mm, 33 deep, in top_face
- 4 haunch mortise 20 x 8 mm, 10 deep, in top_face at right_end
- 5 mortise 20 x 8 mm, 26 deep, in back_edge
- 6 mortise 20 x 8 mm, 26 deep, in top_face

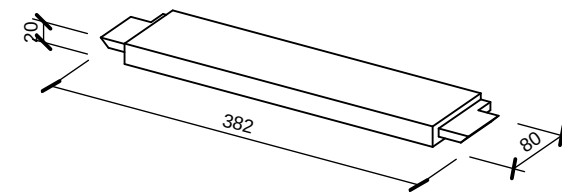
part	leg
of	side_table
make	4
cut size	530 x 40 x 40
material	oak
scale	1:4, mm



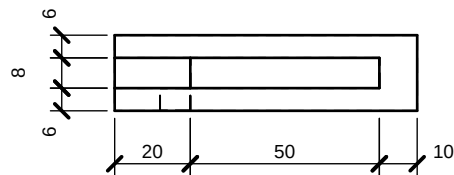
FRONT EDGE: 3 2:1



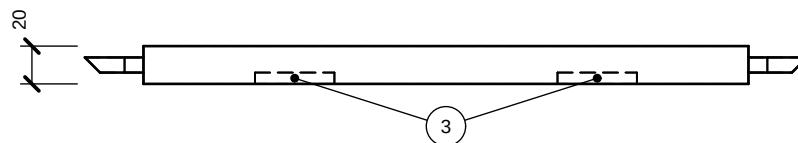
TOP FACE



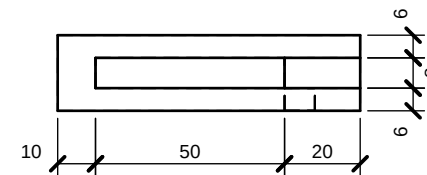
ISOMETRIC



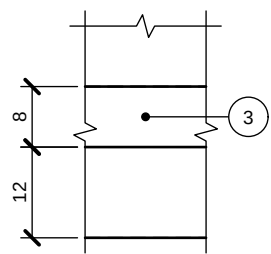
LEFT END 1:2



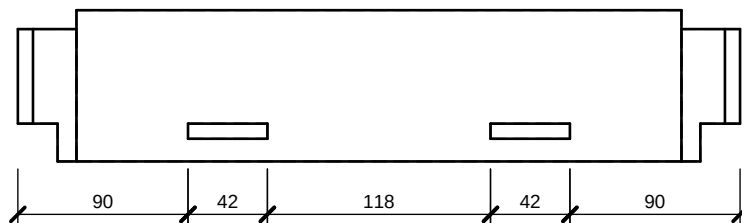
FRONT EDGE



RIGHT END 1:2



BOTTOM FACE: 3 1:1

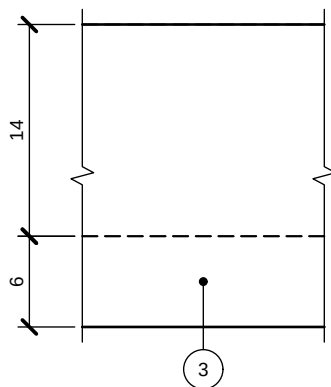


BOTTOM FACE

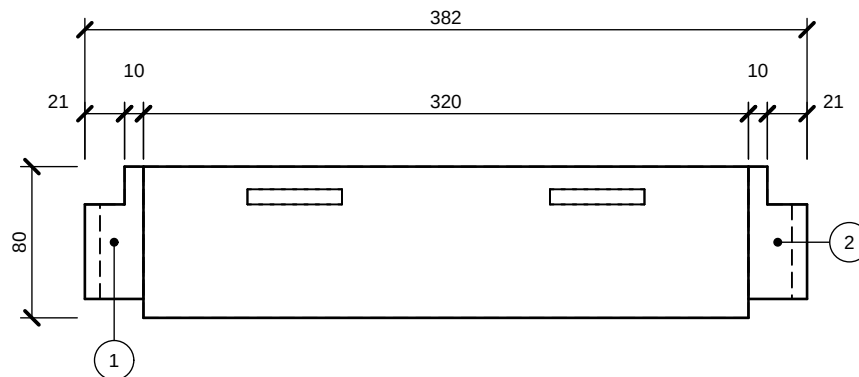
2 pieces: apron_front, apron_back

- 1 haunched tenon 50 x 8 mm, 31 long, haunch 10 long, end mitred 45 deg towards bottom_face, on left_end
- 2 haunched tenon 50 x 8 mm, 31 long, haunch 10 long, end mitred 45 deg towards bottom_face, on right_end
- 3 2 x mortise 42 x 8 mm, 6 deep, in bottom_face

