CNC Router

Patrick Sorn

Version 2.0

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2 Portal

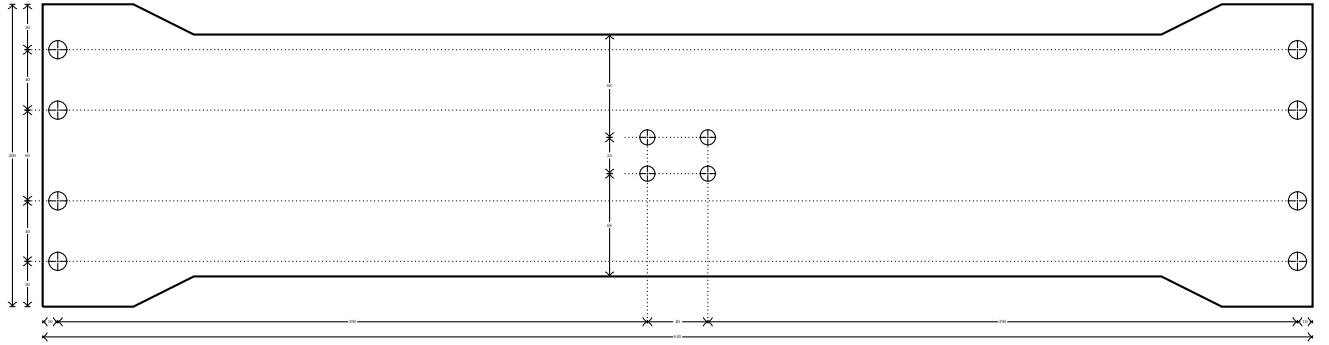## 2.1 Spindle X mount

2.1.1 Base Plate

Figure 1: Base Plate.
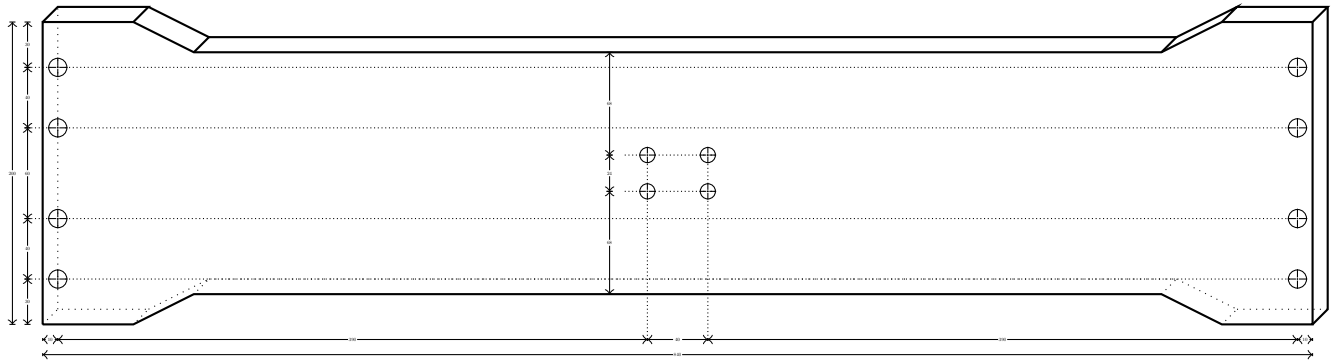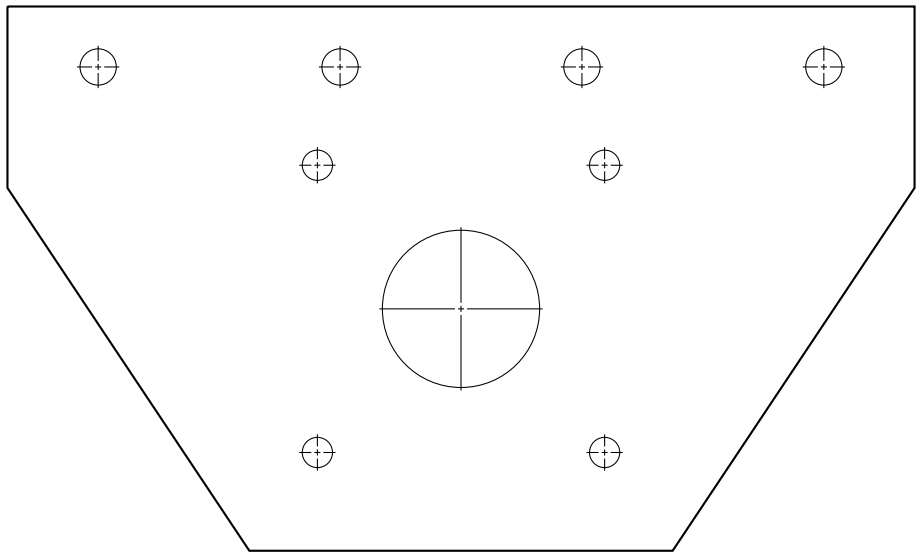

