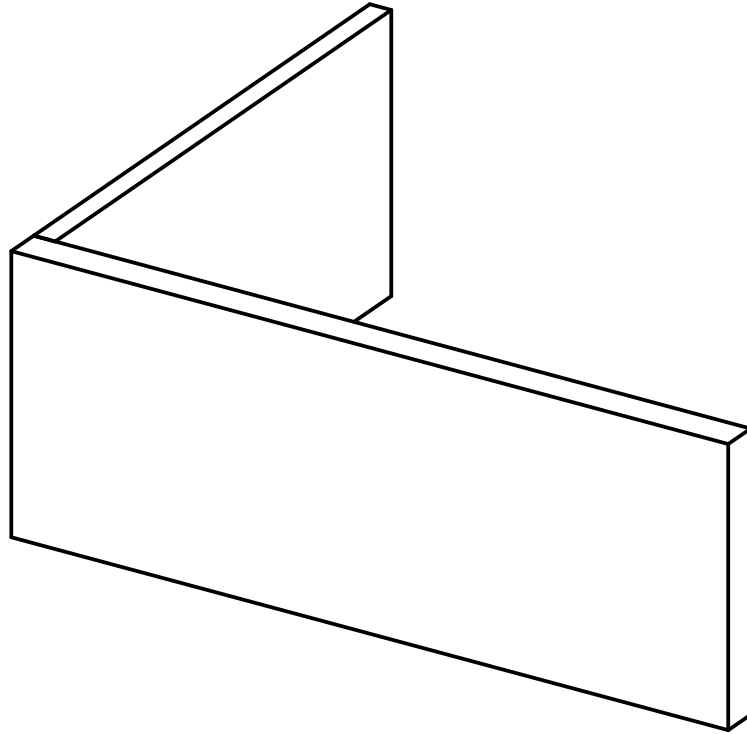


Half blind dovetail corner



parts	2
overall	400 x 320 x 150 (W x D x H)
material	oak
date	2026-10-25
made with	woodwright 0.9.0

Contents

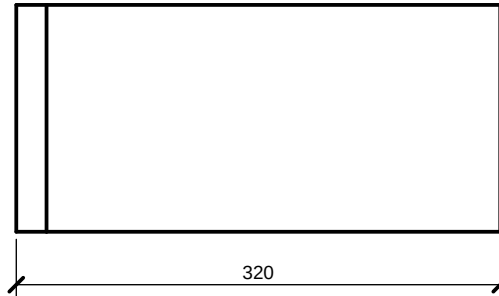
Drawings	3
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2 side	6
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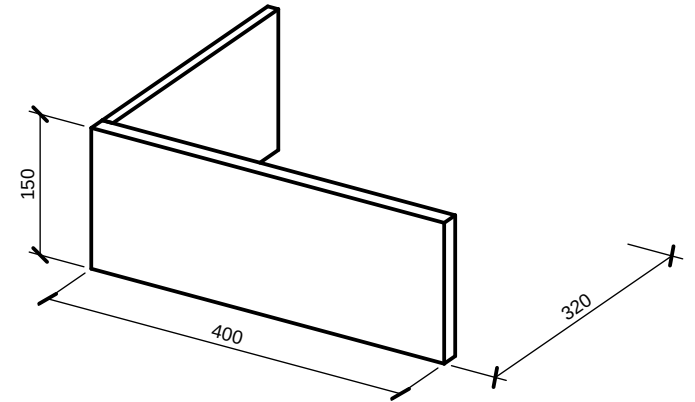
TOP



