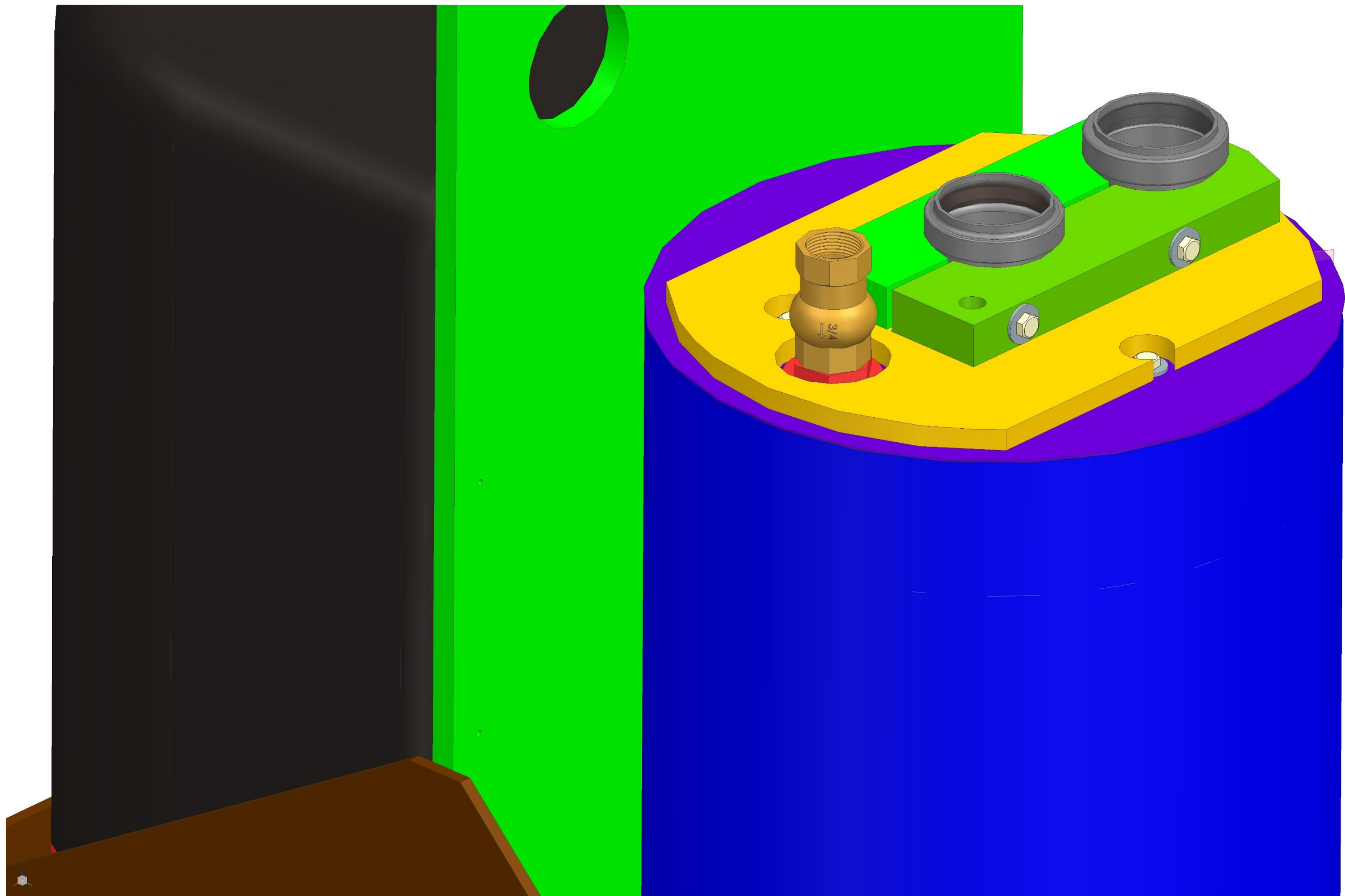


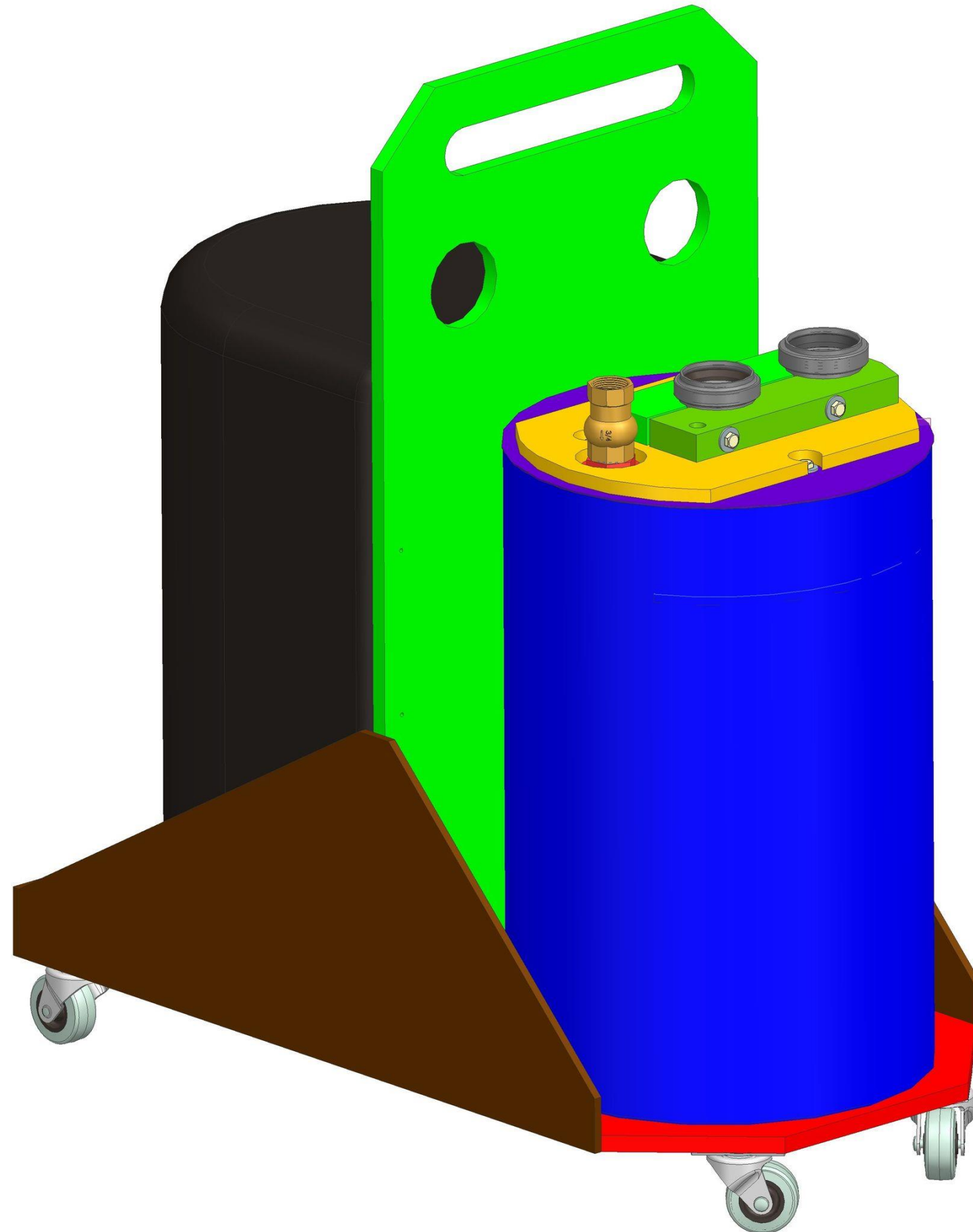
DIY cyclone dust separator with Thien's baffle plans





