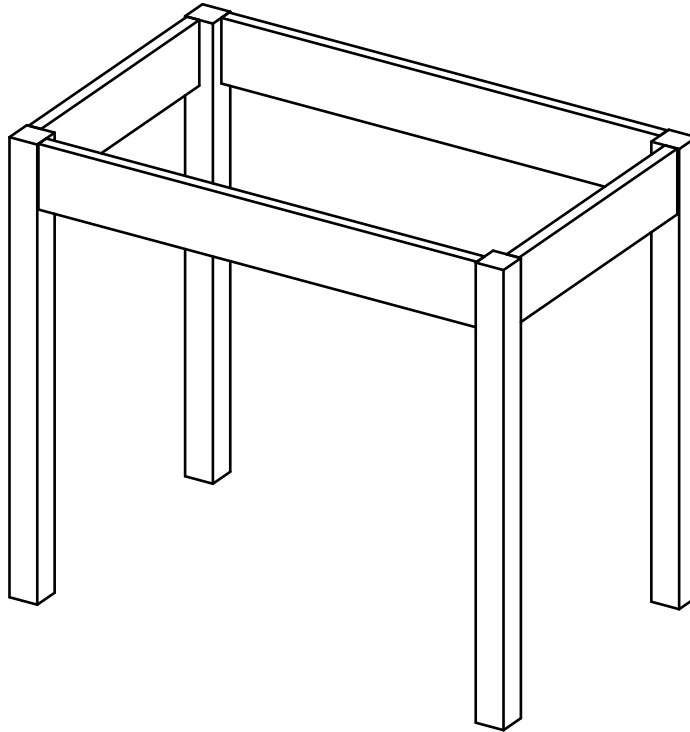


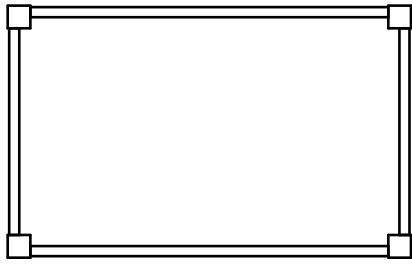
Table frame



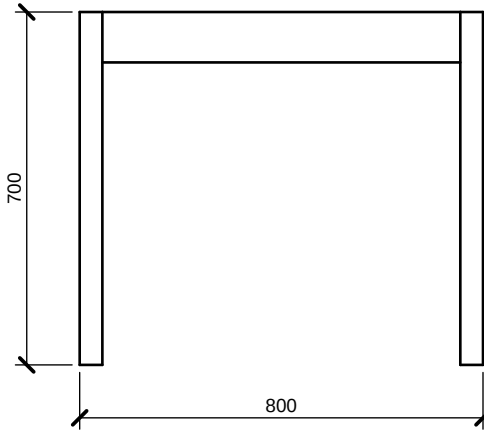
parts	8 (3 different)
overall	800 x 500 x 700 (W x D x H)
material	oak
date	2026-10-25
made with	woodwright 0.9.0

Contents

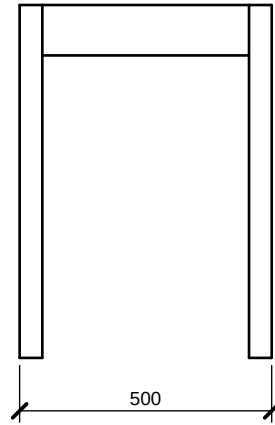
Drawings	3
Assembly	3
Parts	4
1 leg	5
2 apron_front_back	6
3 apron_right_left	7
Cut list	8
Appendix: source	9



