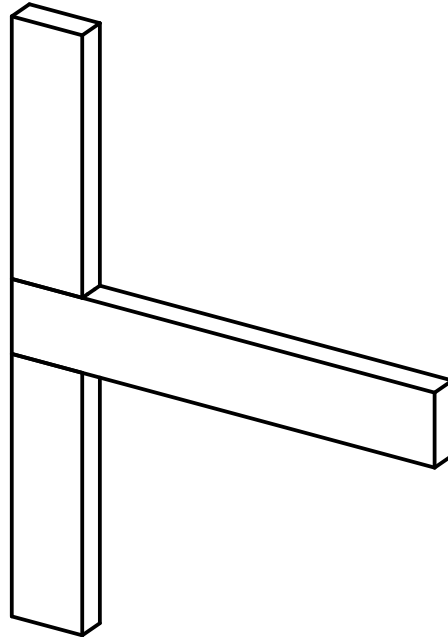


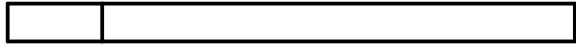
Bridle t



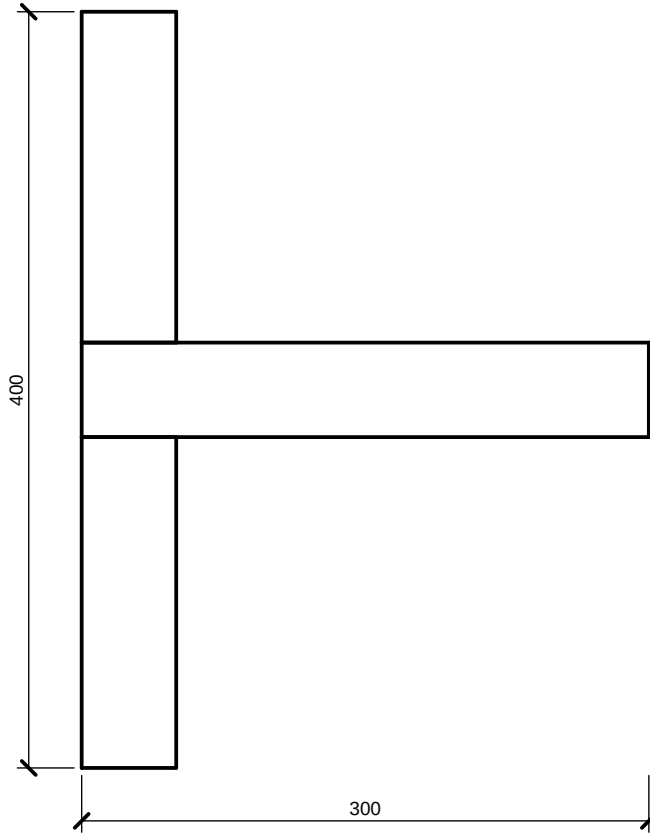
parts	2
overall	300 x 20 x 400 (W x D x H)
material	oak
date	2026-10-25
made with	woodwright 0.9.0

Contents

Drawings	3
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1 stile	5
2 rail	6
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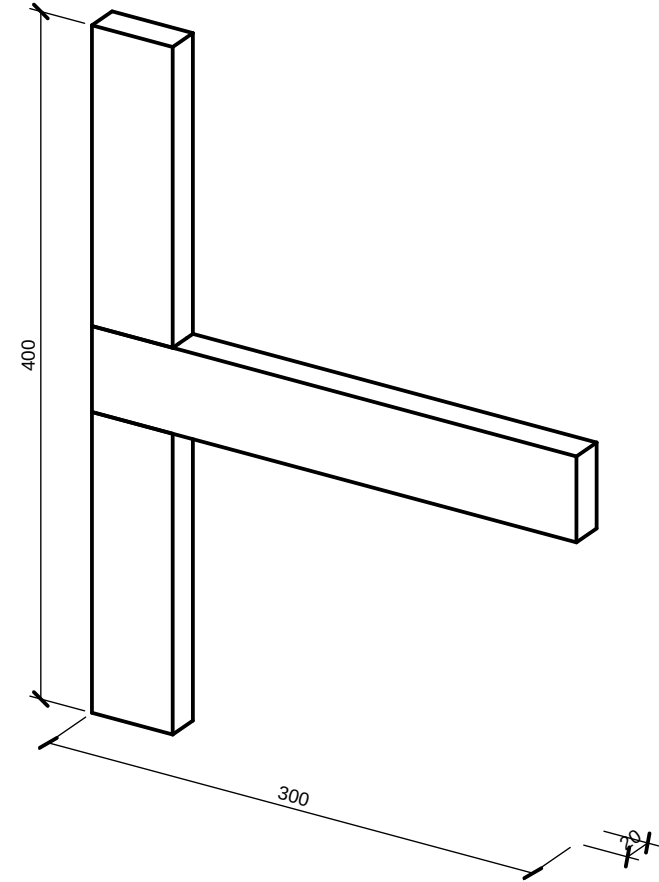
TOP