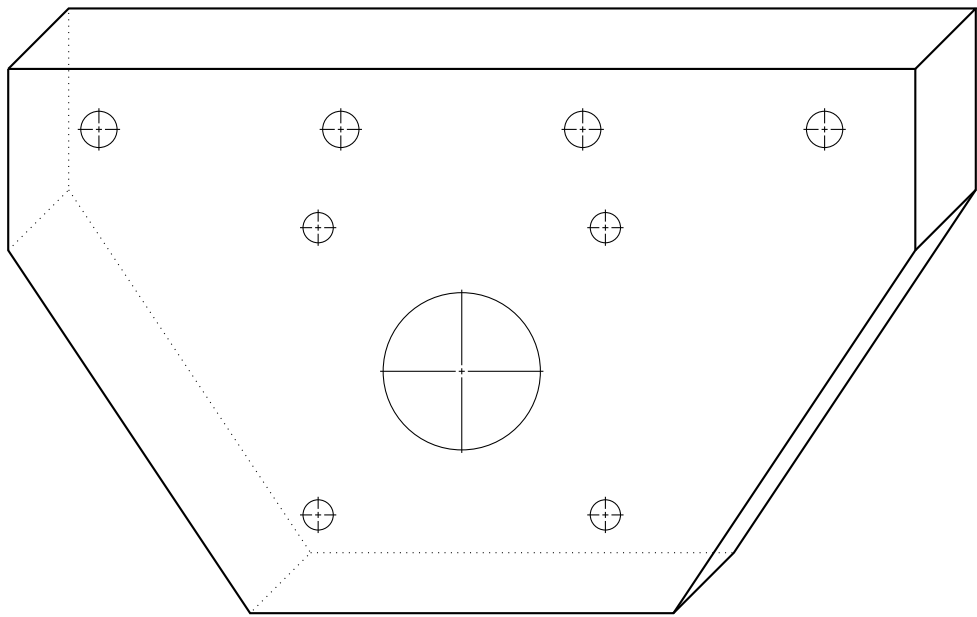Figure 2: Base Plate 3D.

Figure 3: Front Plate.

Figure 4: Front Plate 3D.

2.1.2 Front Plate

2.2 Spindle Y mount

2.2.1 Side Plate

2.2.2 Rear Plate

2.3 Spindle Z Mount

2.3.1 Main

KPF-S 20 has been used as linear mount.