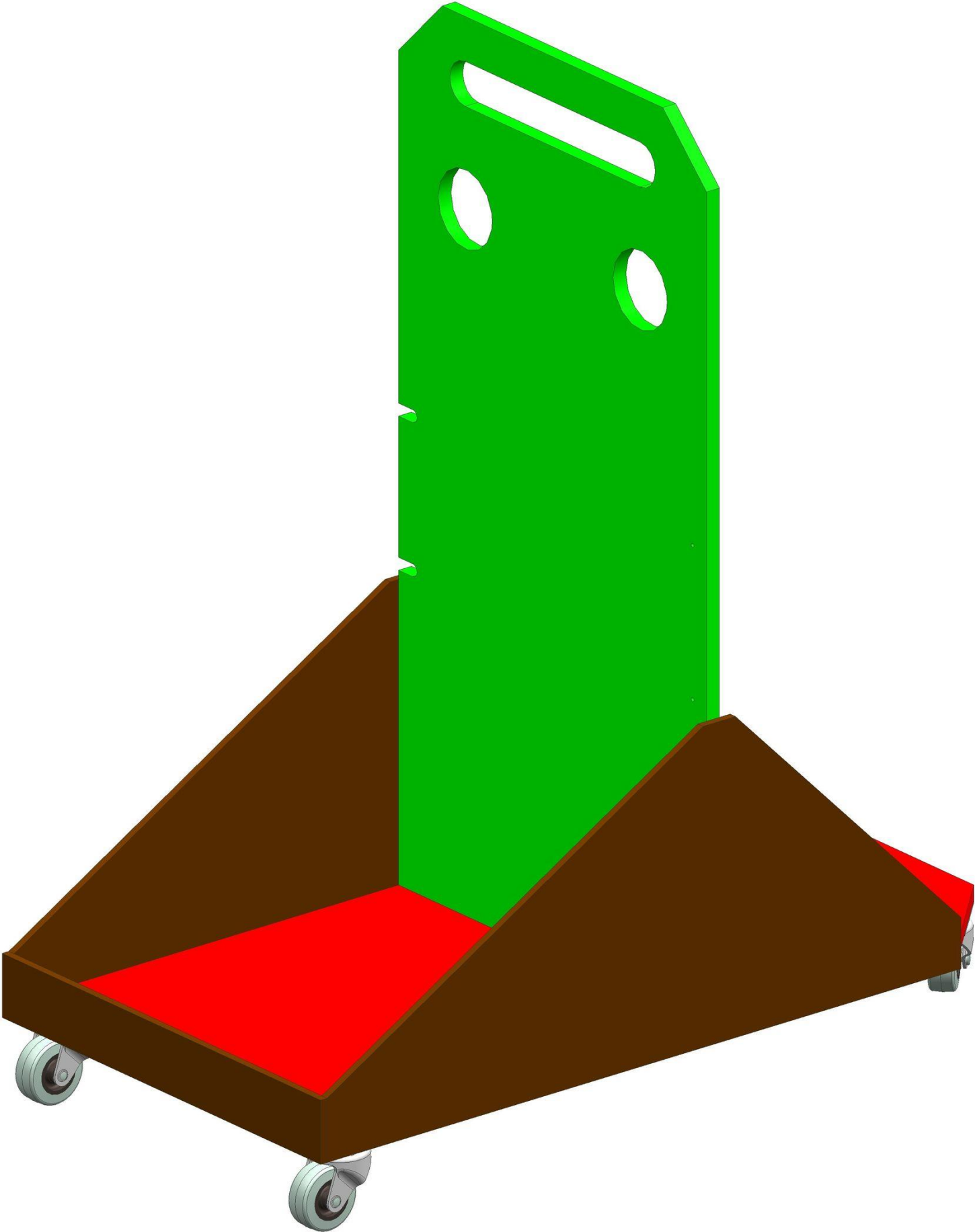
Fasteners and Materials:

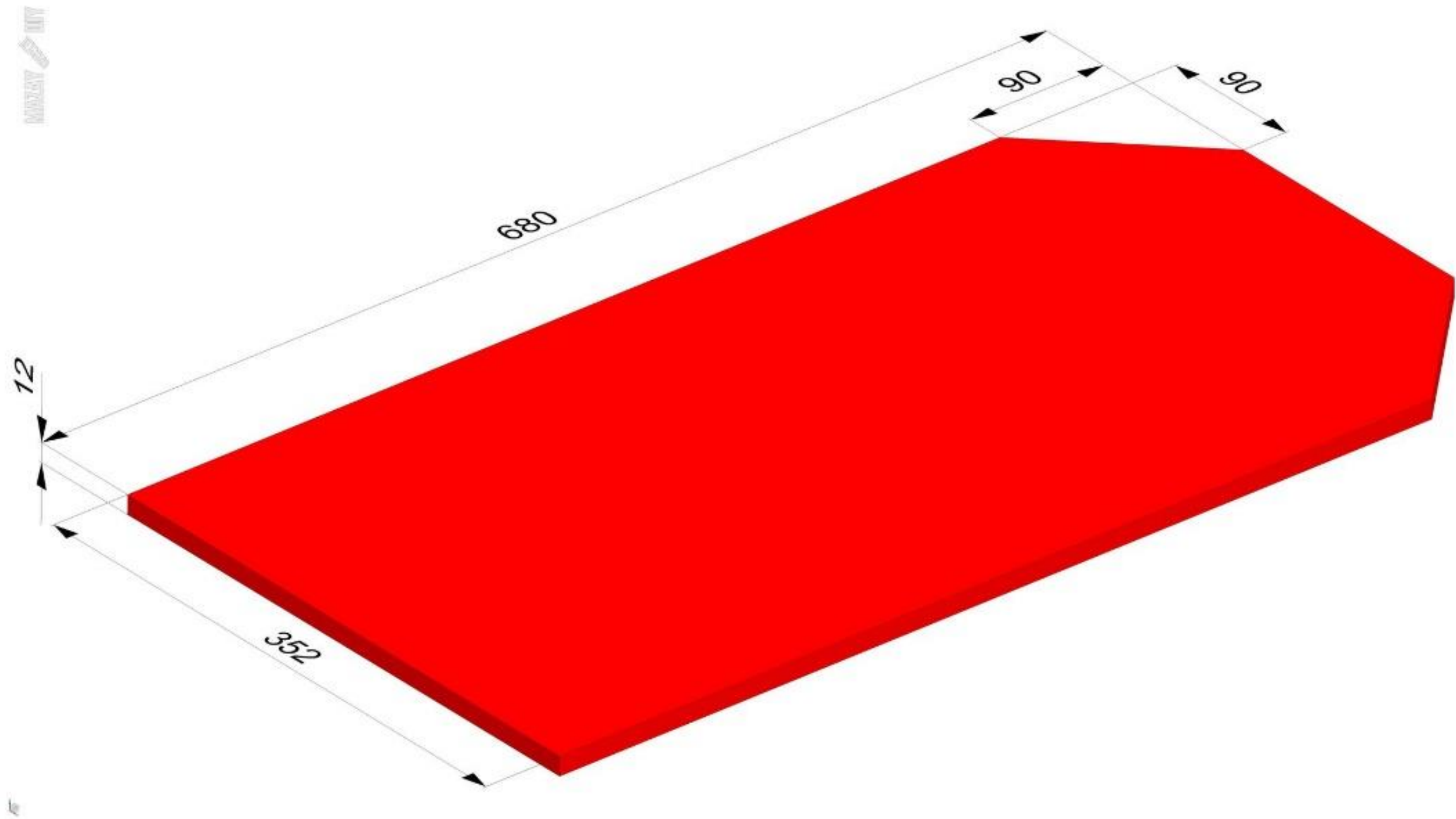
1. PVC Sewer Knee fi 50 angle 90 degrees
2. PVC Sewer pipe fi 50
3. [Threaded Insert M6](#) x 4
4. [Bolt M6 x 80](#) x 3
5. Bolt M6 x 100 x 2
6. [Flat Fender washer M6](#) x 8
7. [Nut M6](#) x 6
8. Locknut M6 x 3
9. Threaded Insert M6 x 2
10. Check valve 3/4
11. Flange locknut $\frac{3}{4}$ x 2
12. Male Threaded Pipe Fitting $\frac{3}{4}$
13. [Rubber castor wheels 2'](#) x 4
14. [Plywood 6 mm](#)
15. Plywood 10 mm OR [12 mm](#)
16. [Plywood 18 mm](#) or 20 mm

