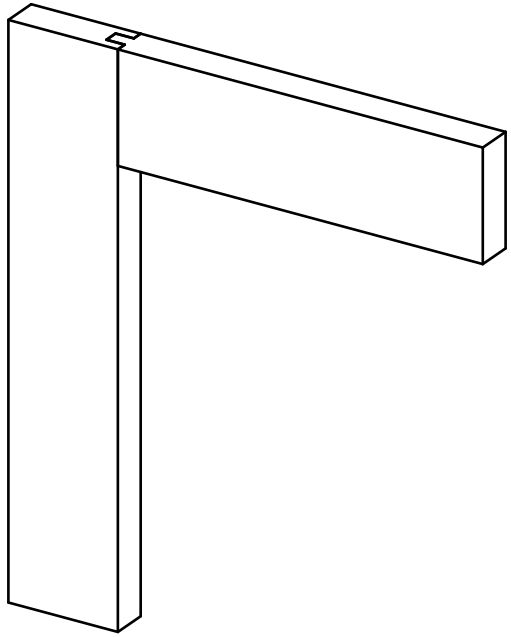
Haunched stub tenon corner



parts	2
overall	260 x 20 x 300 (W x D x H)
material	oak
date	2026-10-25
made with	woodwright 0.9.0

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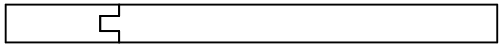
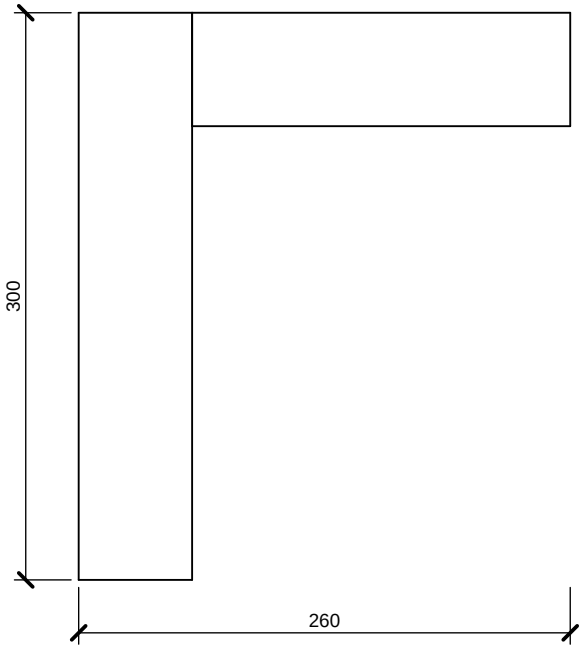
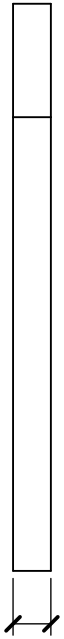


