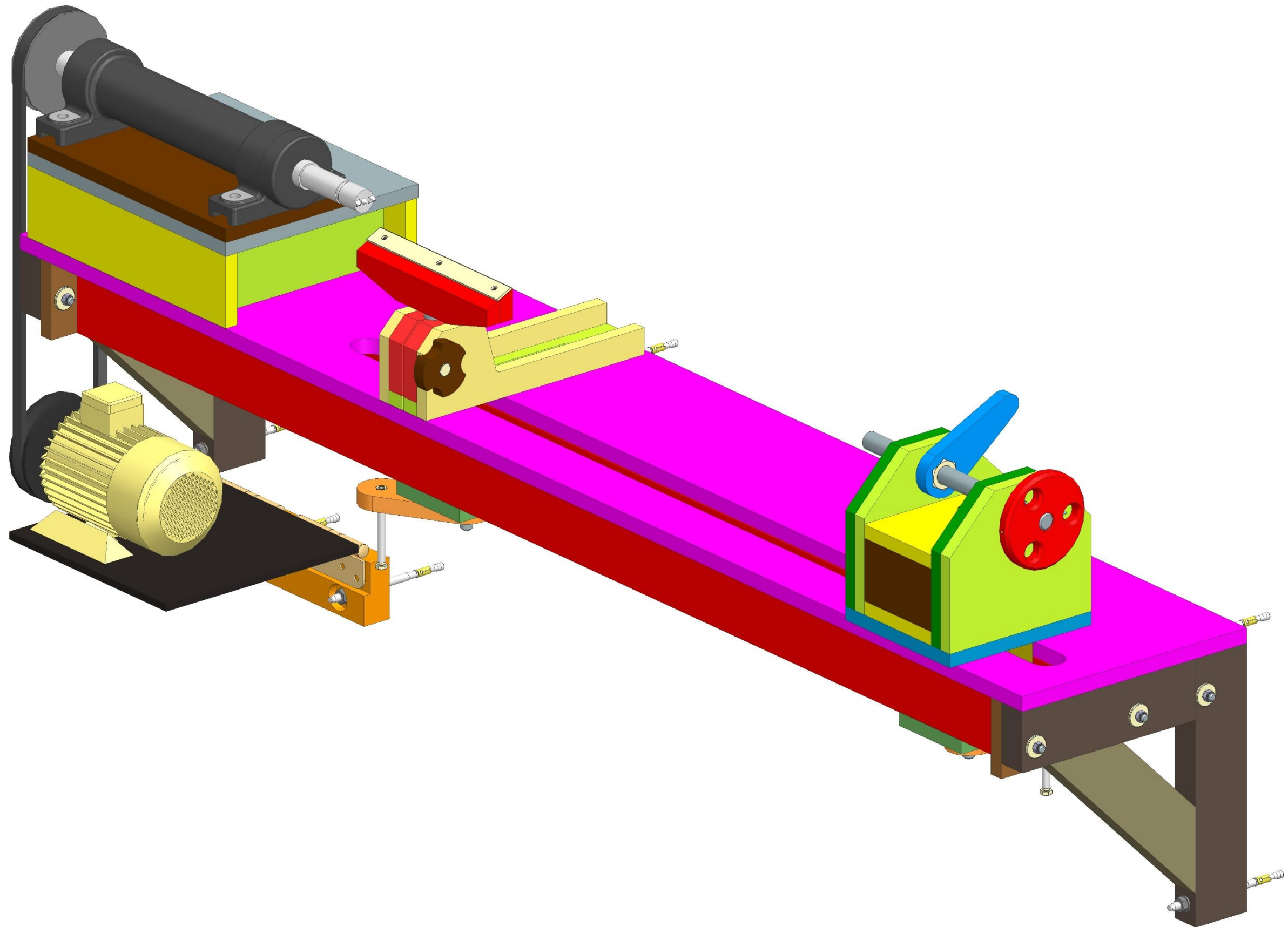
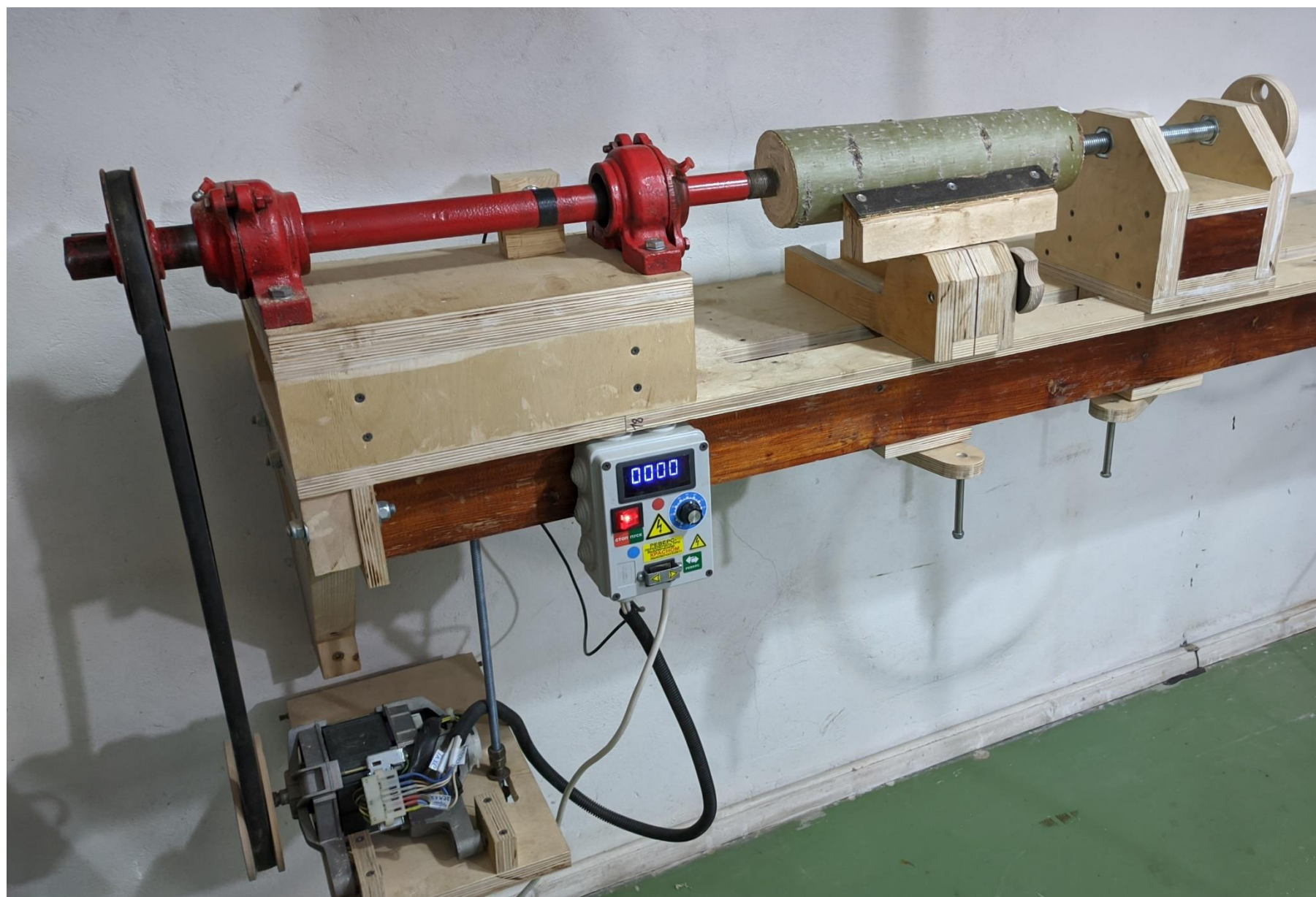


Homemade Woodworking Lathe Machine | Plans





Lathe parts dimensions:

Lathe bed.....	3
Lathe Tailstock	18
Tool Rest.....	38

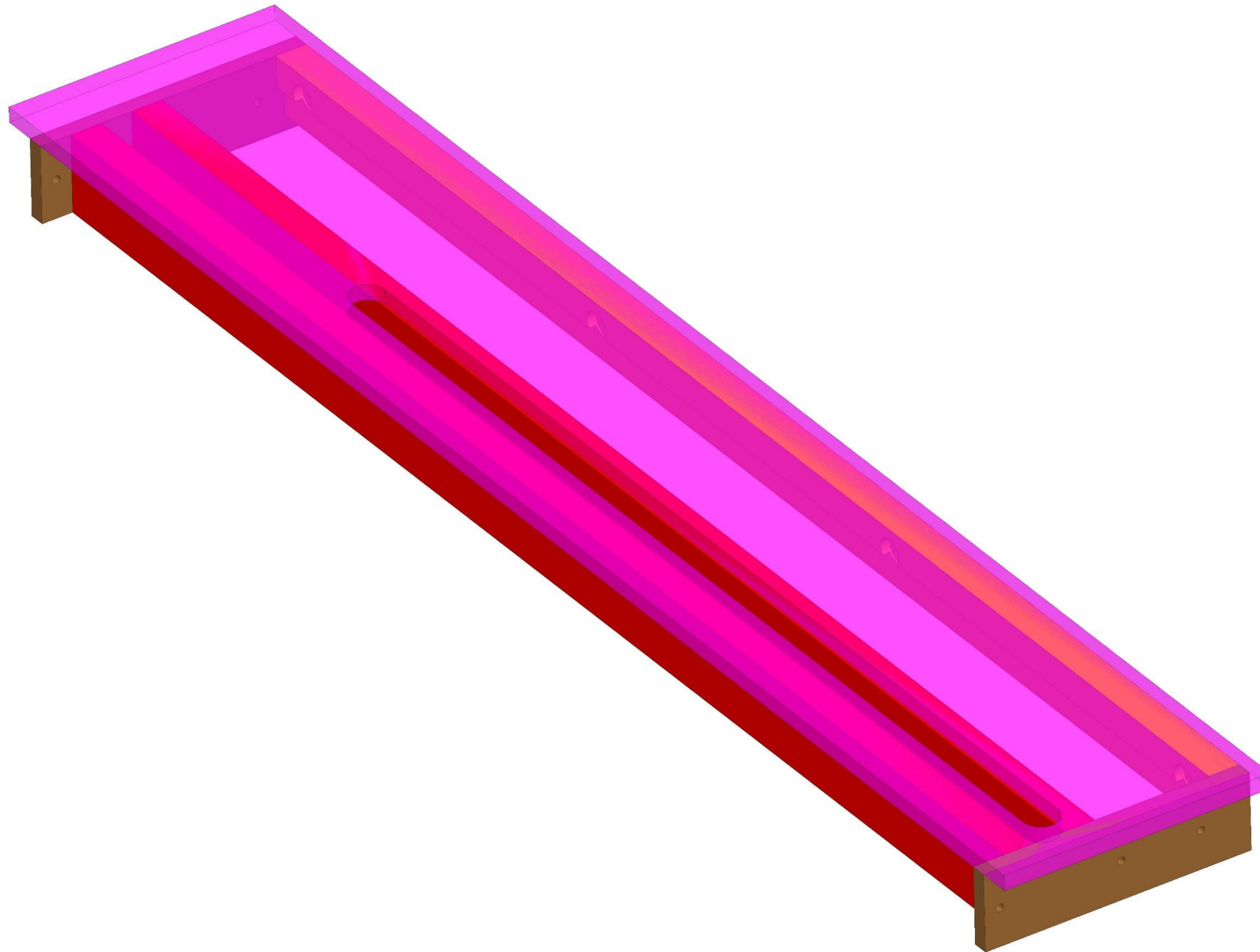
Fasteners and Materials:

1. [Bolt M8 x 100](#) x 2
2. [Bolt M10 x 100](#) x 1
3. [Flat Fender washer M10](#) x 13
4. [Flat Fender washer M16](#) x 1
5. [Frame anchor bolt M10x130](#) x 6
6. [Locknut M10](#) x 12
7. Nail
8. [Nut M8](#) x 4
9. [Nut M16](#) x 5
10. [Nut M24](#) x 3
11. [Stainless steel tube 10x1, L=70 mm](#) x 2
12. Steel strip 3 x 25 x250
13. [T-nut M10](#) OR [Coupling nut M10](#) x 1
14. [Threaded rod M10](#), length=(90 x 6)=540mm
15. Threaded rod M16, length= (325+215)=540mm
16. Threaded rod M24, length= 350mm
17. [Tube 1" \(Nipple Pipe Fitting\), L=150...160 mm](#)
18. [Wood Screws 3.5x19](#)
19. Plywood 10 mm OR [12 mm](#)
20. [Plywood 18 mm](#) or 20 mm
21. Lumber 40×100 mm

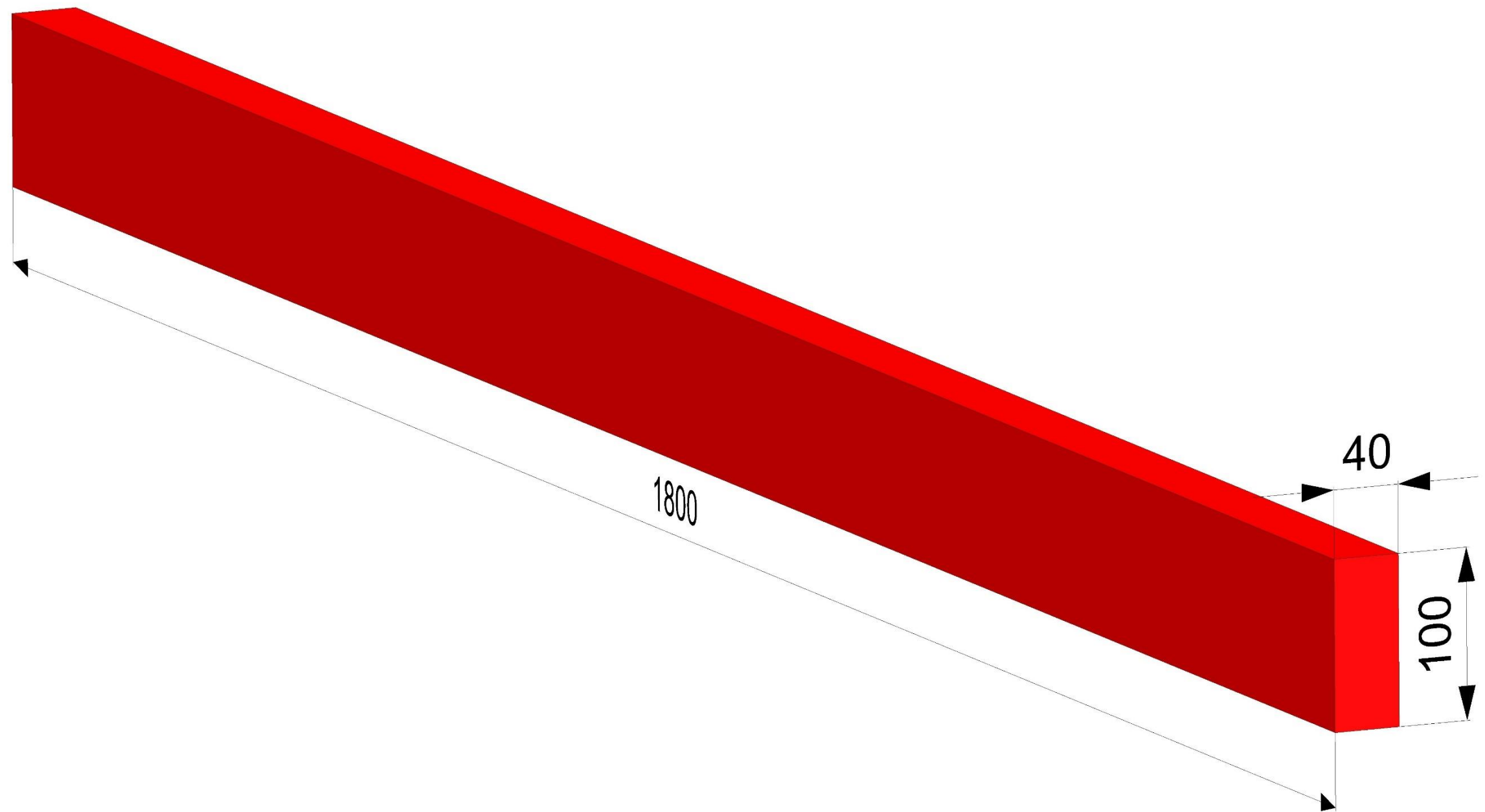
Headstock spindle:

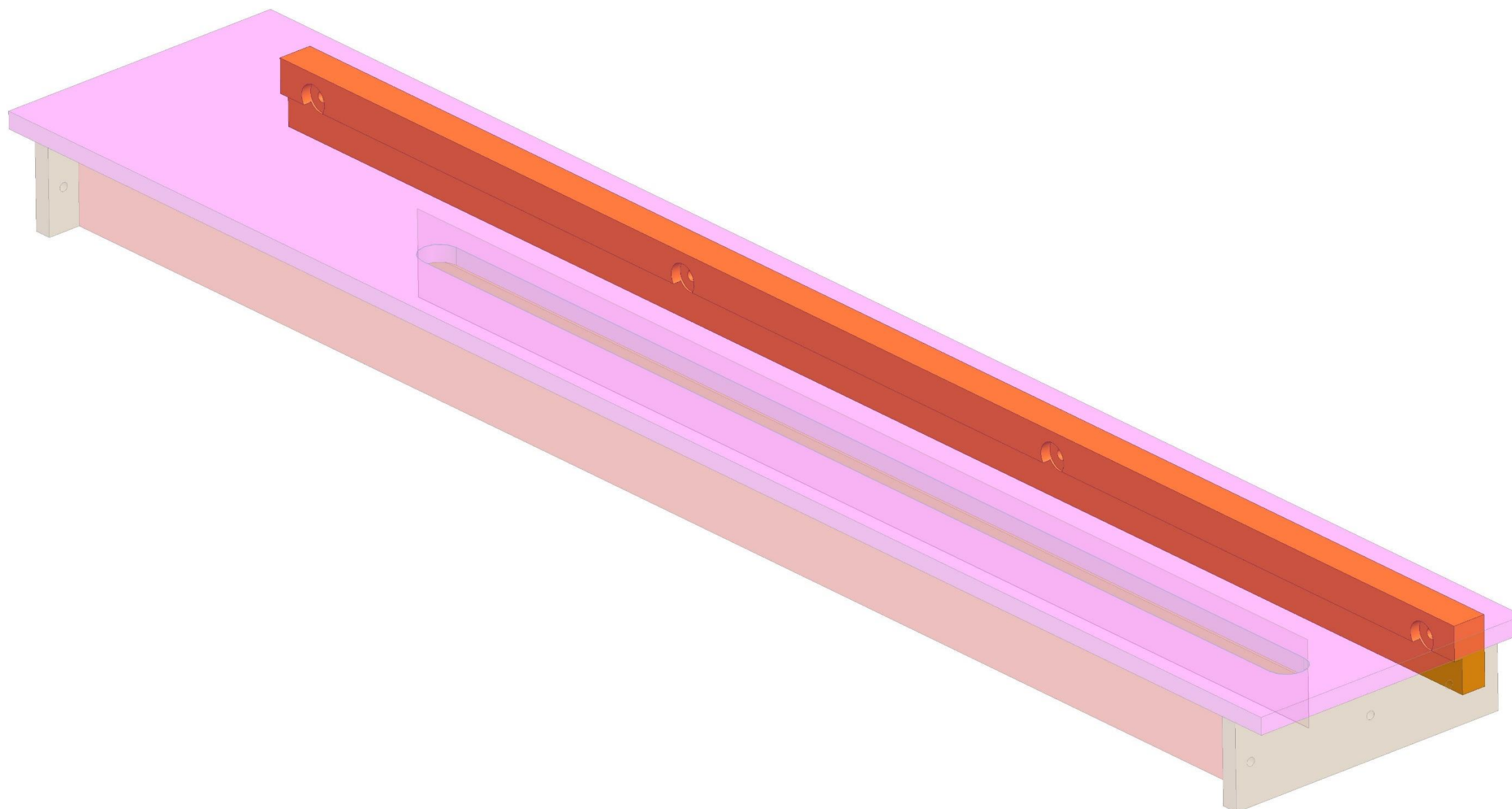
1. Shaft Ø35 mm, L=550mm
2. Bearing Pillow Block options:
 - a. SKF SYJ 40 KF x 2
 - b. [SKF UCP207](#) x 2