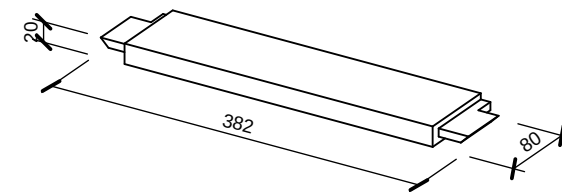
part	apron_front_back
of	side_table
make	2
cut size	382 x 80 x 20
material	oak
scale	1:4, mm



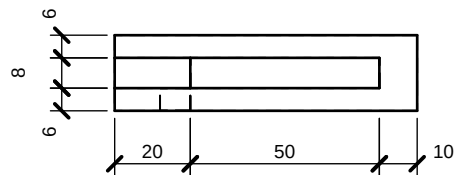
FRONT EDGE: 3 2:1



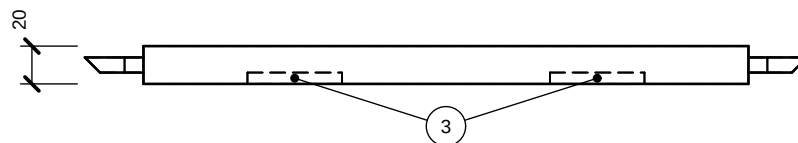
TOP FACE



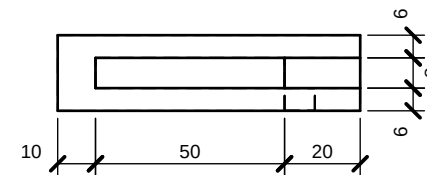
ISOMETRIC



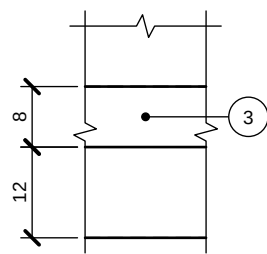
LEFT END 1:2



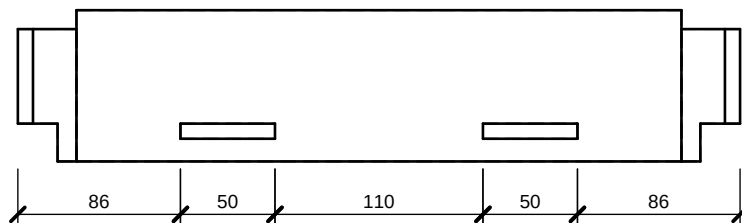
FRONT EDGE



RIGHT END 1:2



BOTTOM FACE: 3 1:1

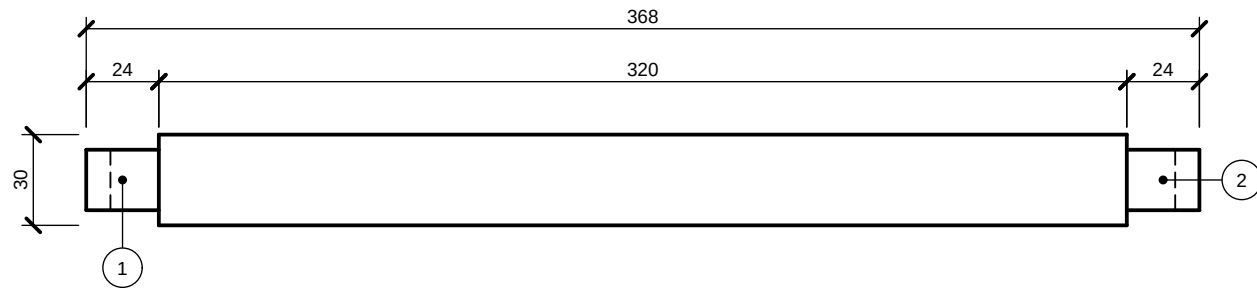


BOTTOM FACE

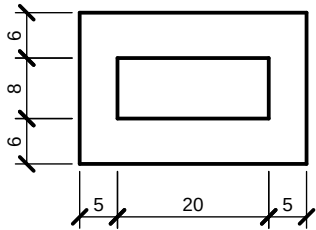
2 pieces: apron_right, apron_left

- 1 haunched tenon 50 x 8 mm, 31 long, haunch 10 long, end mitred 45 deg towards bottom_face, on left_end