2.3.2 Upper

2.3.3 Lower

Loslager FF12 will be connected to this part.
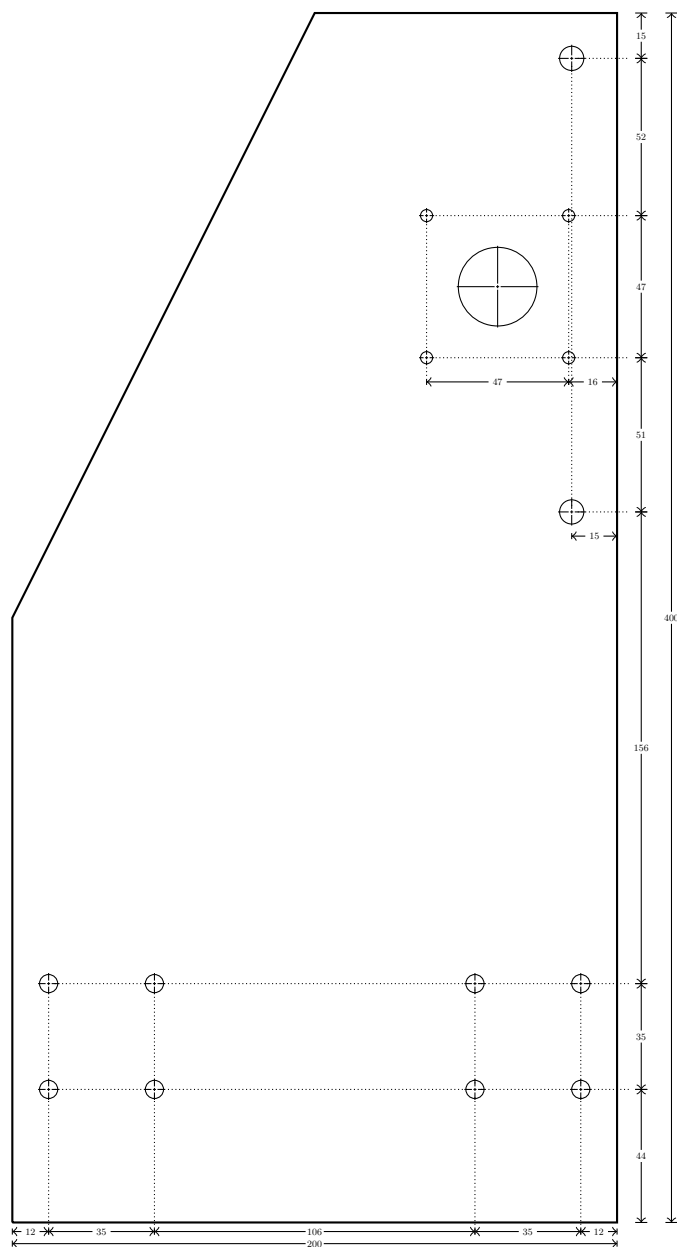
2.3.4 Drill Mount
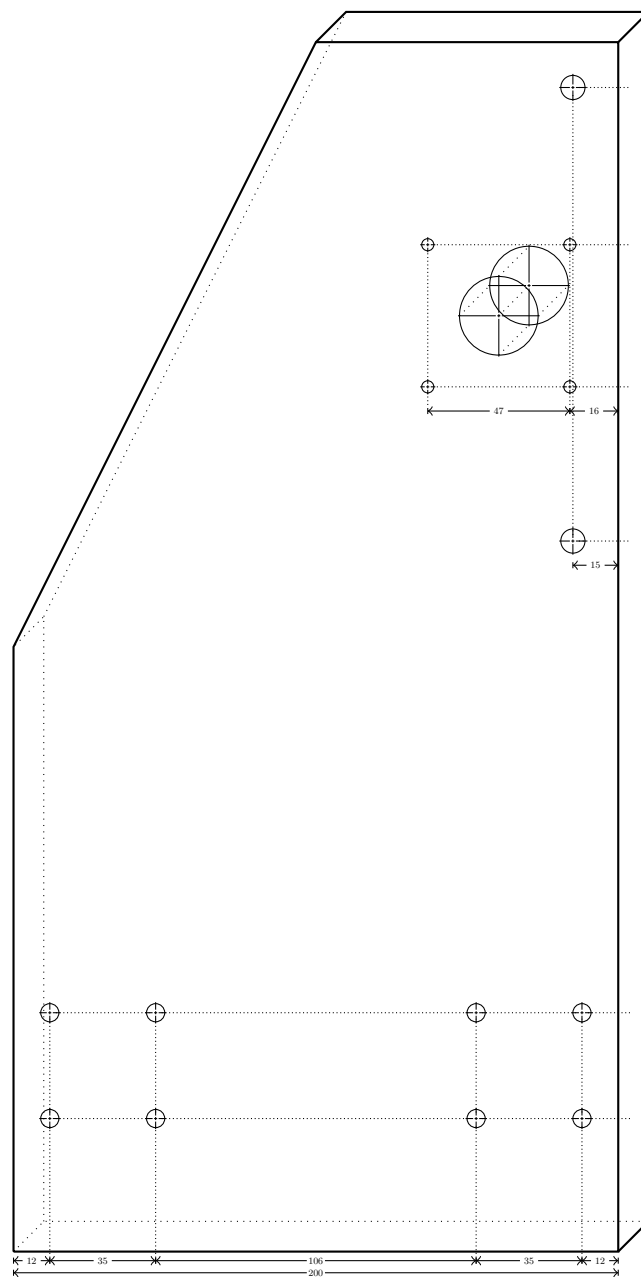
Figure 5: Side Plate.