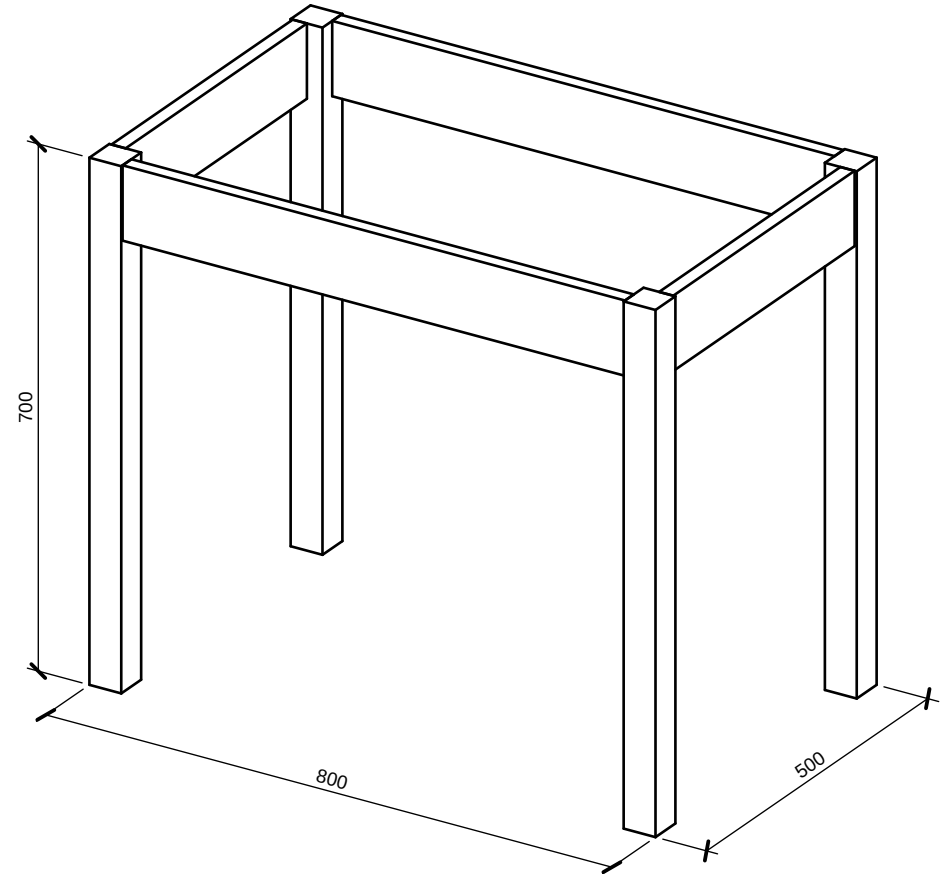
TOP



FRONT

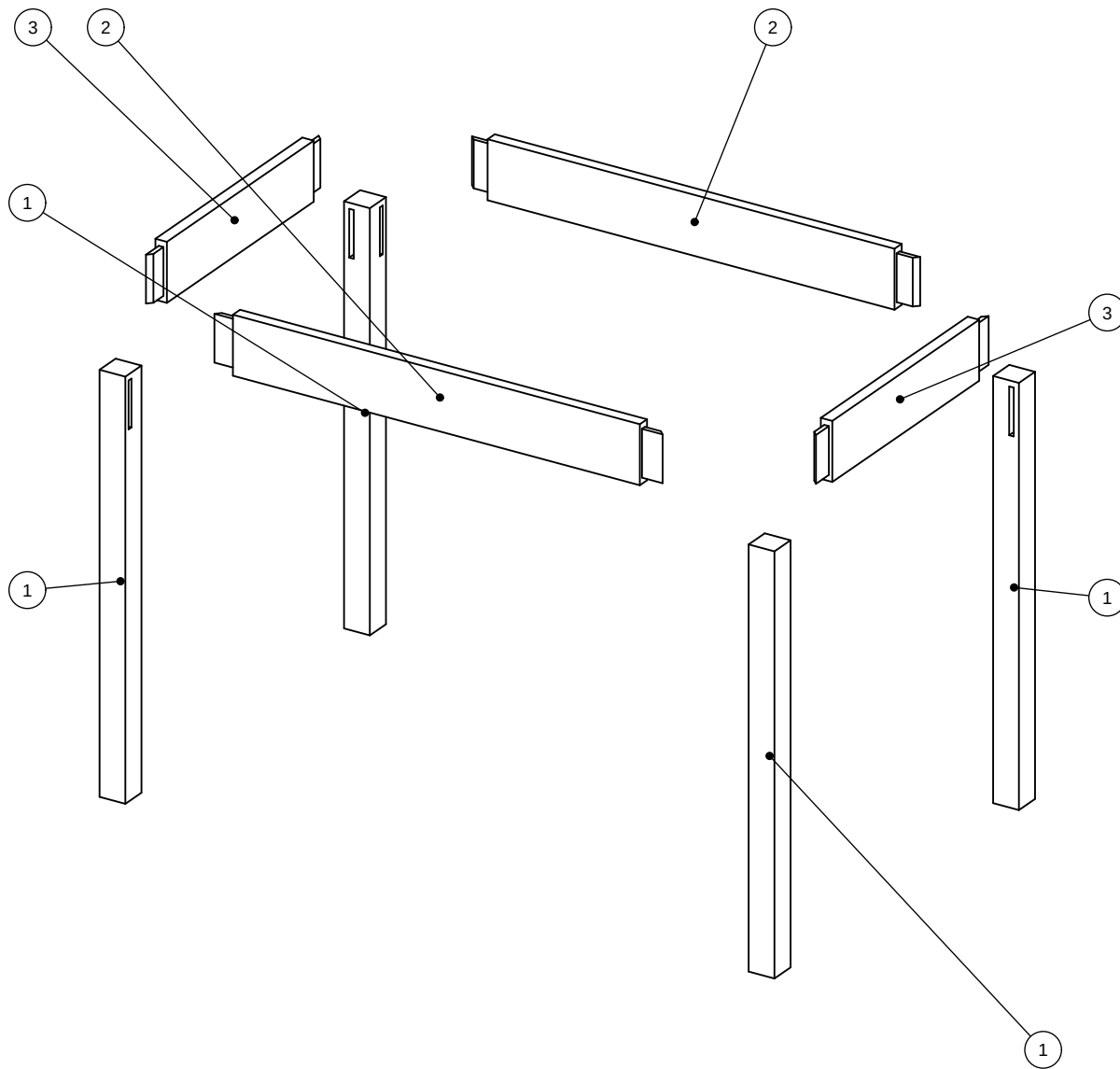


RIGHT SIDE



ISOMETRIC

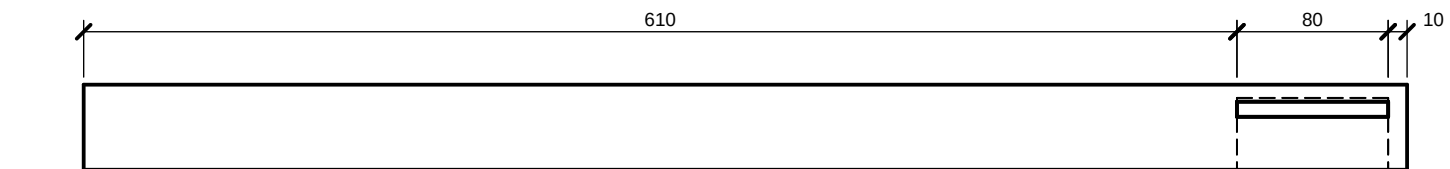
assembly	table_frame
parts	8 (3 different)
overall	800 x 500 x 700 (W x D x H)