- 2 haunched tenon 50 x 8 mm, 31 long, haunch 10 long, end mitred 45 deg towards bottom_face, on right_end
- 3 2 x mortise 50 x 8 mm, 6 deep, in bottom_face

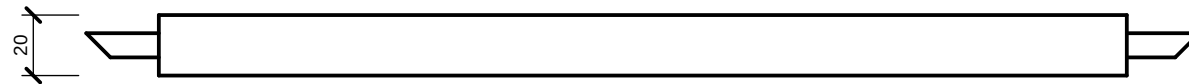
part	apron_right_left
of	side_table
make	2
cut size	382 x 80 x 20
material	oak
scale	1:4, mm



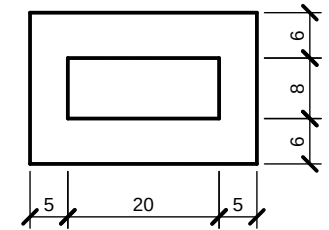
TOP FACE



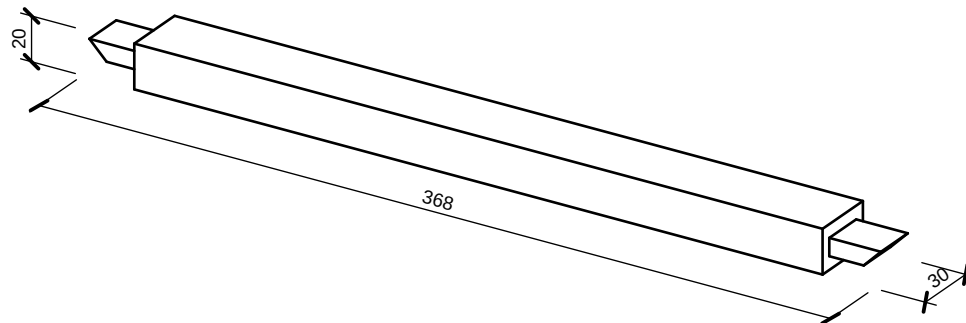
LEFT END 1:1



FRONT EDGE



RIGHT END 1:1



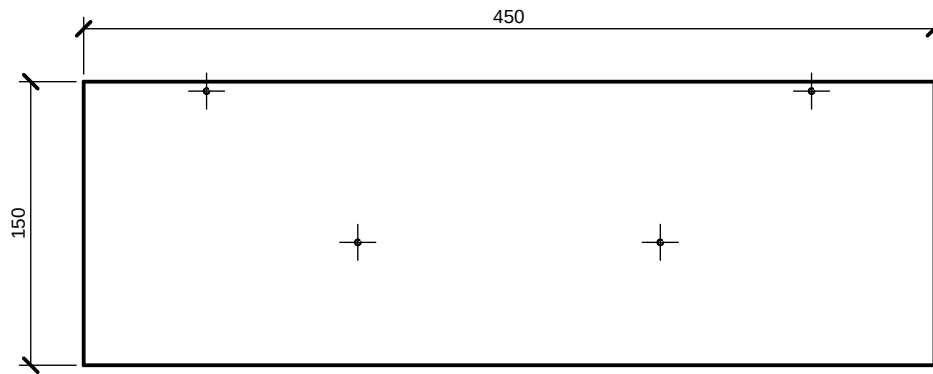
ISOMETRIC

4 pieces: stretcher_front, stretcher_right, stretcher_back, stretcher_left

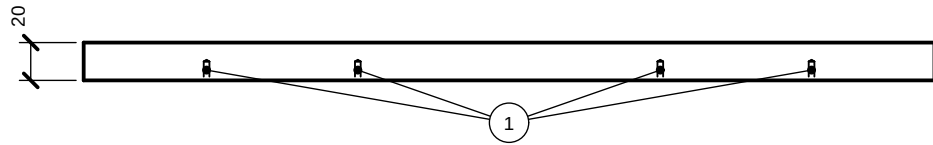
1 tenon 20 x 8 mm, 24 long, end mitred 45 deg towards bottom_face, on left_end