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Figure 6: Side Plate 3D.
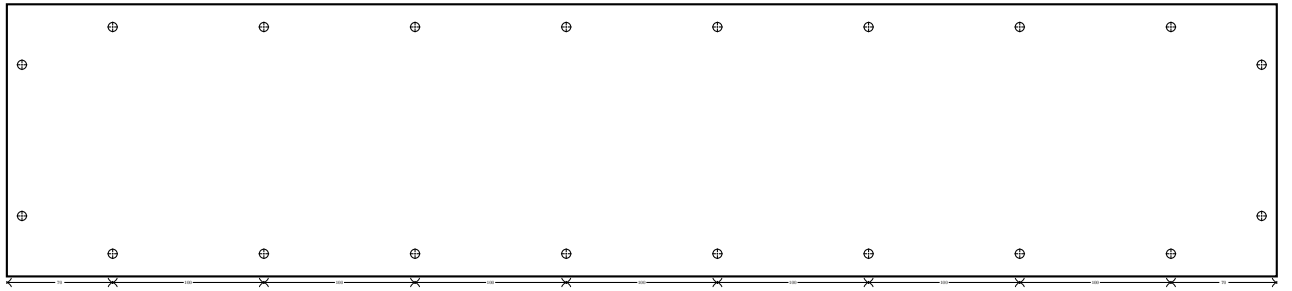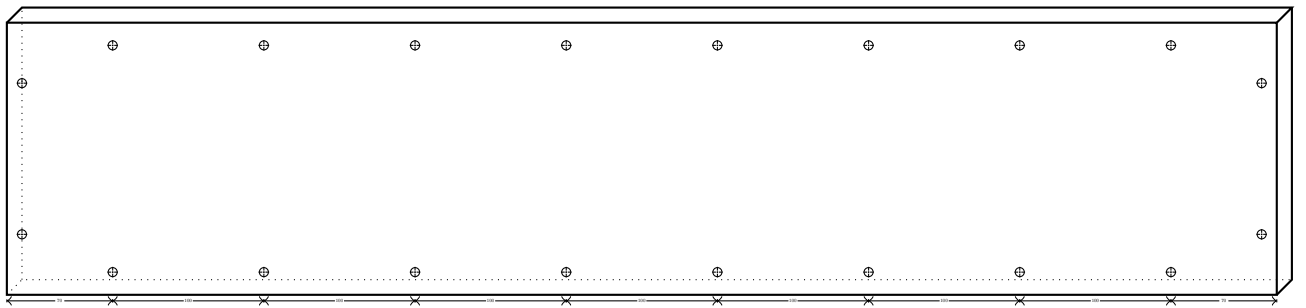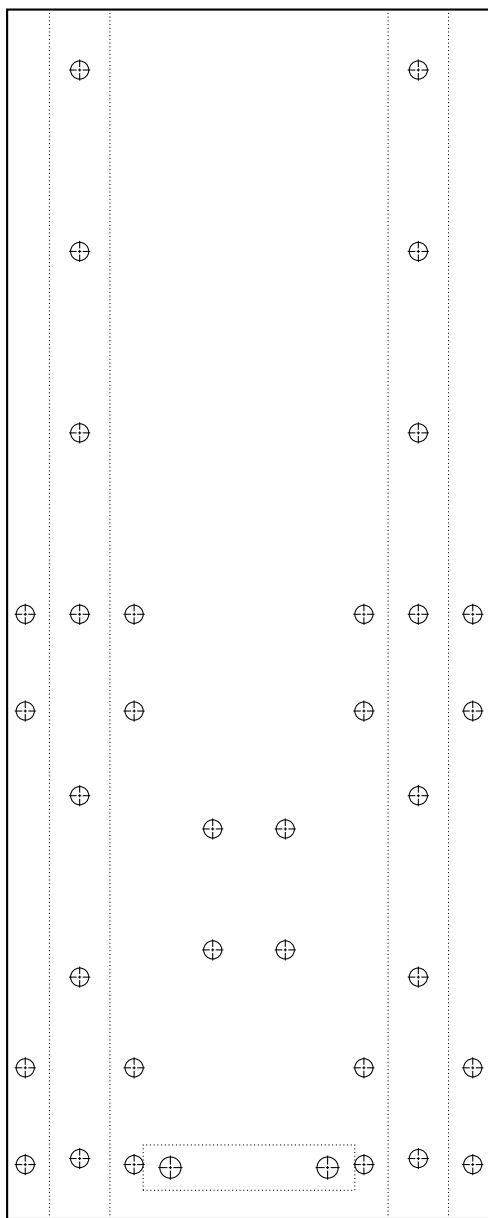
Figure 7: Rear Plate.