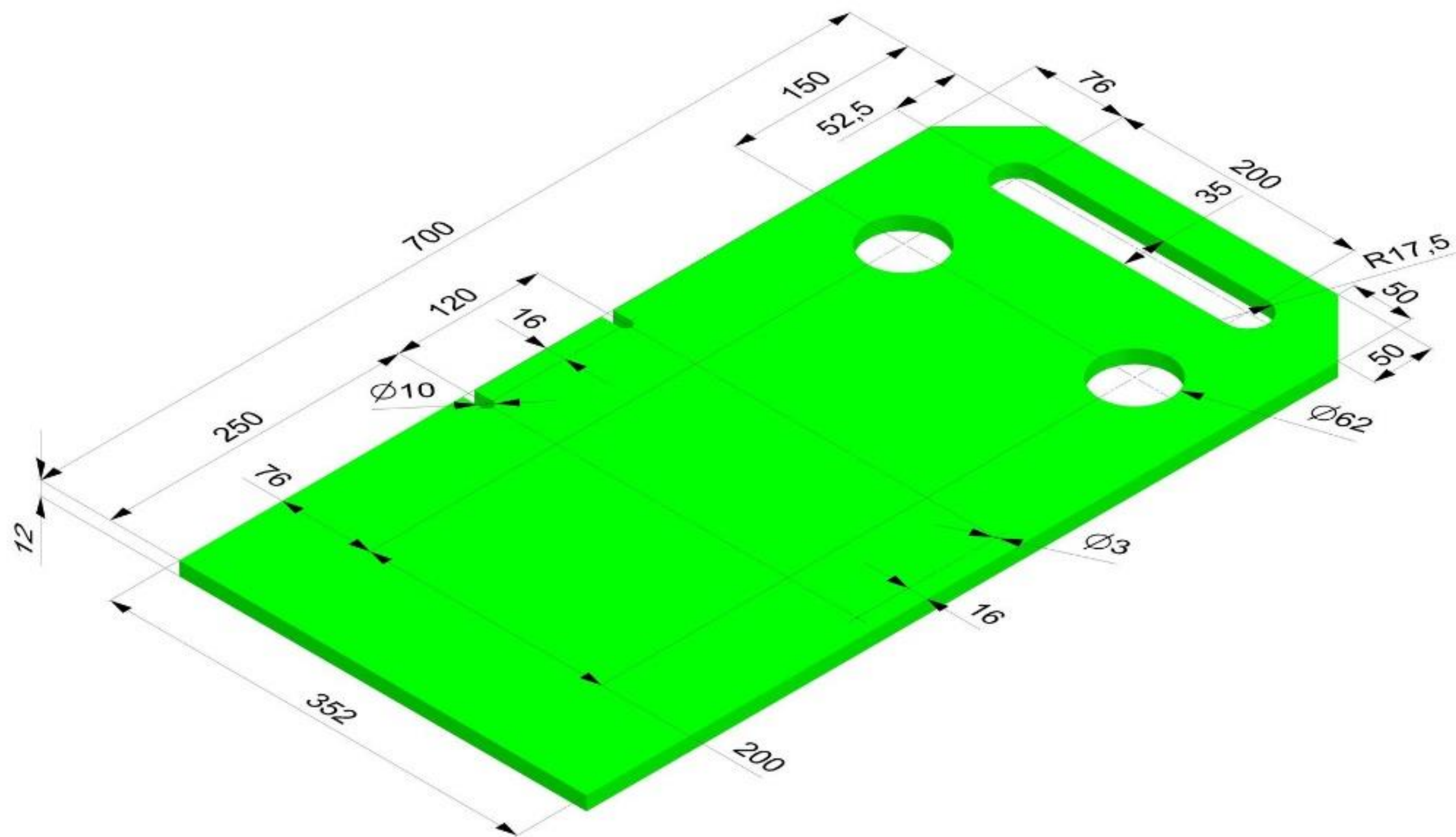


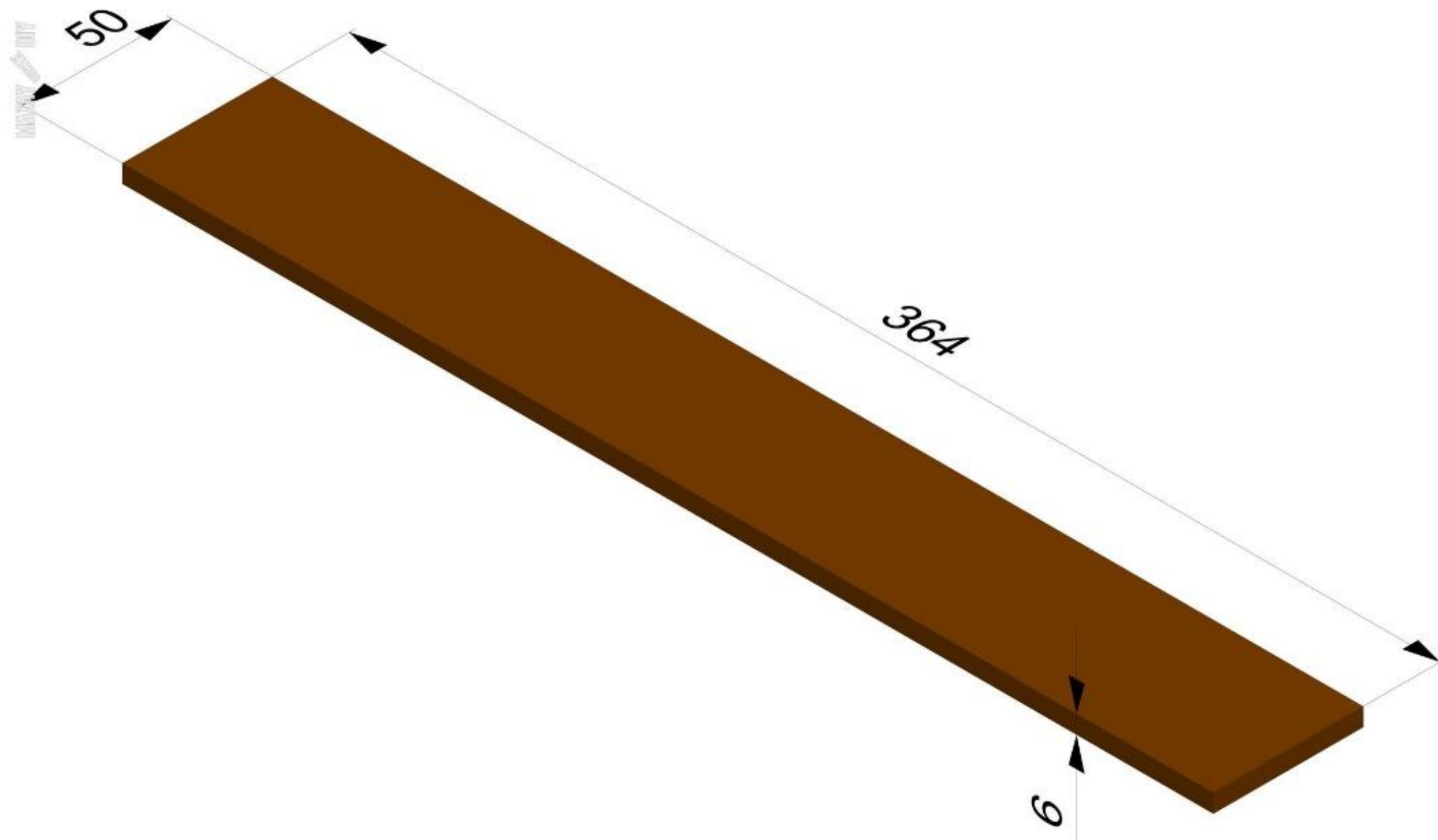
Cyclone trolley

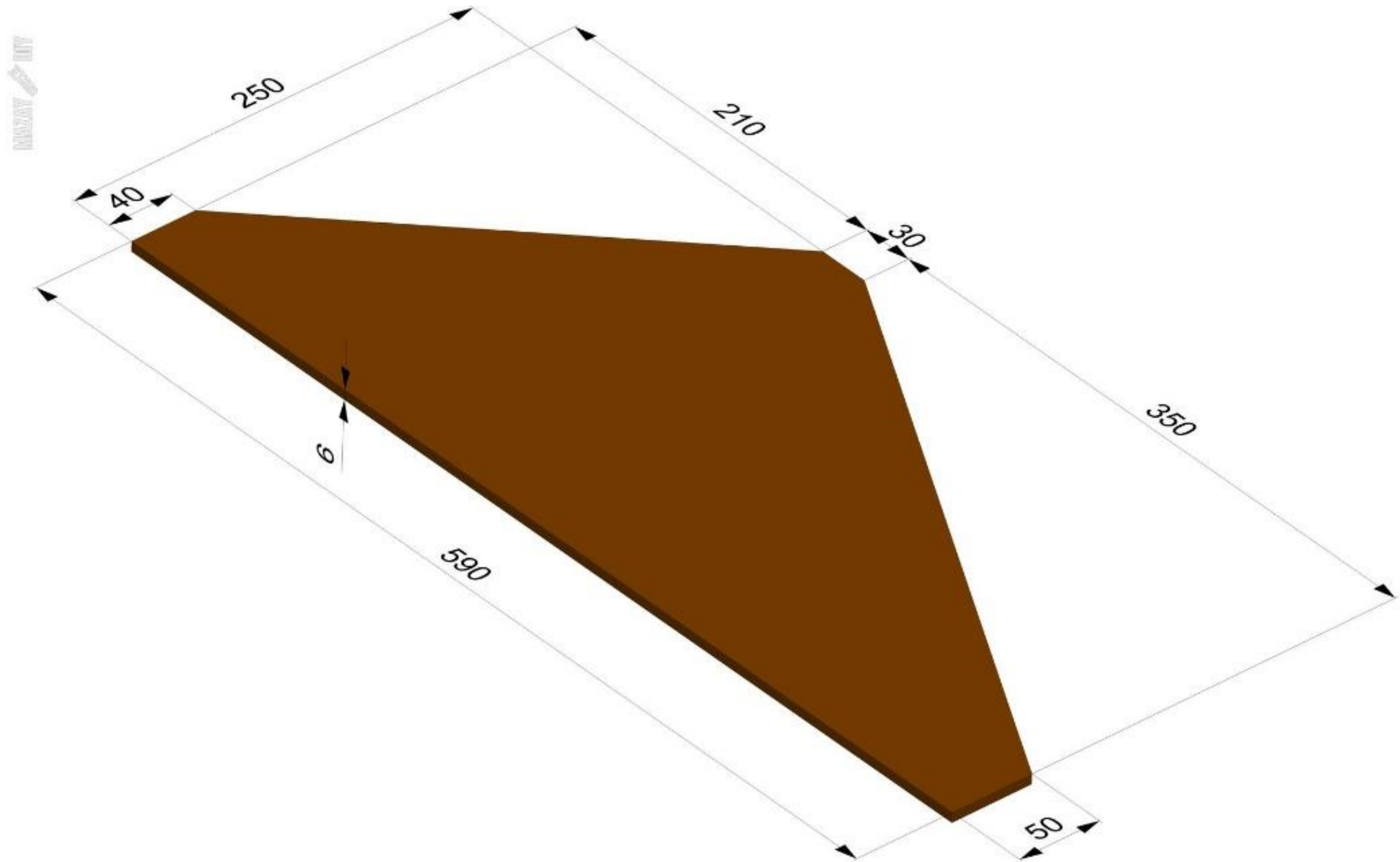