FRONT

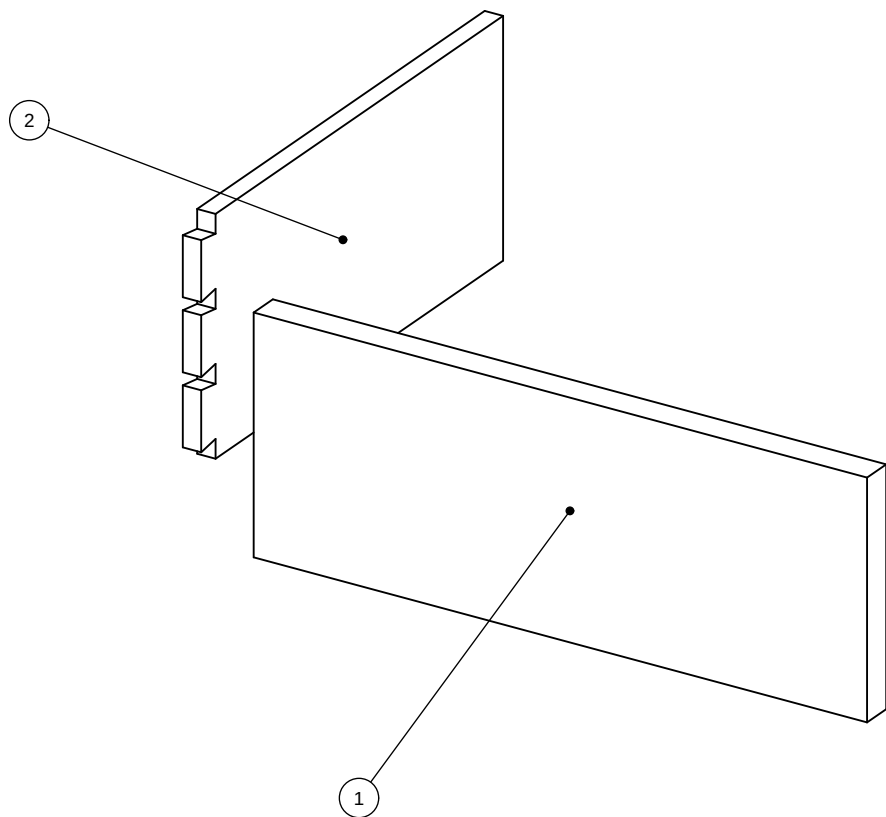


RIGHT SIDE



ISOMETRIC

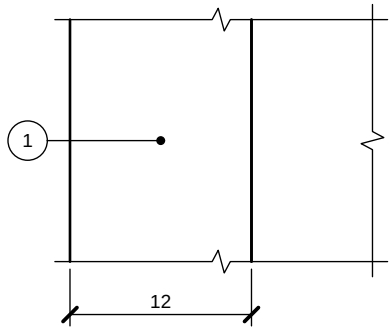
assembly	half_blind_dovetail_corner
parts	2
overall	400 x 320 x 150 (W x D x H)
material	oak
scale	1:5, mm



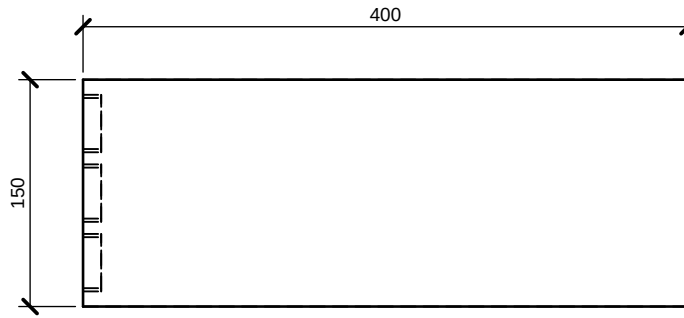
EXPLODED

no.	part	qty	cut size (L x W x T)	material
1	front	1	400 x 150 x 20	oak
2	side	1	315 x 150 x 12	oak