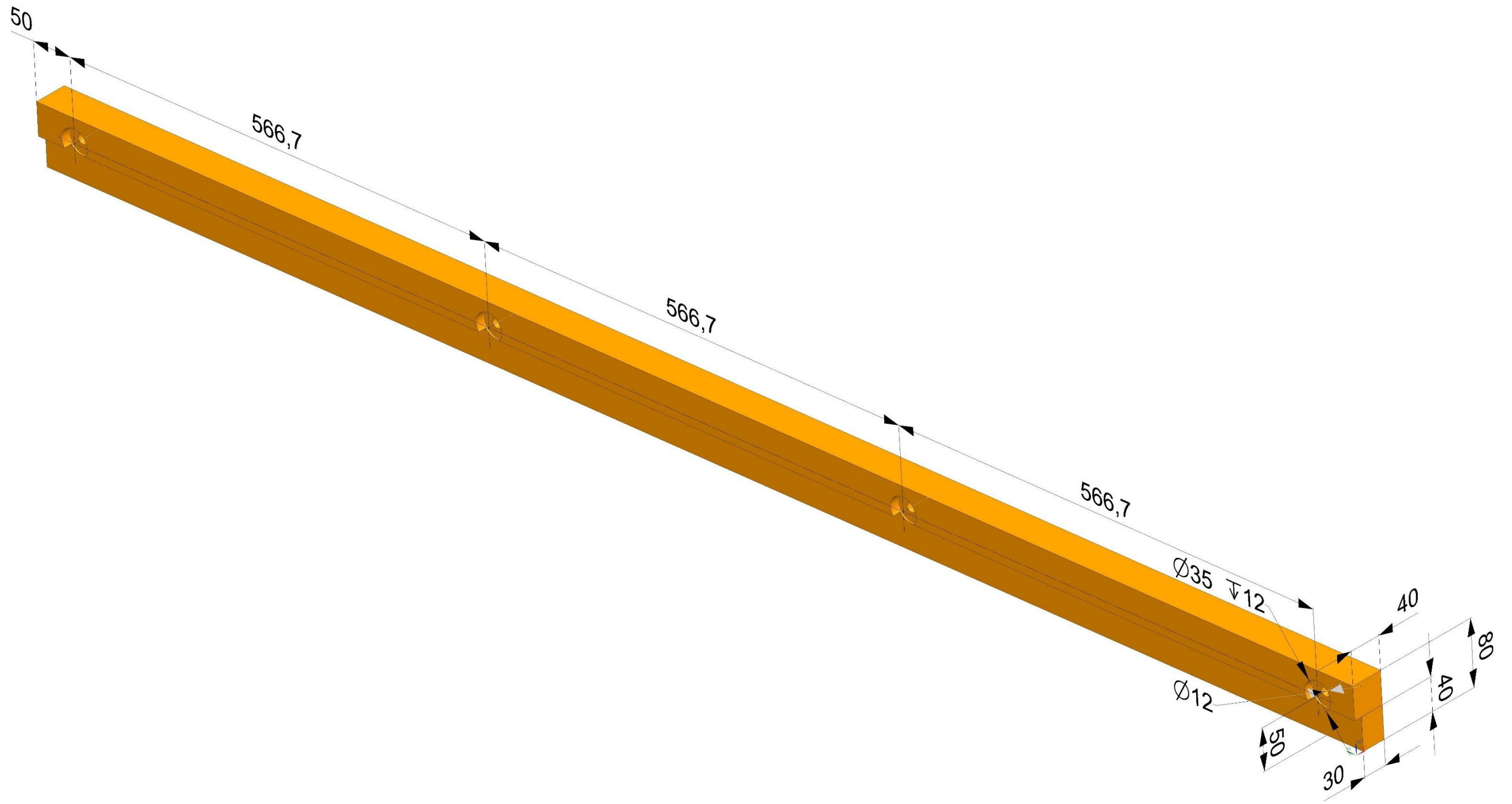
Lathe bed

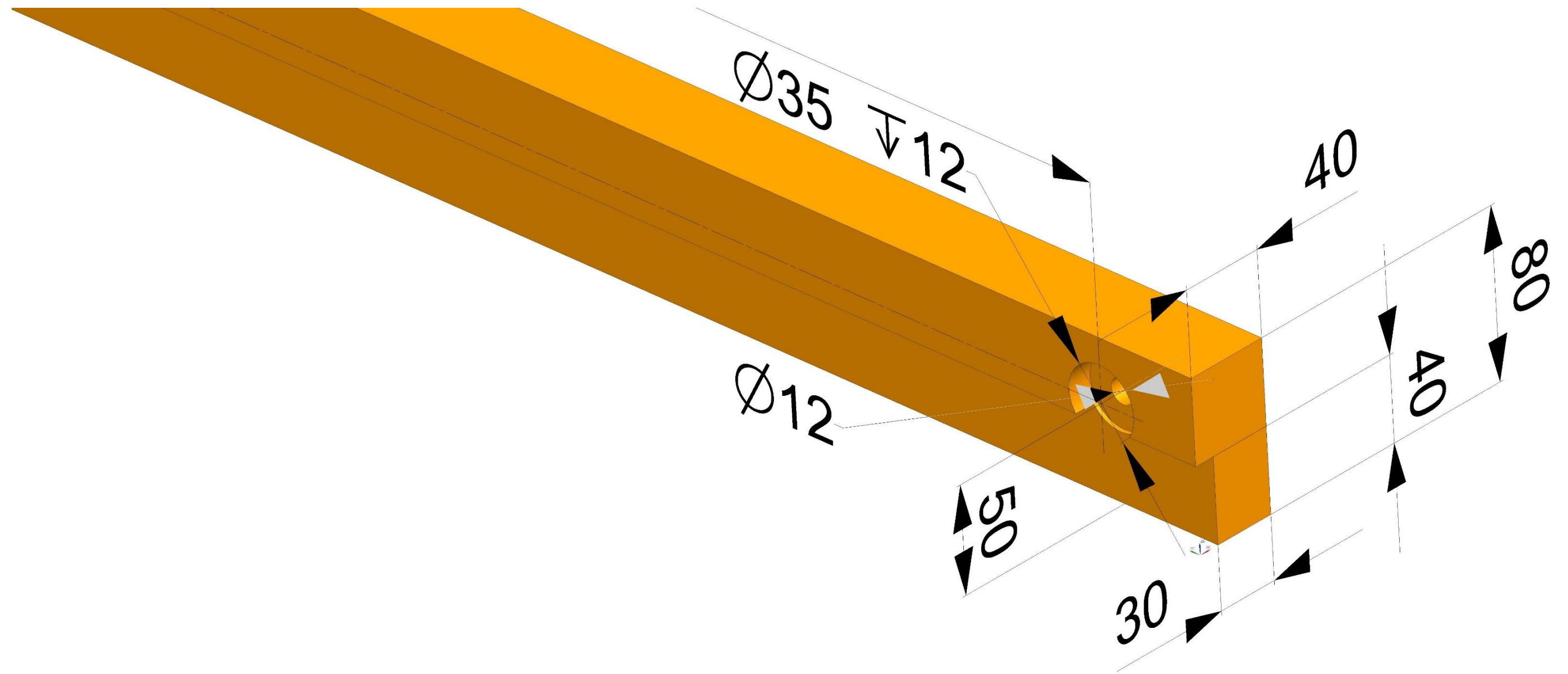


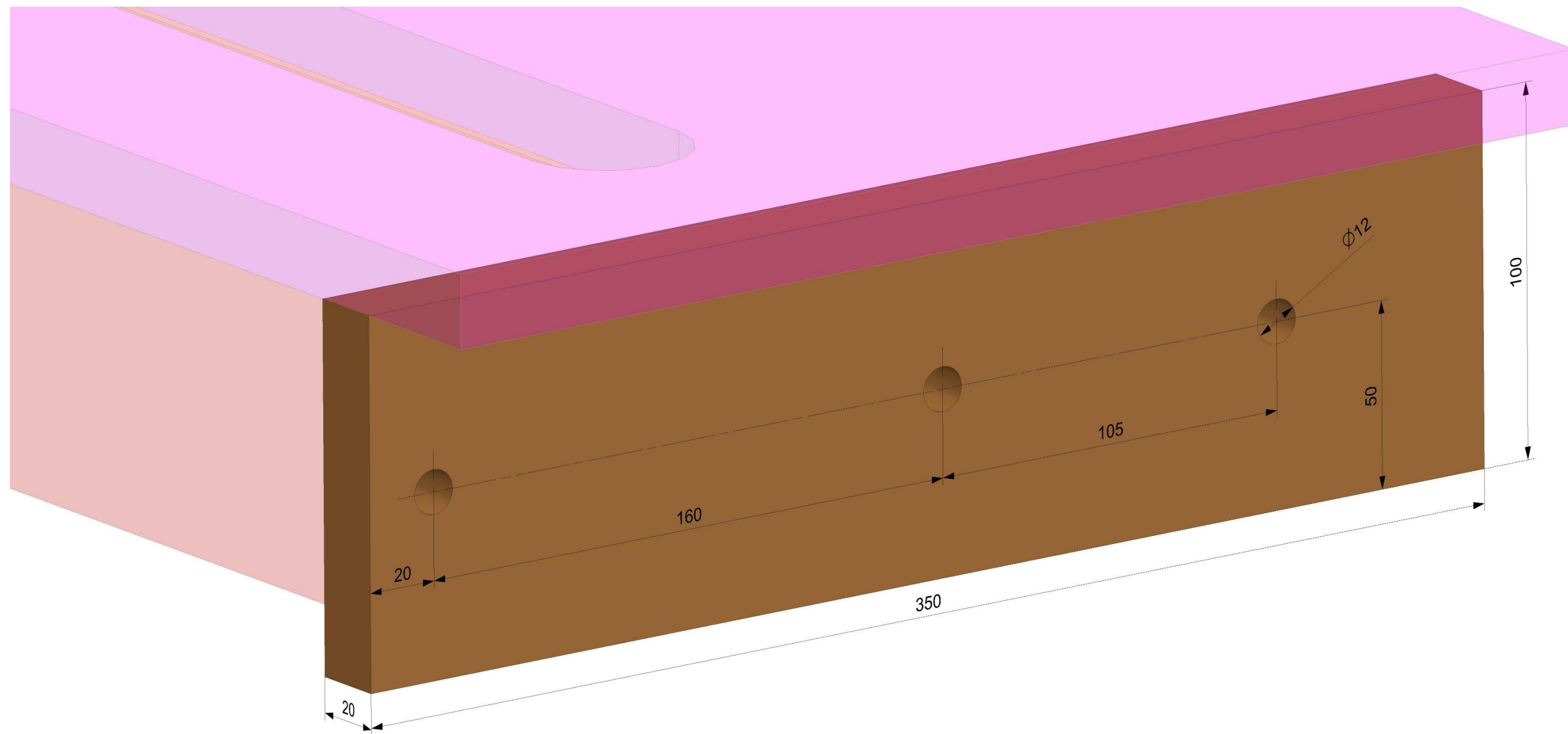


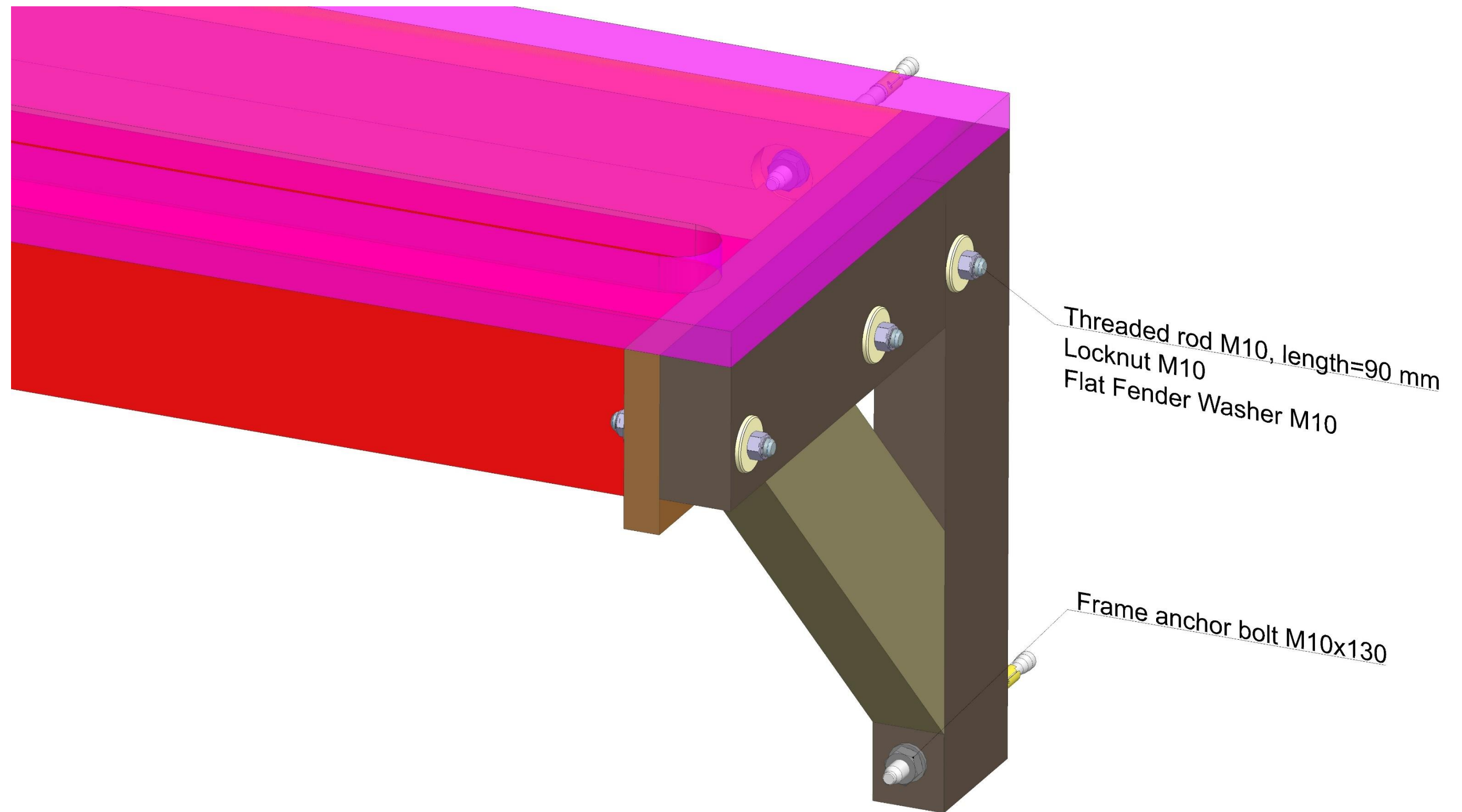






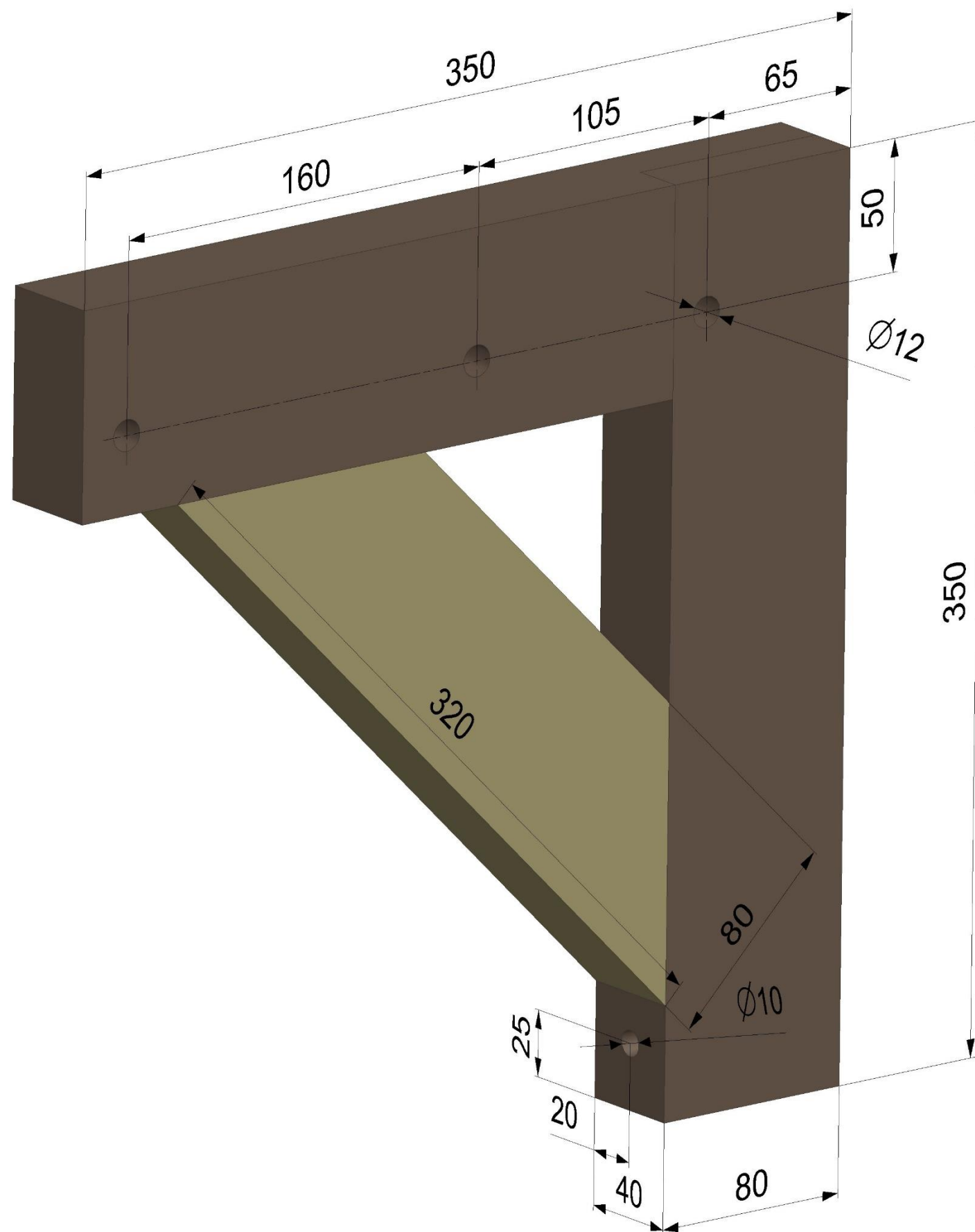


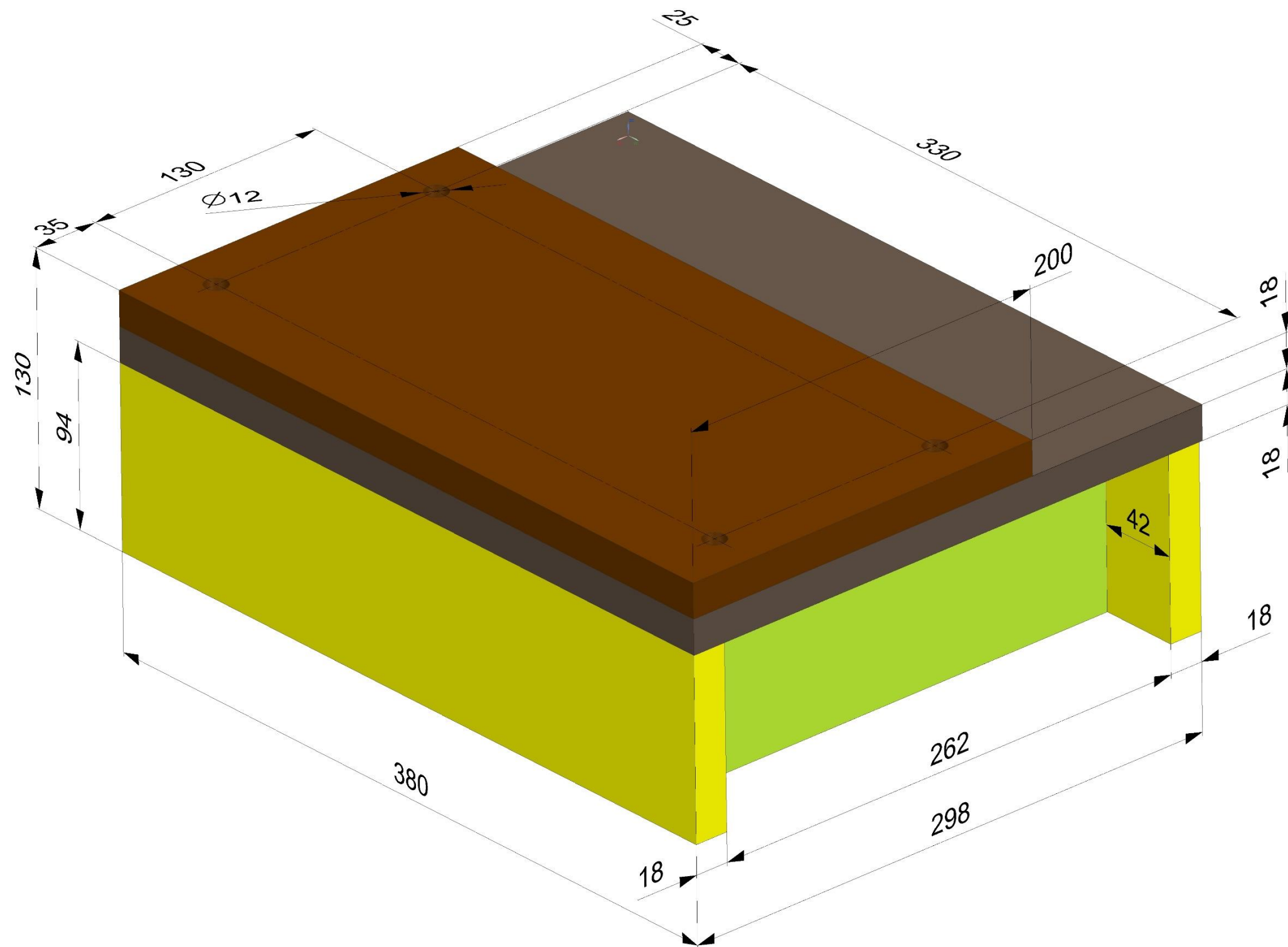


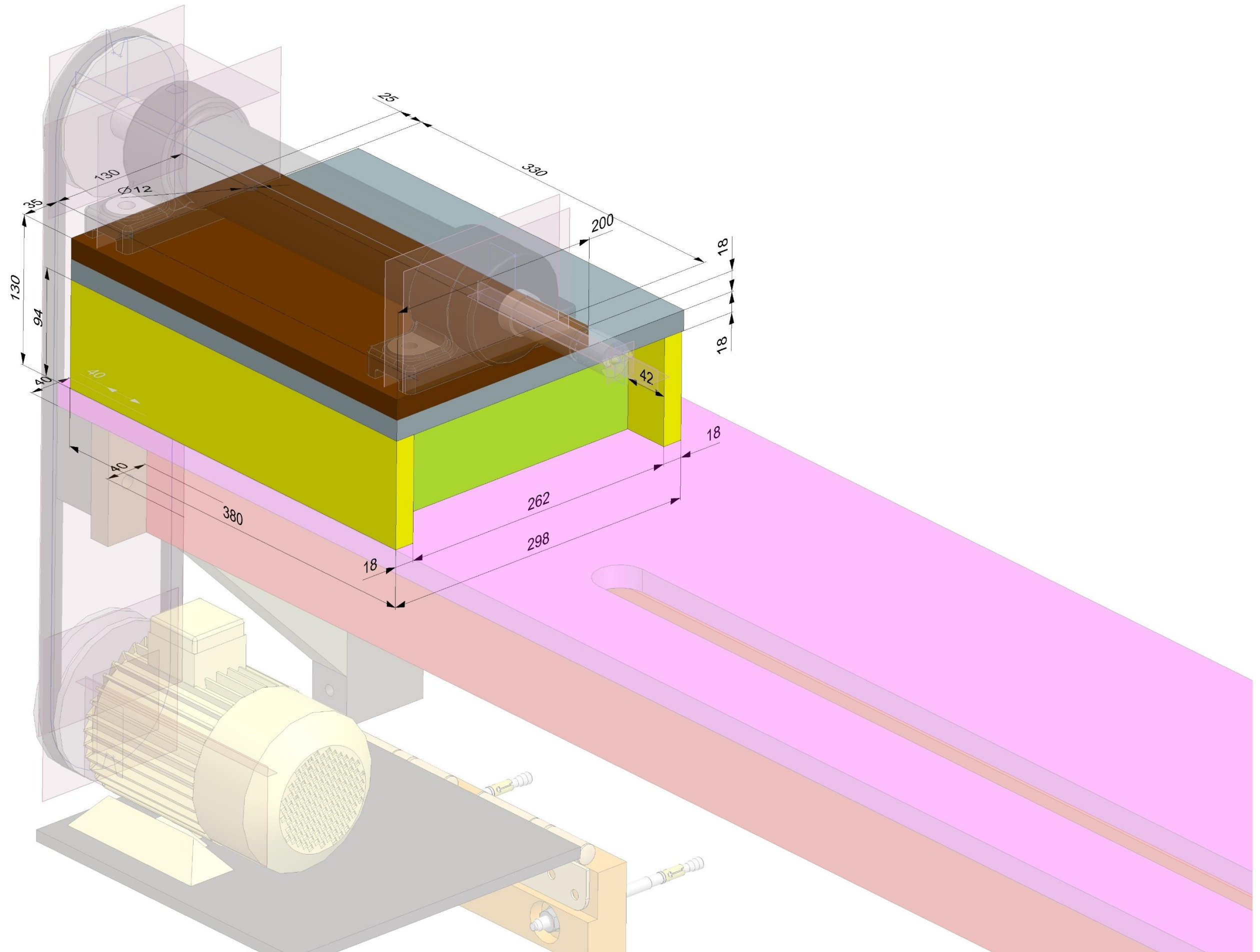


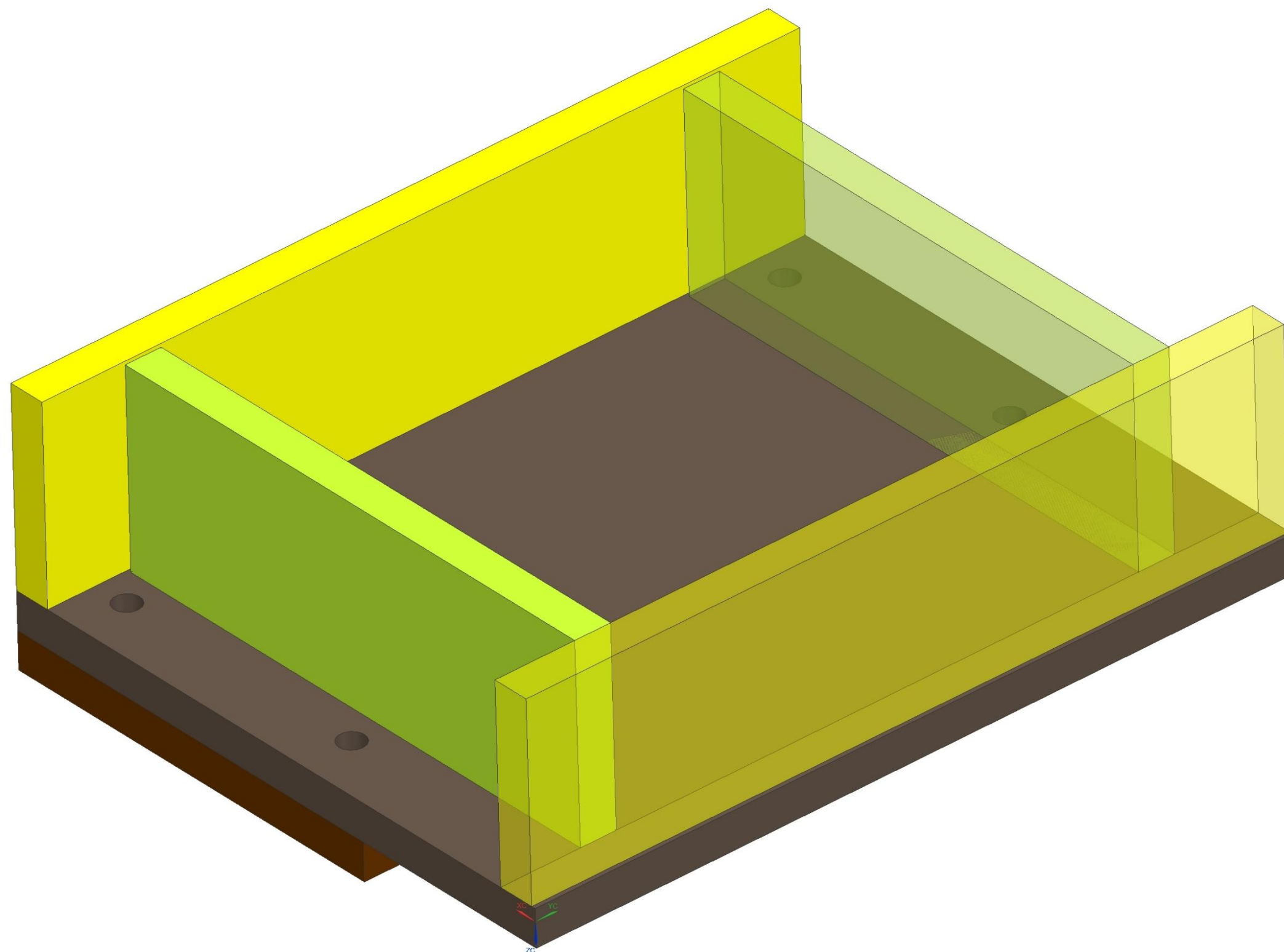
Fasteners:

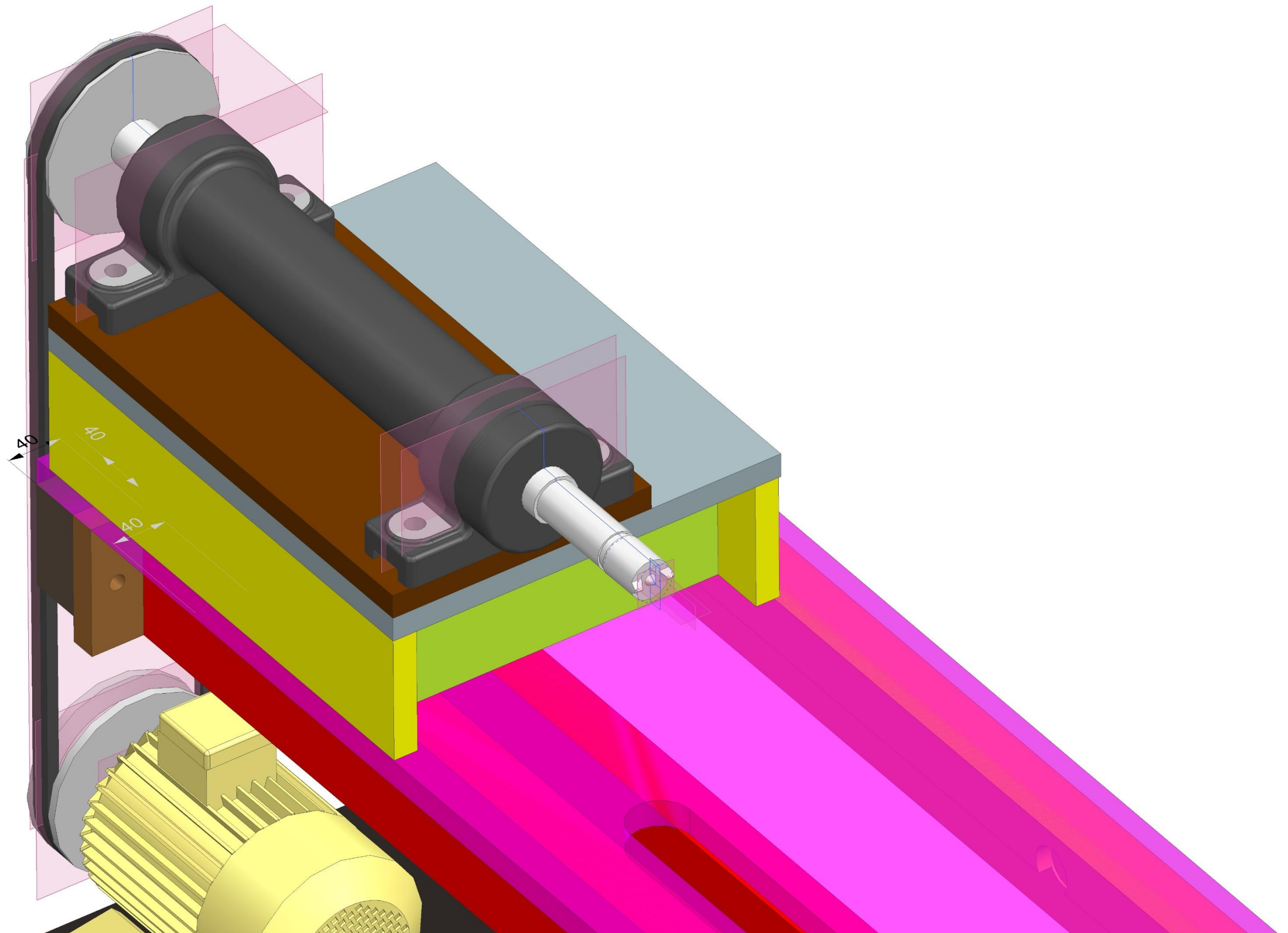
- [Threaded rod M10](#), length=90 mm x 6
- [Locknut M10](#) x 12
- [Flat Fender washer M10](#) x 12
- [Frame anchor bolt M10x130](#) x 6