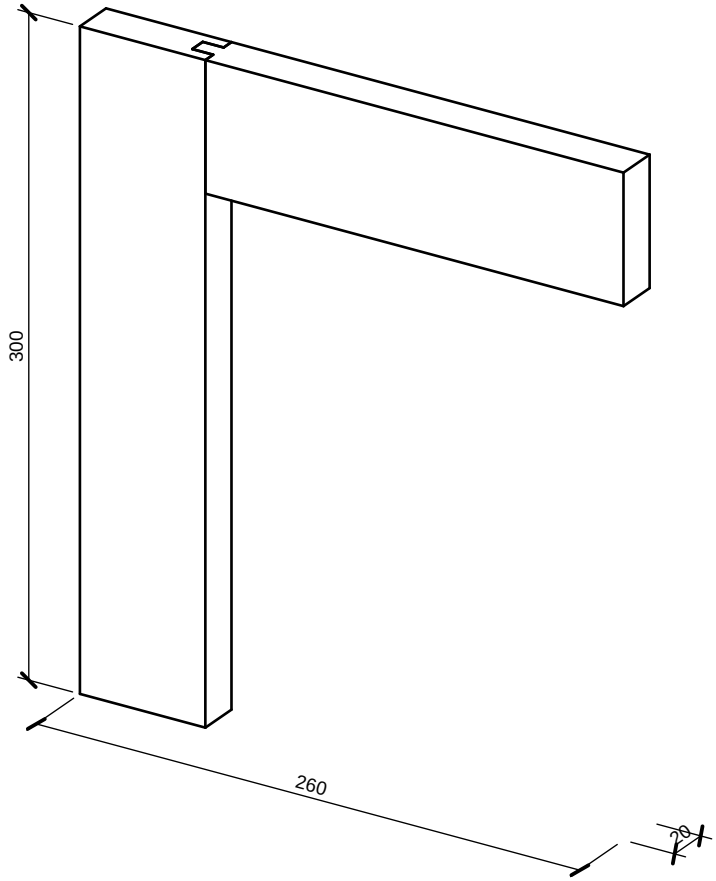
TOP



FRONT

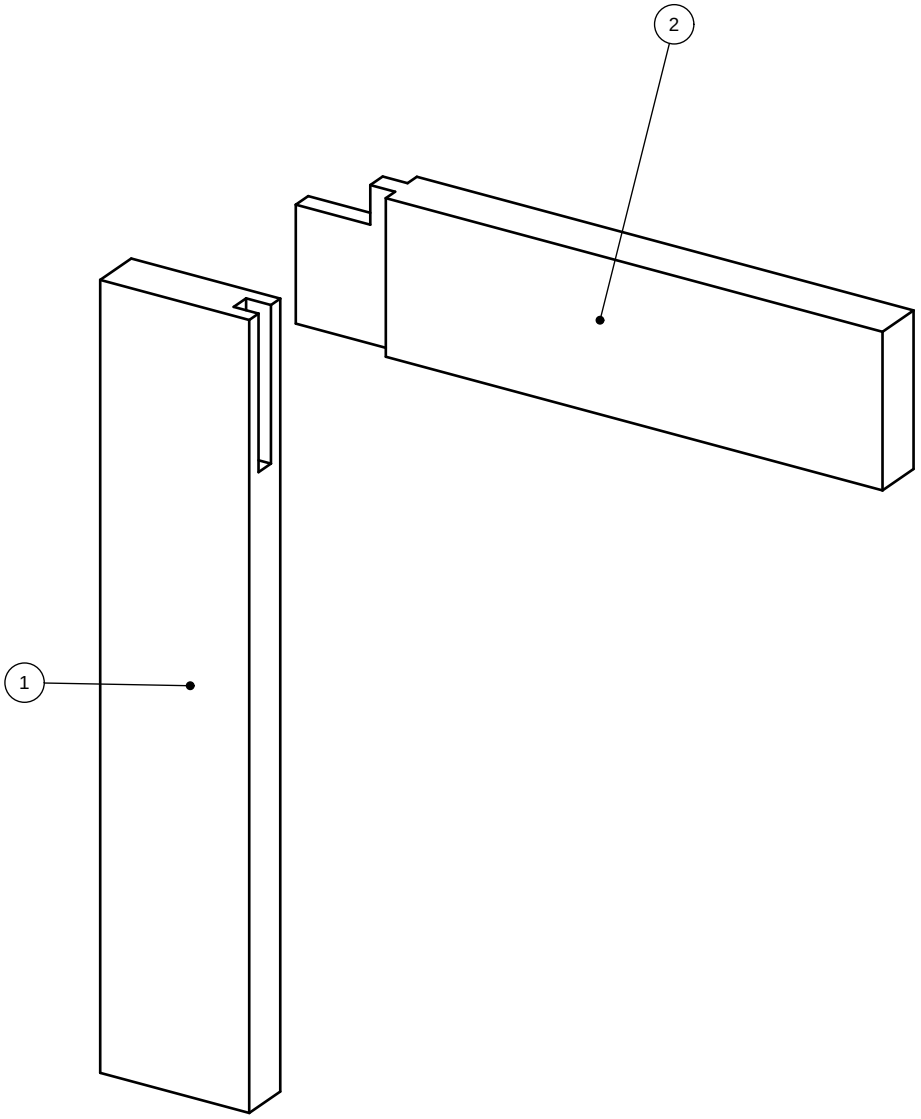


RIGHT SIDE



ISOMETRIC

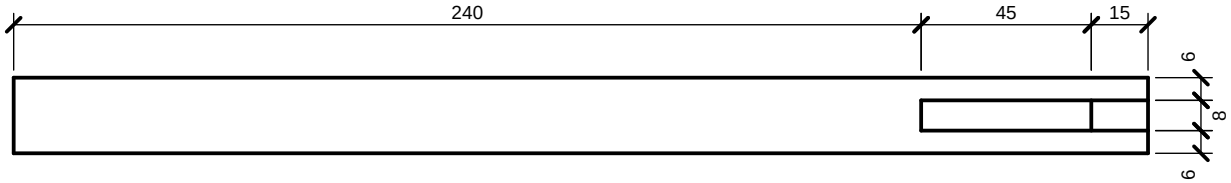
assembly	**haunched_stub_tenon_corner**
parts	2
overall	260 x 20 x 300 (W x D x H)
material	oak
scale	1:4, mm



