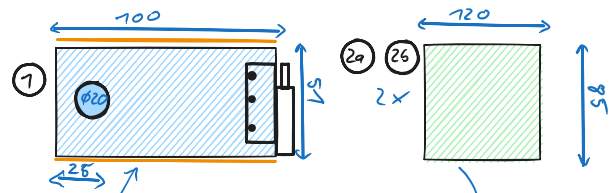
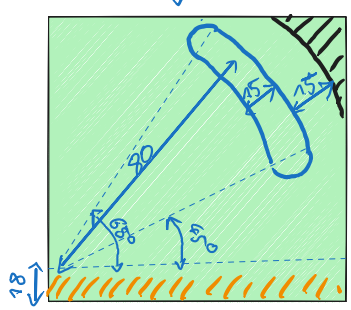
//////// 18mm
//////// 12mm
glue

---

tripod mount



because here the glue takes much of the load, it makes sense to reinforce this joint with dowel pins

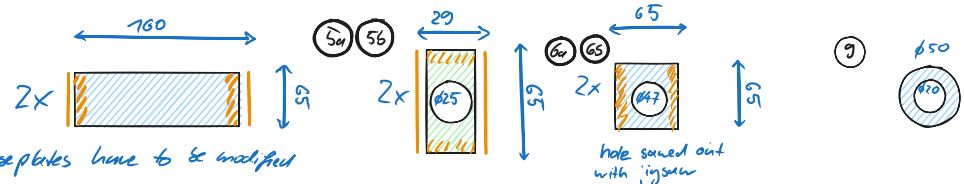


pre drill it a couple of times (Ø5 bit), then clean up with a file

the angles correspond to my latitude 50±10°. For different angles, the side lengths have to be adjusted. The angles here are also not the same as the platform angles because the hinge is on its bottom not in the center.

---

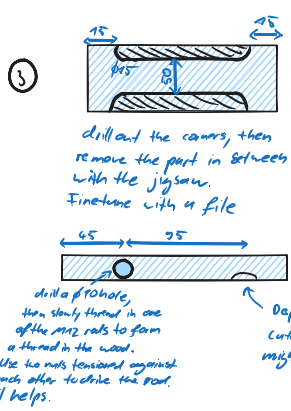
polar axis



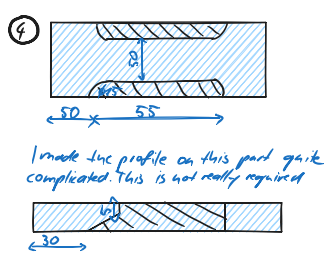
these plates have to be modified further:

hole sawed out with jigsaw

lower:



upper



---

declination axis