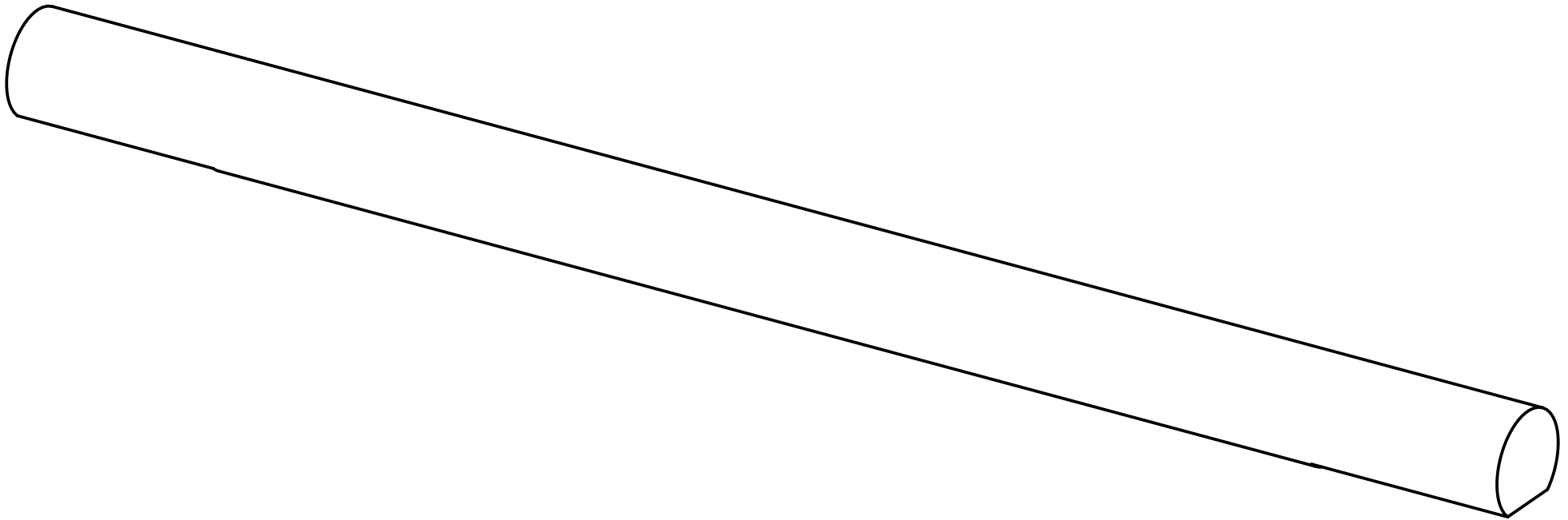


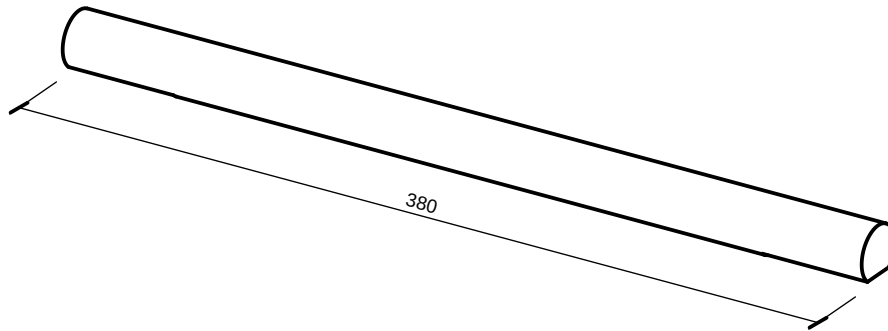
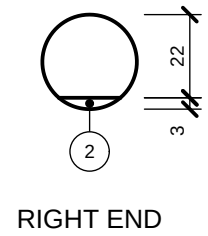
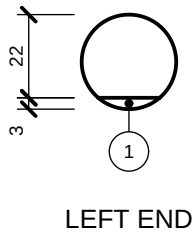
Rod with flats



parts	1
overall	380 x 25 x 25 (W x D x H)
material	oak
date	2026-10-25
made with	woodwright 0.9.0

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- 1 stopped flat 16.2 mm wide, 3 deep, on bottom_face, 330 mm short of right_end
2 stopped flat 16.2 mm wide, 3 deep, on bottom_face, 330 mm short of left_end

part	rod
of	rod_with_flats
make	1
cut size	ø25 x 380
material	oak
scale	1:2, mm

Cut list

rod $\varnothing$ 25 x 380 mm oak
- stopped flat 16.2 mm wide, 3 deep, on bottom_face, 330 mm short of right_end
- stopped flat 16.2 mm wide, 3 deep, on bottom_face, 330 mm short of 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 cuts.rod_with_flats
```

cuts.rod_with_flats, in woodwright/examples/cuts.py

```
def rod_with_flats(length: float = 380, stock: Stock = ROD_OAK) -> Assembly:
    """A rod with flats planed at both ends on its underside, e.g. where it
    lies on a pair of brackets, so that it doesn't roll."""
    asm, rod = _rod("rod_with_flats", stock, length)
    rod.cut(Flat(rod.bottom_face, 3, stopped={rod.right_end: length - 50}))
    rod.cut(Flat(rod.bottom_face, 3, stopped={rod.left_end: length - 50}))
    return asm
```