Figure 8: Rear Plate 3D.

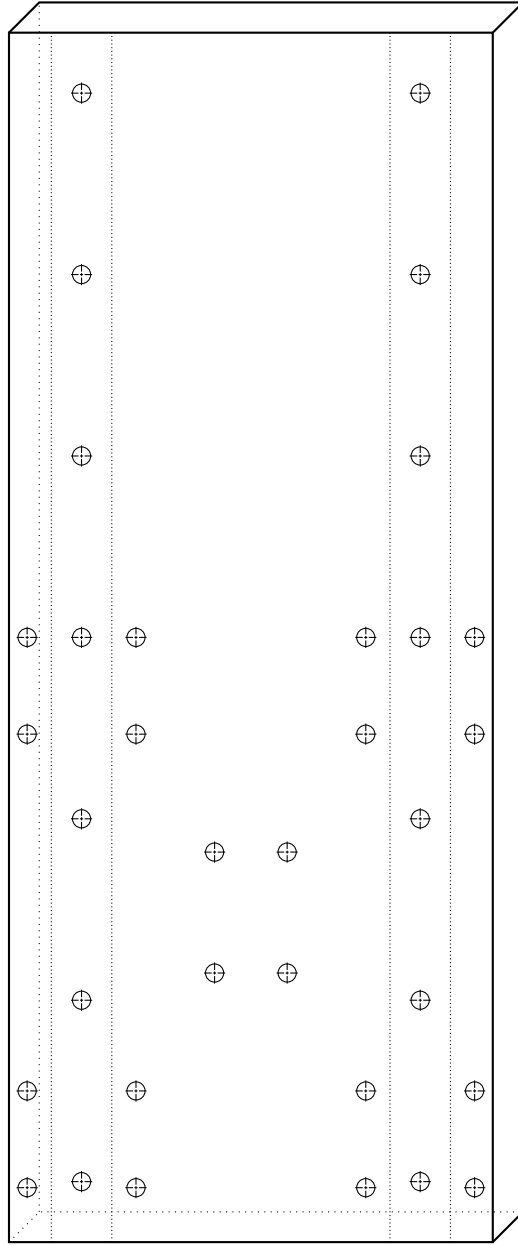8

Figure 9: Spindle Z Mount - Main.
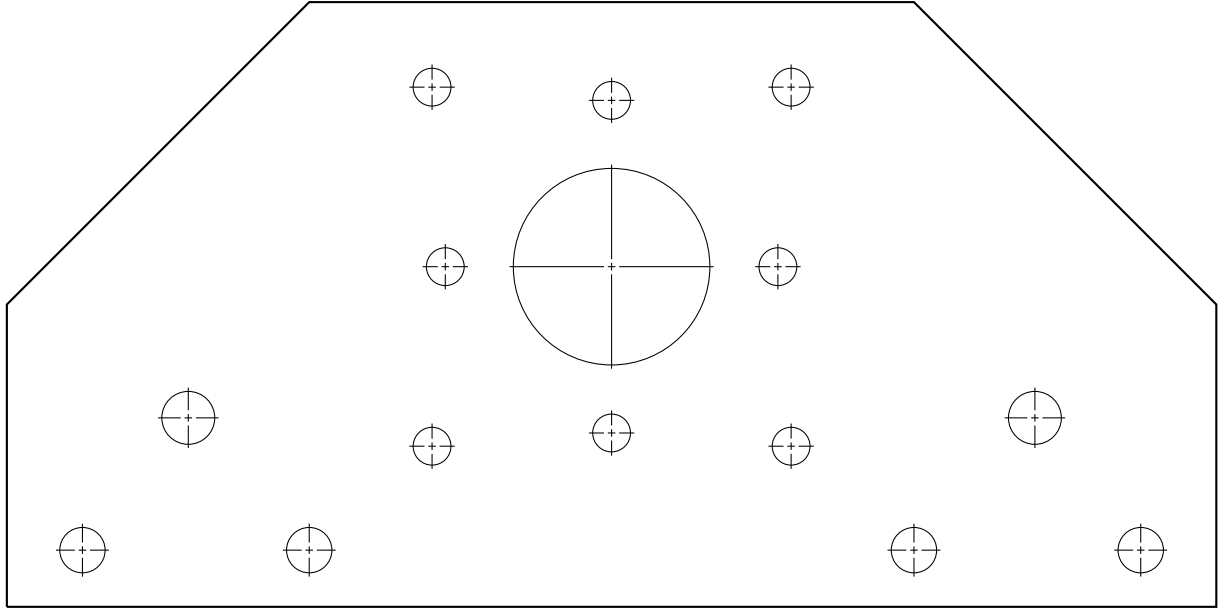