material	oak
scale	1:15, mm



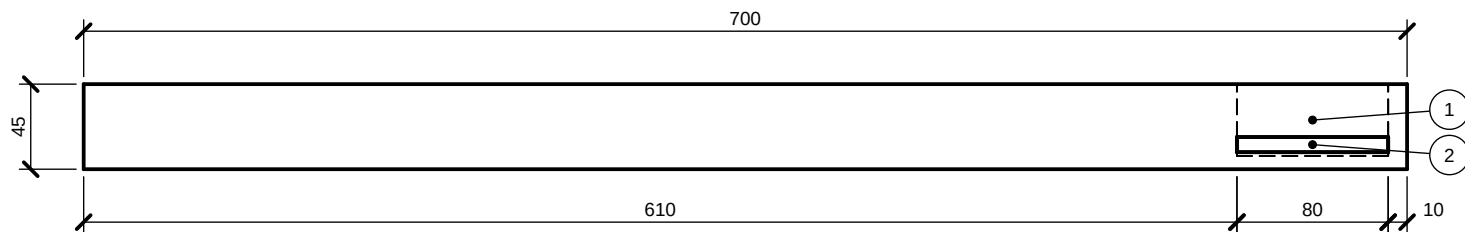
EXPLODED

no.	part	qty	cut size (L x W x T)	material
1	leg	4	700 x 45 x 45	oak
2	apron_front_back	2	782 x 100 x 20	oak
3	apron_right_left	2	482 x 100 x 20	oak