MAZAY
DIY

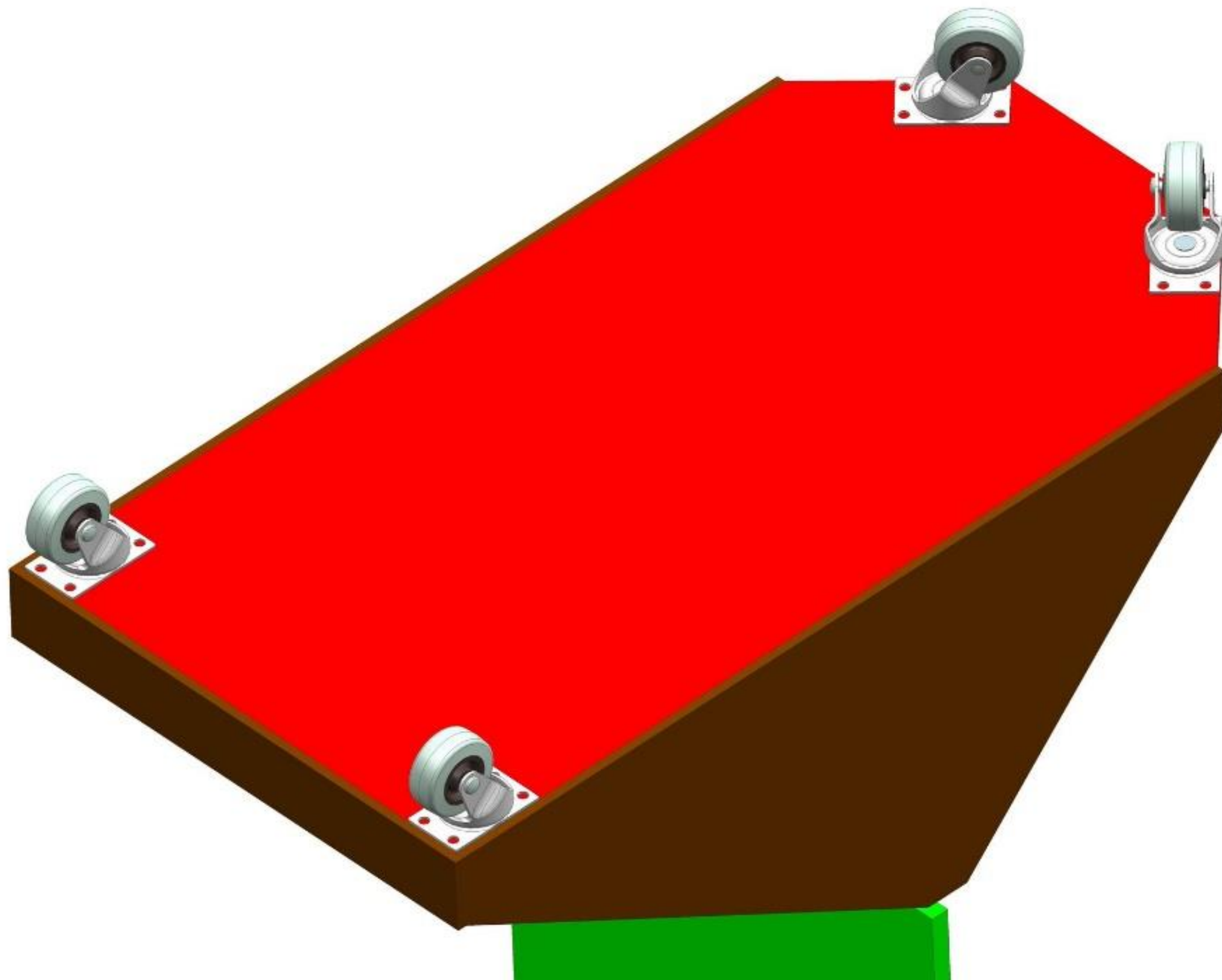








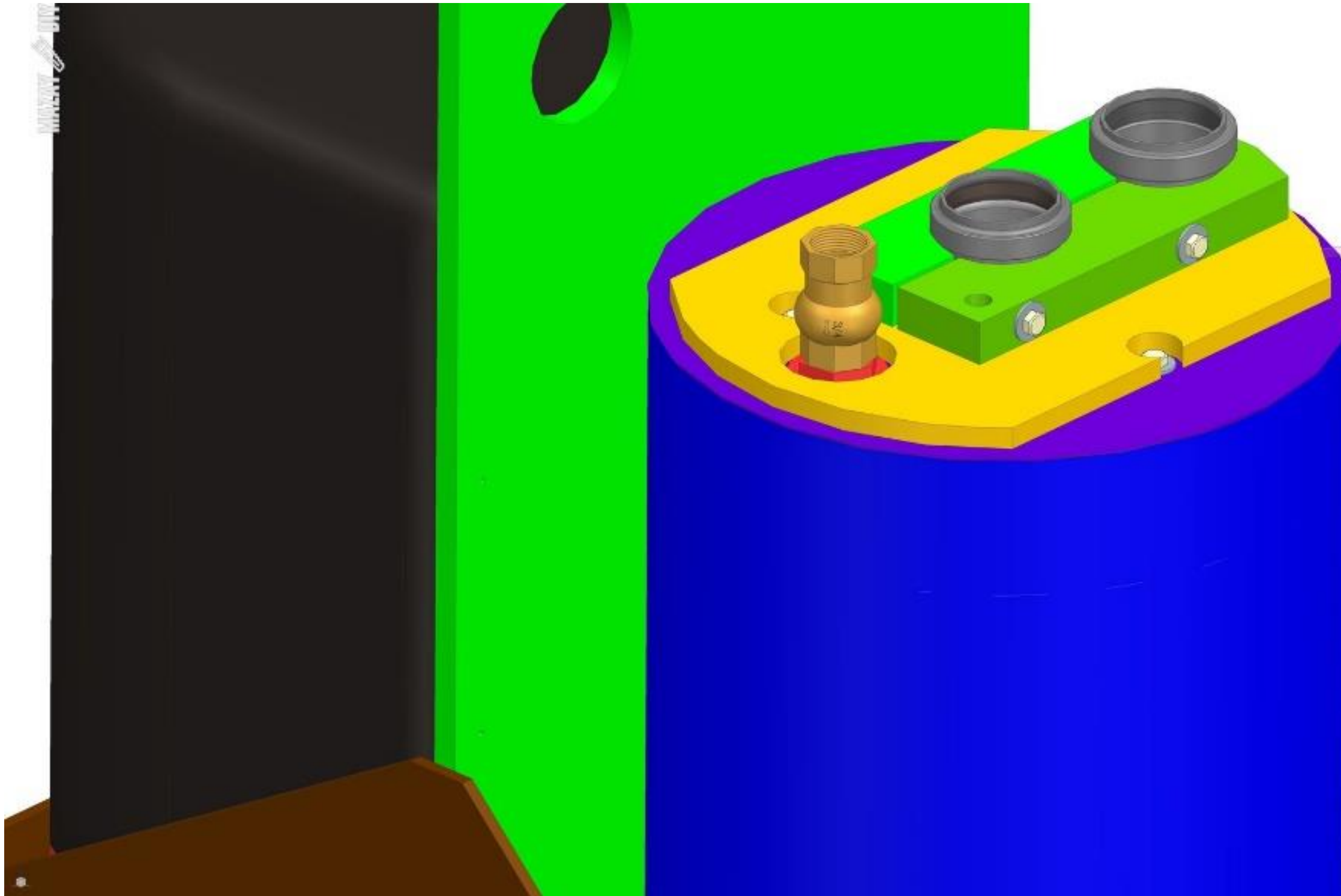