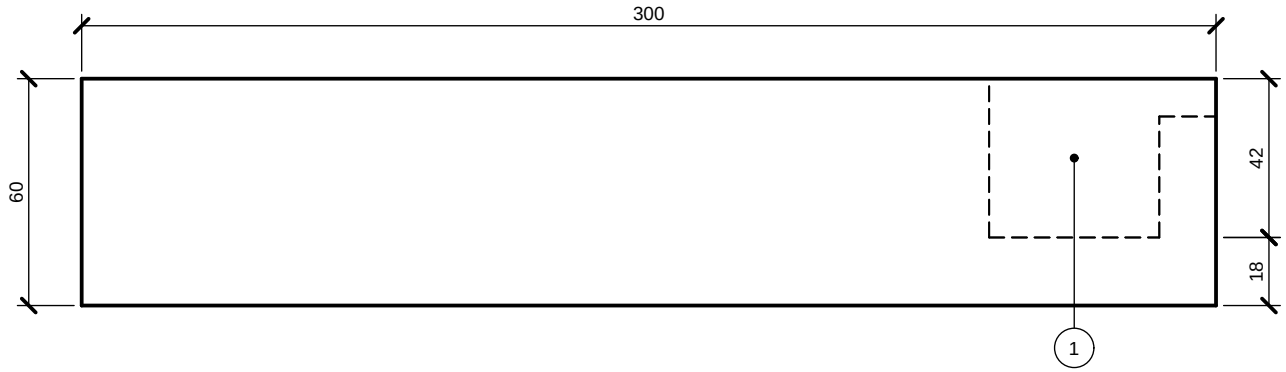
EXPLODED

no.	part	qty	cut size (L x W x T)	material
1	stile	1	300 x 60 x 20	oak
2	rail	1	240 x 60 x 20	oak

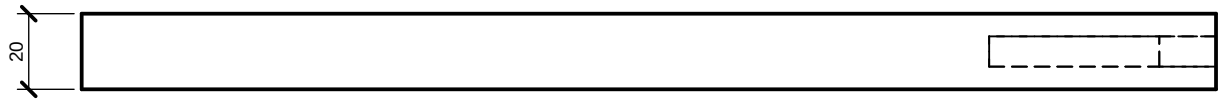
assembly	**haunched_stub_tenon_corner**
parts	2
overall	260 x 20 x 300 (W x D x H)
material	oak
scale	not to scale, mm