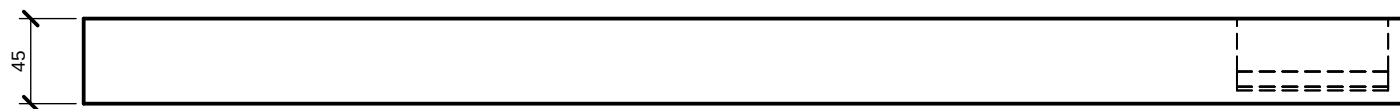
assembly	table_frame
parts	8 (3 different)
overall	800 x 500 x 700 (W x D x H)
material	oak
scale	not to scale, mm



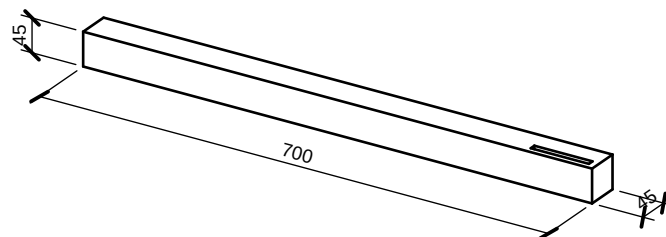
BACK EDGE



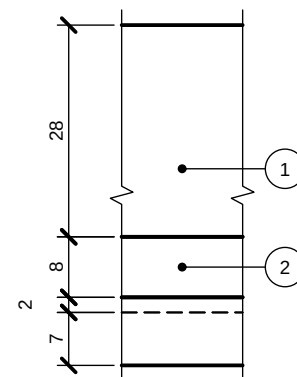
TOP FACE



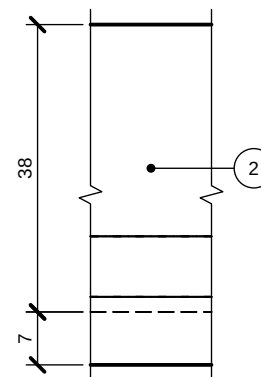
FRONT EDGE



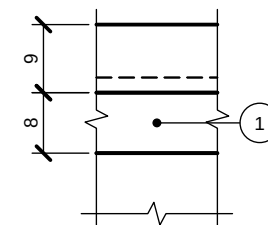
ISOMETRIC



TOP FACE: 1, 2 1:1



FRONT EDGE: 2 1:1



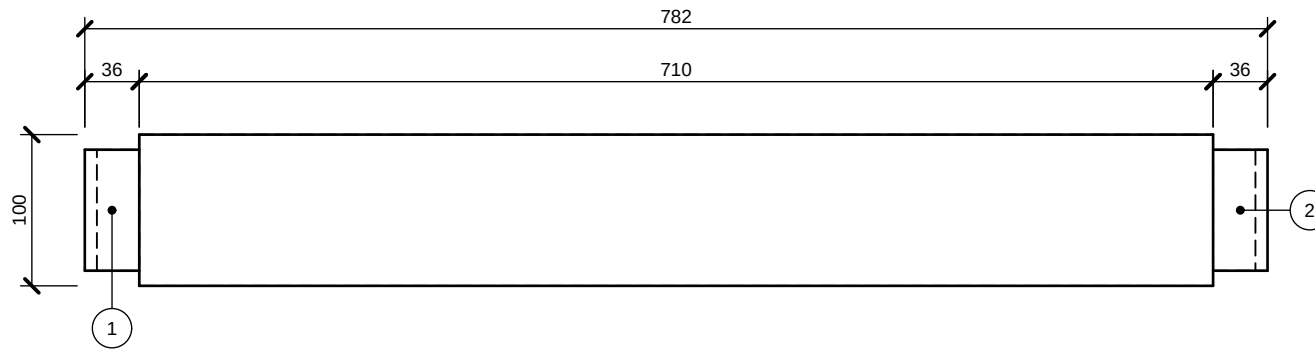
BACK EDGE: 1 1:1

4 pieces: leg_front_left, leg_front_right, leg_back_right, leg_back_left

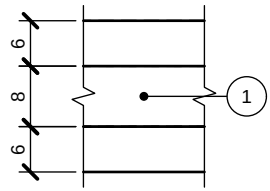
1 mortise 80 x 8 mm, 38 deep, in back_edge