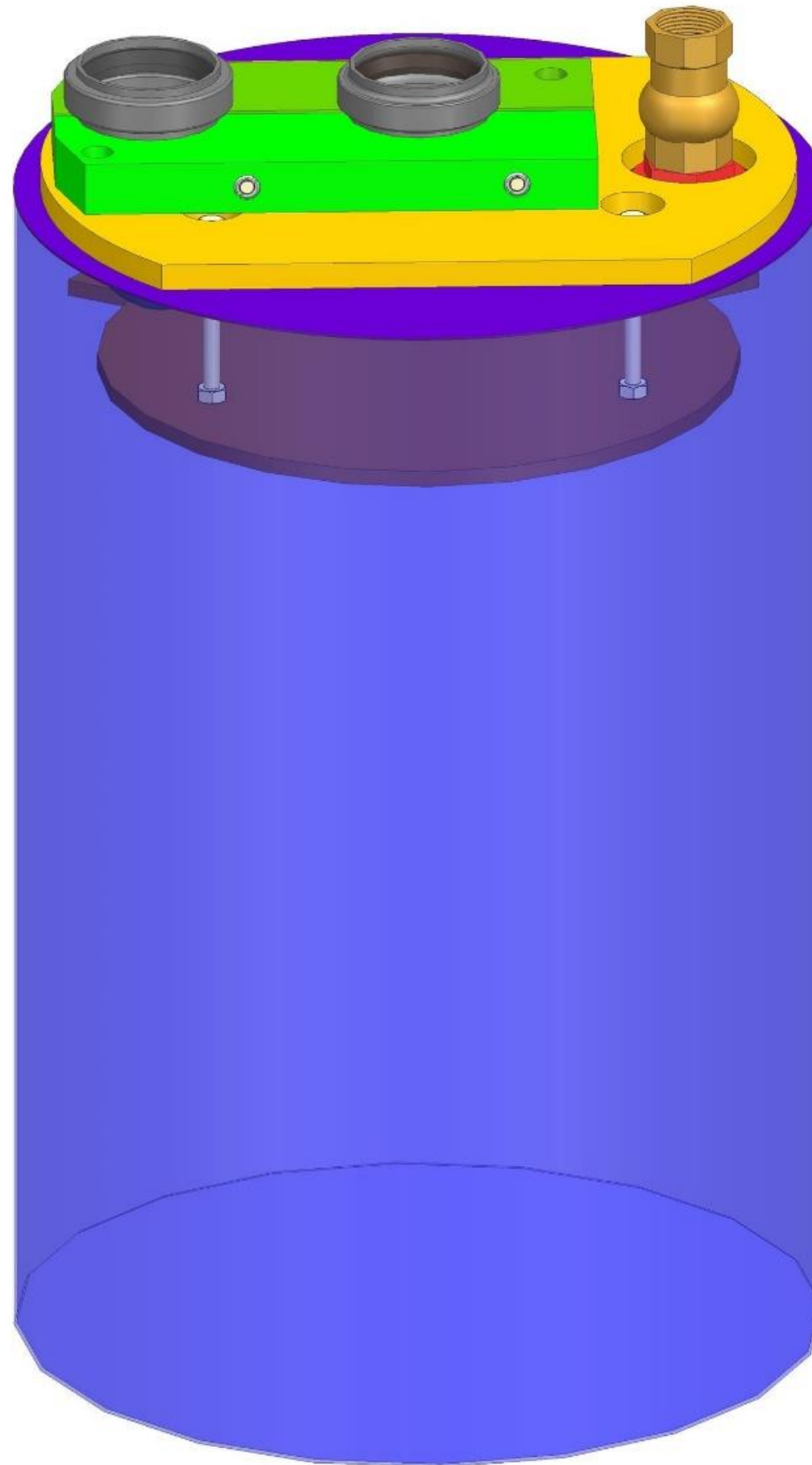


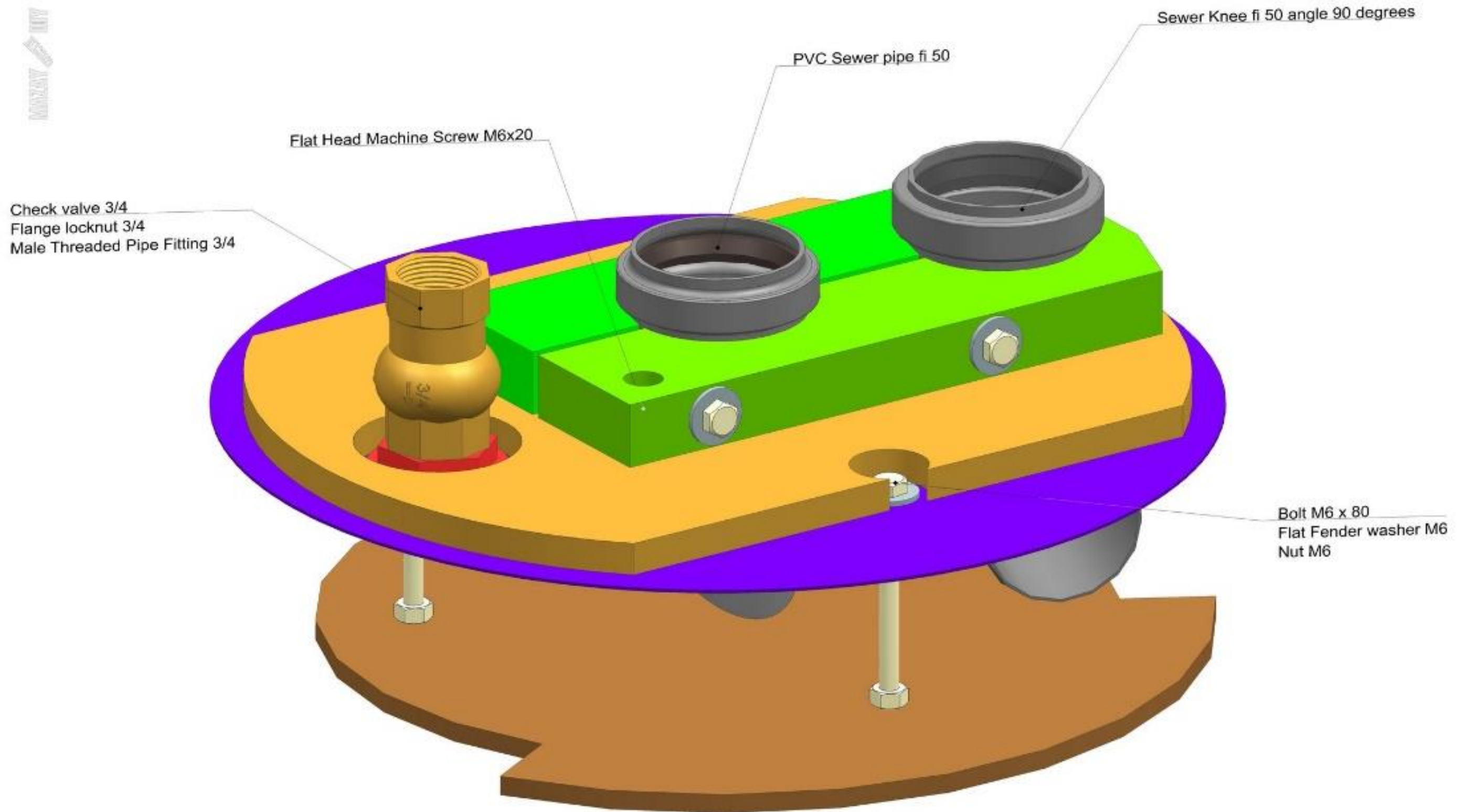
Materials:

- [rubber castor wheels 2' x 4](#)

