

CNC Router

Patrick Sorn

Version 2.0

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1 Introduction

2 Portal

2.1 Spindle X mount

2.1.1 Base Plate

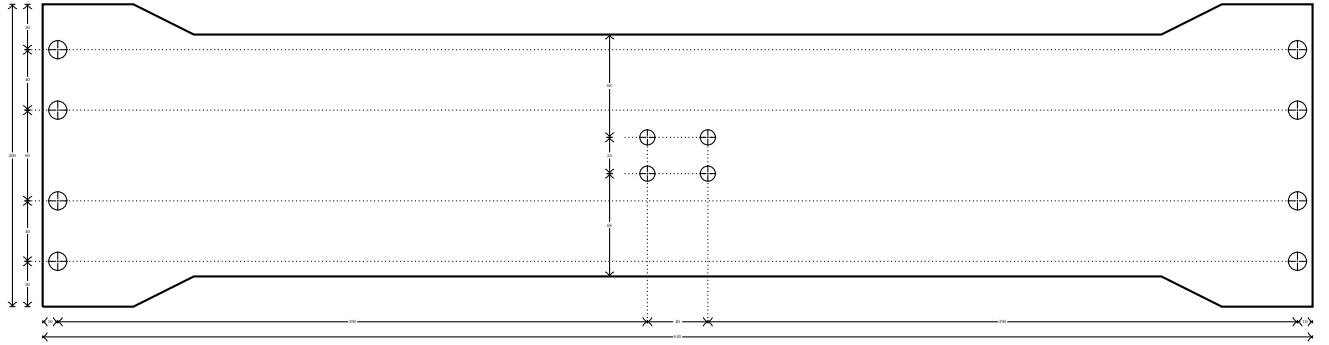


Figure 1: Base Plate.

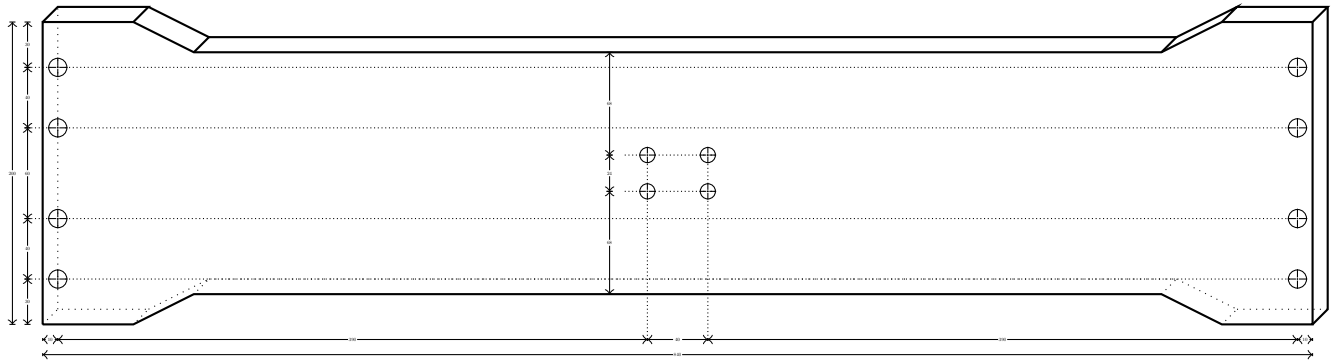


Figure 2: Base Plate 3D.

2.1.2 Front Plate

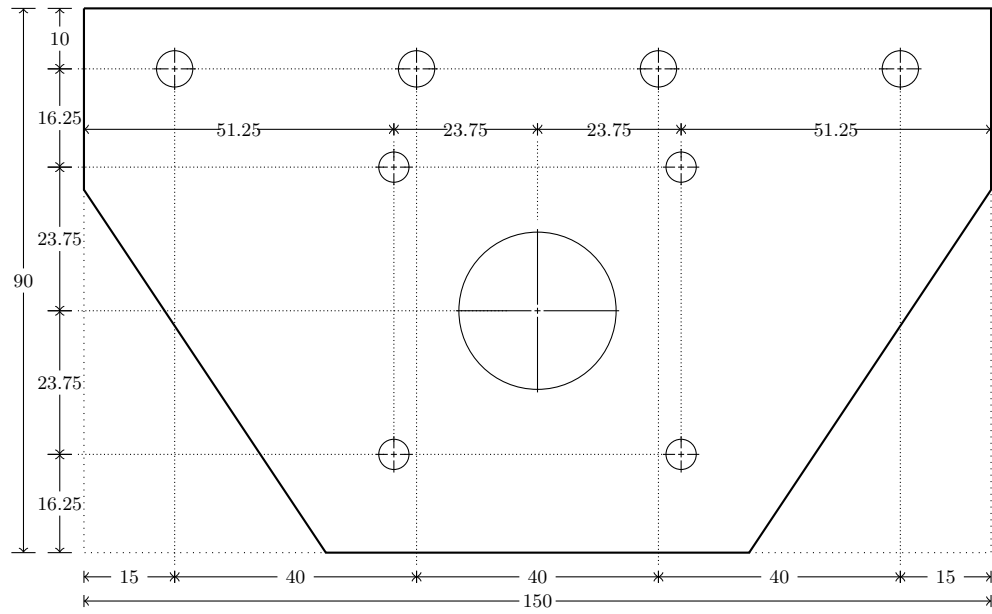


Figure 3: Front Plate.