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Figure 10: Spindle Z Mount - Main 3D.
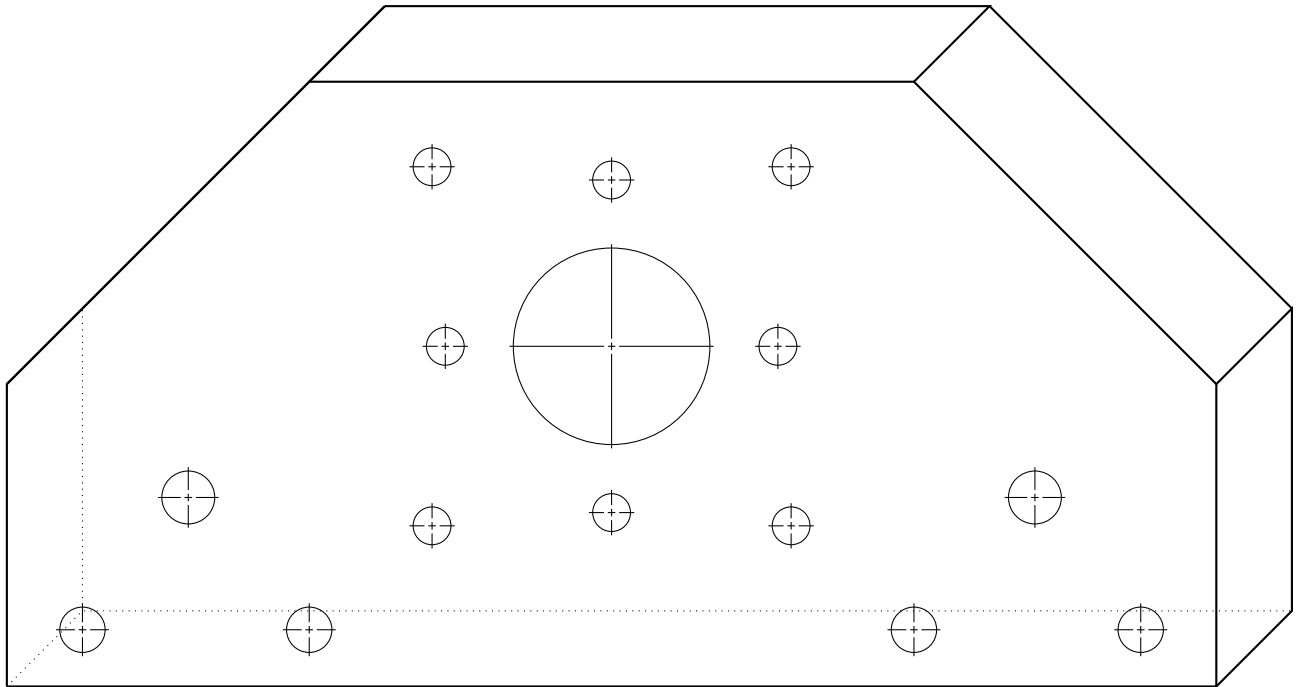
Figure 11: Spindle Z Mount - Upper.