2 mortise 80 x 8 mm, 38 deep, in top_face

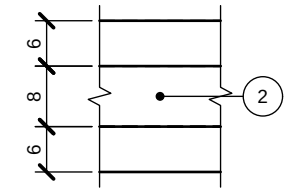
part	leg
of	table_frame
make	4
cut size	700 x 45 x 45
material	oak
scale	1:4, mm



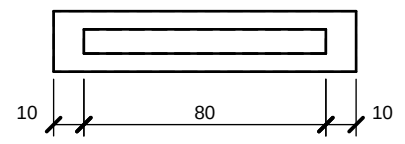
TOP FACE



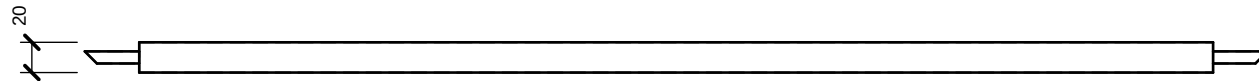
LEFT END: 1 1:1



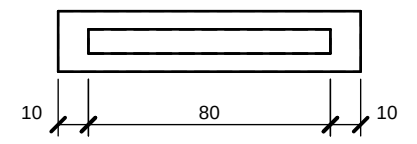
RIGHT END: 2 1:1



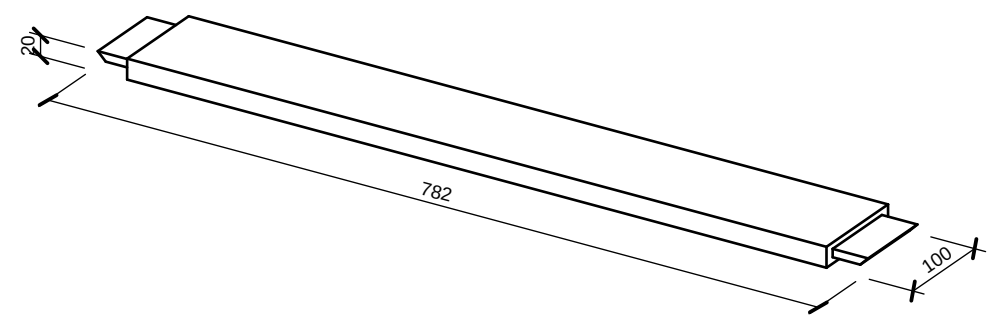
LEFT END 1:2.5



FRONT EDGE



RIGHT END 1:2.5



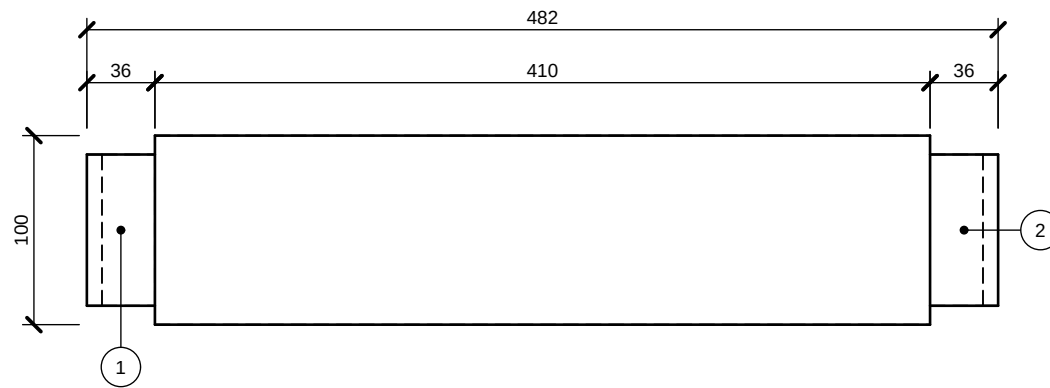
ISOMETRIC

2 pieces: apron_front, apron_back

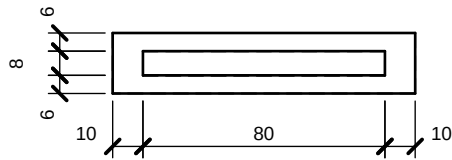
1 tenon 80 x 8 mm, 36 long, end mitred 45 deg towards bottom_face, on left_end