2.2 Spindle Y mount

2.2.1 Side Plate

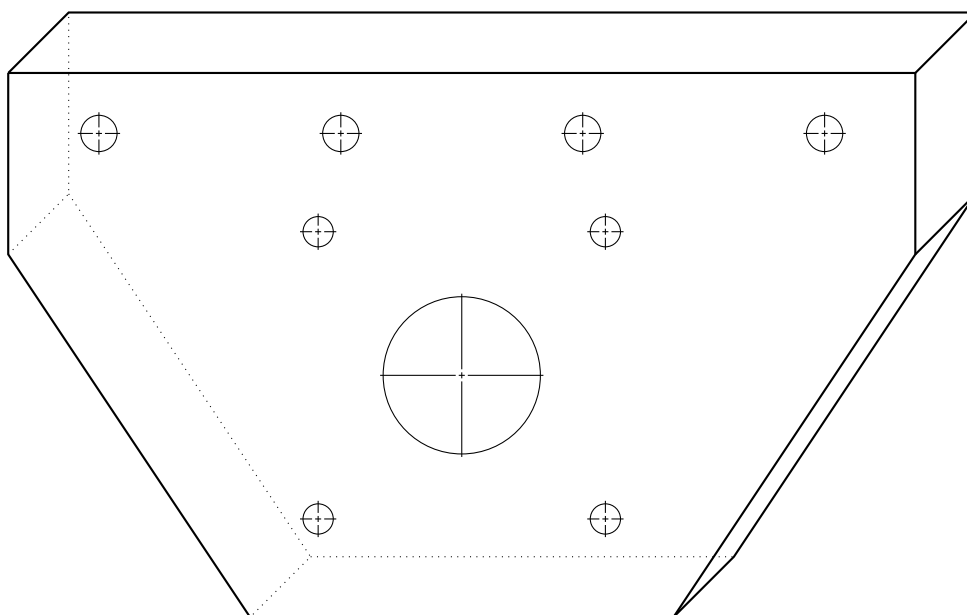


Figure 4: Front Plate 3D.

2.2.2 Rear Plate

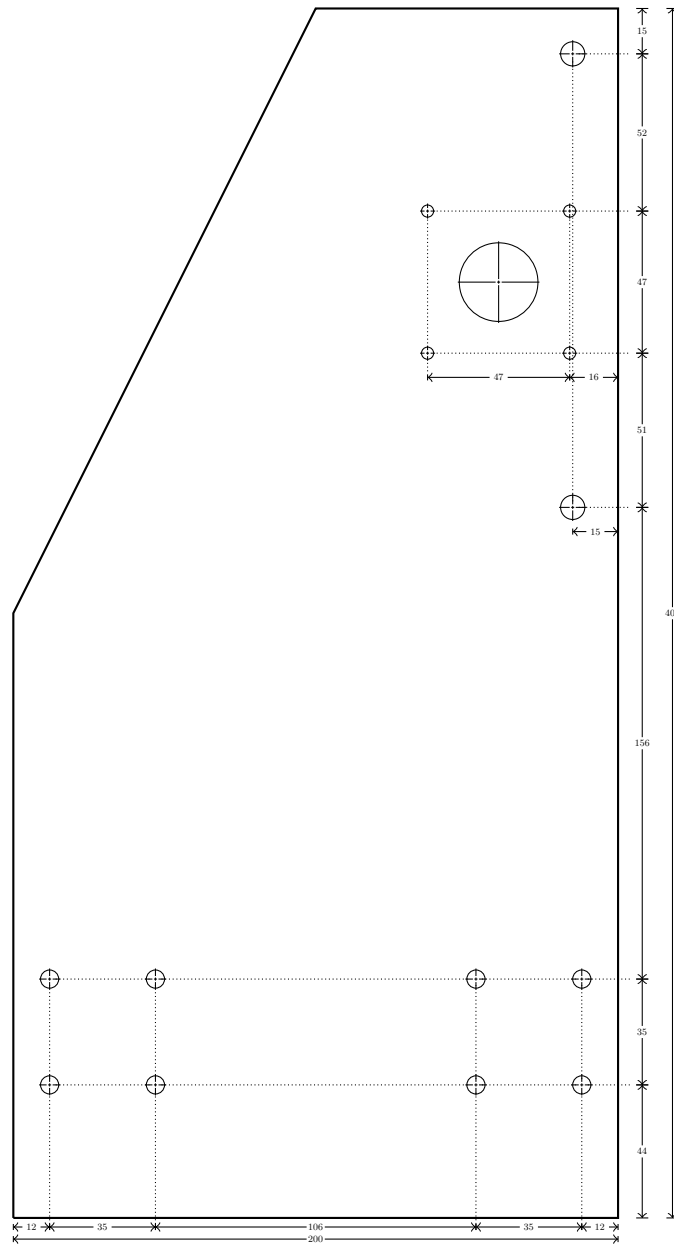


Figure 5: Side Plate.