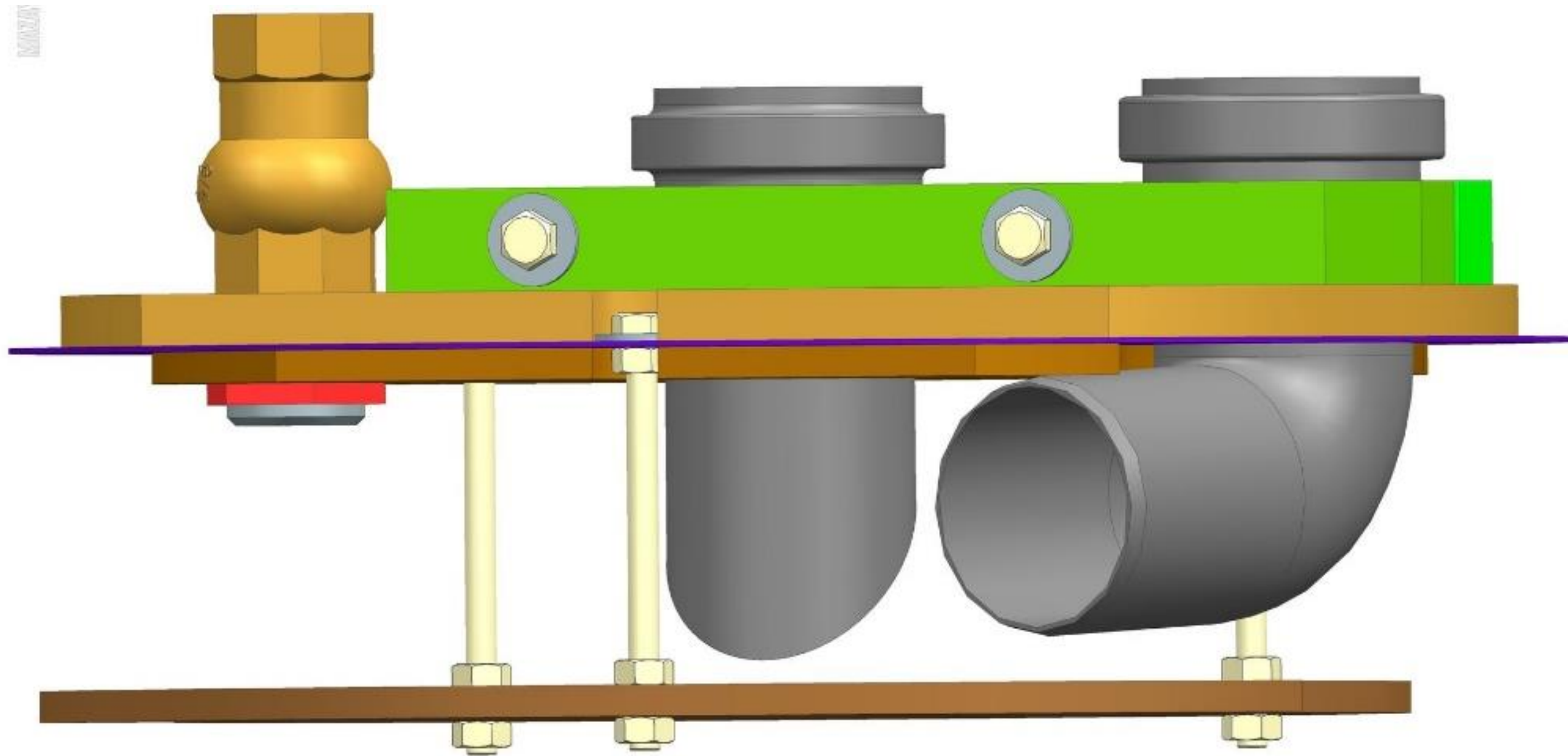
Cyclone for dust and powder separation





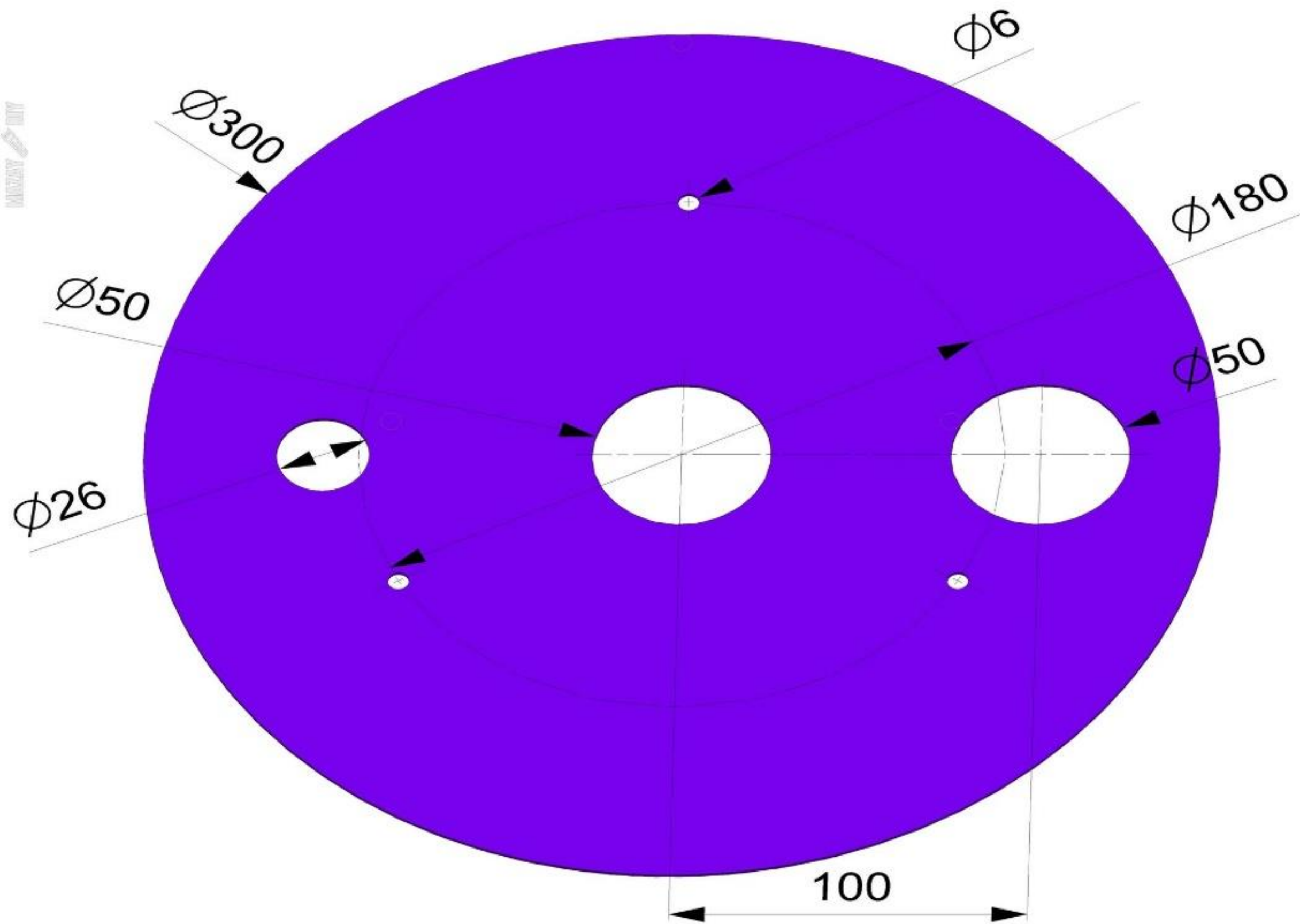


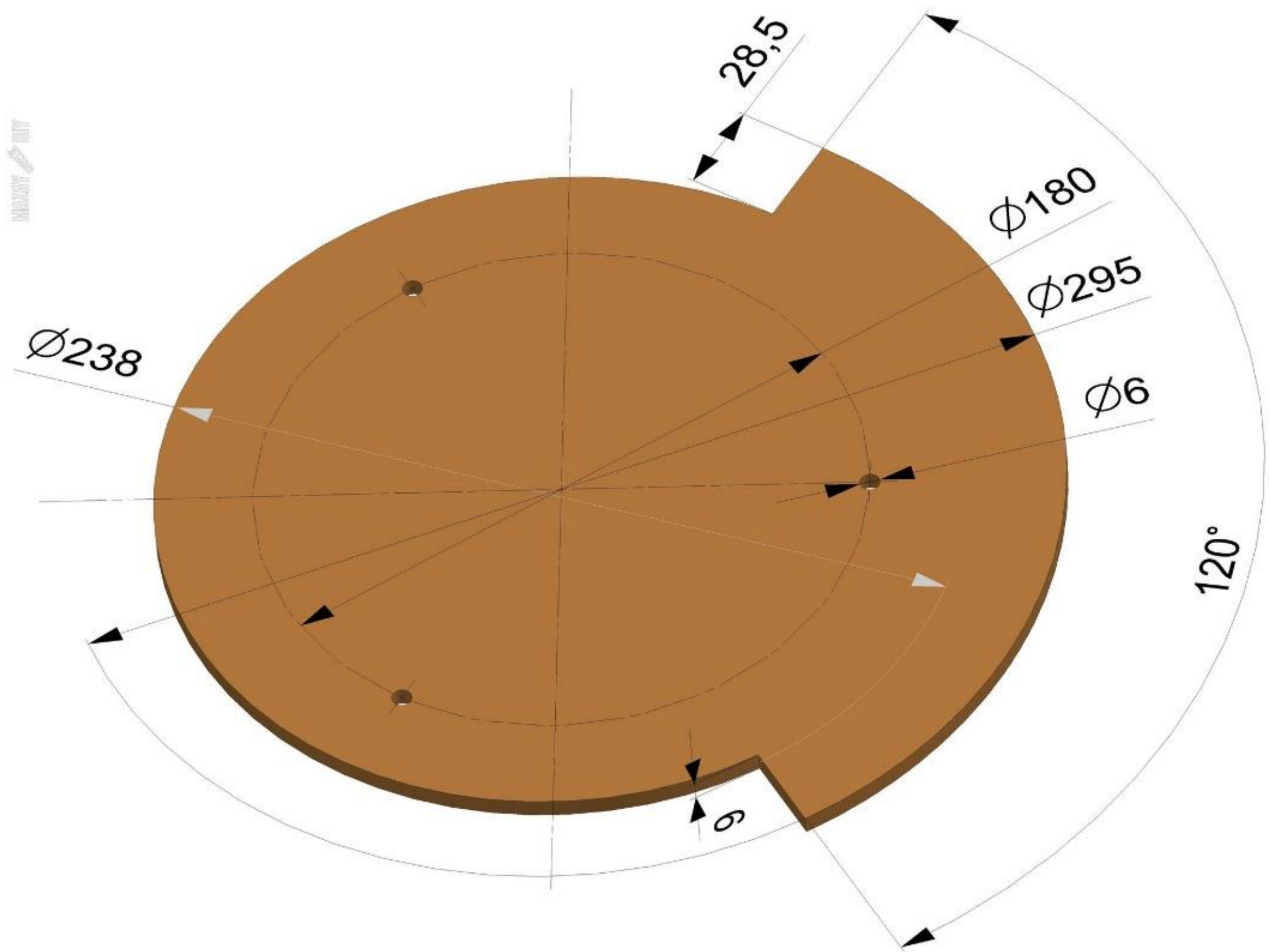
Cyclone separator baffle design by J.P.Thien