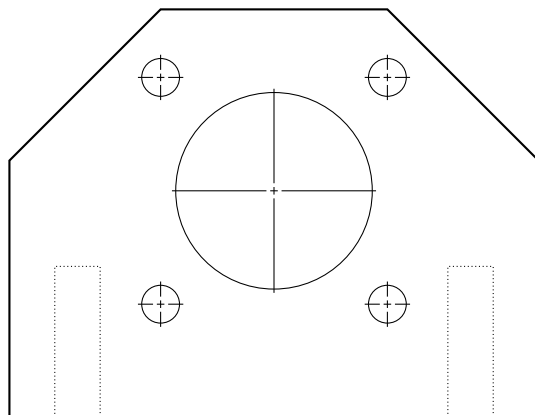Figure 12: Spindle Z Mount - Upper 3D.
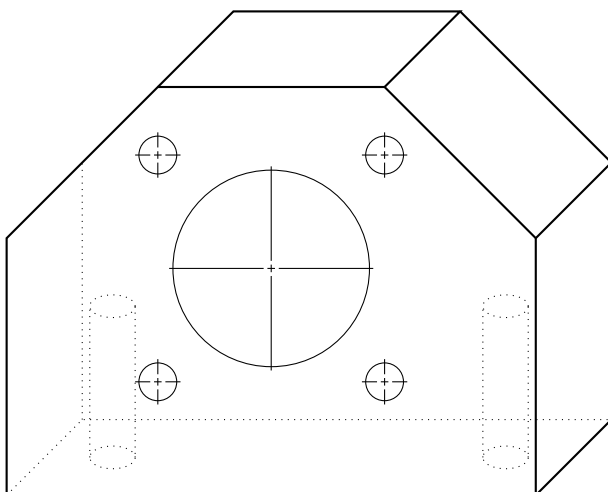
Figure 13: Spindle Z Mount - Lower.