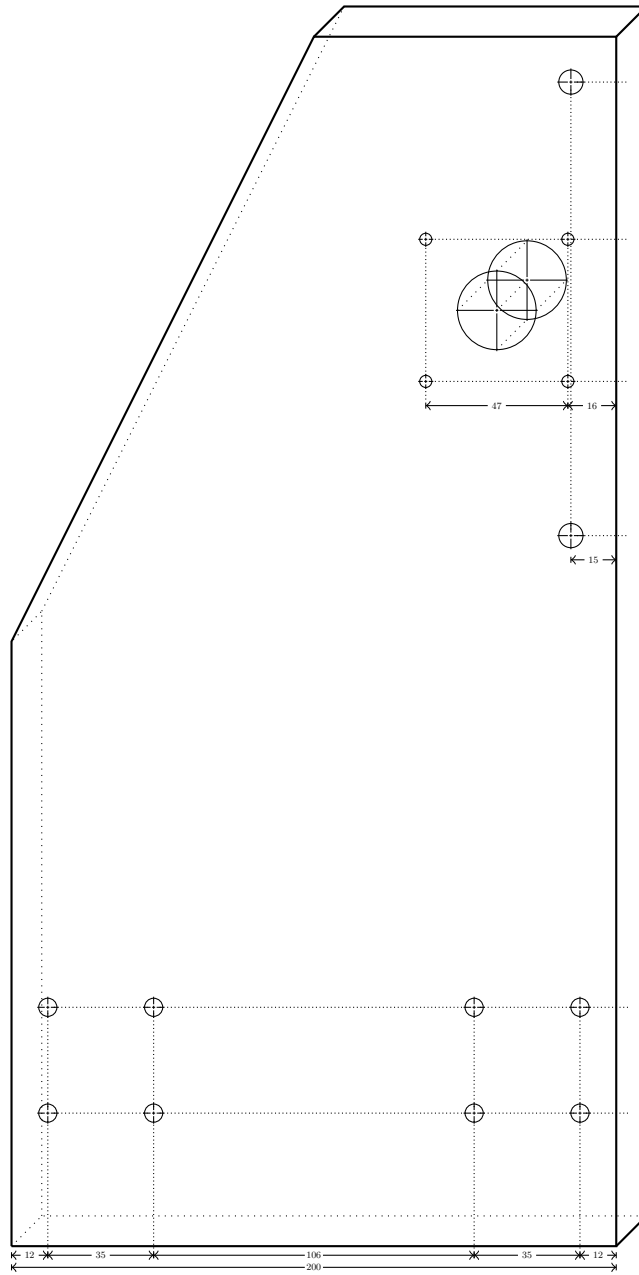


Figure 6: Side Plate 3D.

2.3 Spindle Z Mount

2.3.1 Main

KPF-S 20 has been used as linear mount.

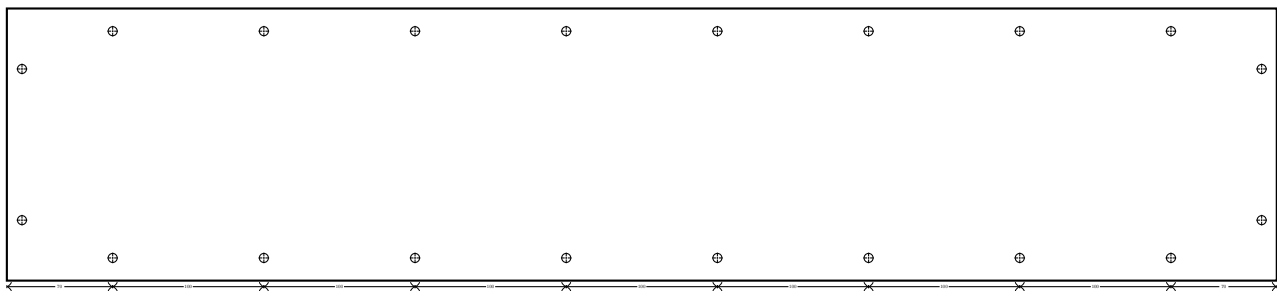


Figure 7: Rear Plate.