FRONT

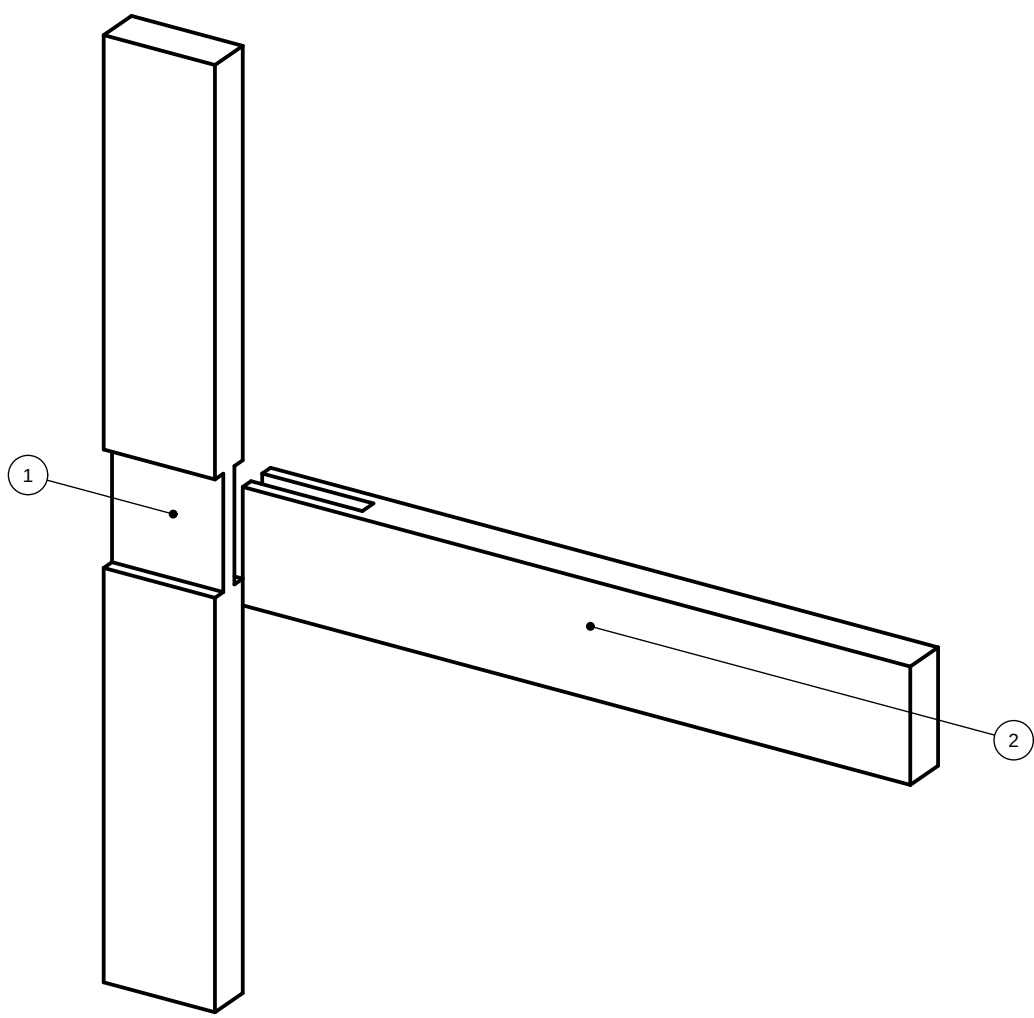


RIGHT SIDE



ISOMETRIC

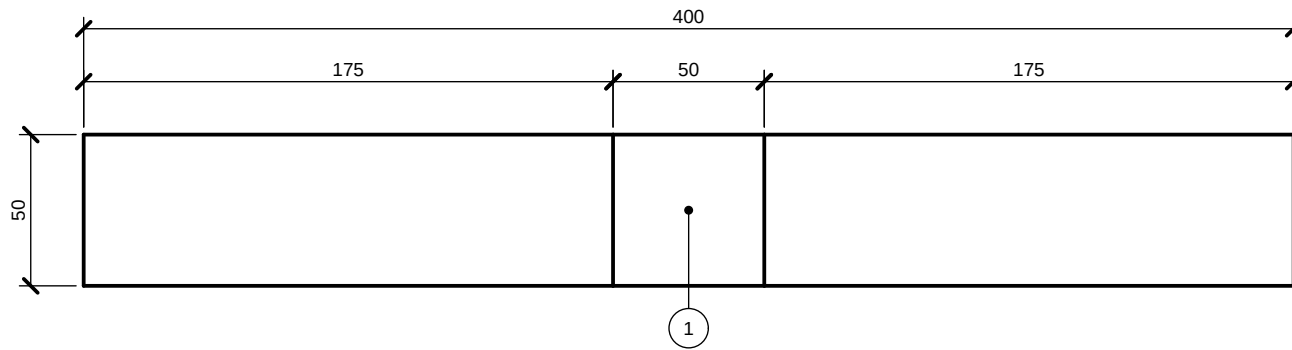
assembly	bridle_t
parts	2
overall	300 x 20 x 400 (W x D x H)
material	oak
scale	1:4, mm



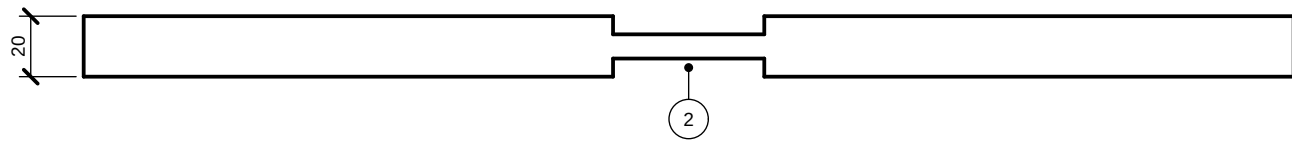
no.	part	qty	cut size (L x W x T)	material
1	stile	1	400 x 50 x 20	oak
2	rail	1	300 x 50 x 20	oak

EXPLODED

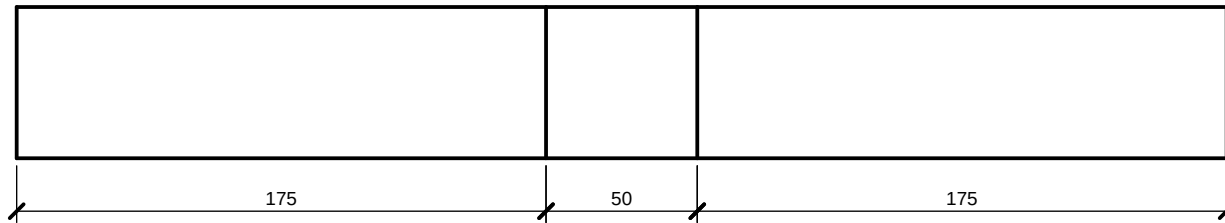
assembly	bridle_t
parts	2
overall	300 x 20 x 400 (W x D x H)
material	oak
scale	not to scale, mm