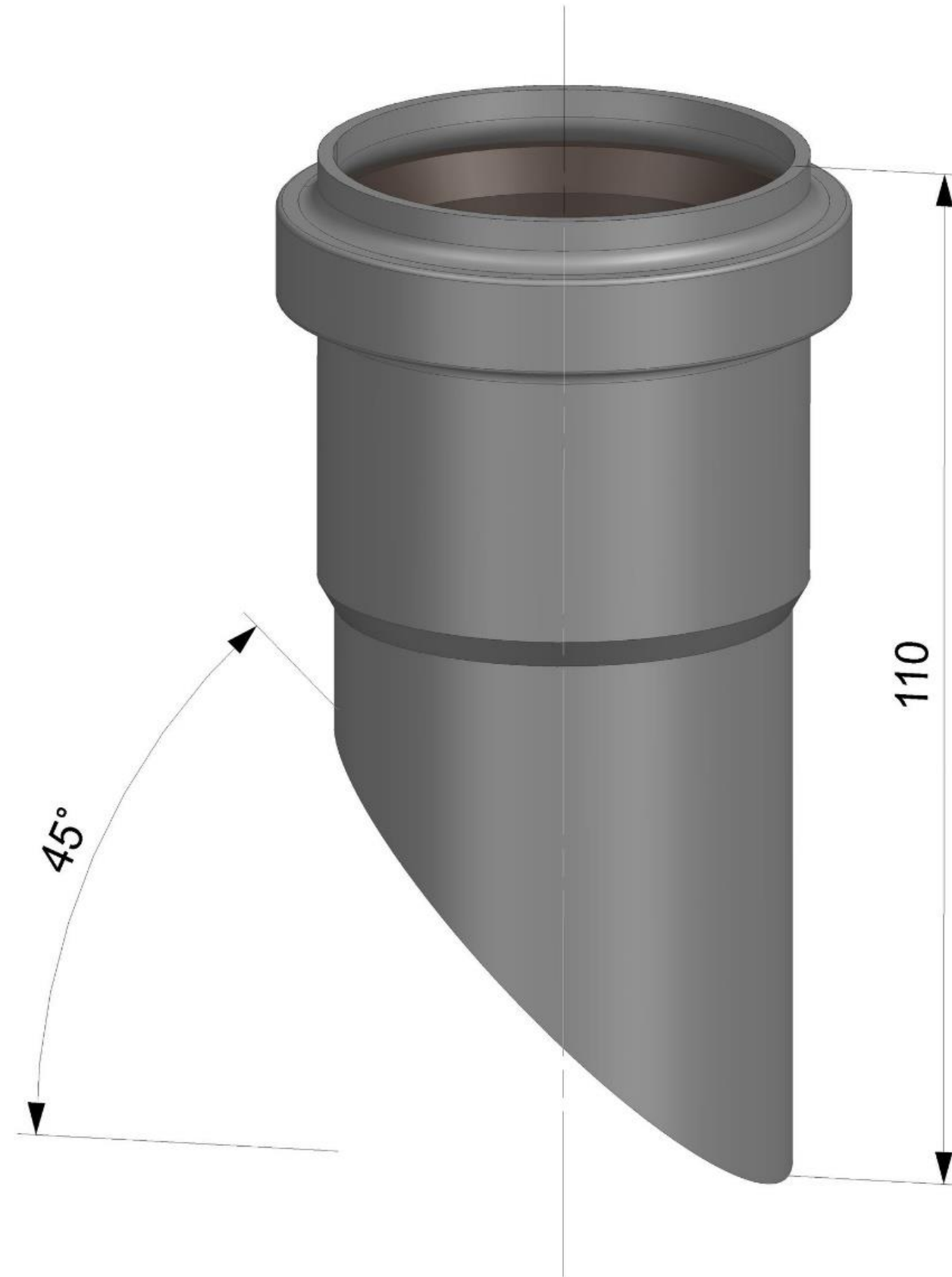


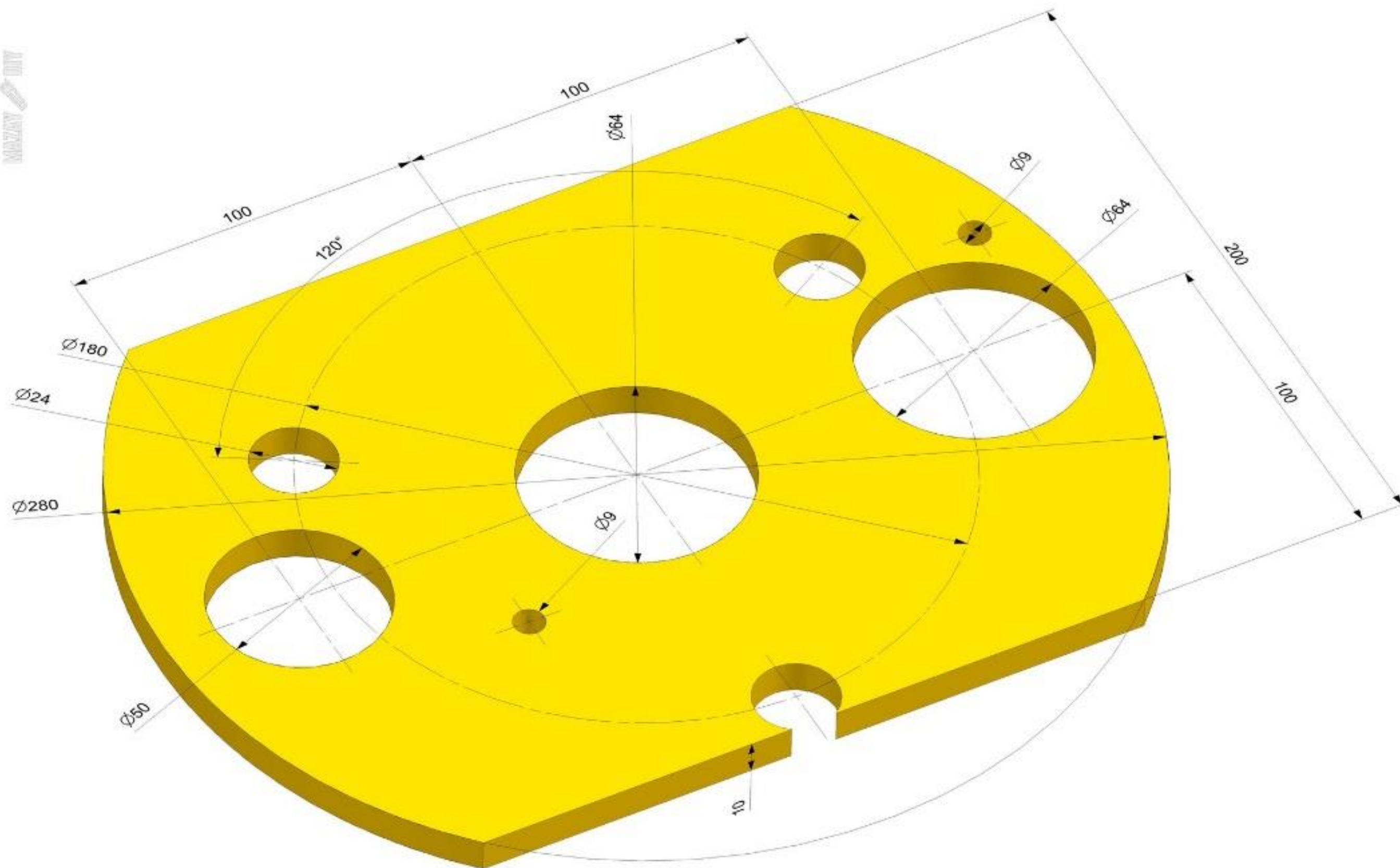
Materials:

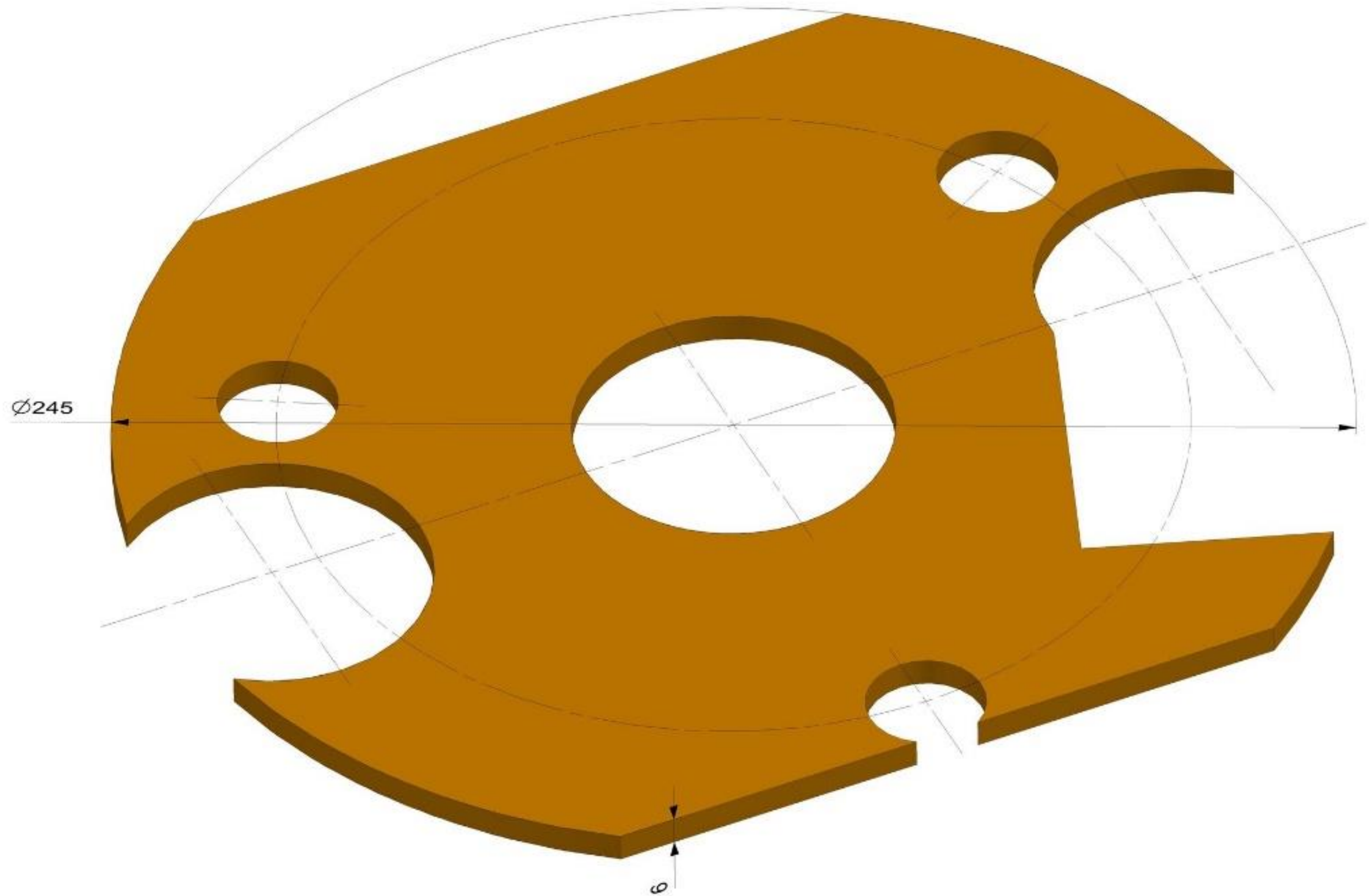
- PVC Sewer Knee fi 50 angle 90 degrees
- PVC Sewer pipe fi 50
- [Bolt M6 x 80](#) x 3
- [Flat Fender washer M6](#) x 6
- [Nut M6](#) x 6
- Locknut M6 x 3
- Threaded Insert M6 x 2
- Check valve 3/4
- Flange locknut 3/4 x 2
- Male Threaded Pipe Fitting 3/4
- PVC Sewer pipe fi 50
- Sewer Knee fi 50 angle 90 degrees