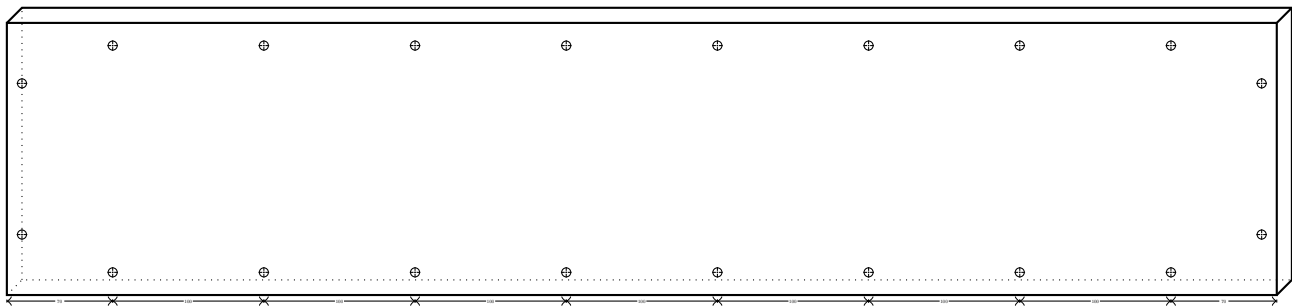


Figure 8: Rear Plate 3D.

2.3.2 Upper

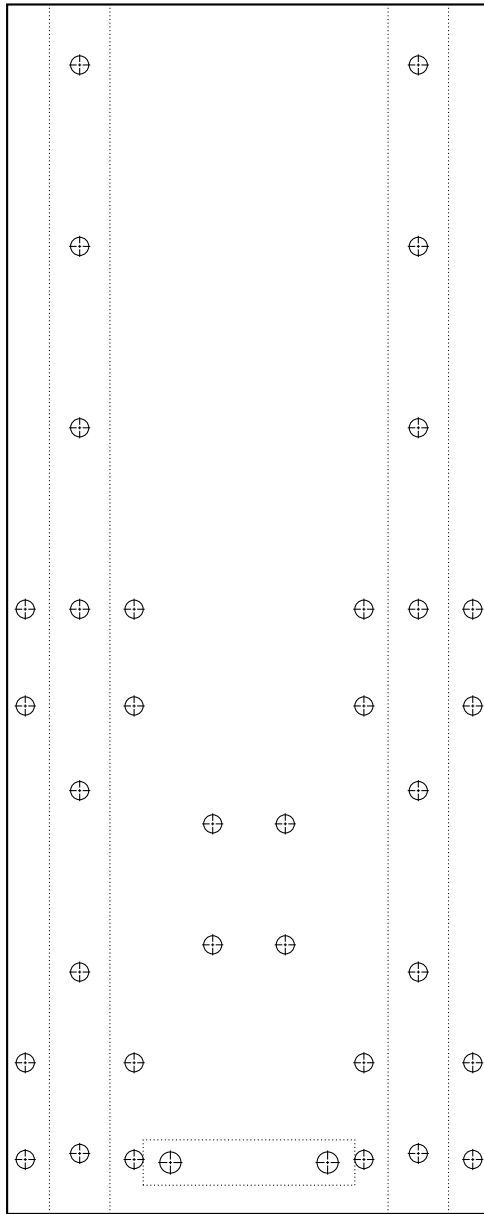


Figure 9: Spindle Z Mount - Main.

2.3.3 Lower

Loslager FF12 will be connected to this part.

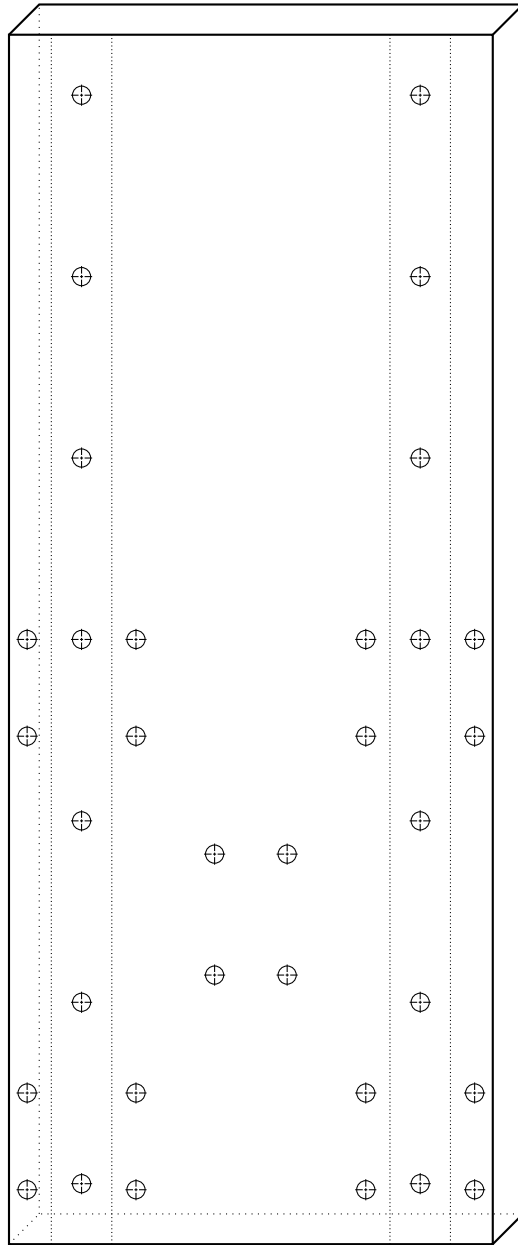


Figure 10: Spindle Z Mount - Main 3D.