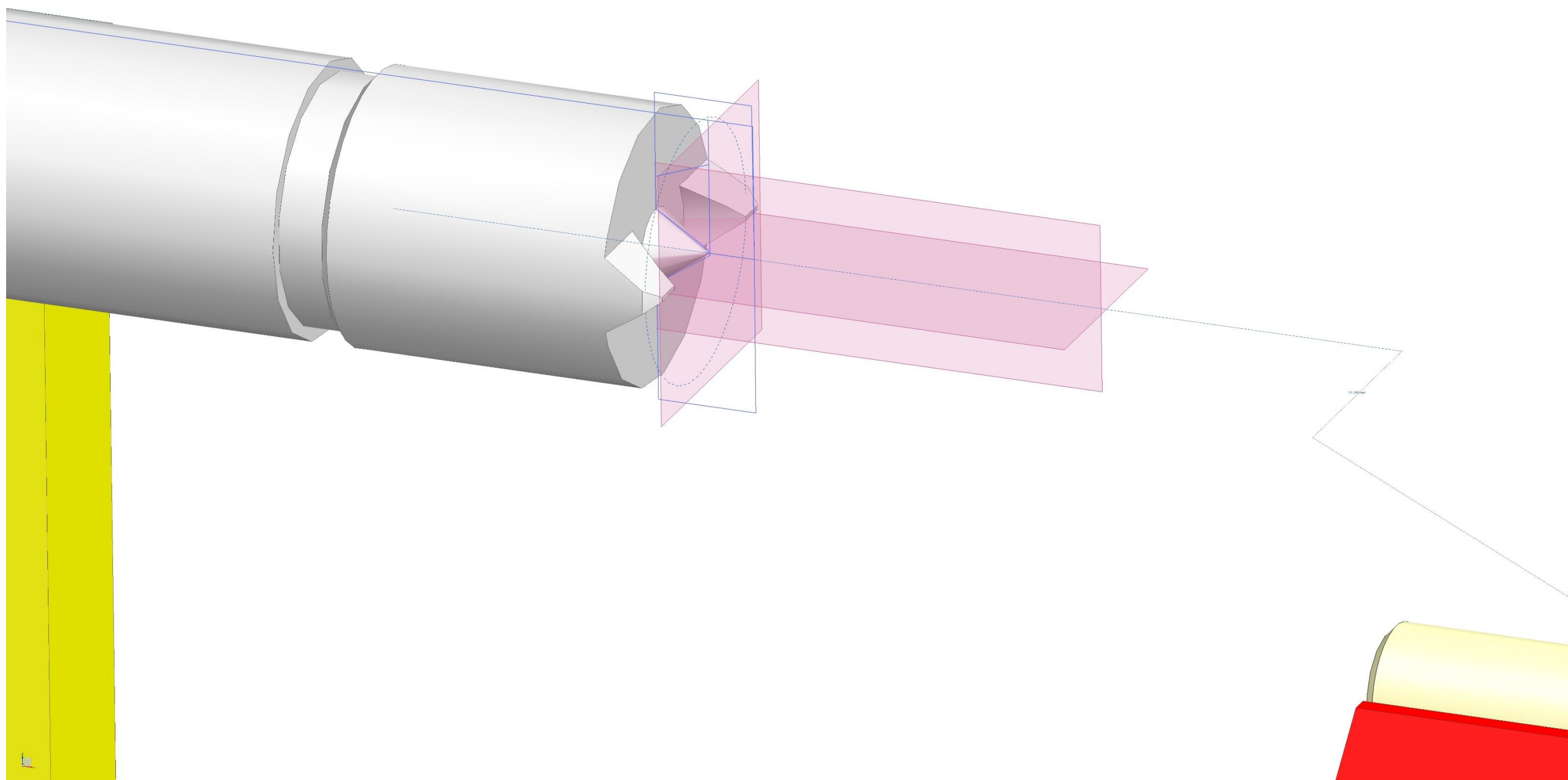


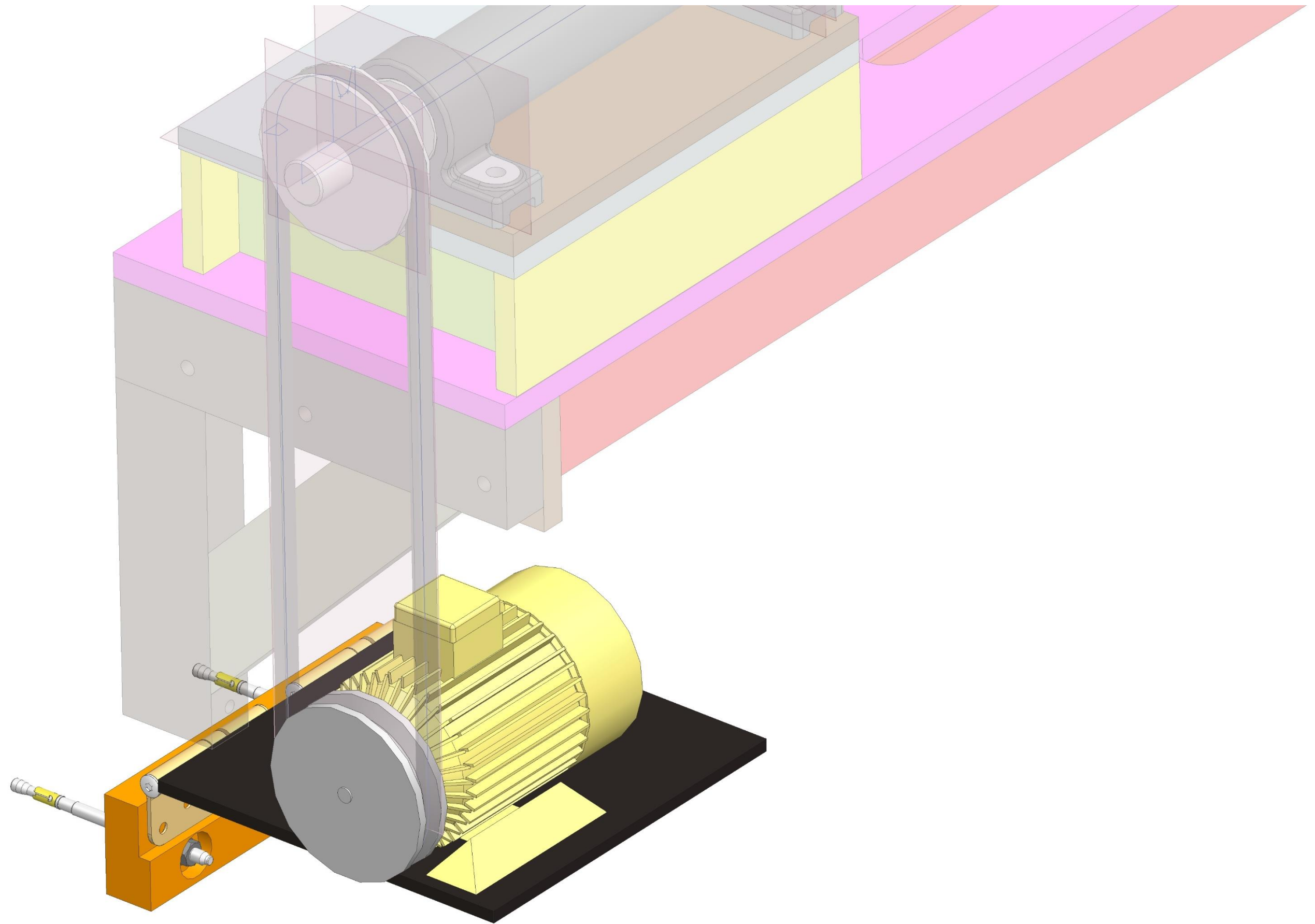




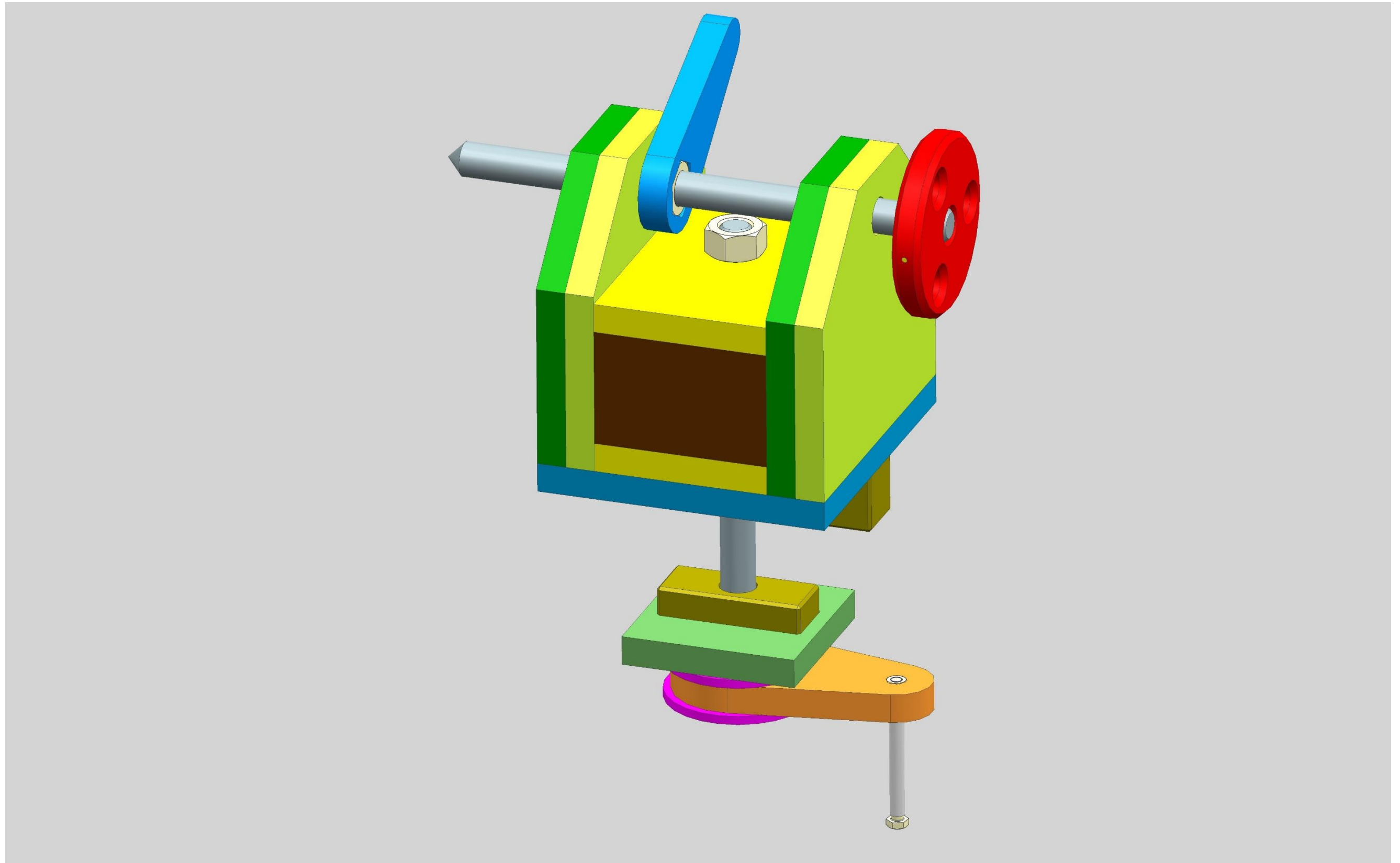


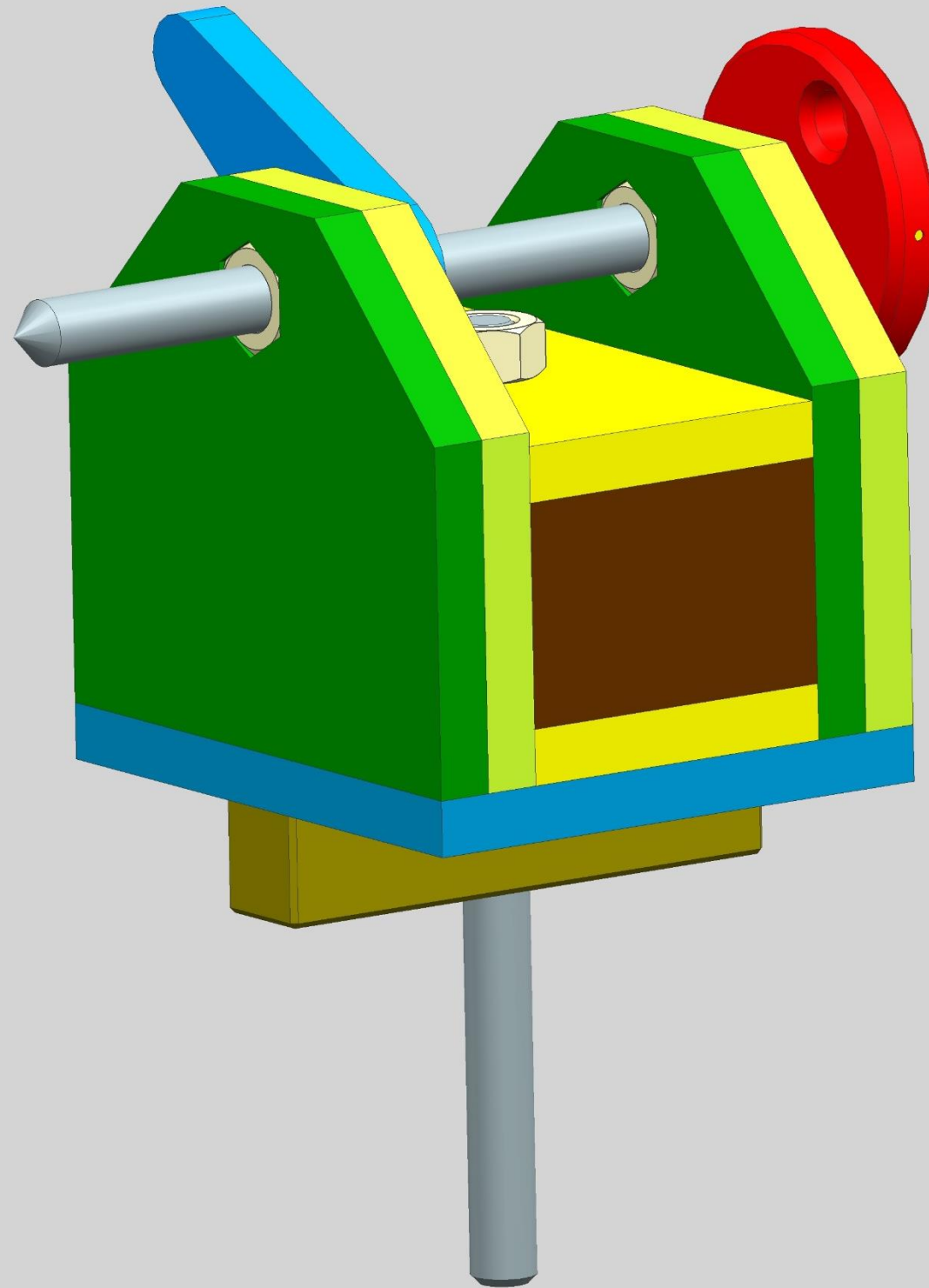


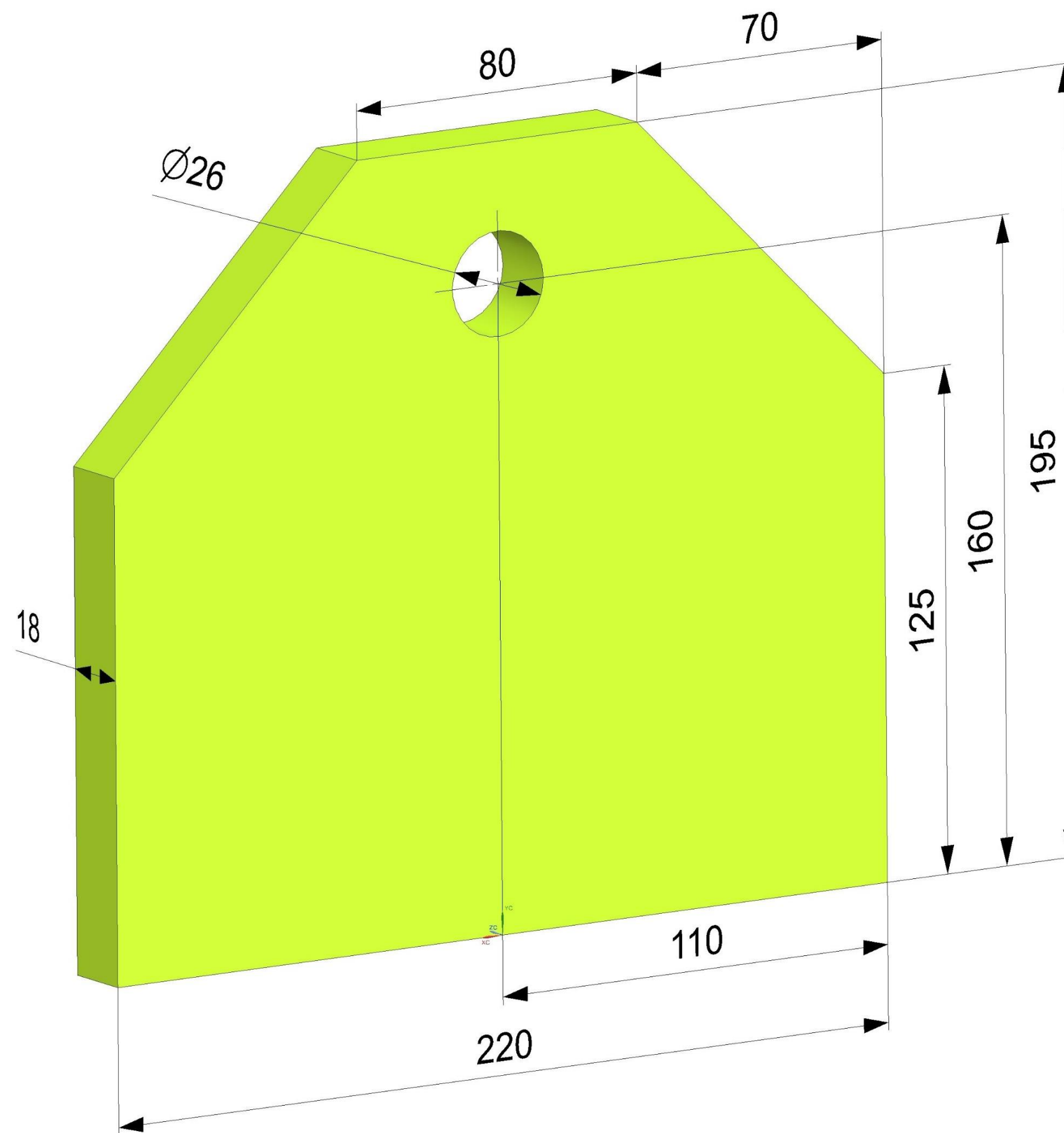


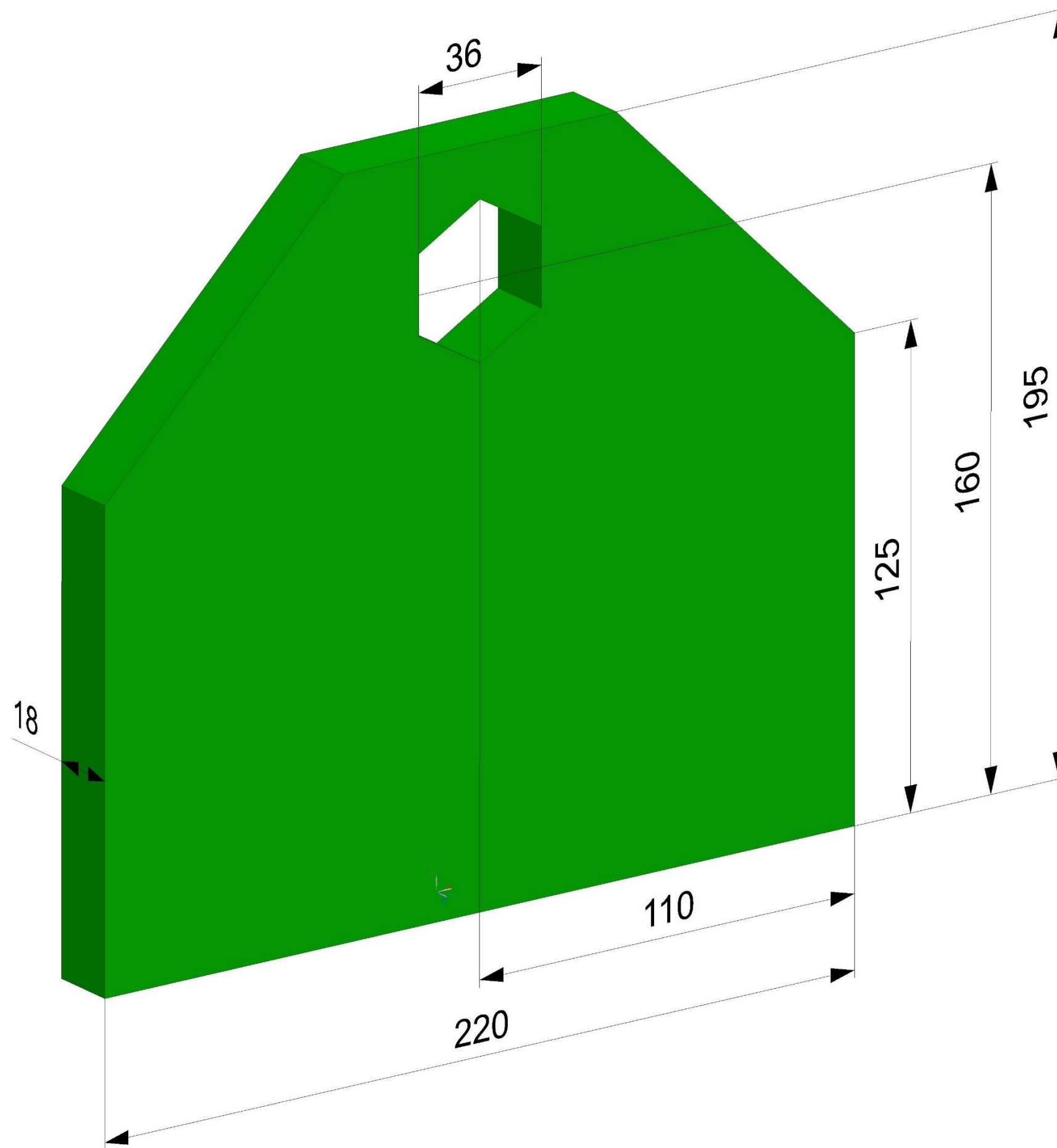


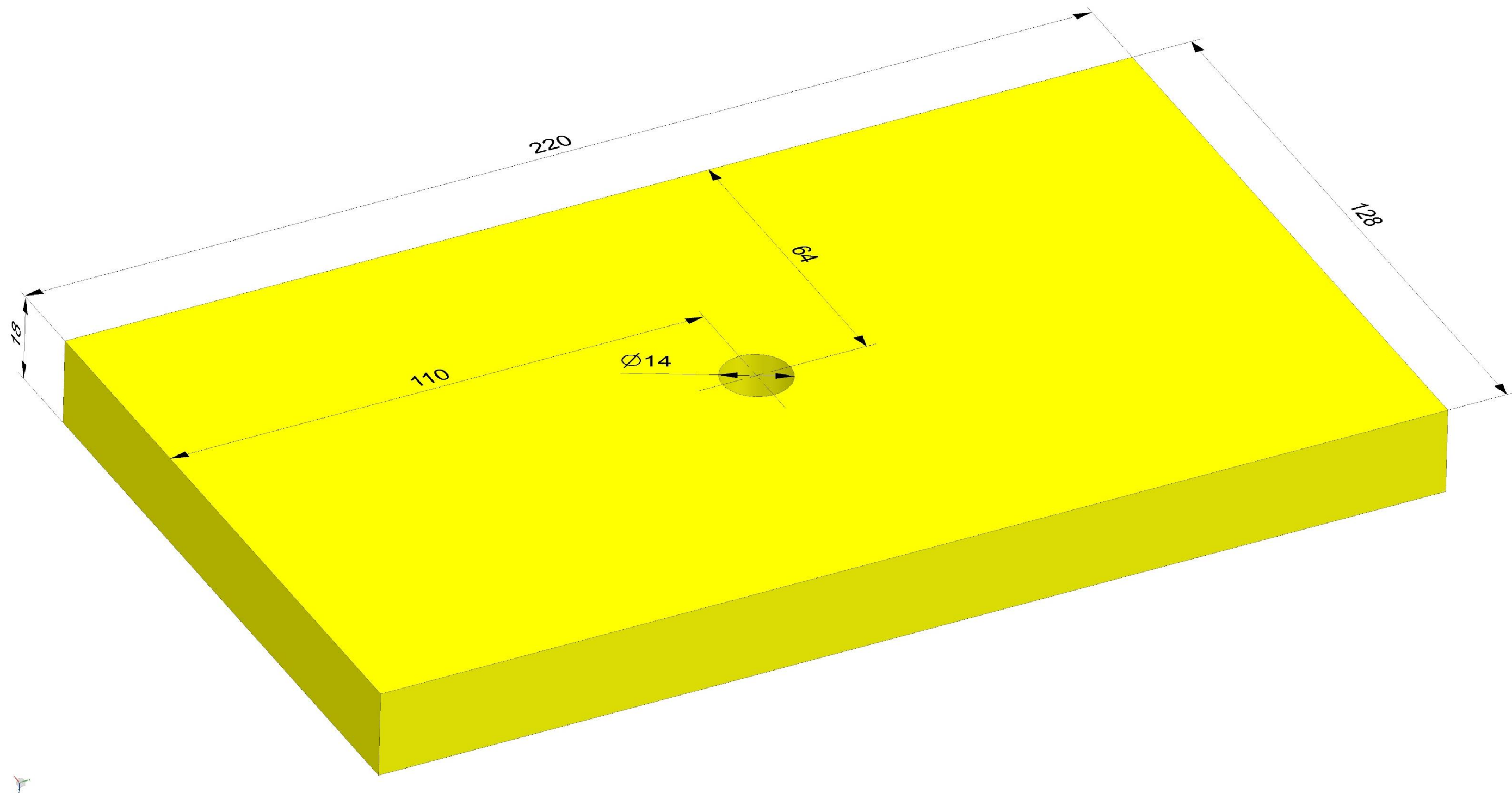
Lathe Tailstock

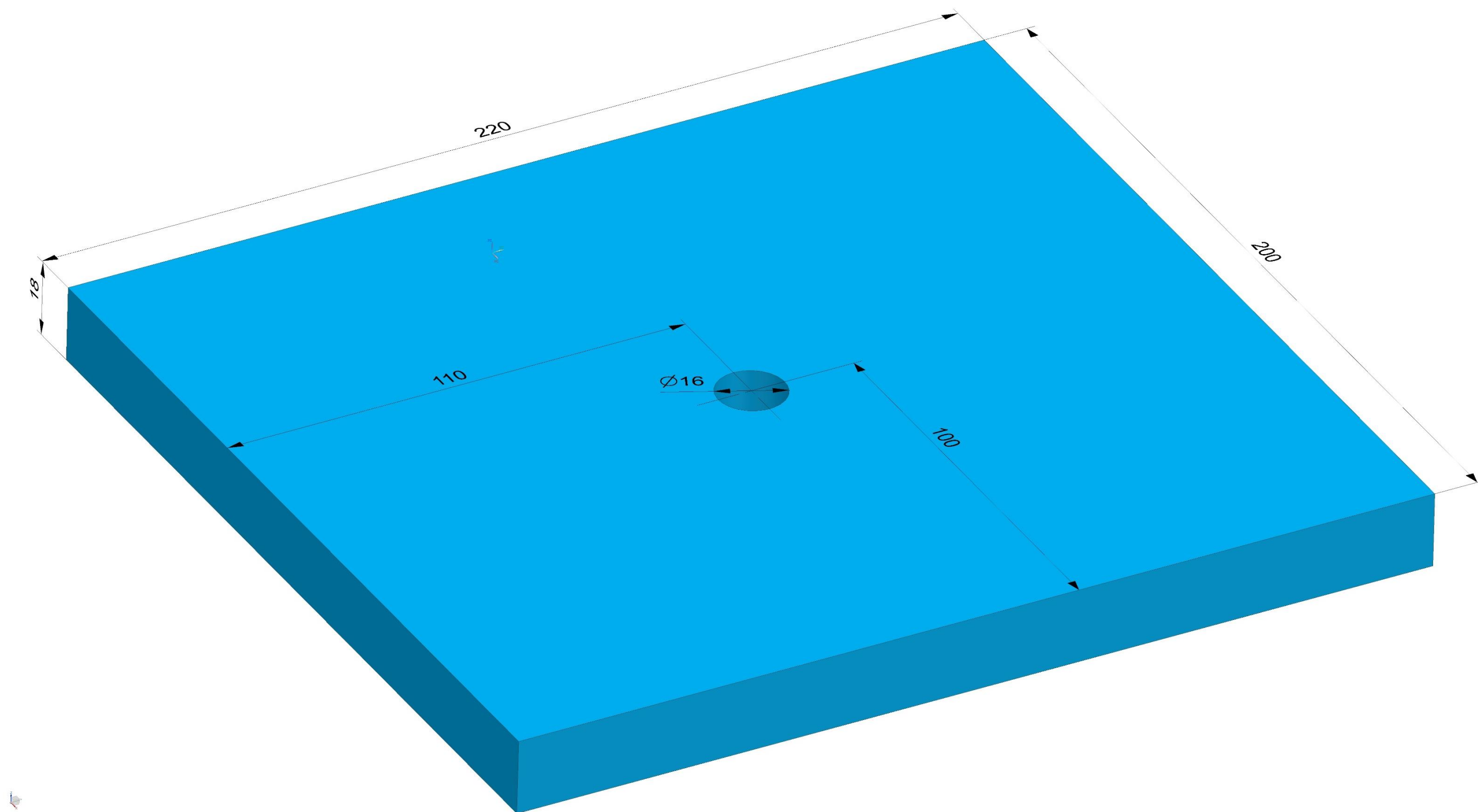