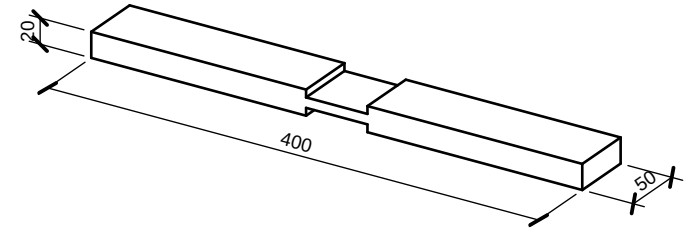
TOP FACE



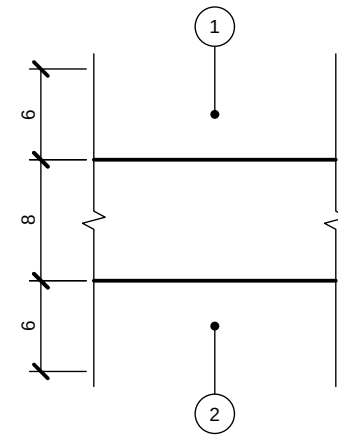
FRONT EDGE



BOTTOM FACE



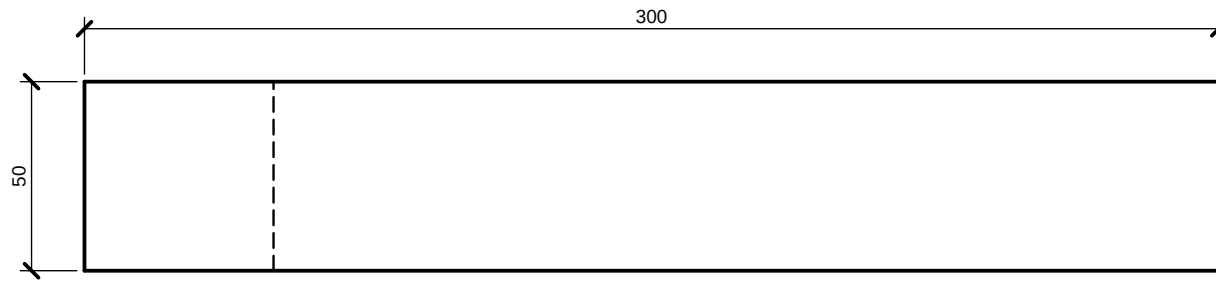
ISOMETRIC



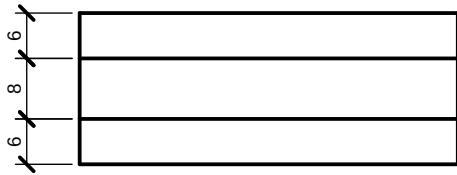
FRONT EDGE: 1, 2 2:1

- 1 dado 50 mm, 6 deep, in top_face
- 2 dado 50 mm, 6 deep, in bottom_face

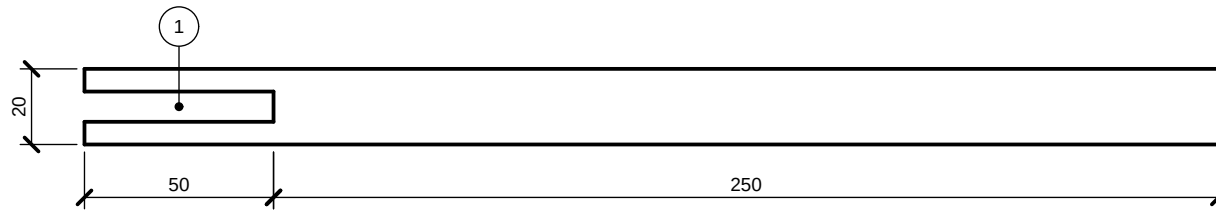
part	stile
of	bridle_t
make	1
cut size	400 x 50 x 20
material	oak
scale	1:2.5, mm



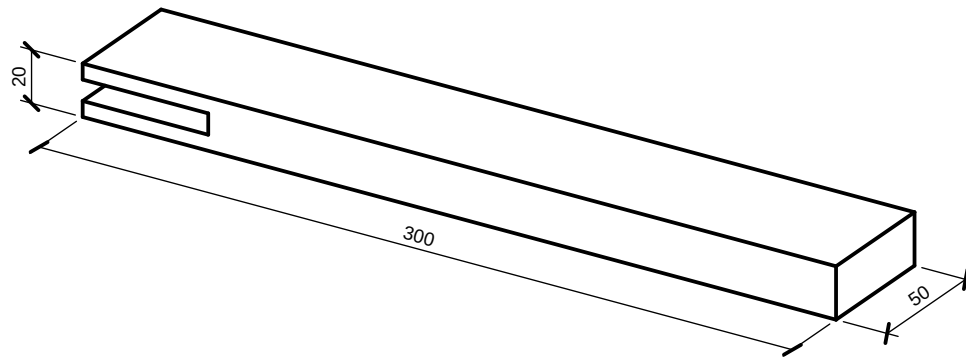
TOP FACE



LEFT END 1:1



FRONT EDGE



ISOMETRIC

1 slot mortise 8 mm, 50 deep, in left_end

part	rail
of	bridle_t
make	1
cut size	300 x 50 x 20
material	oak
scale	1:2, mm

Cut list

stile 400 x 50 x 20 mm oak
- dado 50 mm, 6 deep, in top_face
- dado 50 mm, 6 deep, in bottom_face
rail 300 x 50 x 20 mm oak
- slot mortise 8 mm, 50 deep, in left_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 joints.bridle_t
```

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

```
def bridle_t(
    stile_length: float = 400,
    rail_length: float = 300,
    width: float = 50,
    stock: Stock = OAK,
) -> Assembly:
    """A T-shaped bridle: a slot in the end of the rail straddles the stile,
    which is cut down to a tongue by a dado across each face.

    The rail's length is overall, to the far edge of the stile.
    """
    asm = Assembly("bridle_t", root_location=STANDING)
    stile = asm.add(Board("stile", stock, length=stile_length, width=width))
    rail = asm.add(Board("rail", stock, length=rail_length, width=width))
    asm.join(TeeBridle(slot=rail.left_end, edge=stile.back_edge))
    return asm
```