2.3.4 Drill Mount

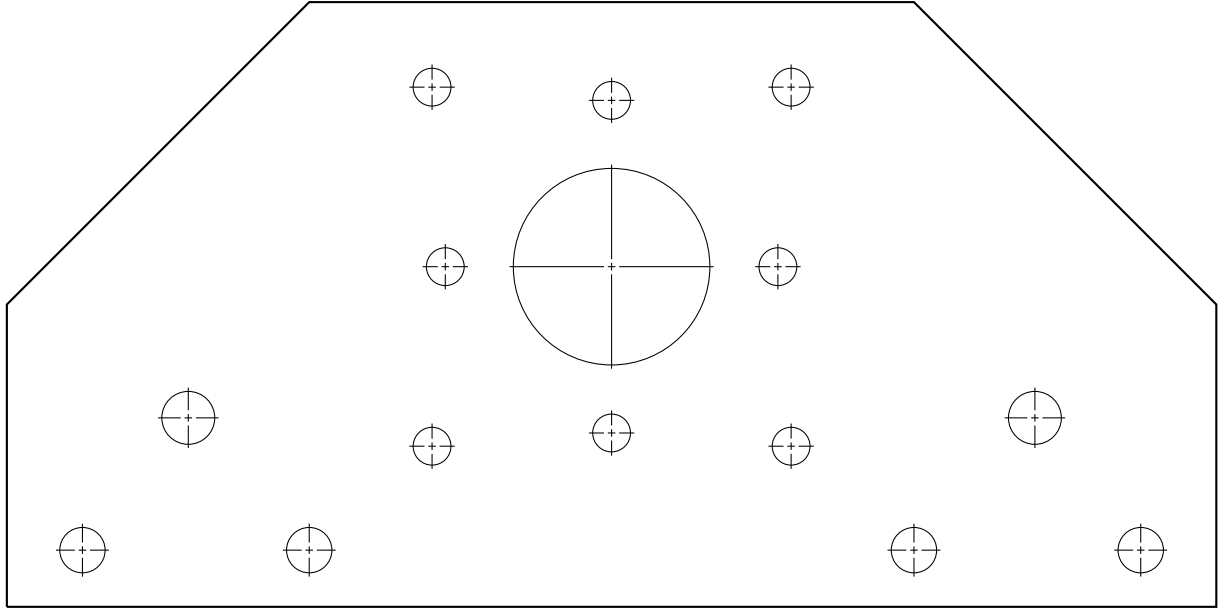


Figure 11: Spindle Z Mount - Upper.