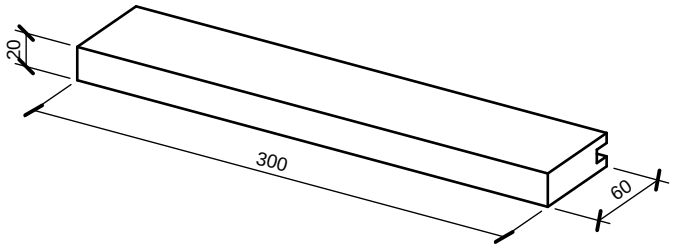
BACK EDGE



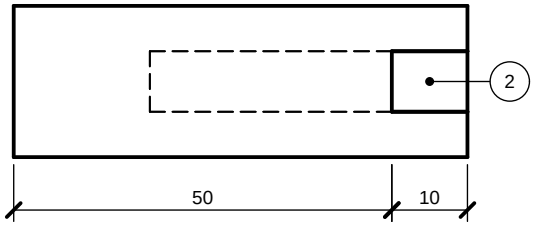
TOP FACE



FRONT EDGE



ISOMETRIC

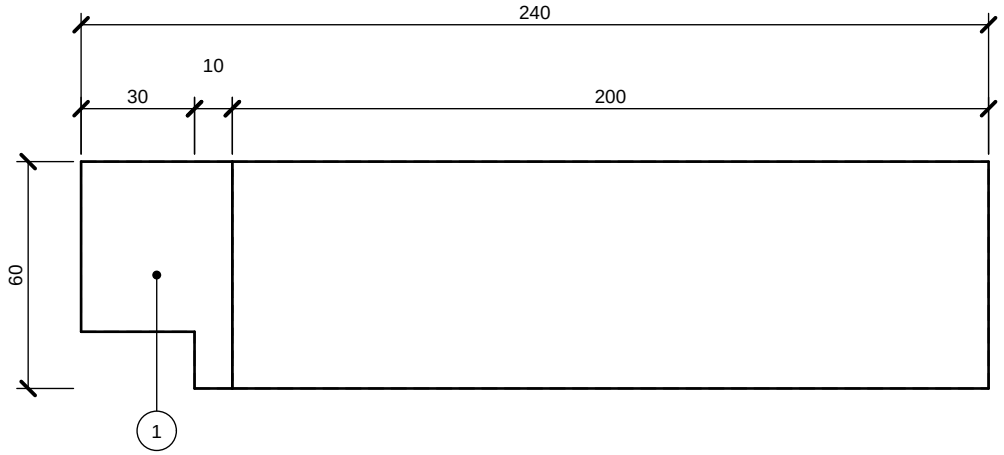


RIGHT END 1:1

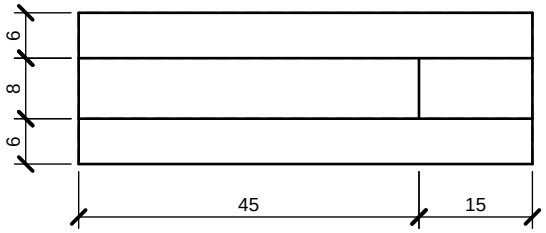
part	**stile**
of	haunched_stub_tenon_corner
make	1
cut size	300 x 60 x 20
material	oak
scale	1:2, mm

1 mortise 45 x 8 mm, 42 deep, in back_edge

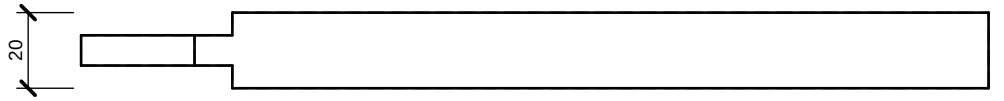
2 haunch mortise 15 x 8 mm, 10 deep, in back_edge at right_end



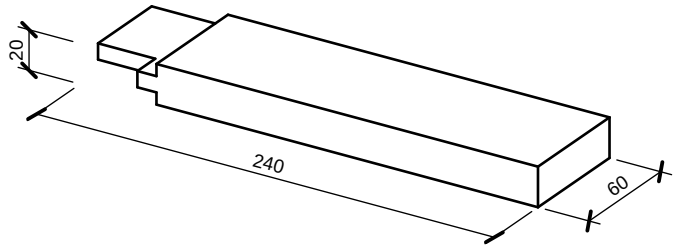
TOP FACE



LEFT END 1:1



FRONT EDGE



ISOMETRIC

part	**rail**
of	haunched_stub_tenon_corner
make	1
cut size	240 x 60 x 20
material	oak
scale	1:2, mm

1 haunched tenon 45 x 8 mm, 40 long, haunch 10 long, on left_end

Cut list

```
stile  300 x 60 x 20 mm  oak
       - mortise 45 x 8 mm, 42 deep, in back_edge
       - haunch mortise 15 x 8 mm, 10 deep, in back_edge at right_end
rail   240 x 60 x 20 mm  oak
       - haunched tenon 45 x 8 mm, 40 long, haunch 10 long, on 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.haunched_stub_tenon_corner
```

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

```
def haunched_stub_tenon_corner(
    stile_length: float = 300,
    rail_length: float = 200,
    width: float = 60,
    tenon_length: float = 40,
    outer_shoulder: float = 15,
    haunch_length: float = 10,
    stock: Stock = OAK,
) -> Assembly:
    """A frame corner with a haunched stub tenon: a haunch on the outer edge, no inner shoulder.

    As `stub_tenon_corner`, the tenon is flush with the rail's inner edge;
    as `haunched_mortise_tenon_corner`, the outer shoulder is filled by a
    haunch in a haunch mortise running out of the end of the stile.
    """
    return _corner_tenon(
        "haunched_stub_tenon_corner",
        stile_length,
        rail_length,
        width,
        tenon_length,
        outer_shoulder=outer_shoulder,
        inner_shoulder=0,
        haunch_length=haunch_length,
        stock=stock,
    )
```