2 tenon 20 x 8 mm, 24 long, end mitred 45 deg towards bottom_face, on right_end

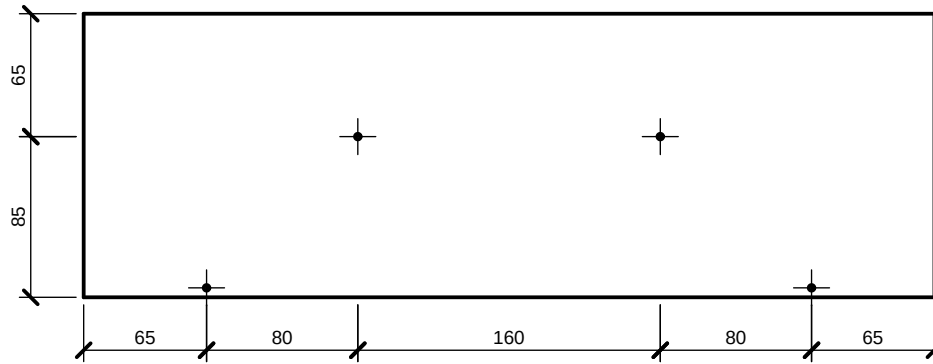
part	stretcher
of	side_table
make	4
cut size	368 x 30 x 20
material	oak
scale	1:2.5, mm