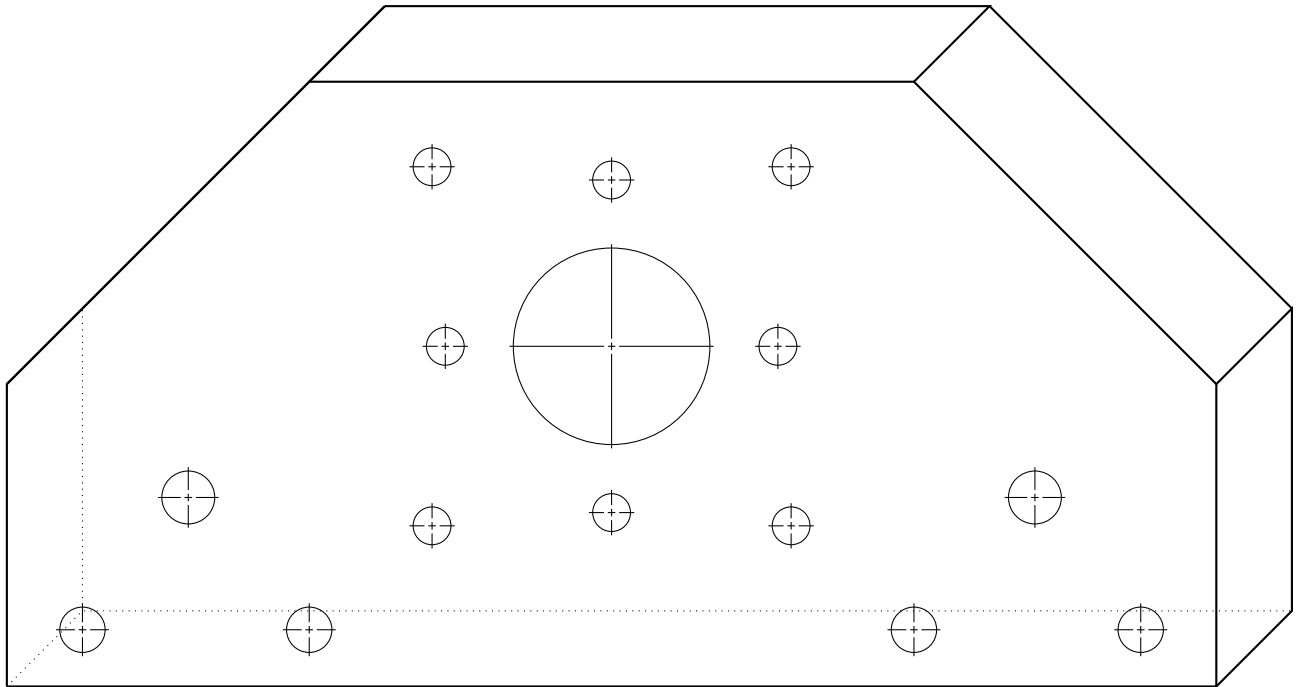


Figure 12: Spindle Z Mount - Upper 3D.

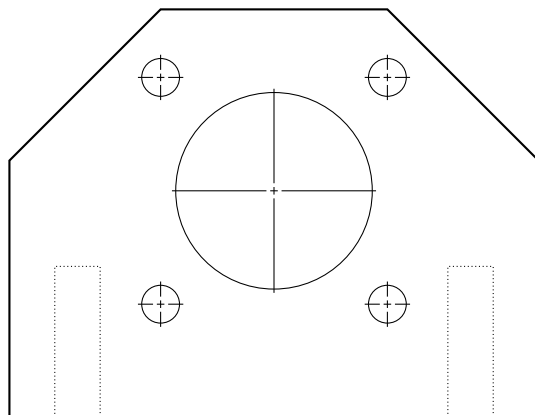


Figure 13: Spindle Z Mount - Lower.

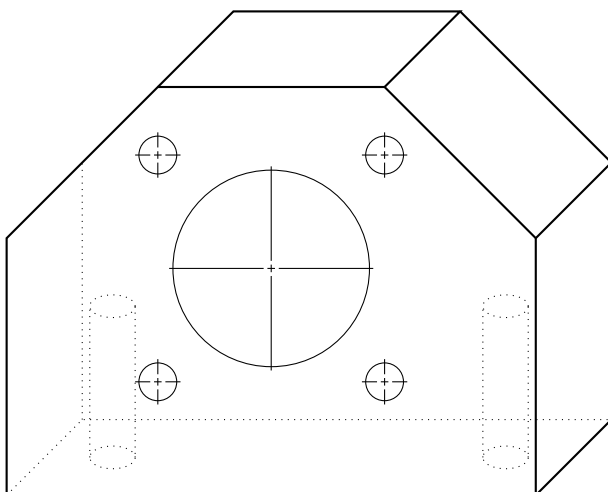


Figure 14: Spindle Z Mount - Lower 3D.