2 tenon 80 x 8 mm, 36 long, end mitred 45 deg towards bottom_face, on right_end

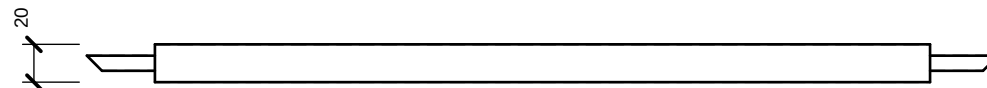
part	apron_front_back
of	table_frame
make	2
cut size	782 x 100 x 20
material	oak
scale	1:5, mm



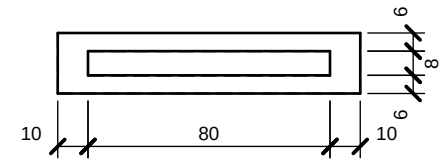
TOP FACE



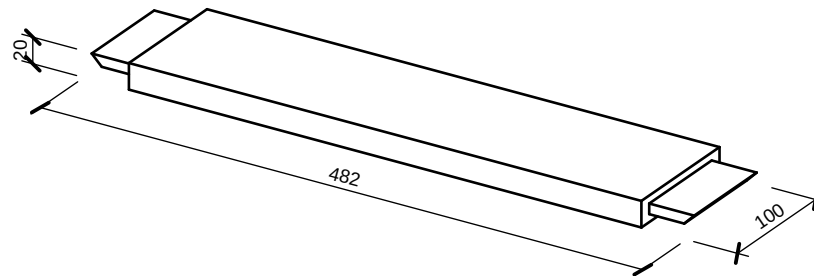
LEFT END 1:2.5



FRONT EDGE



RIGHT END 1:2.5



ISOMETRIC

2 pieces: apron_right, apron_left

1 tenon 80 x 8 mm, 36 long, end mitred 45 deg towards bottom_face, on left_end

2 tenon 80 x 8 mm, 36 long, end mitred 45 deg towards bottom_face, on right_end

part	apron_right_left
of	table_frame
make	2
cut size	482 x 100 x 20
material	oak
scale	1:4, mm

Cut list

leg	700 x 45 x 45 mm oak, 4 pieces: leg_front_left, leg_front_right, leg_back_right, leg_back_left
	- mortise 80 x 8 mm, 38 deep, in back_edge
	- mortise 80 x 8 mm, 38 deep, in top_face
apron_front_back	782 x 100 x 20 mm oak, 2 pieces: apron_front, apron_back
	- tenon 80 x 8 mm, 36 long, end mitred 45 deg towards bottom_face, on left_end
	- tenon 80 x 8 mm, 36 long, end mitred 45 deg towards bottom_face, on right_end
apron_right_left	482 x 100 x 20 mm oak, 2 pieces: apron_right, apron_left
	- tenon 80 x 8 mm, 36 long, end mitred 45 deg towards bottom_face, on left_end
	- tenon 80 x 8 mm, 36 long, end mitred 45 deg towards bottom_face, on right_end

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.table_frame
```

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

```
def table_frame(
    width: float = 800,
    depth: float = 500,
    height: float = 700,
    apron_width: float = 100,
    setback: float = 3,
    leg_stock: Stock = LEG_STOCK,
    stock: Stock = OAK,
) -> Assembly:
    """Four legs and four aprons tenoned into them, without a top; outside sizes.

    At each leg two tenons meet from adjacent sides, so they are mitred and
    meet on the leg's diagonal.
    """
    # The front left leg stands at the origin, its outside sides (bottom face,
    # front edge) to the front and to the left.
    asm = Assembly("table_frame", root_location=STANDING)
    _table_frame(asm, width, depth, height, apron_width, setback, leg_stock, stock)
    return asm
```