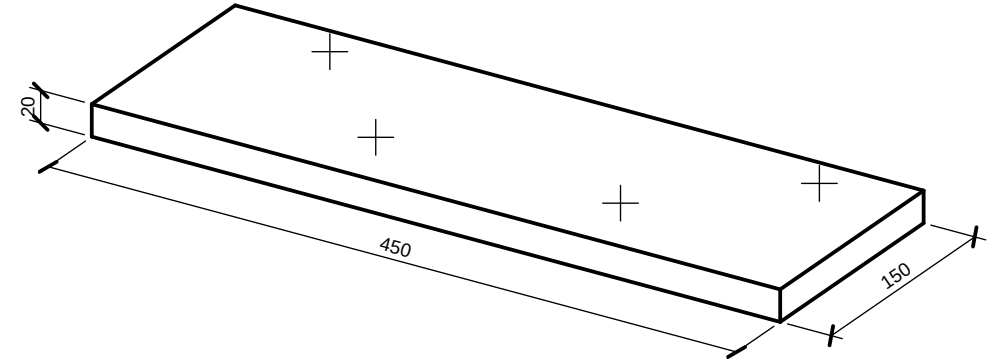
TOP FACE



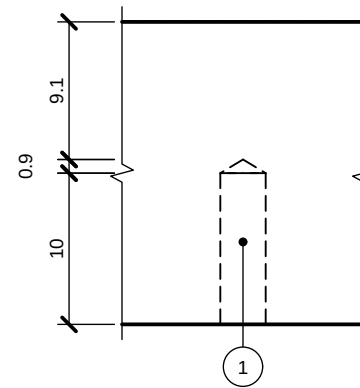
FRONT EDGE



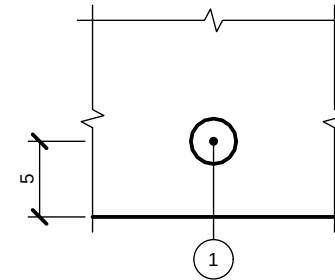
BOTTOM FACE



ISOMETRIC



FRONT EDGE: 1 2:1

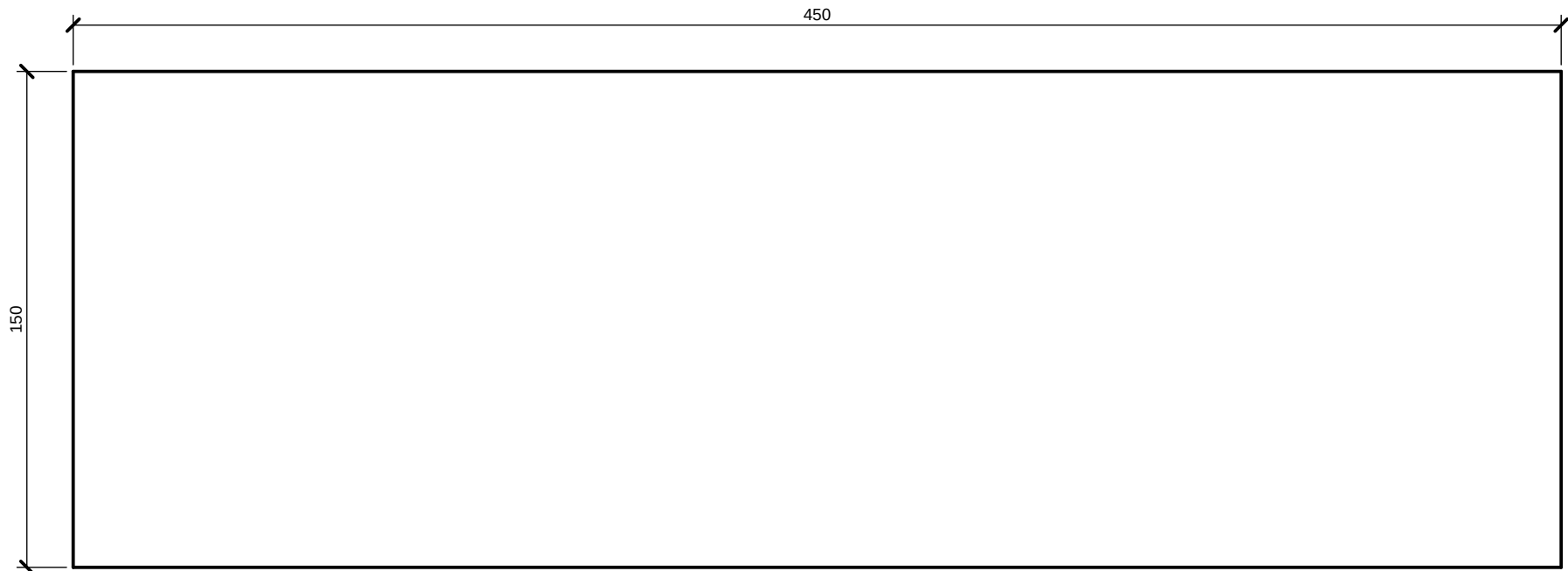


BOTTOM FACE: 1 2:1

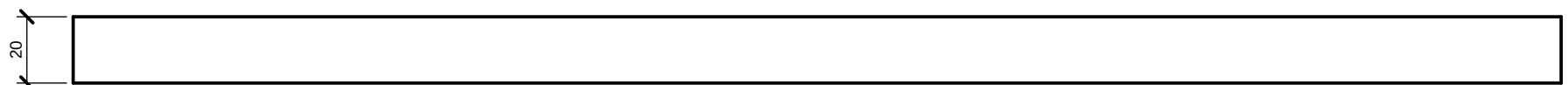
2 pieces: top_1, top_3

1 4 x pilot hole $\varnothing 3$, 10 deep, drill point 118 deg, in bottom_face, for a 4 x 30 screw

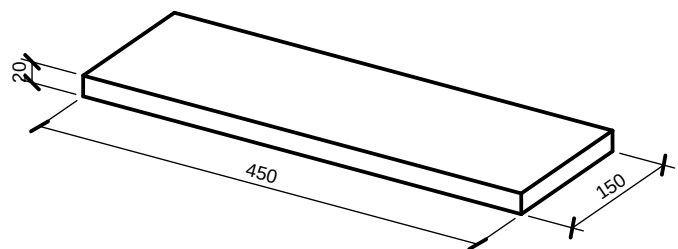
part	top
of	side_table
make	2
cut size	450 x 150 x 20
material	oak
scale	1:4, mm