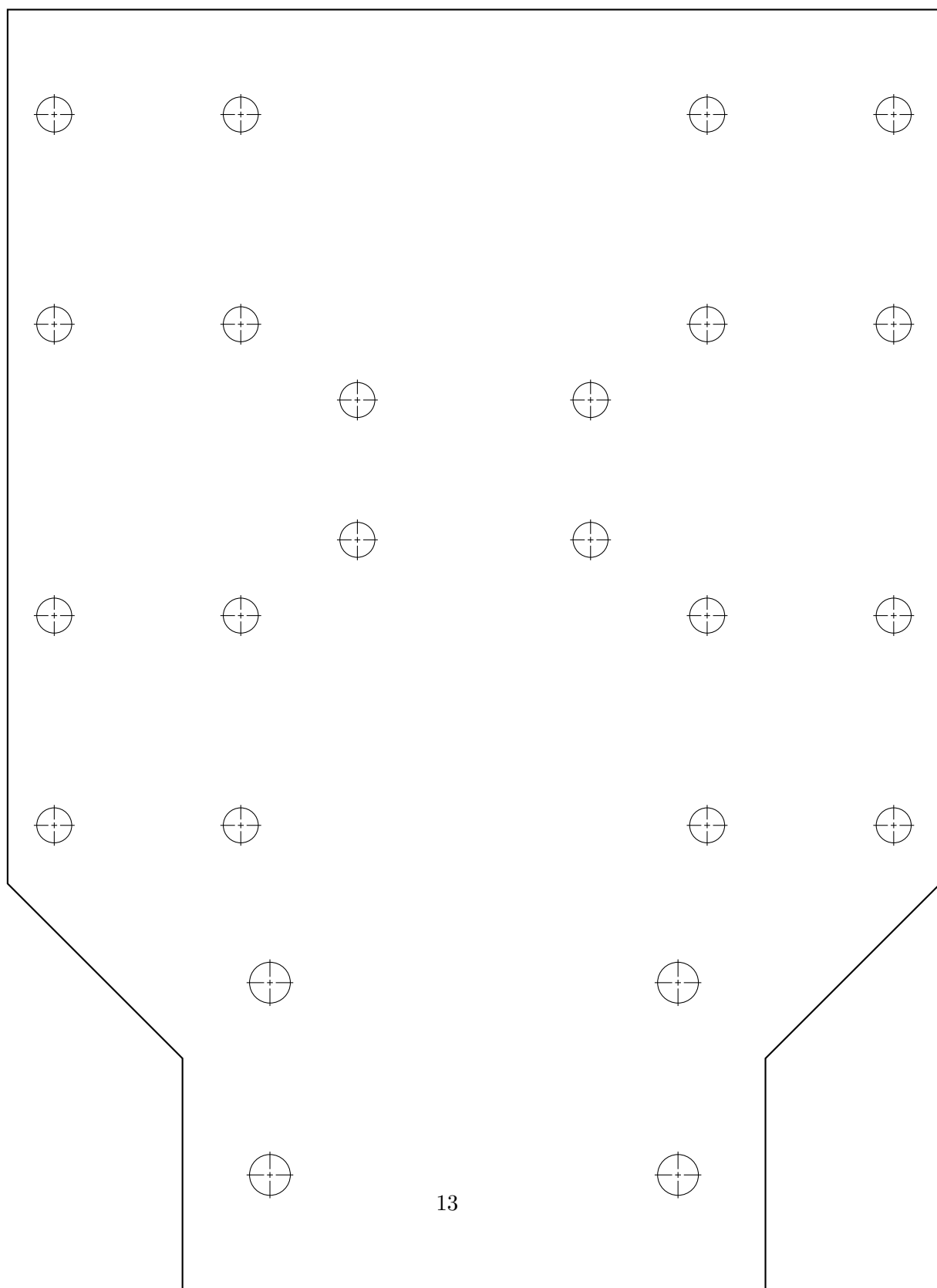
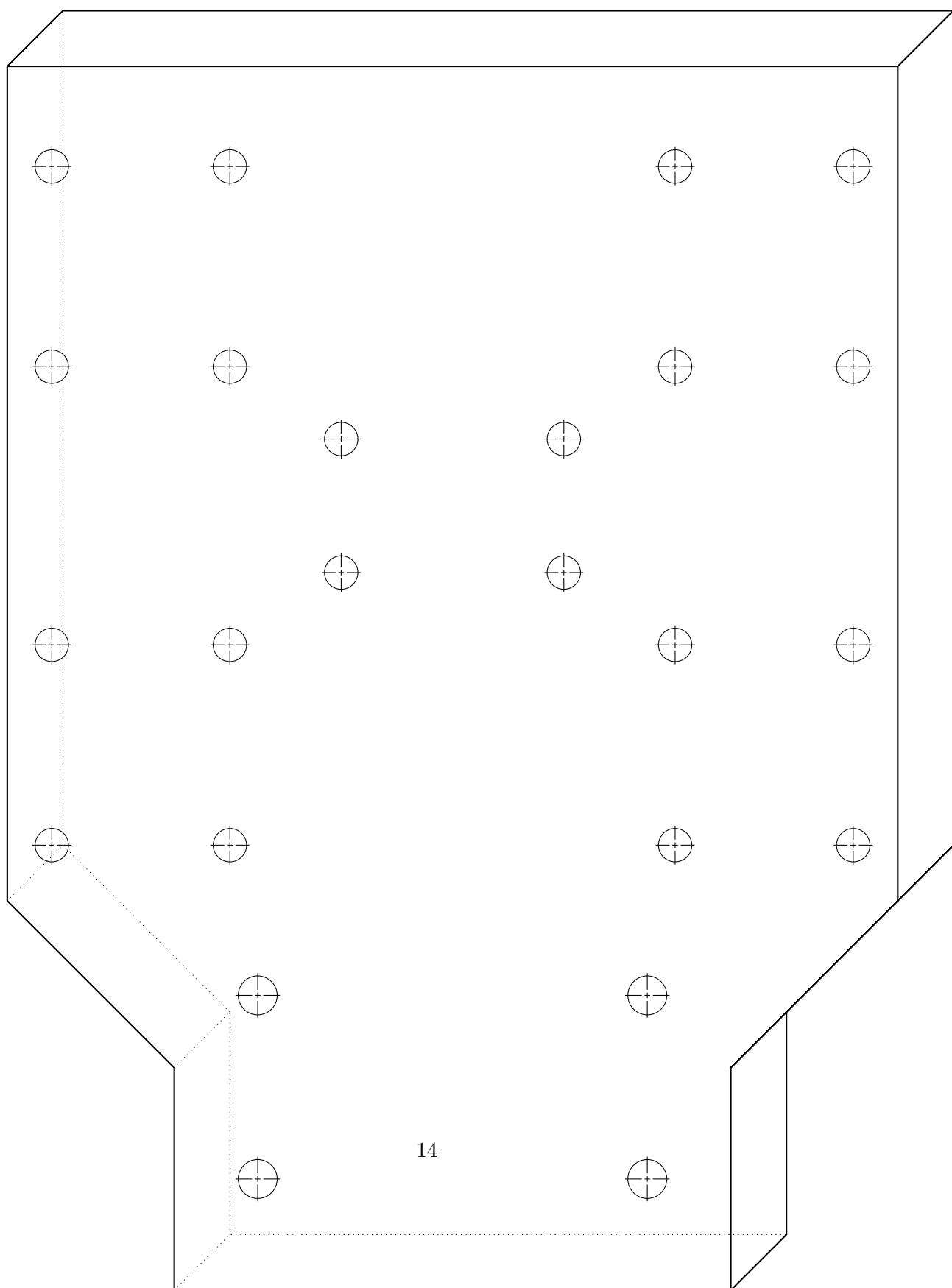