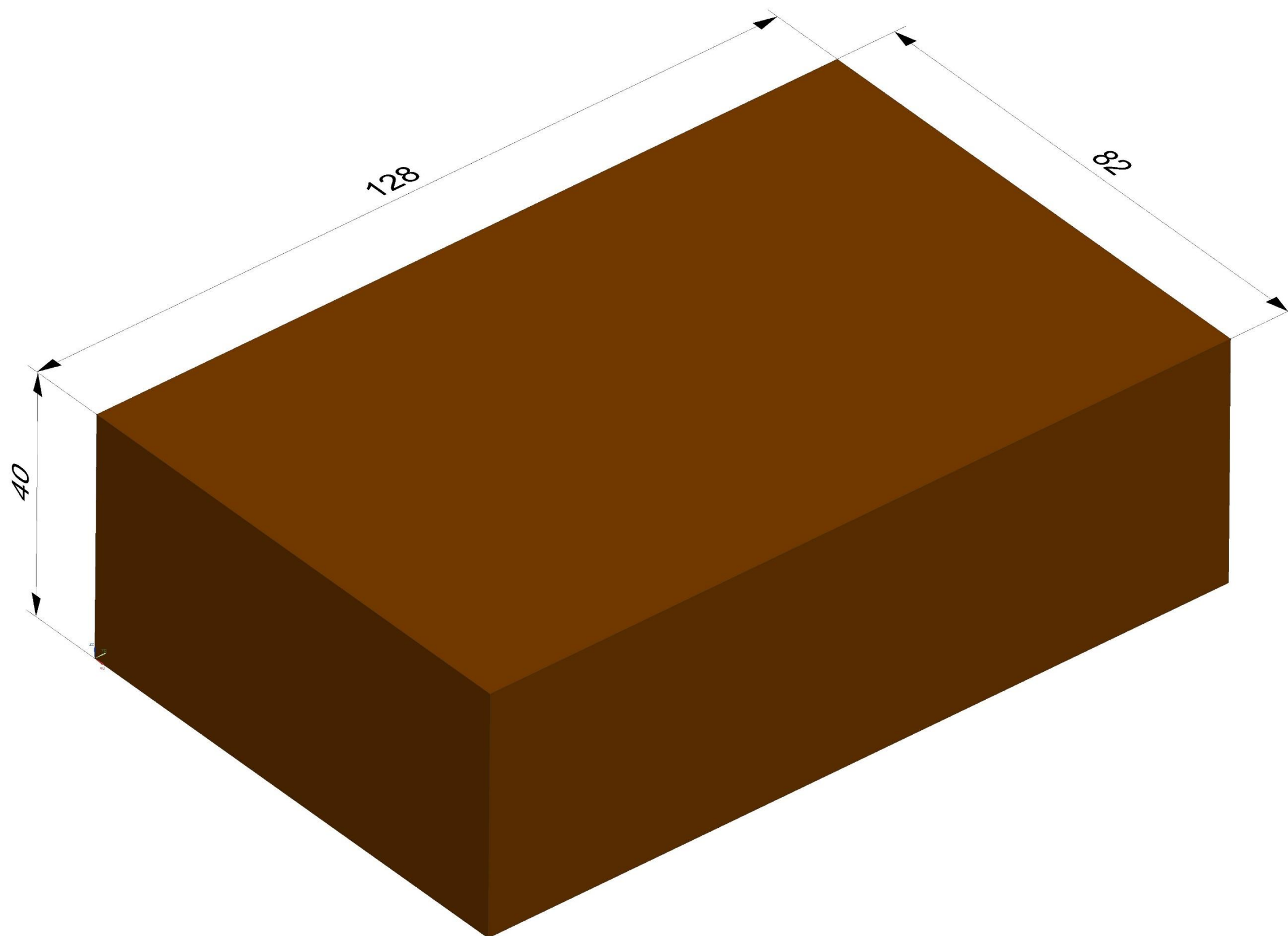


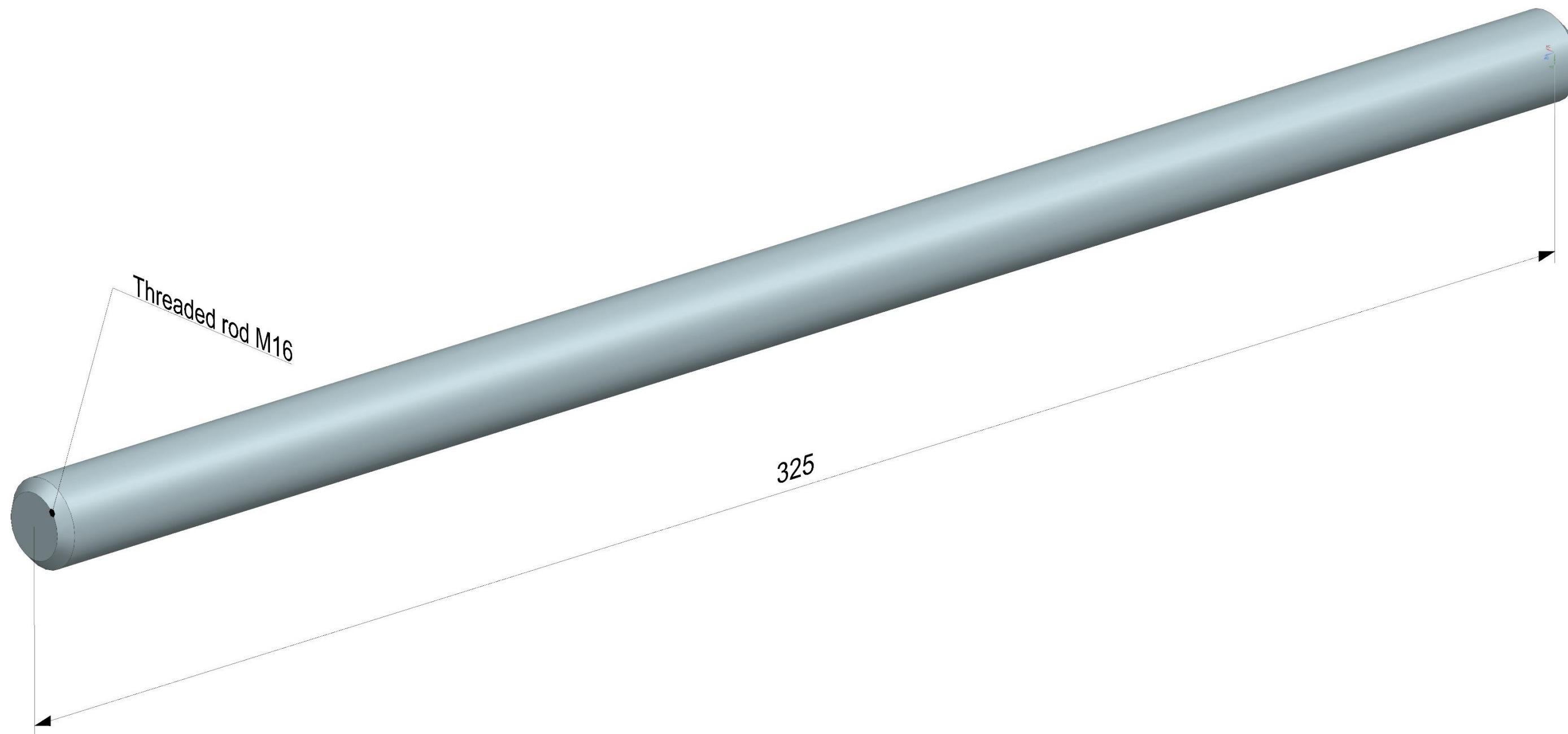


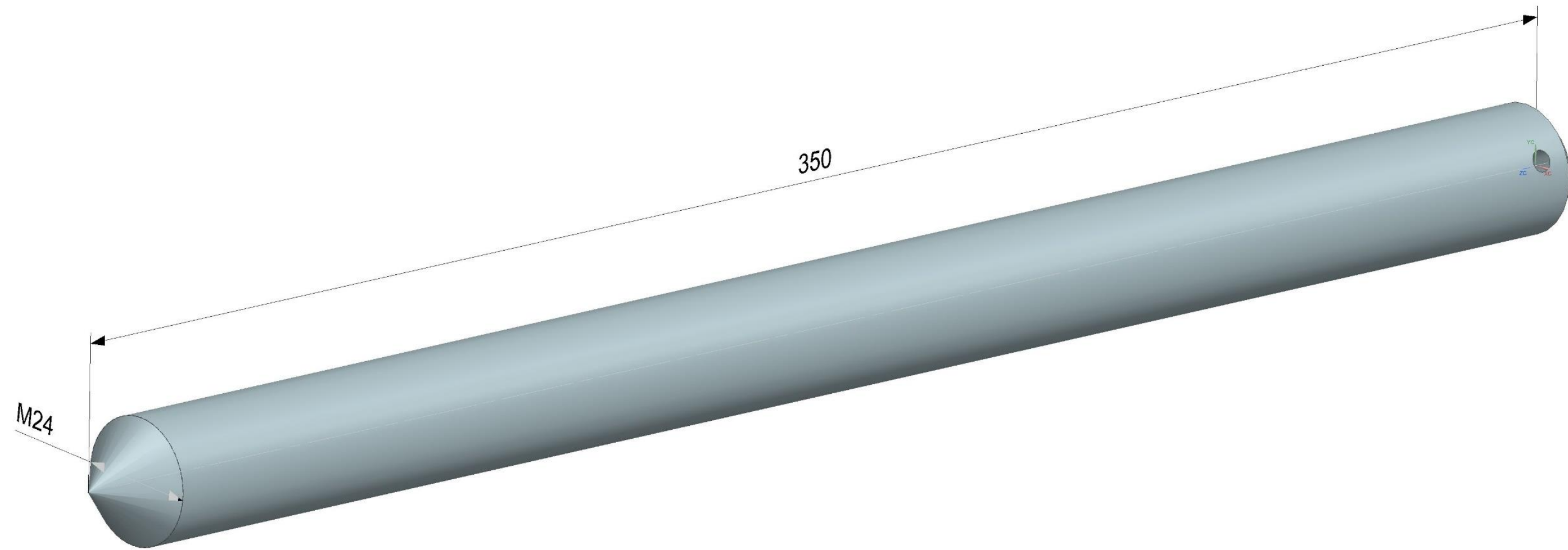


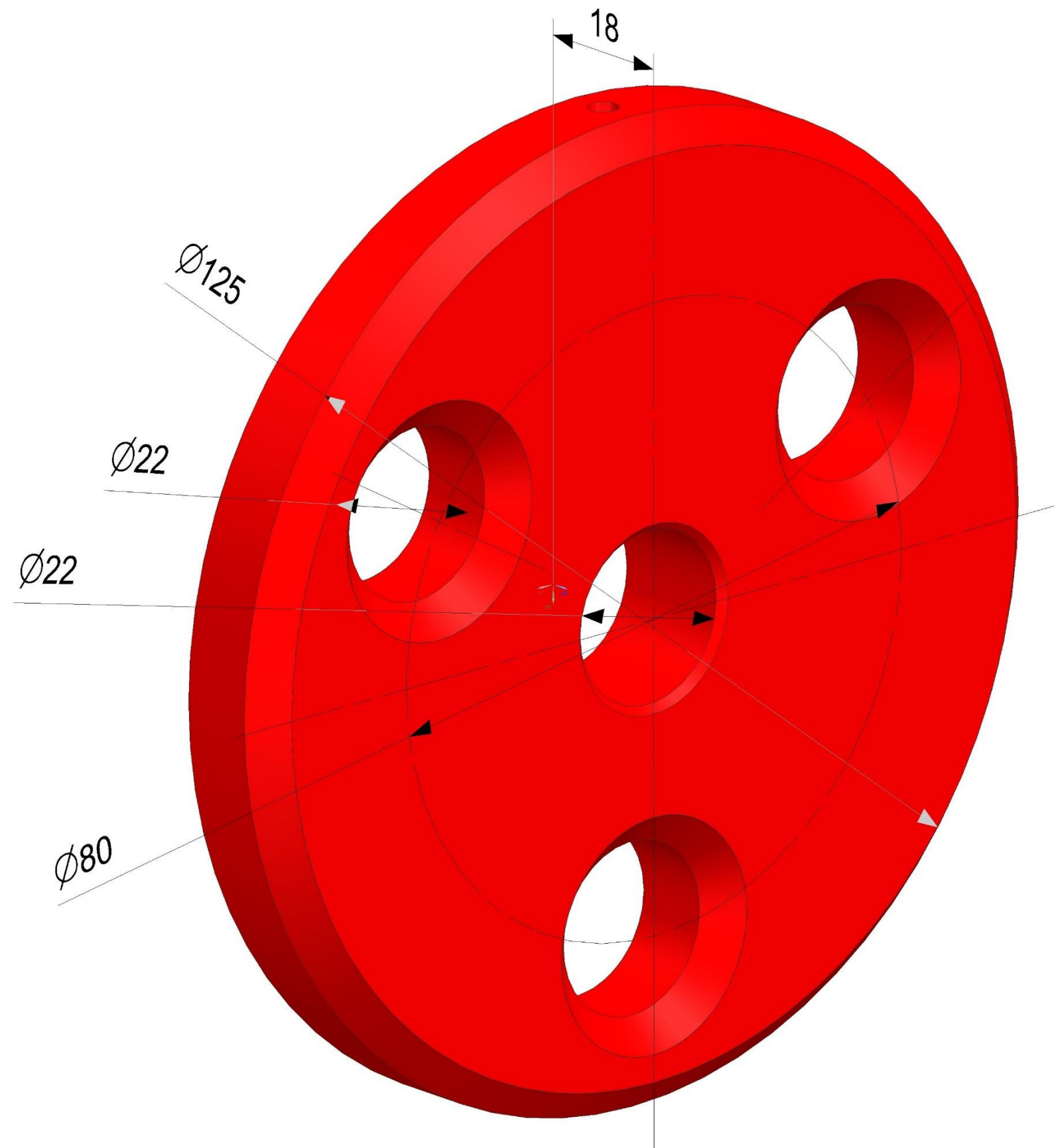


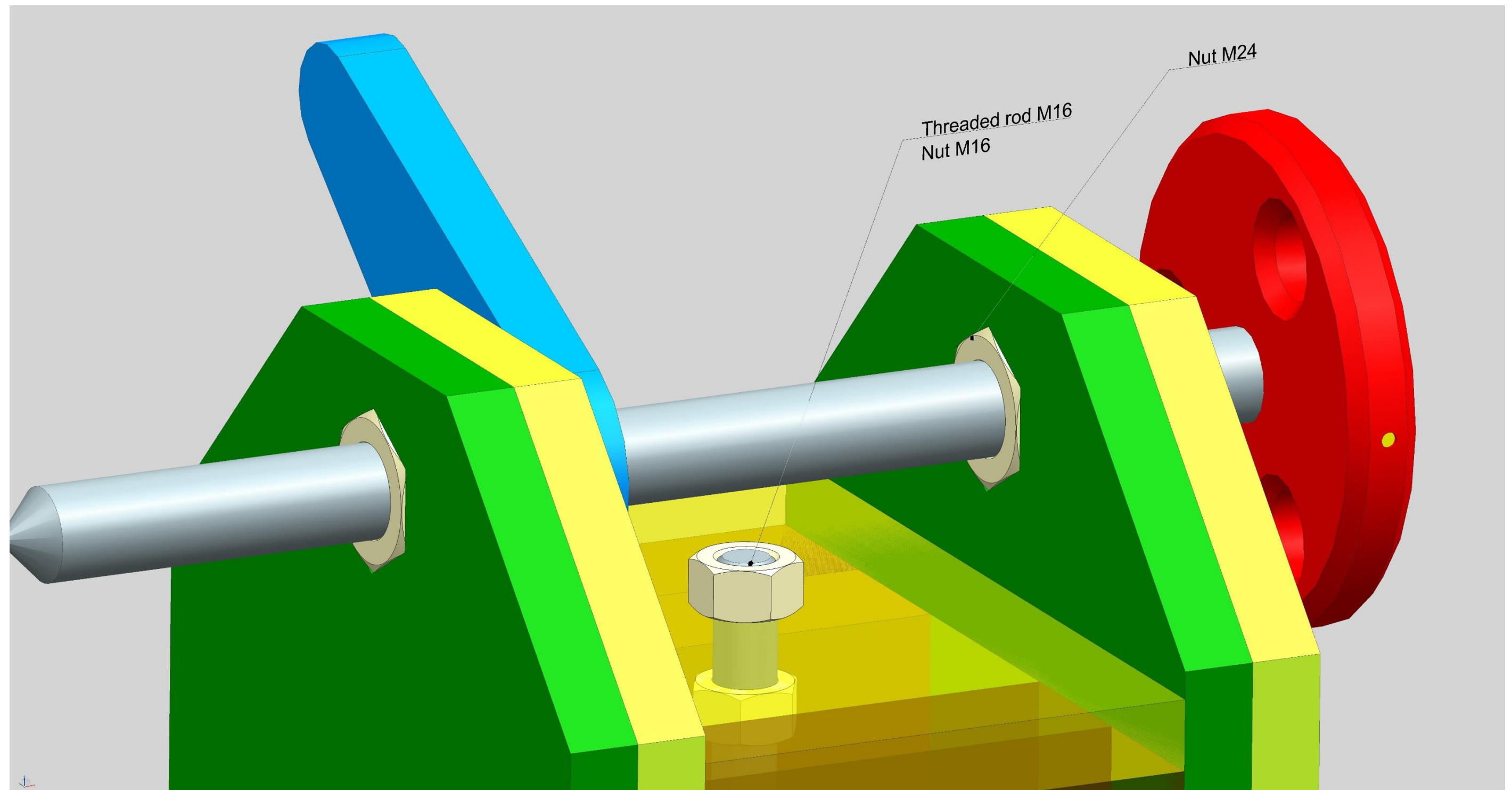






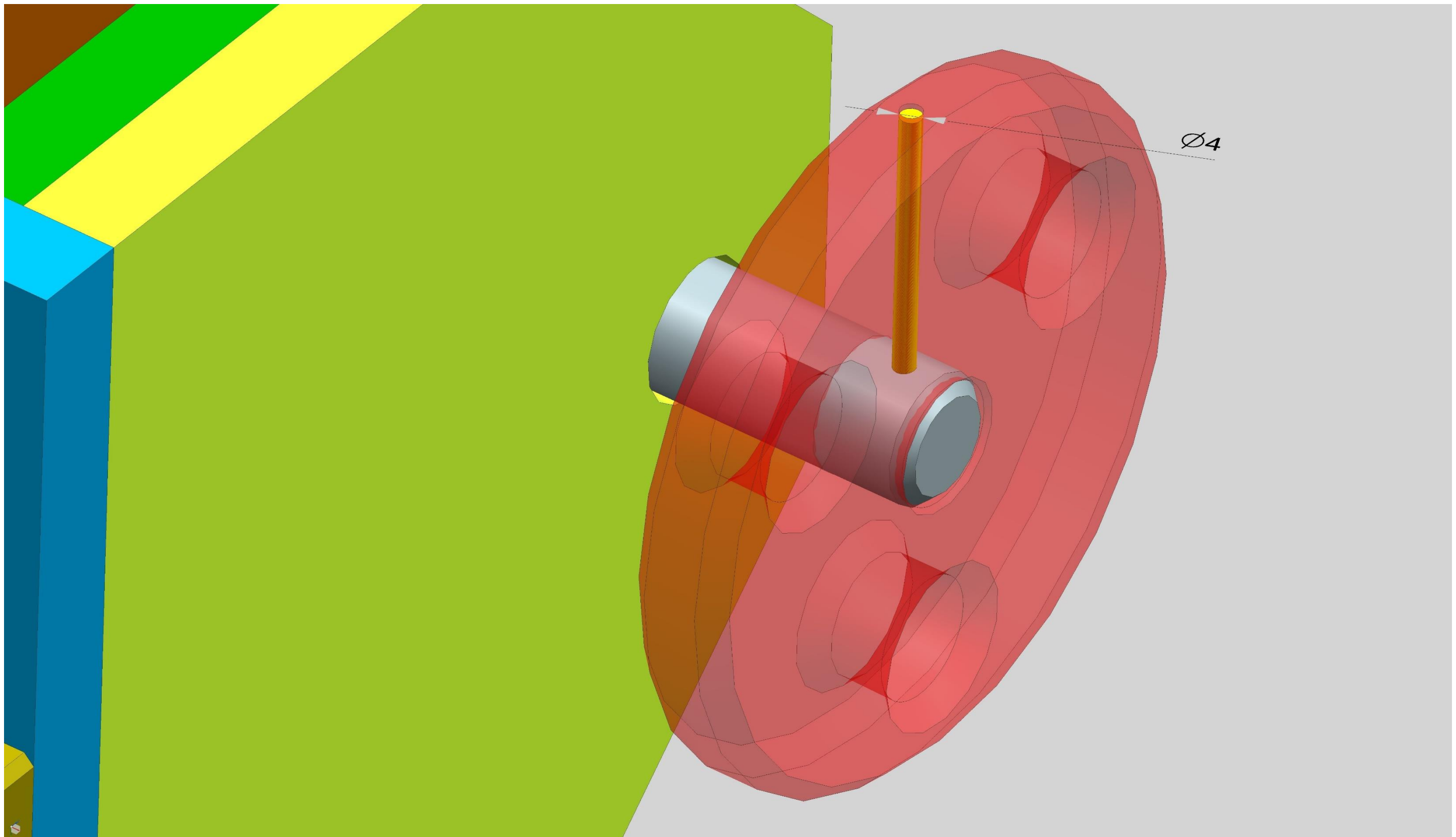






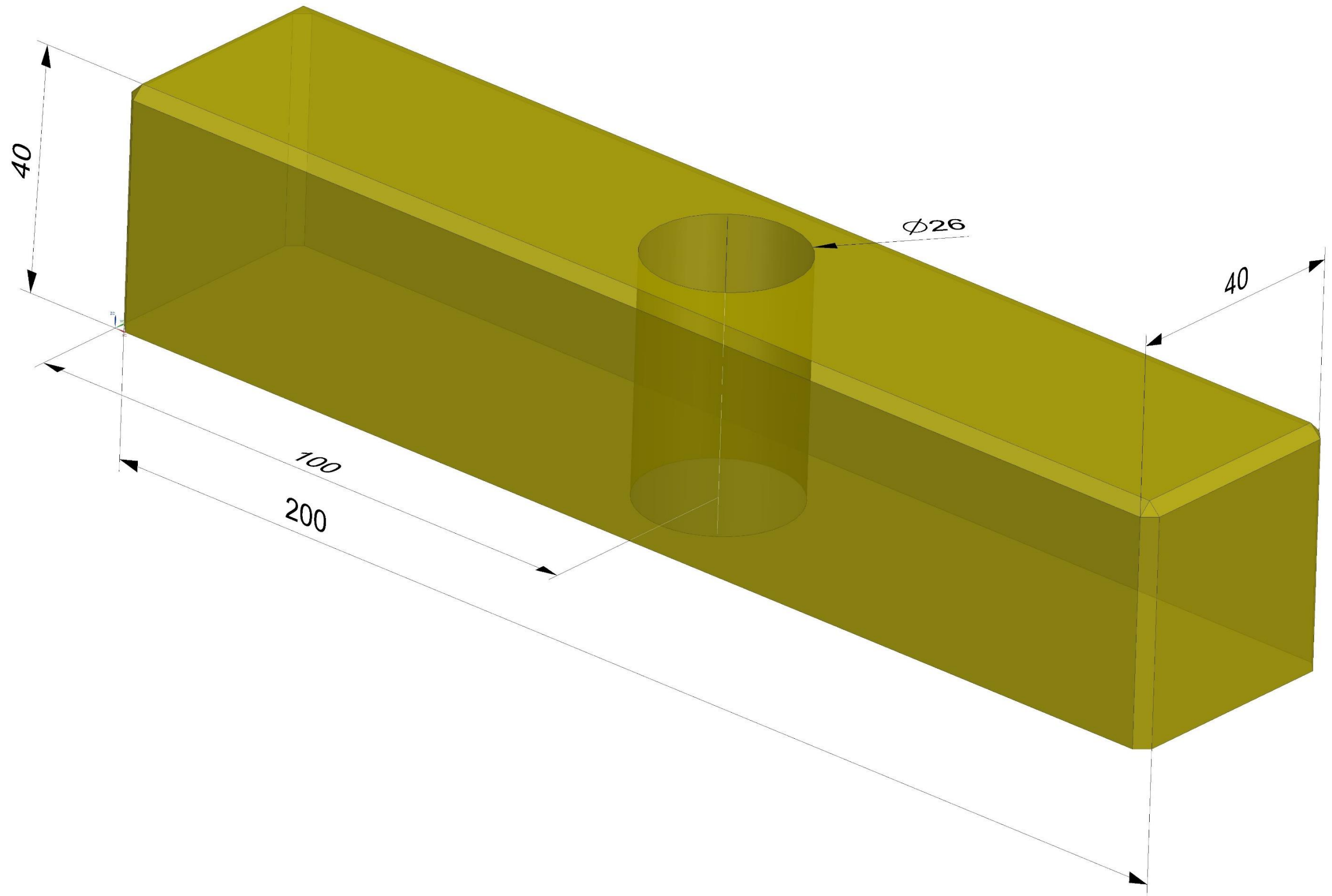
Fasteners:

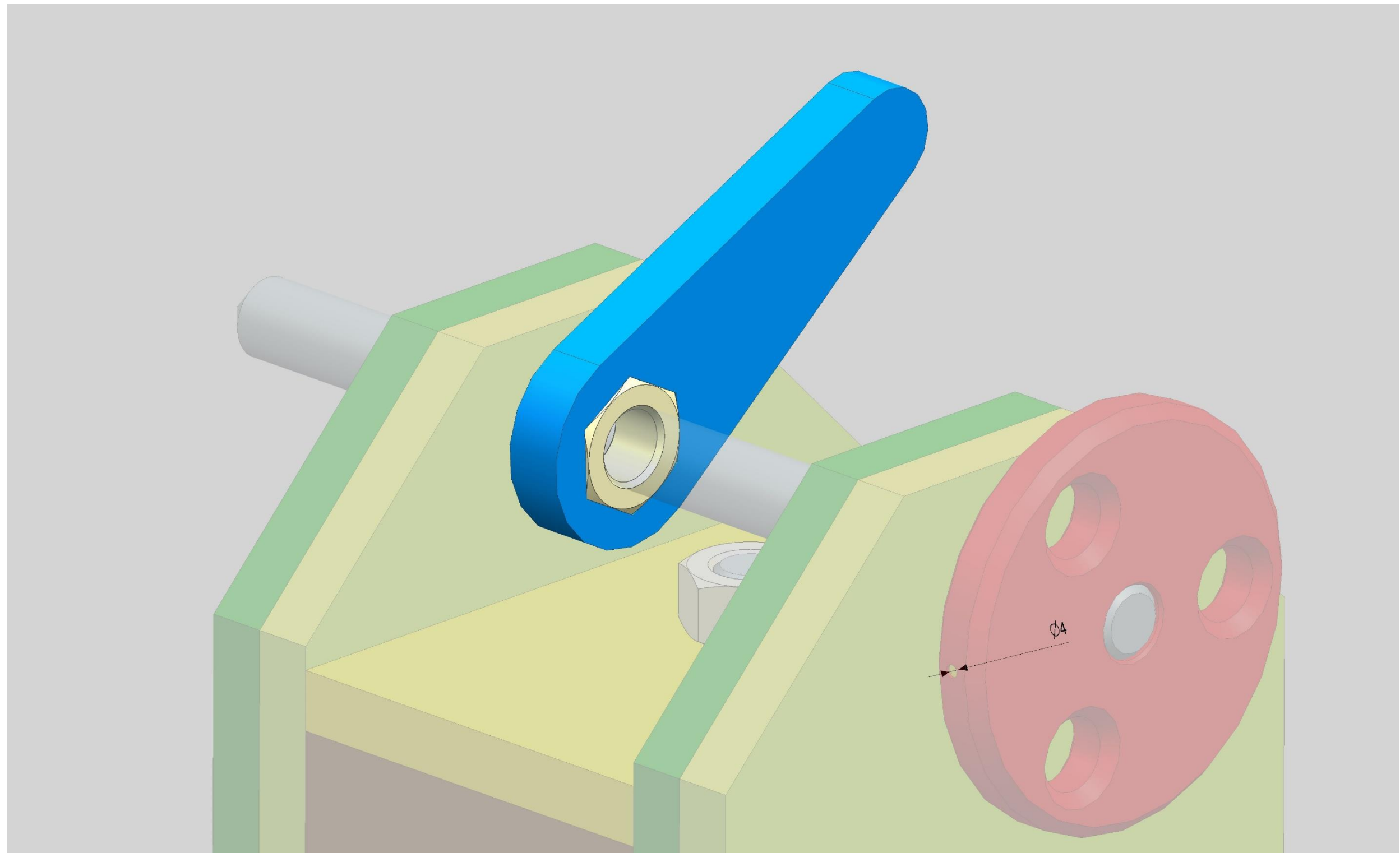
- Threaded rod M16
- [Nut M16](#) x 2
- [Nut M24](#) x 2

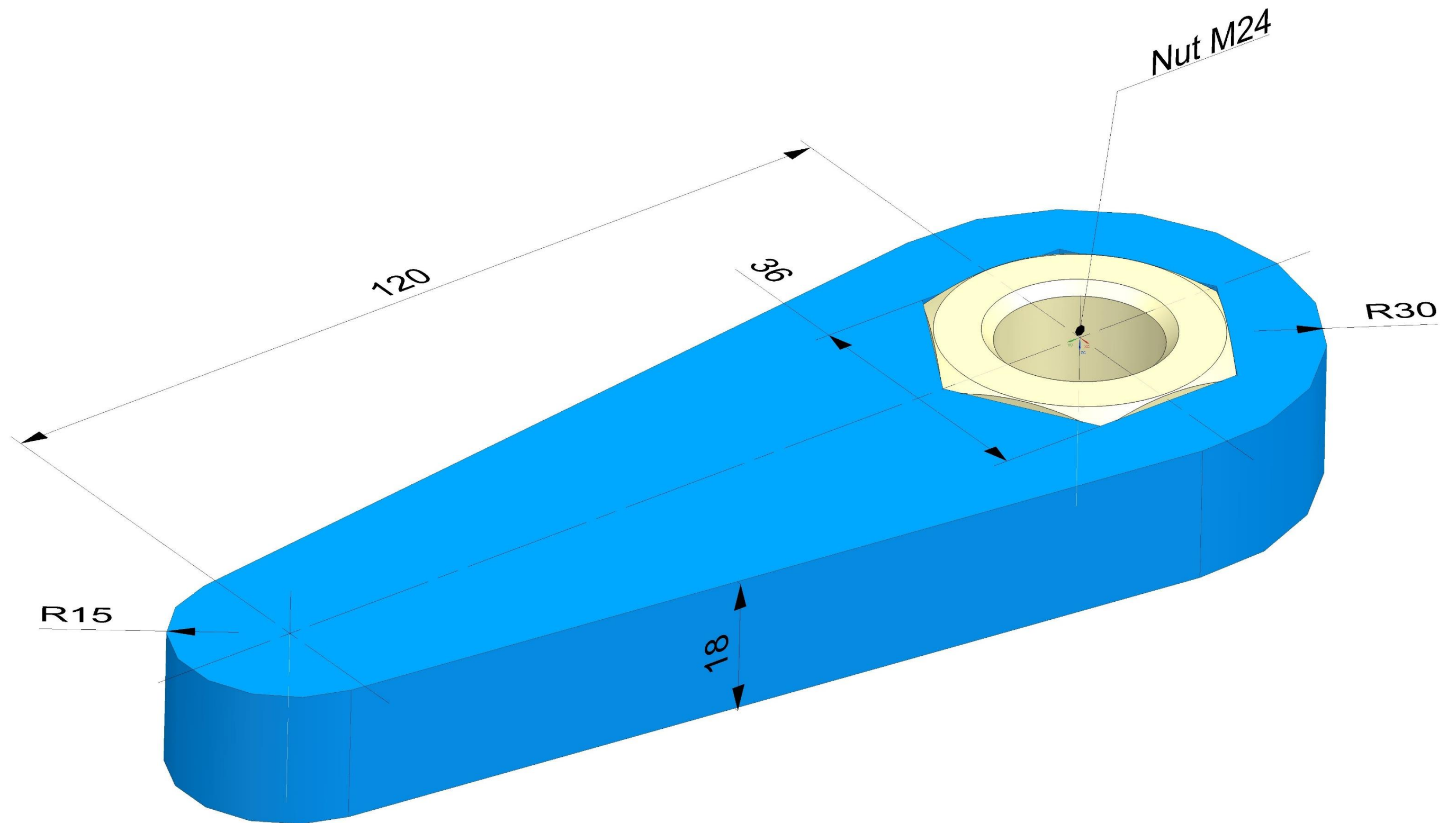


Fasteners:

- Nail

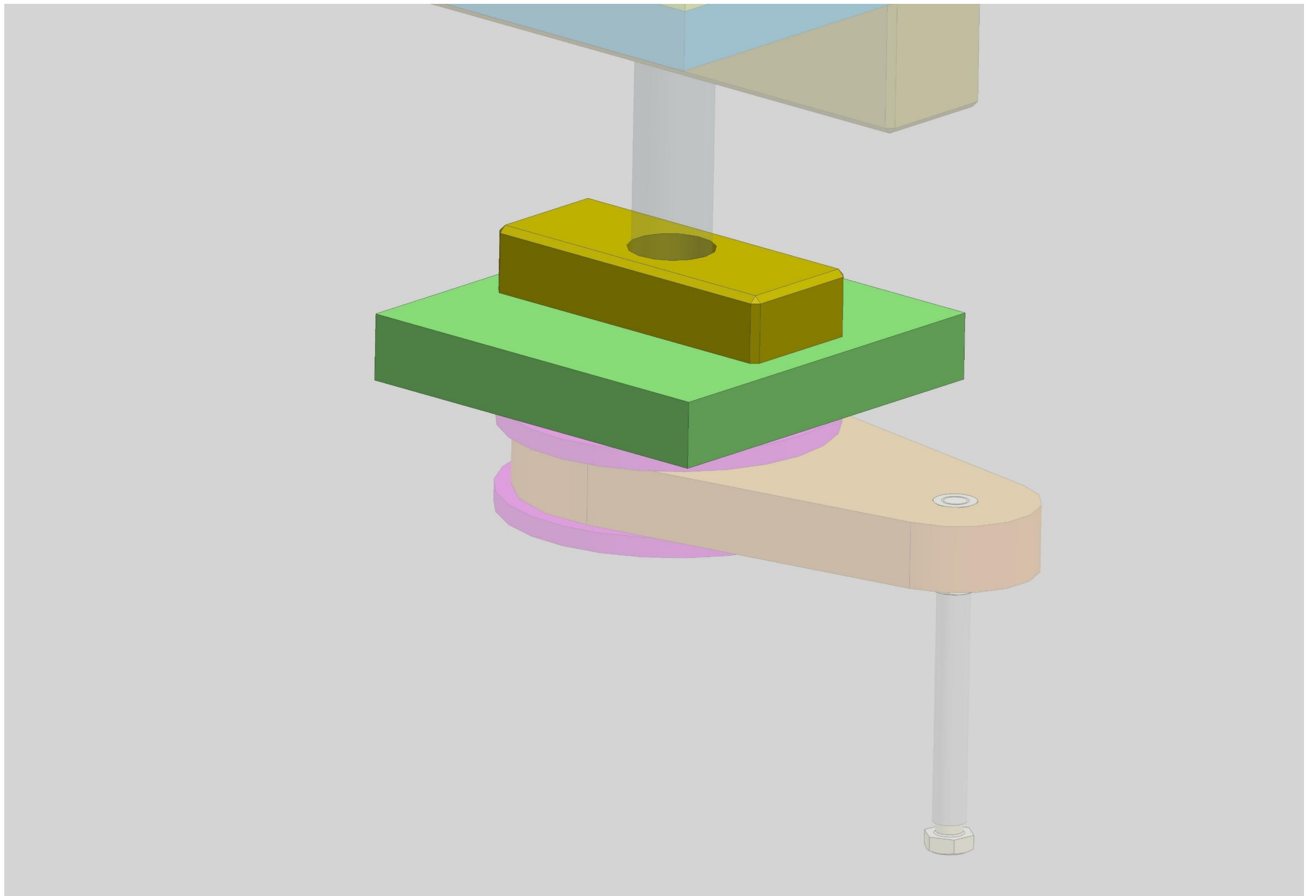


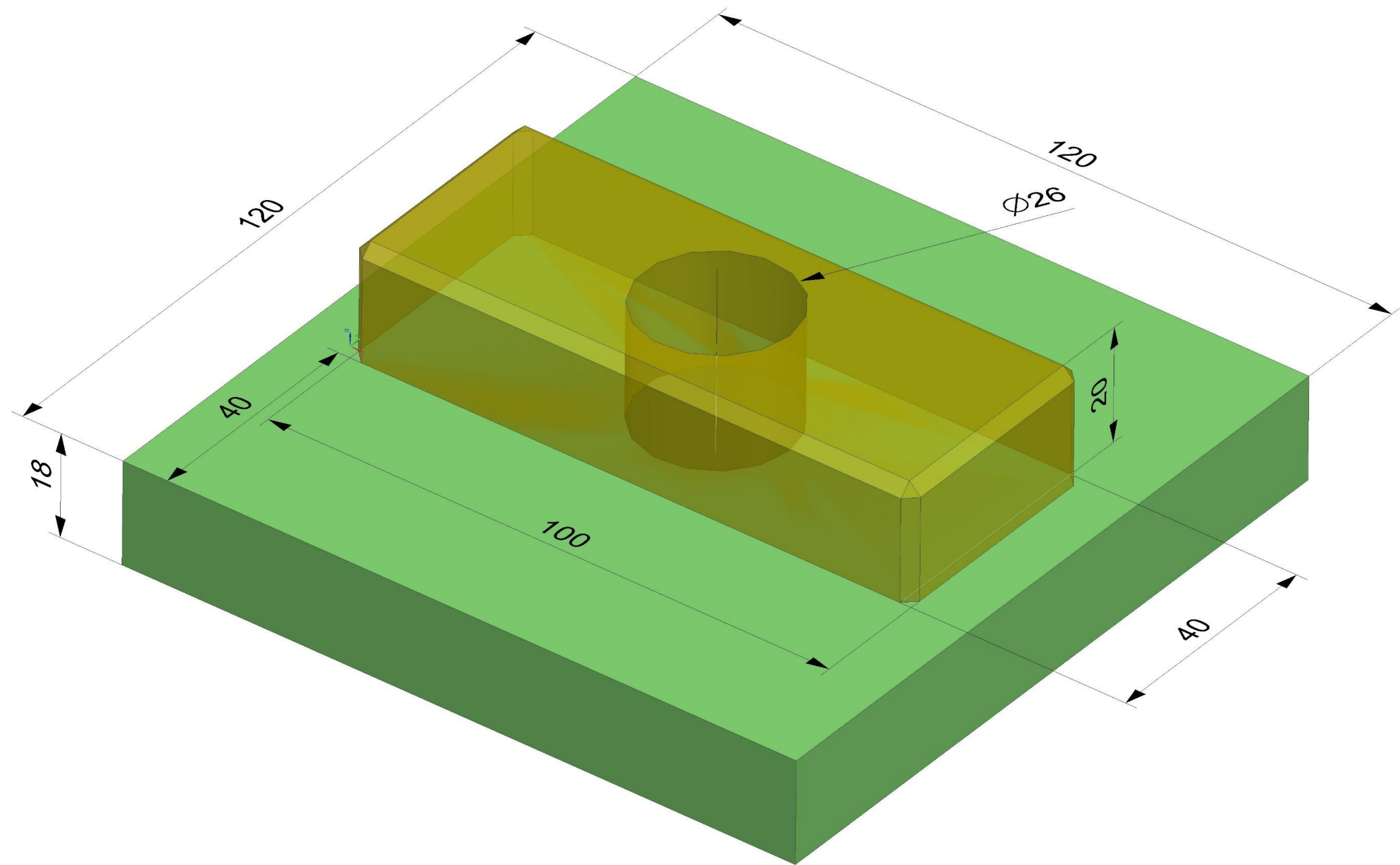


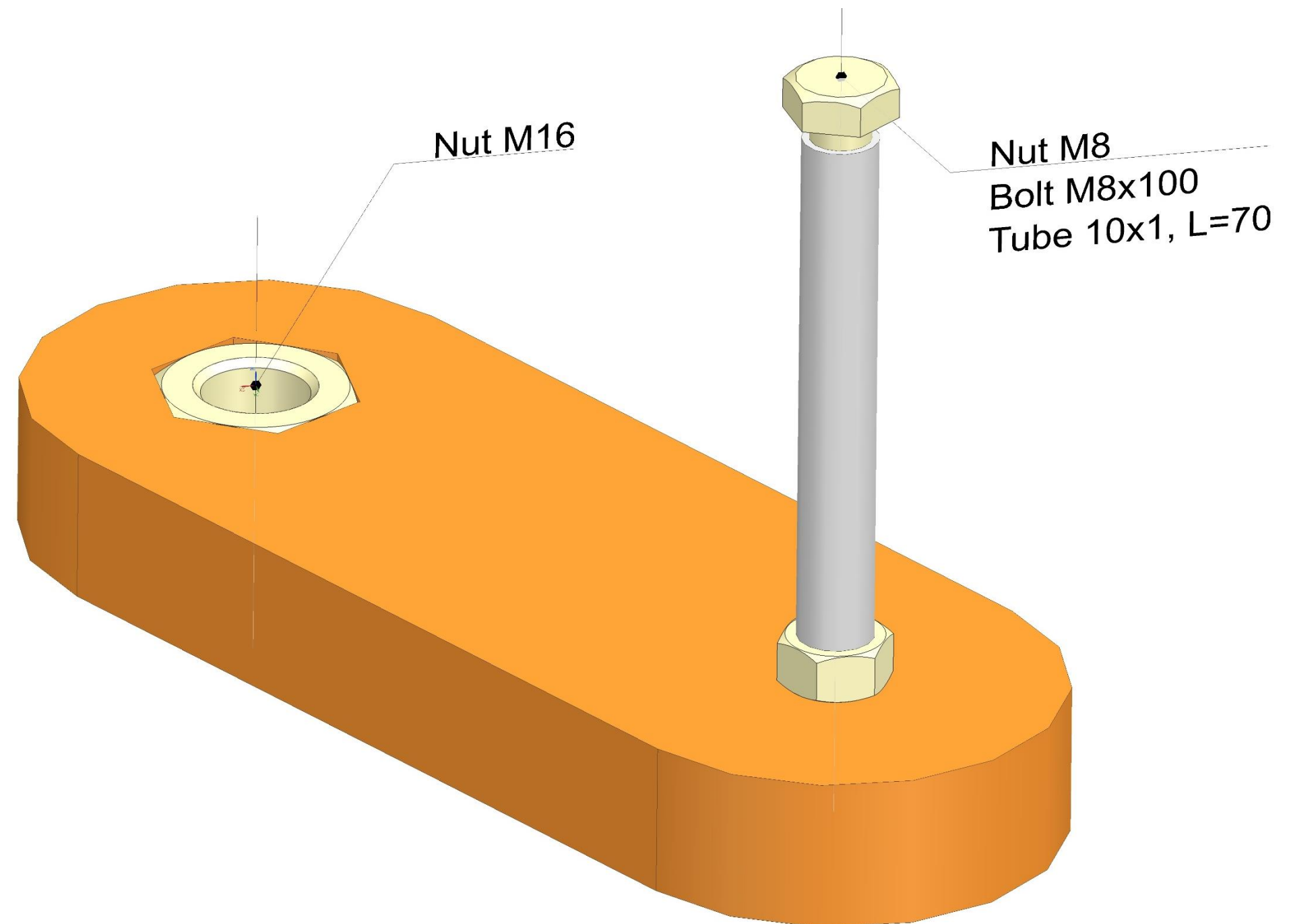


Fasteners:

- [Nut M24](#)