TOP FACE

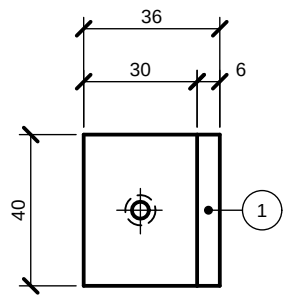


FRONT EDGE

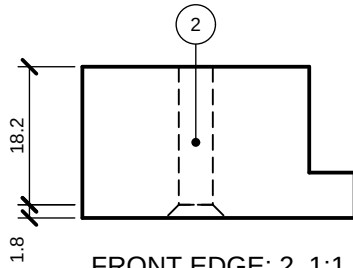


ISOMETRIC

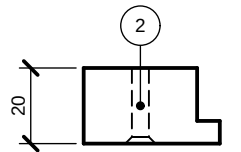
part	top_2
of	side_table
make	1
cut size	450 x 150 x 20
material	oak
scale	1:2, mm



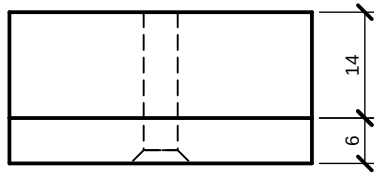
TOP FACE



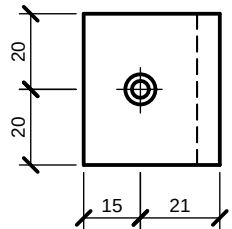
FRONT EDGE: 2 1:1



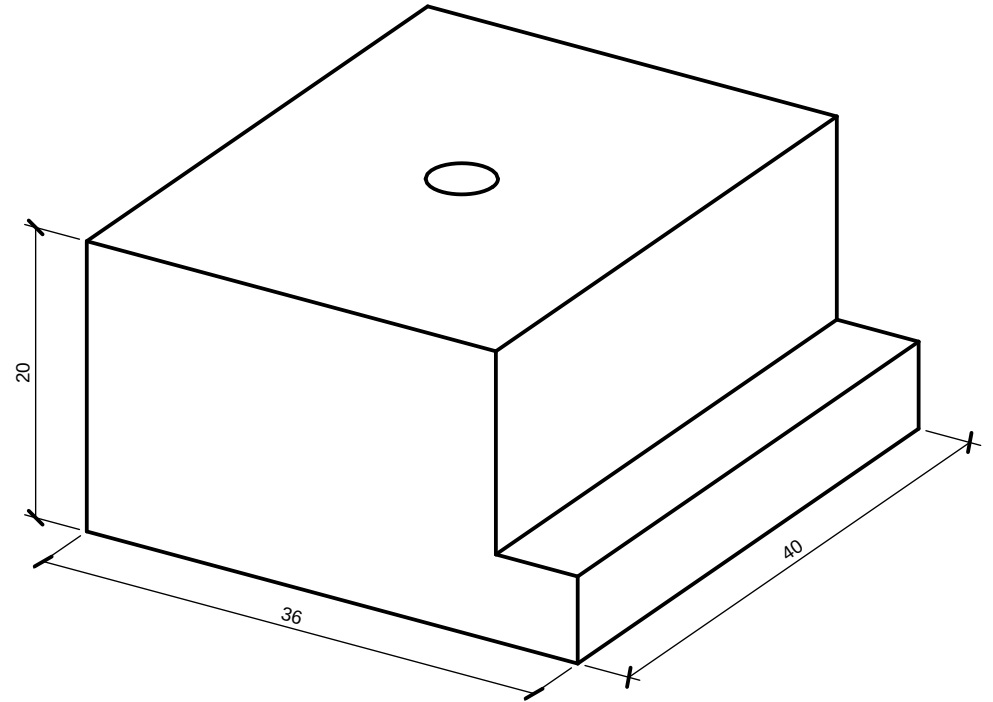
FRONT EDGE



RIGHT END 1:1



BOTTOM FACE



ISOMETRIC

8 pieces: button_front_1, button_front_2, button_right_1, button_right_2, button_back_1, button_back_2,
button_left_1, button_left_2

1 end rabbet 6 mm, 14 deep, in top_face at right_end

2 clearance hole $\varnothing 4.5$, countersunk $\varnothing 8$, 90 deg, in bottom_face, for a 4 x 30 screw

part	button
of	side_table
make	8
cut size	36 x 40 x 20
material	oak
scale	1:2, mm