Figure 15: Drill Mount.



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Figure 16: Drill Mount 3D.

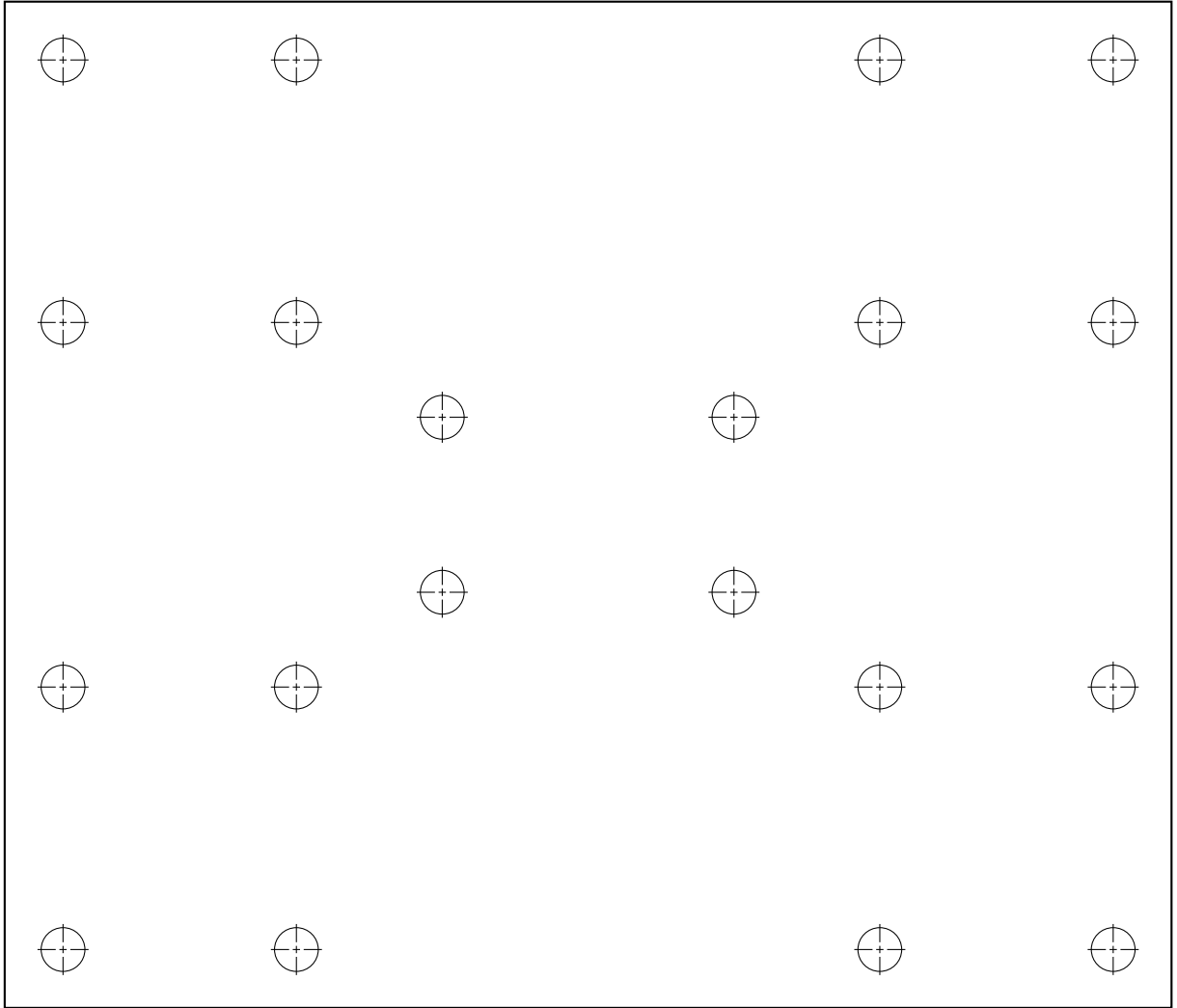


Figure 17: Drill Mount Support Plate.