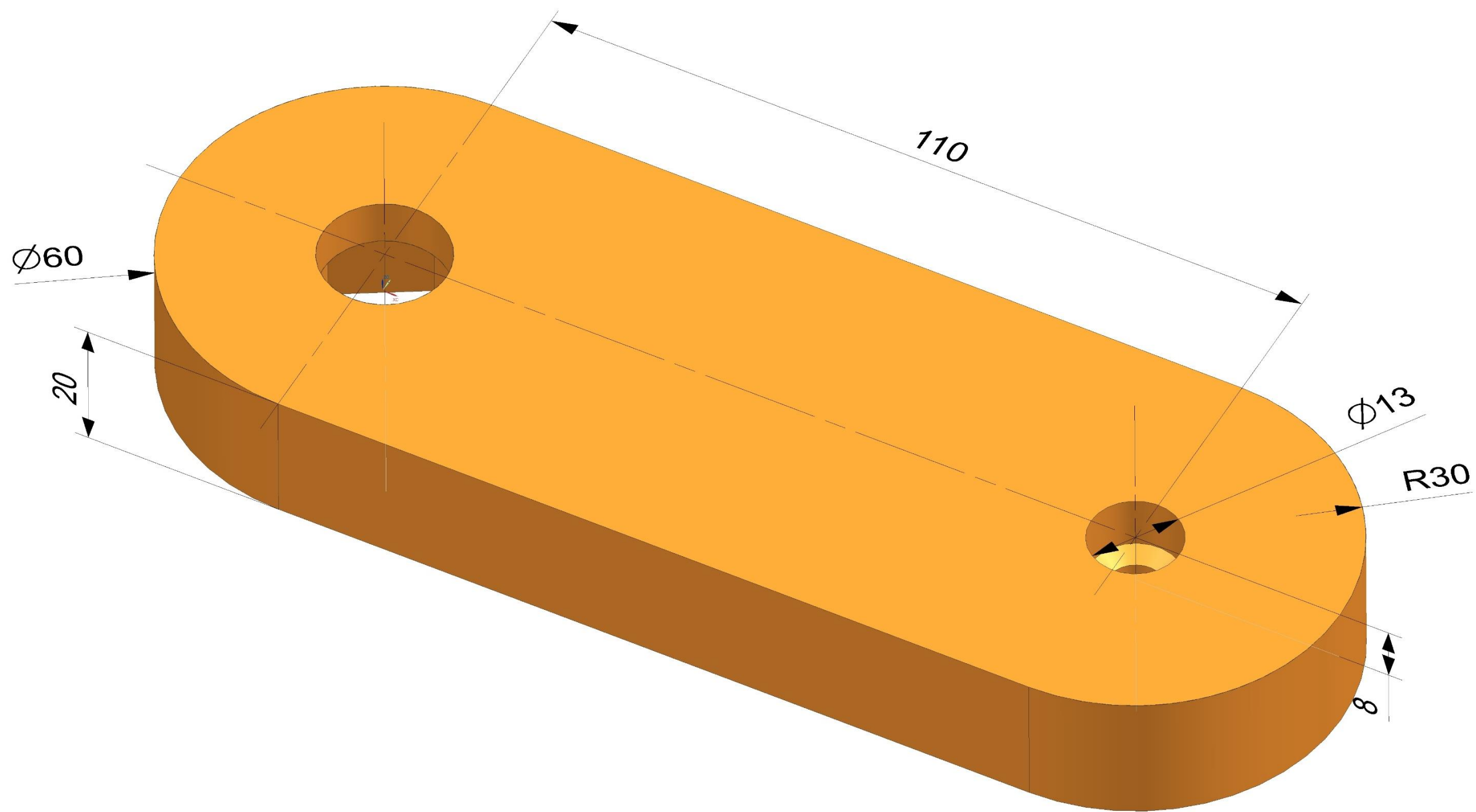


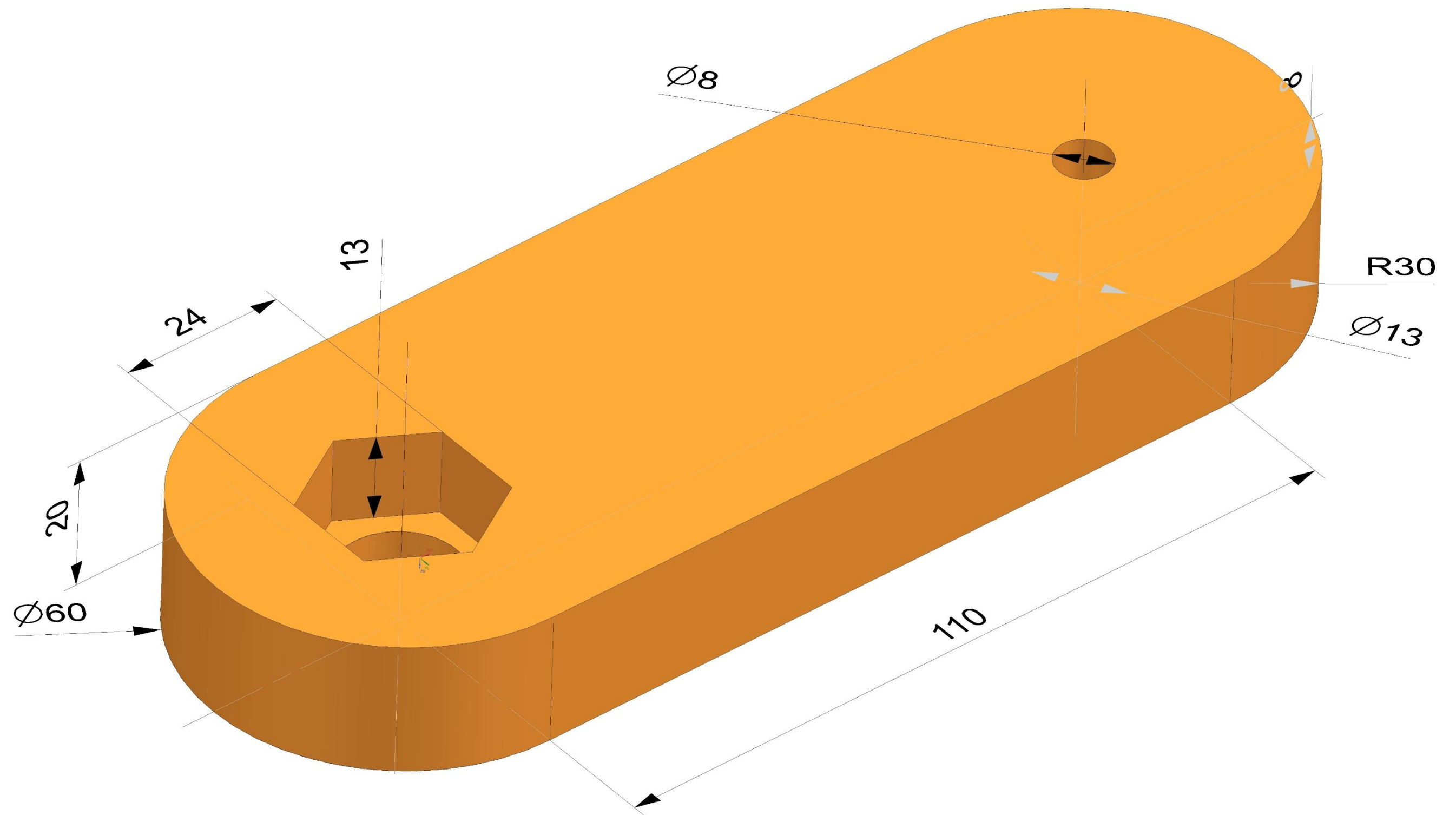




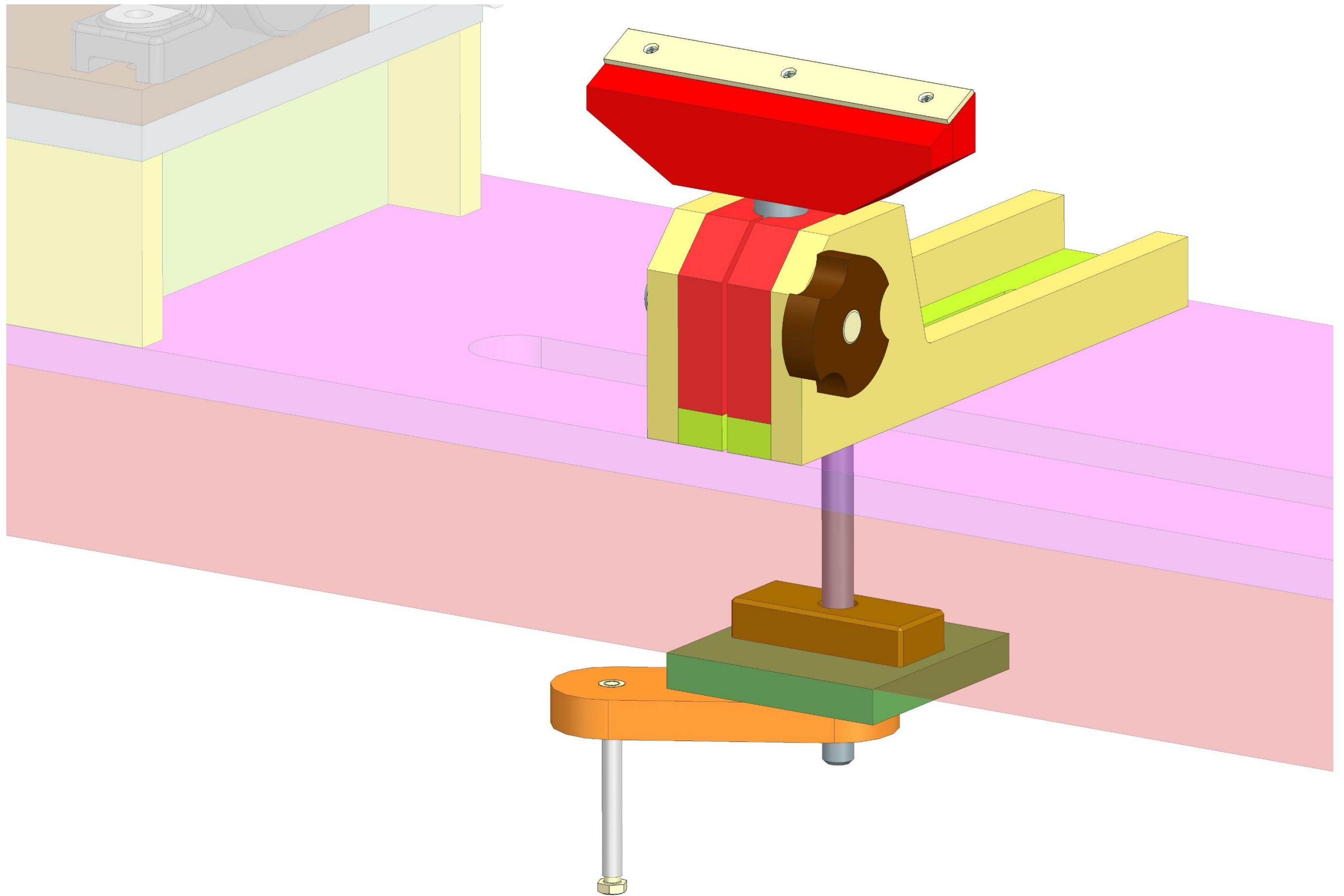
Fasteners:

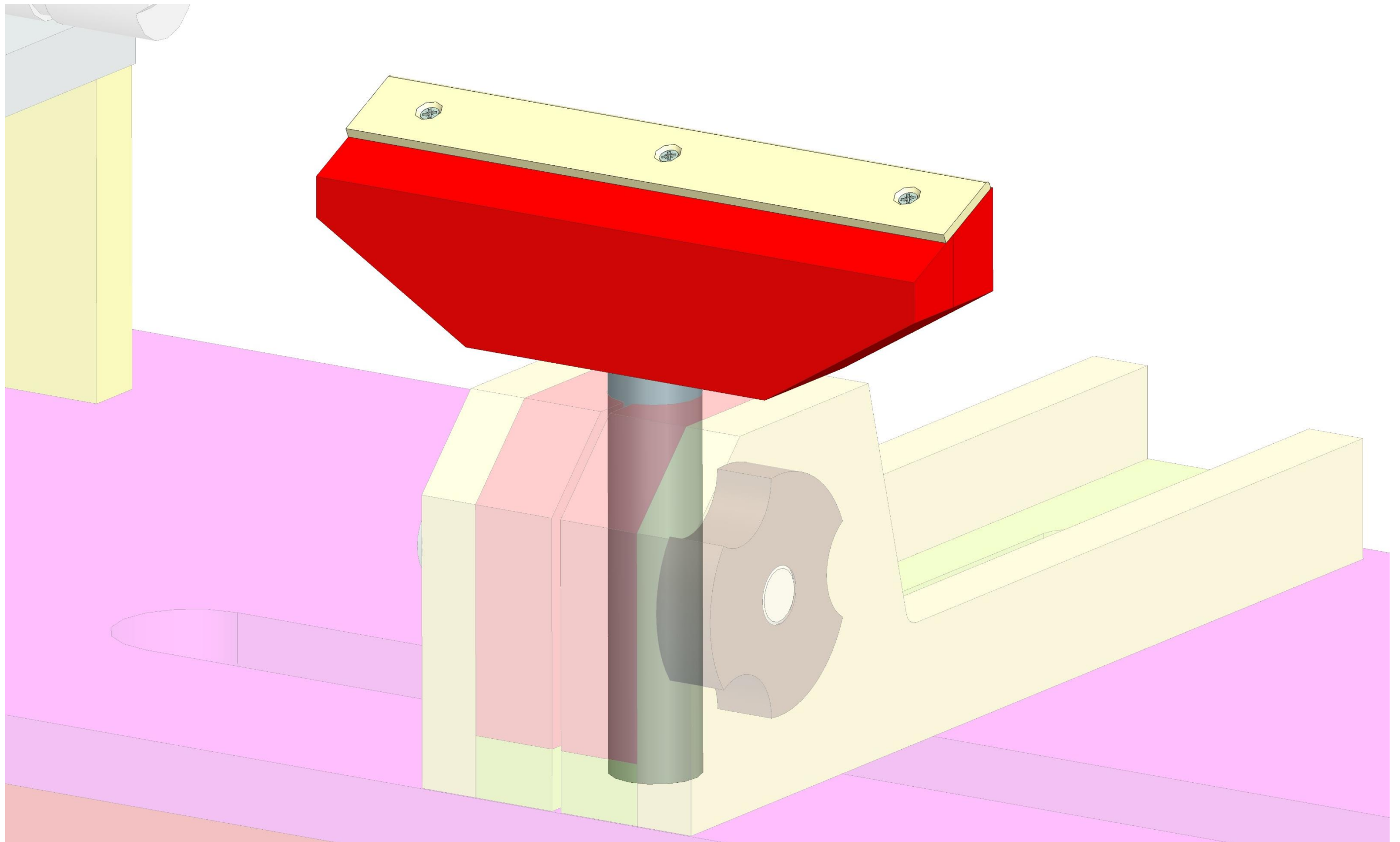
- [Bolt M8 x 100](#) x 1
- [Nut M8](#) x 2
- [Nut M16](#) x 1
- [Stainless steel tube 10x1, L=70 mm](#)