Cut list

leg	530 x 40 x 40 mm oak, 4 pieces: leg_front_left, leg_front_right, leg_back_right, leg_back_left - mortise 50 x 8 mm, 33 deep, in back_edge - haunch mortise 20 x 8 mm, 10 deep, in back_edge at right_end - mortise 50 x 8 mm, 33 deep, in top_face - haunch mortise 20 x 8 mm, 10 deep, in top_face at right_end - mortise 20 x 8 mm, 26 deep, in back_edge - mortise 20 x 8 mm, 26 deep, in top_face
apron_front_back	382 x 80 x 20 mm oak, 2 pieces: apron_front, apron_back - haunched tenon 50 x 8 mm, 31 long, haunch 10 long, end mitred 45 deg towards bottom_face, on left_end - haunched tenon 50 x 8 mm, 31 long, haunch 10 long, end mitred 45 deg towards bottom_face, on right_end - 2 x mortise 42 x 8 mm, 6 deep, in bottom_face
apron_right_left	382 x 80 x 20 mm oak, 2 pieces: apron_right, apron_left - haunched tenon 50 x 8 mm, 31 long, haunch 10 long, end mitred 45 deg towards bottom_face, on left_end - haunched tenon 50 x 8 mm, 31 long, haunch 10 long, end mitred 45 deg towards bottom_face, on right_end - 2 x mortise 50 x 8 mm, 6 deep, in bottom_face
stretcher	368 x 30 x 20 mm oak, 4 pieces: stretcher_front, stretcher_right, stretcher_back, stretcher_left - tenon 20 x 8 mm, 24 long, end mitred 45 deg towards bottom_face, on left_end - tenon 20 x 8 mm, 24 long, end mitred 45 deg towards bottom_face, on right_end
top	450 x 150 x 20 mm oak, 2 pieces: top_1, top_3 - 4 x pilot hole ø3, 10 deep, drill point 118 deg, in bottom_face, 145 from left_end, 65 from front_edge; 305 from left_end, 65 from front_edge; 385 from left_end, 145 from front_edge; 65 from left_end, 145 from front_edge, for a 4 x 30 screw
top_2	450 x 150 x 20 mm oak
button	36 x 40 x 20 mm oak, 8 pieces: button_front_1, button_front_2, button_right_1, button_right_2, button_back_1, button_back_2, button_left_1, button_left_2 - end rabbet 6 mm, 14 deep, in top_face at right_end - clearance hole ø4.5, countersunk ø8, 90 deg, in bottom_face, centered, for a 4 x 30 screw

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 projects.side_table
```

projects.side_table, in woodwright/examples/projects.py

```
def side_table(
    width: float = 400,
    depth: float = 400,
    height: float = 550,
    overhang: float = 25,
    apron_width: float = 80,
    stretcher_width: float = 30,
    stretcher_height: float = 150,
    setback: float = 3,
    top_boards: int = 3,
    buttons: tuple[int, int] = (2, 2),
    leg_stock: Stock = CHAIR_LEG_STOCK,
    stock: Stock = OAK,
) -> Assembly:
    """A side table: legs, aprons and stretchers, a solid top held down by
    buttons; outside sizes.

    As in the table, the aprons' mitred tenons are set down from the tops
    of the legs, with haunches; the top, glued up from `top_boards` boards,
    overhangs the frame by `overhang` and is held by buttons in short
    mortises in the aprons, so it can move. Stretchers near the floor, all
    at the same level (their top edges at `stretcher_height`), are centered
    on the legs, with blind tenons mitred at their ends like the aprons',
    meeting inside the legs.
    """
    asm = Assembly("side_table", root_location=STANDING)
    legs, aprons = _table_frame(
        asm,
        width,
        depth,
```

```

    height - stock.thickness,
    apron_width,
    setback,
    leg_stock,
    stock,
    shoulder=(10, 20),
    haunch_length=10,
)
stretchers = _stretchers((stretcher_height, stretcher_height), stretcher_width)
_leg_rails(asm, legs, width, depth, stretchers, stock, mitred=True)
top = _glued_top(
    asm,
    aprons[0],
    "top",
    width,
    depth,
    overhang,
    overhang,
    top_boards,
    leg_stock,
    setback,
    stock,
)
_buttons(asm, aprons, buttons, stock, top, overhang)
return asm

```