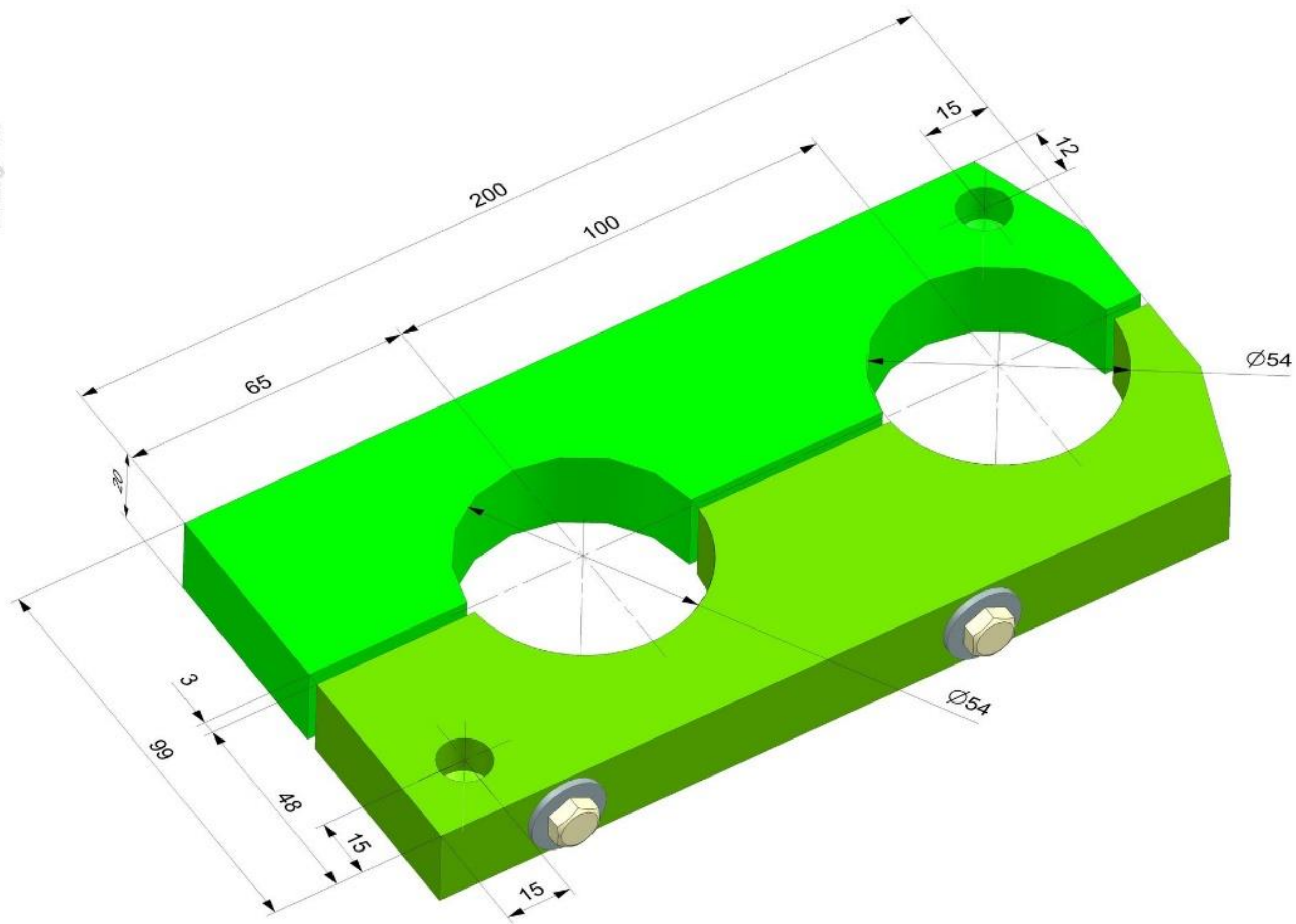


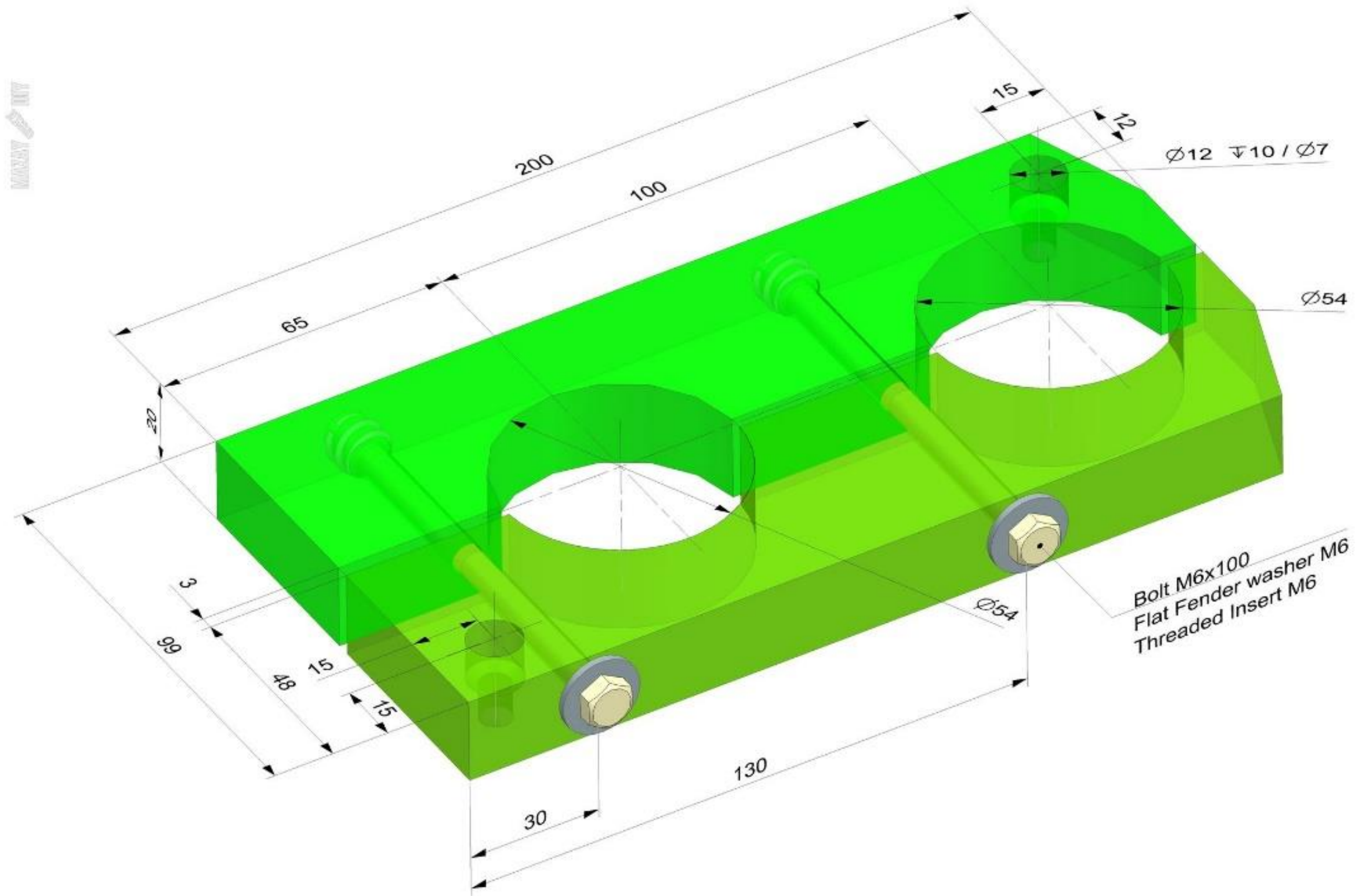












Fasteners:

- Bolt M6 x 100 x 2
- [Flat Fender washer M6](#) x 2
- [Threaded Insert M6](#) x 2

All dimensions are in millimeters (mm)

Other tools and jigs:

[DIY Angle Grinder Stand](#)

[Drill bit organizer + Plans](#)

[DIY Drill Press Stand + Plans](#)

[DIY Hold down clamps + Printable templates](#)