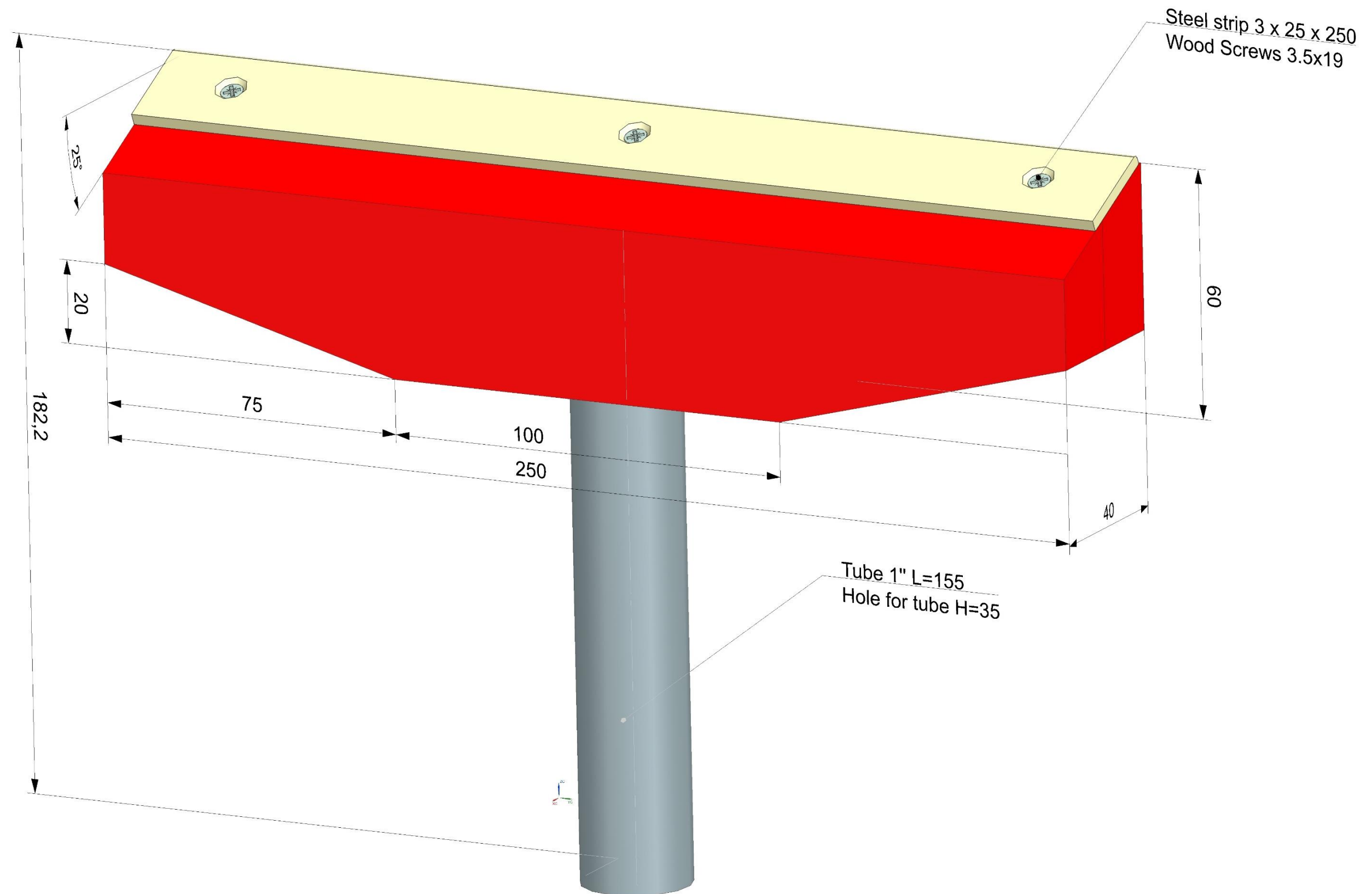




Tool Rest

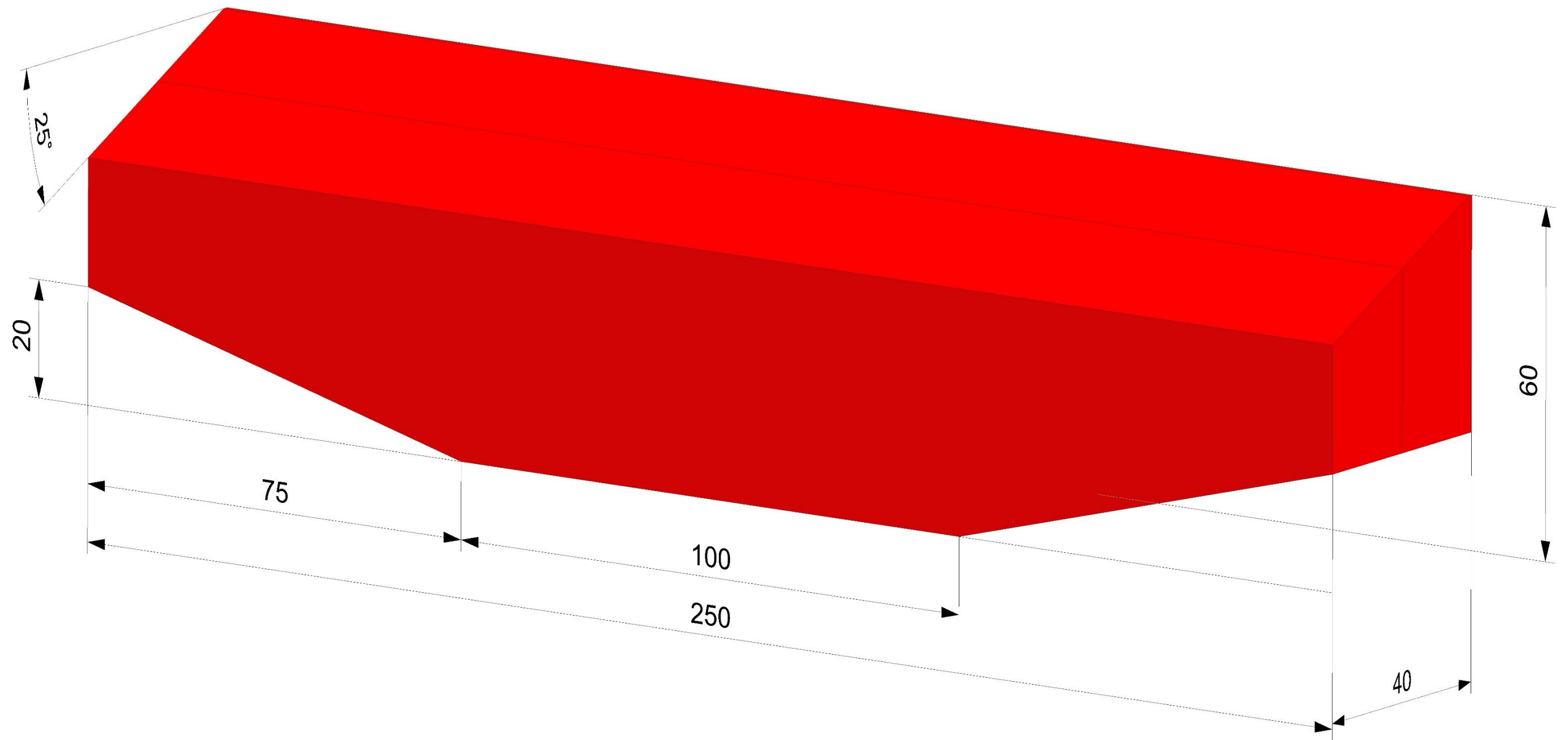


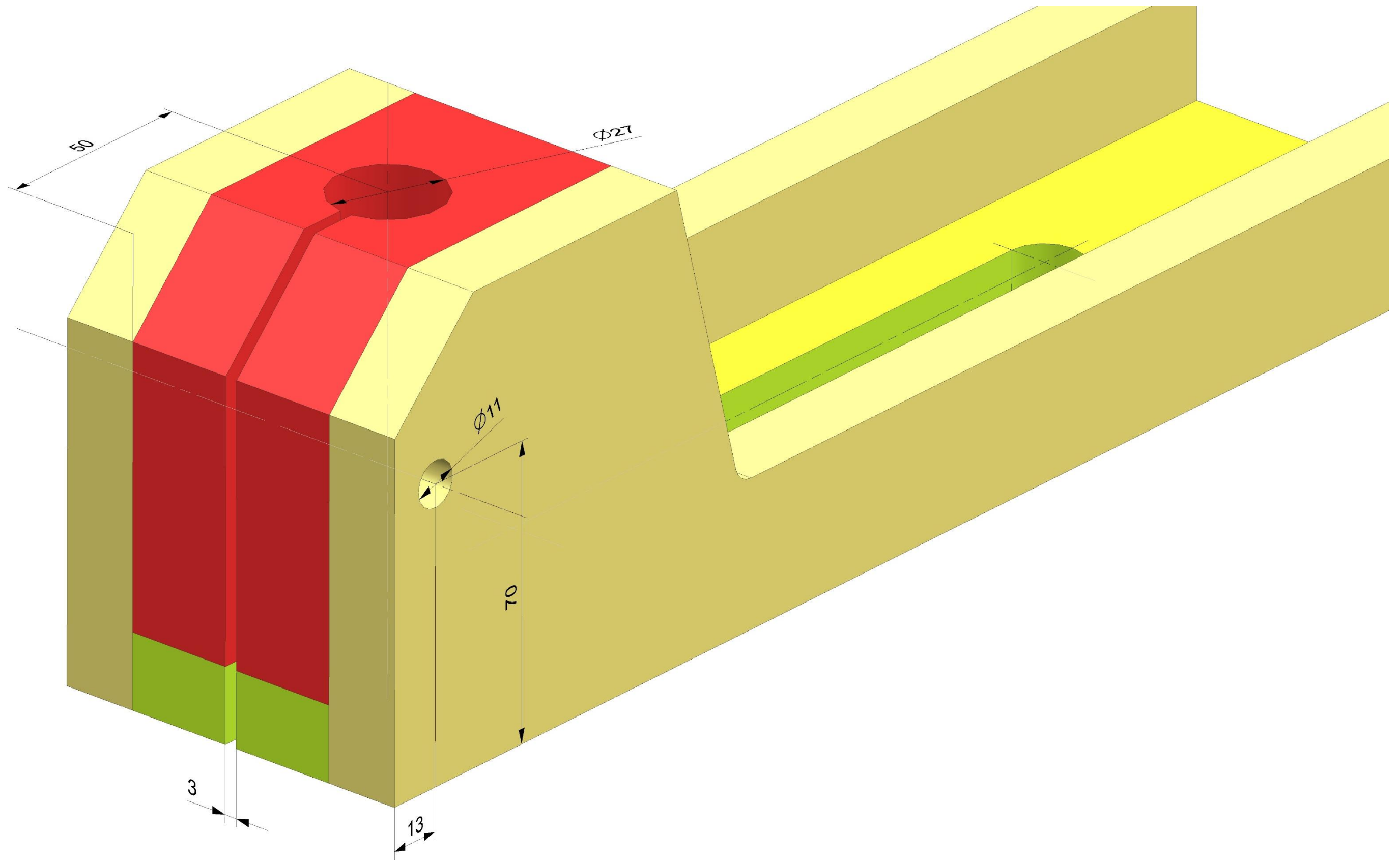


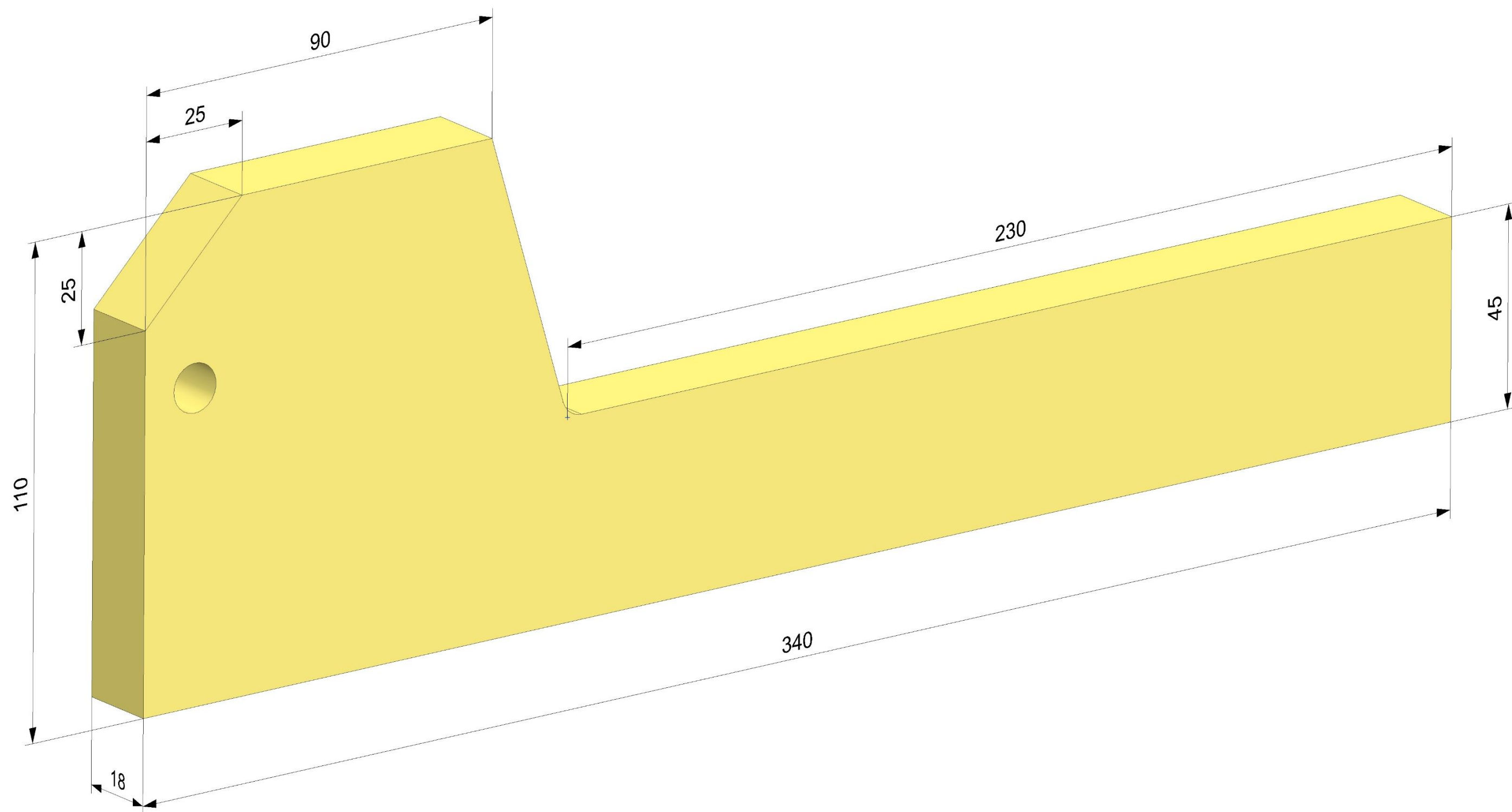


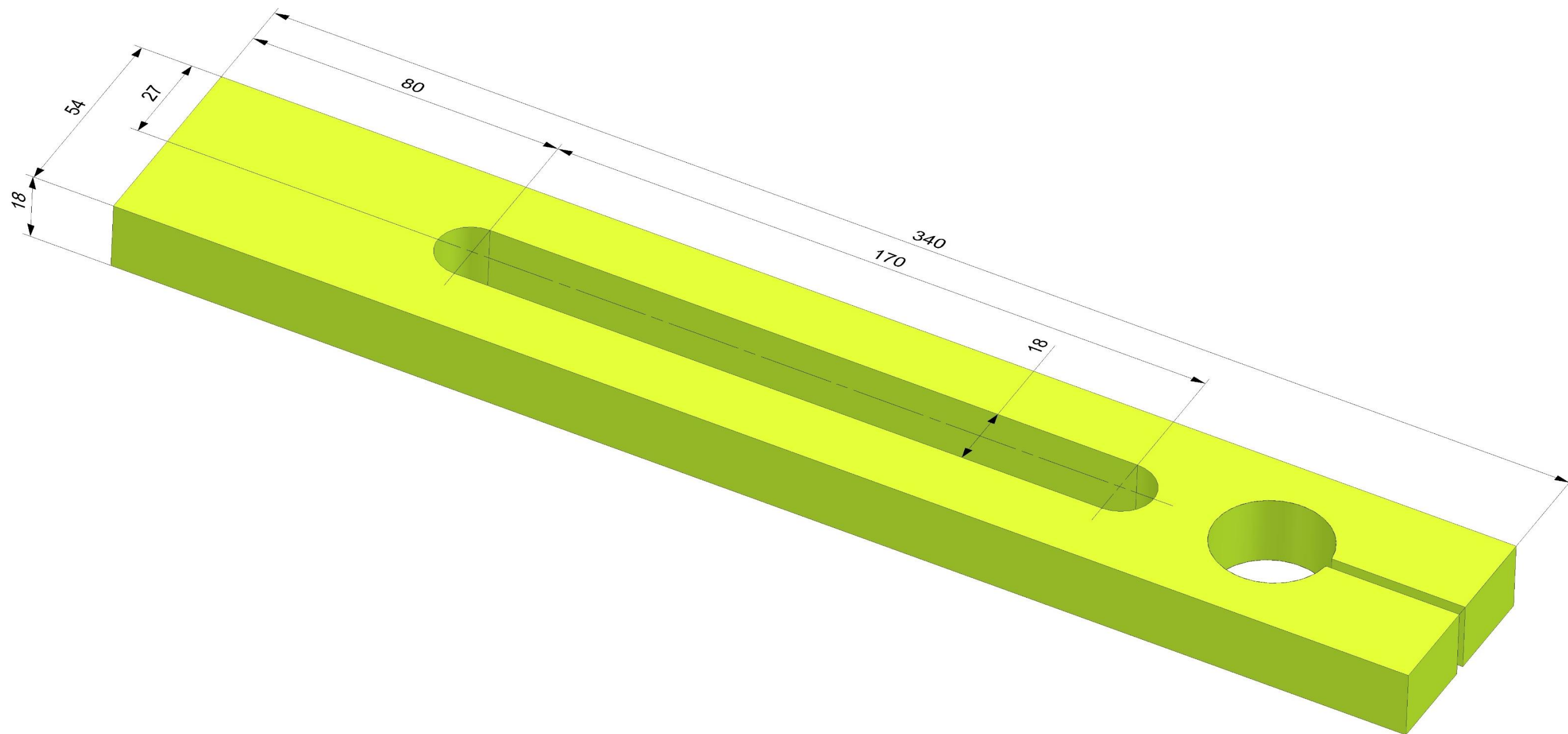
Materials:

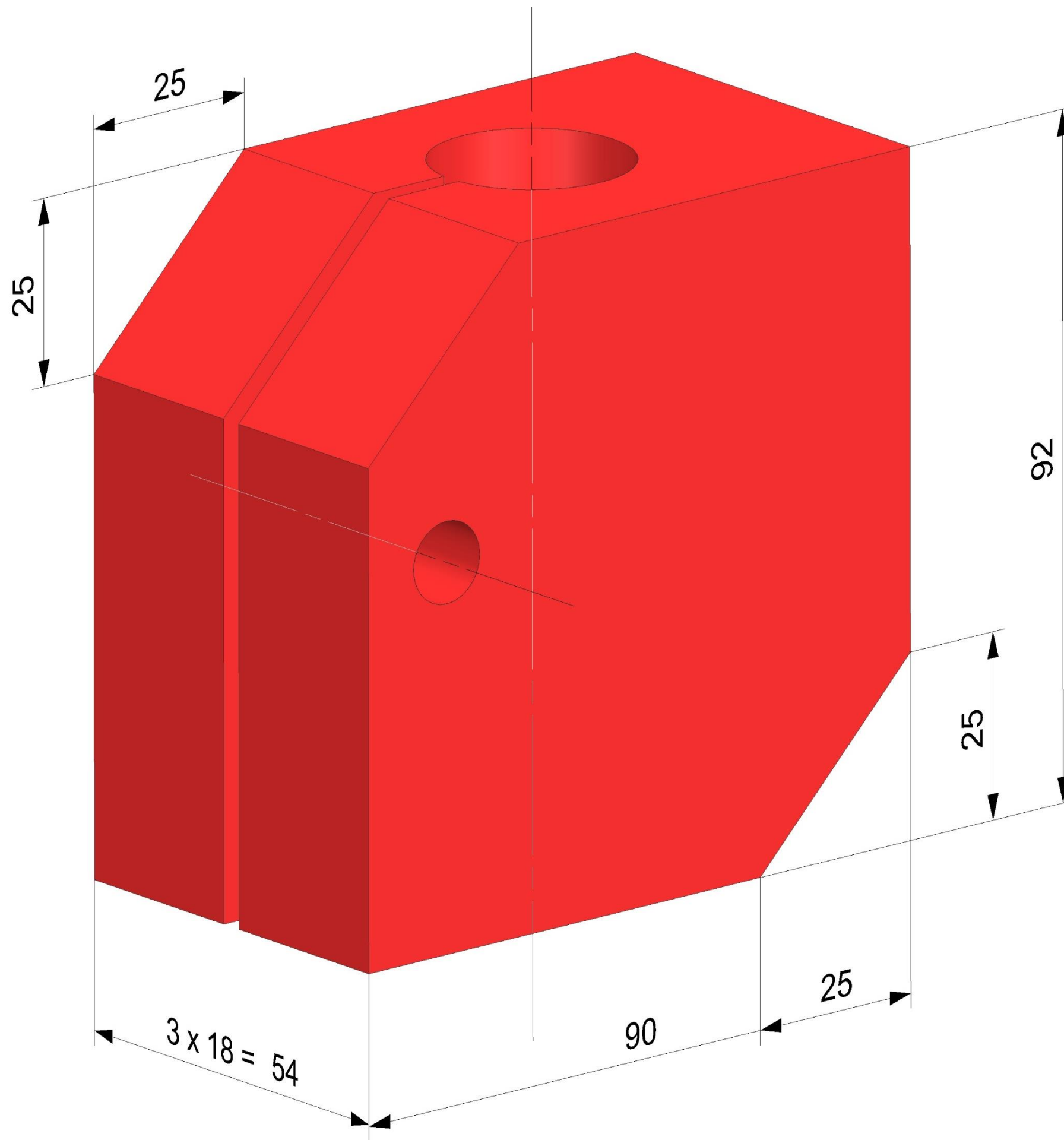
- Steel strip 3 x 25 x250
- [Tube 1", L=155 mm \(Nipple Pipe Fitting\)](#)
- [Wood Screws 3.5x19](#)