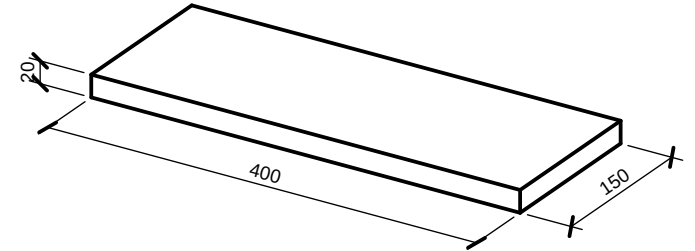
assembly	half_blind_dovetail_corner
parts	2
overall	400 x 320 x 150 (W x D x H)
material	oak
scale	not to scale, mm



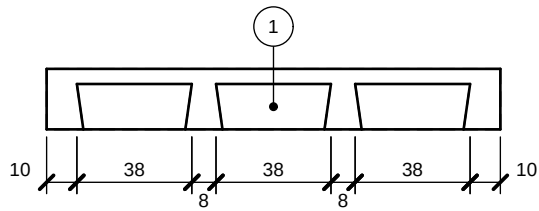
BOTTOM FACE: 1 2:1



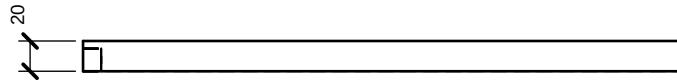
TOP FACE



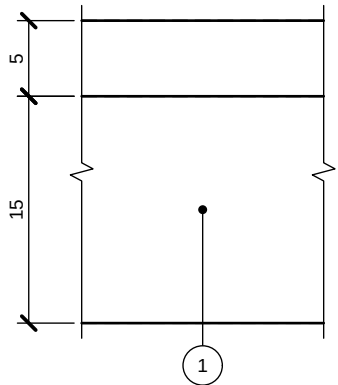
ISOMETRIC



LEFT END 1:2.5



FRONT EDGE



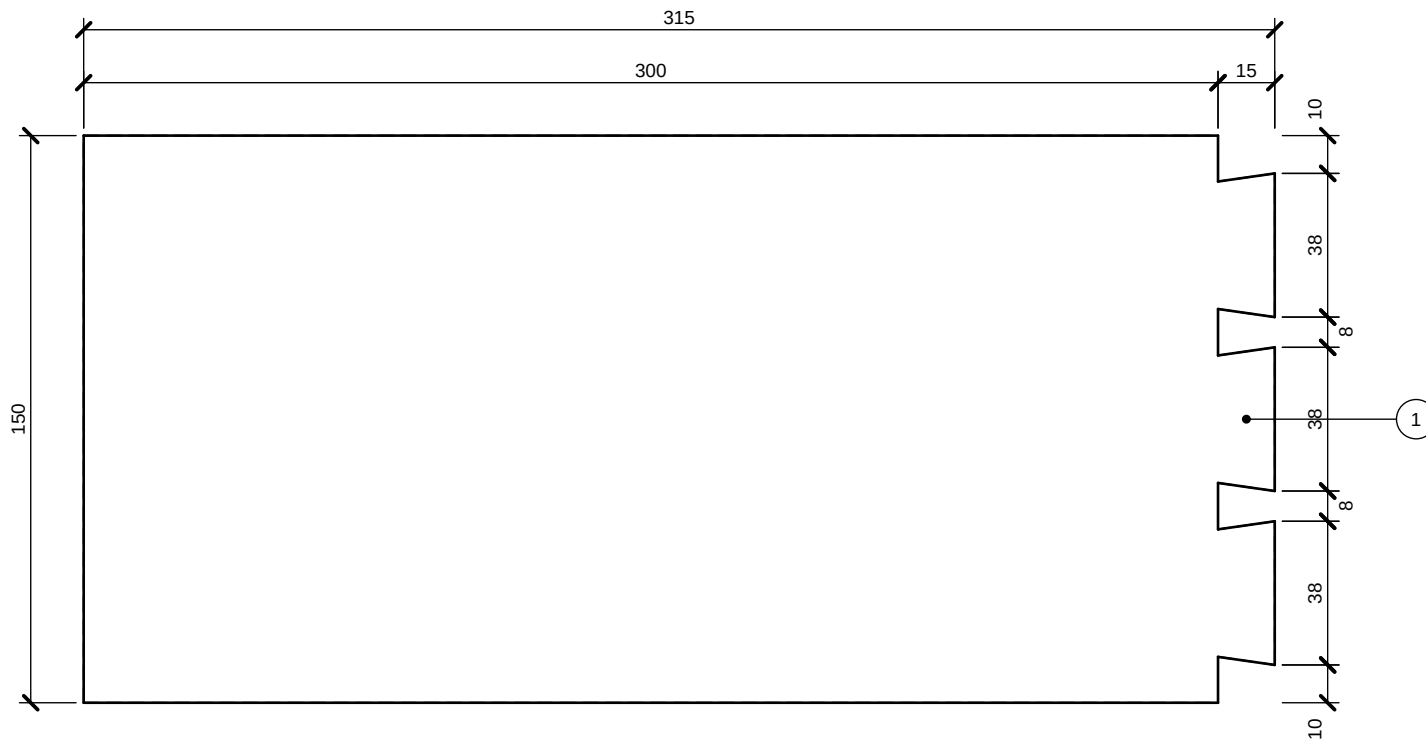
LEFT END: 1 2:1



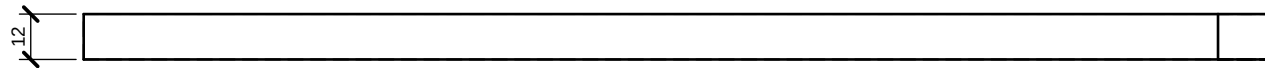
BOTTOM FACE

1 sockets for 3 half-blind dovetails, 15 deep, lap 5

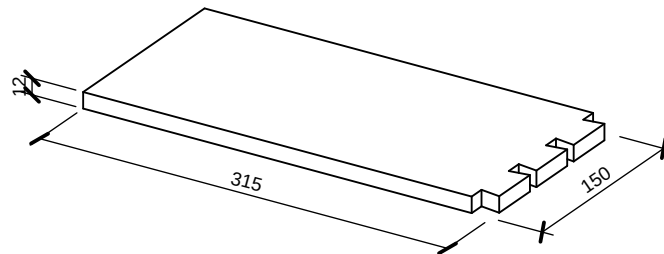
part	front
of	half_blind_dovetail_corner
make	1
cut size	400 x 150 x 20
material	oak
scale	1:5, mm



TOP FACE



FRONT EDGE



ISOMETRIC

1 3 half-blind dovetails, 15 long, slope 1:7

part	side
of	half_blind_dovetail_corner
make	1
cut size	315 x 150 x 12
material	oak
scale	1:2, mm

Cut list

front 400 x 150 x 20 mm oak
- sockets for 3 half-blind dovetails, 15 deep, lap 5
side 315 x 150 x 12 mm oak
- 3 half-blind dovetails, 15 long, slope 1:7

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.half_blind_dovetail_corner
```

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

```
def half_blind_dovetail_corner(
    front_length: float = 400,
    side_length: float = 300,
    height: float = 150,
    tail_count: int = 3,
    stock: Stock = OAK,
    side_stock: Stock = SIDE_OAK,
) -> Assembly:
    """The front corner of a drawer: half-blind dovetails, the tails hidden behind a lap.

    The front's length is overall, the side's from the inside of the front.
    """
    asm = Assembly("half_blind_dovetail_corner", root_location=BOX_FRONT)
    t = side_stock.thickness
    front = asm.add(Board("front", stock, length=front_length - t, width=height))
    side = asm.add(Board("side", side_stock, length=side_length, width=height))
    asm.join(HalfBlindDovetail(tails=side.right_end, pins=front.left_end, tail_count=tail_count))
    return asm
```