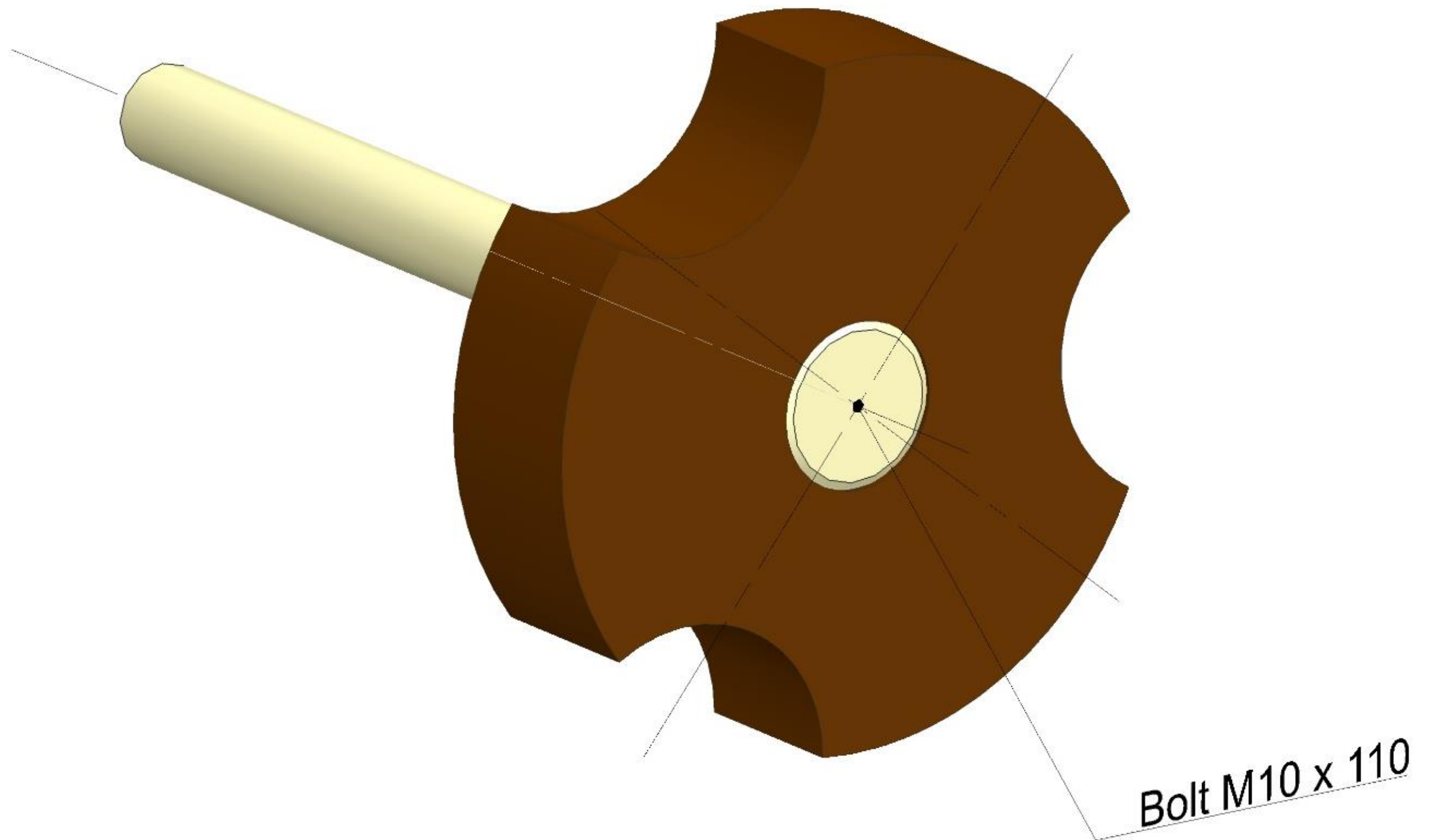






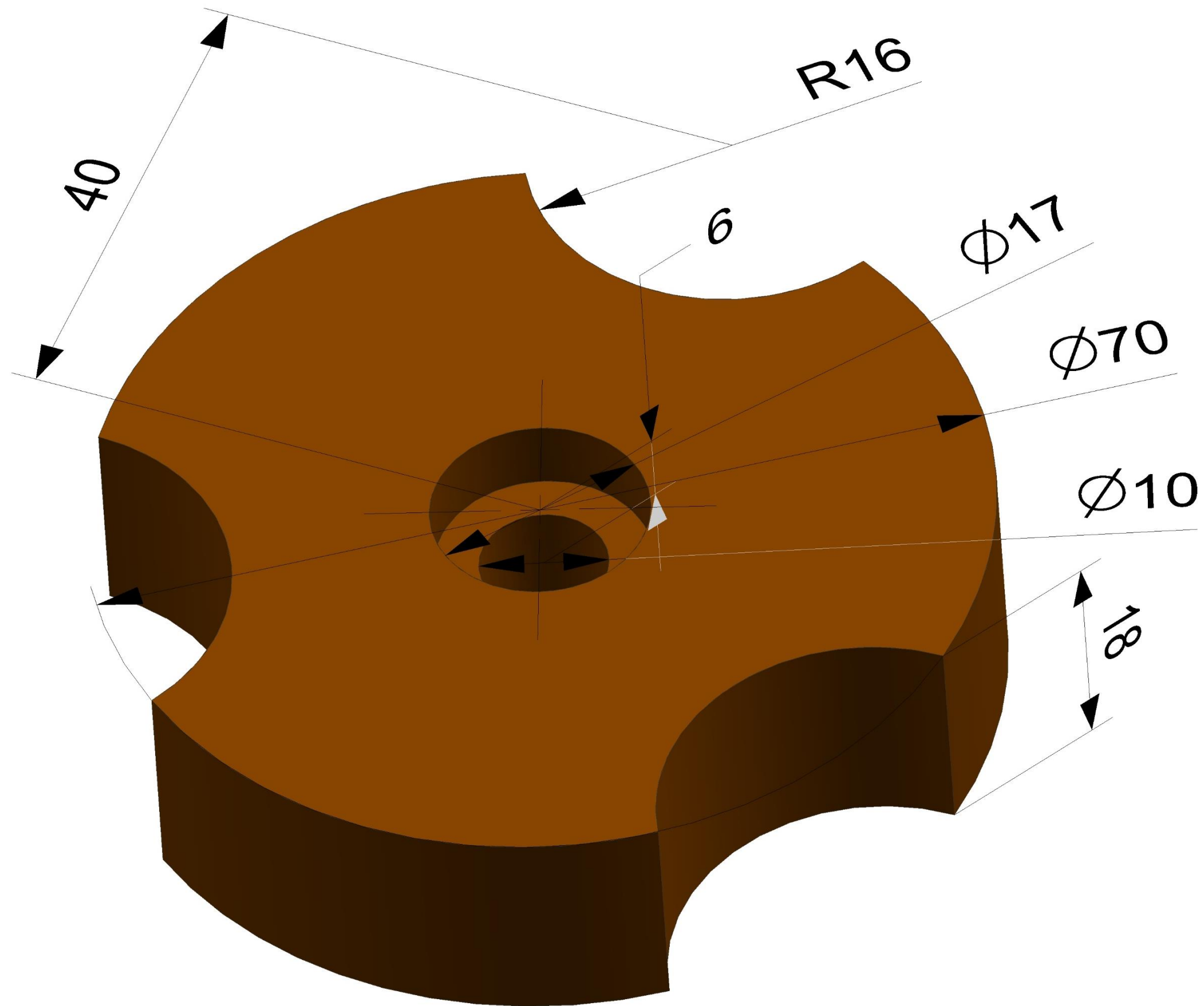


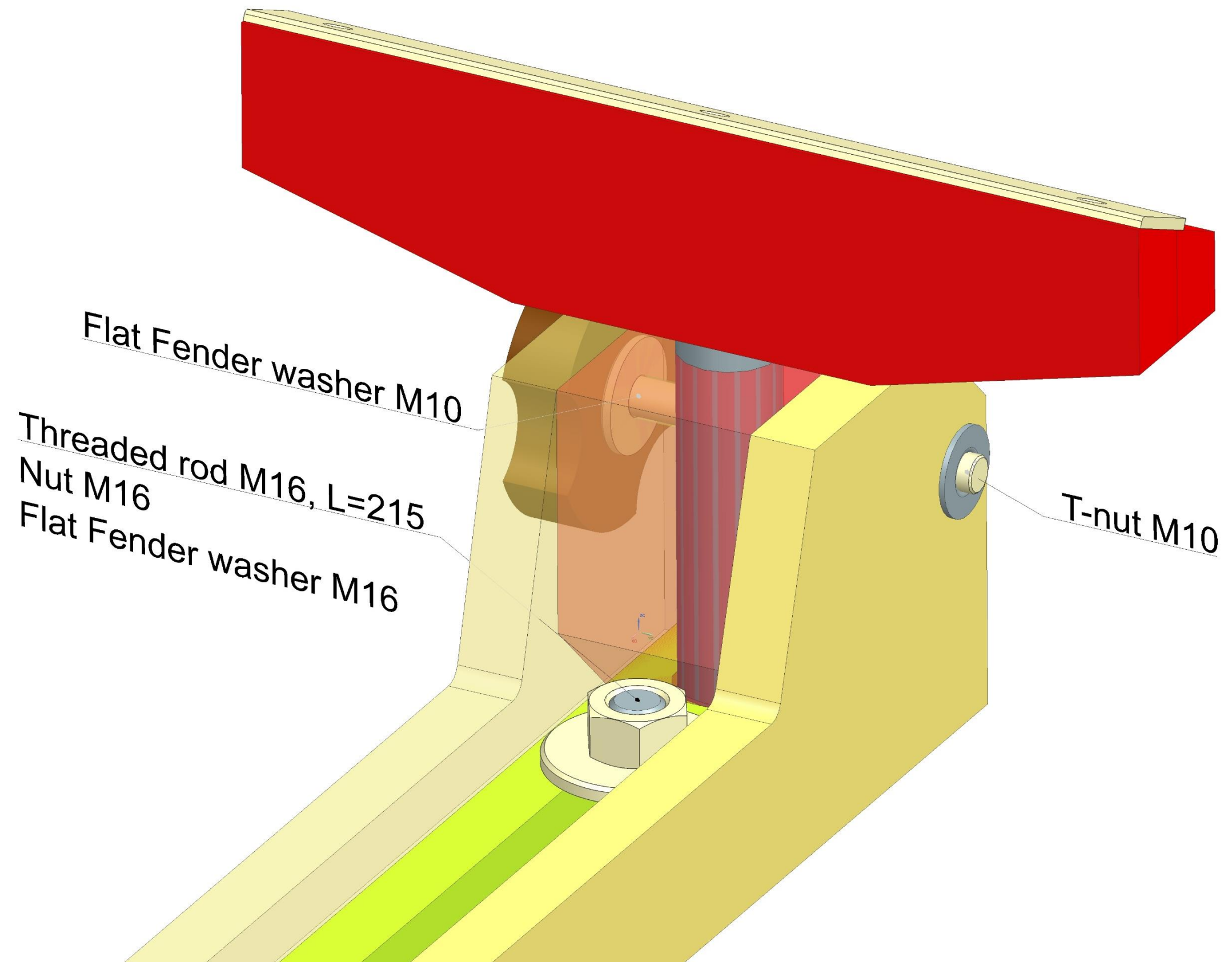




Fasteners:

- [Bolt M10 x 100](#) x 4





Fasteners:

- [T-nut M10](#) OR [Coupling nut M10 x 1](#)
- [Flat Fender washer M10](#)
- [Flat Fender washer M16](#)
- [Nut M16](#)
- Threaded rod M16, length=215 mm

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](#)