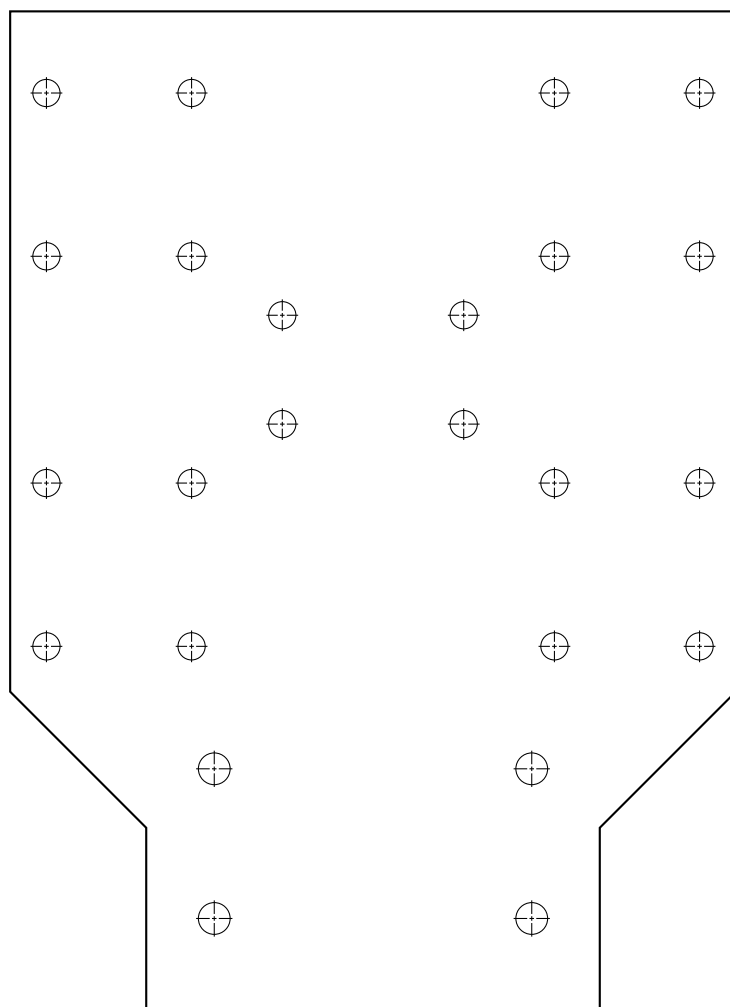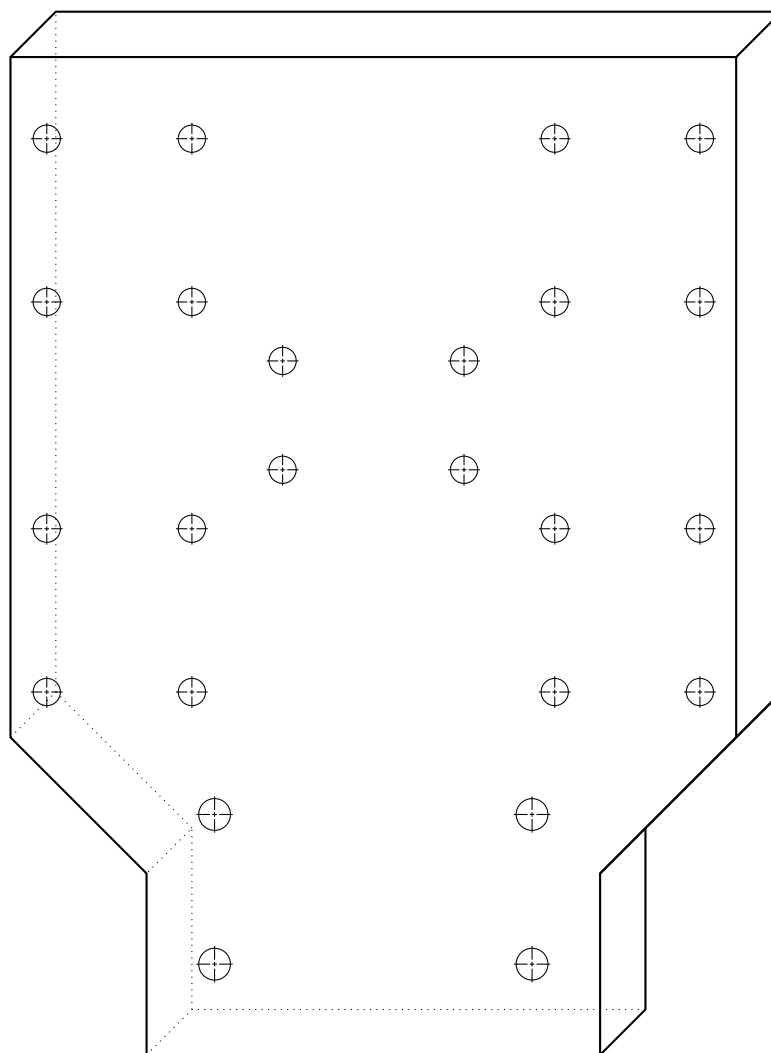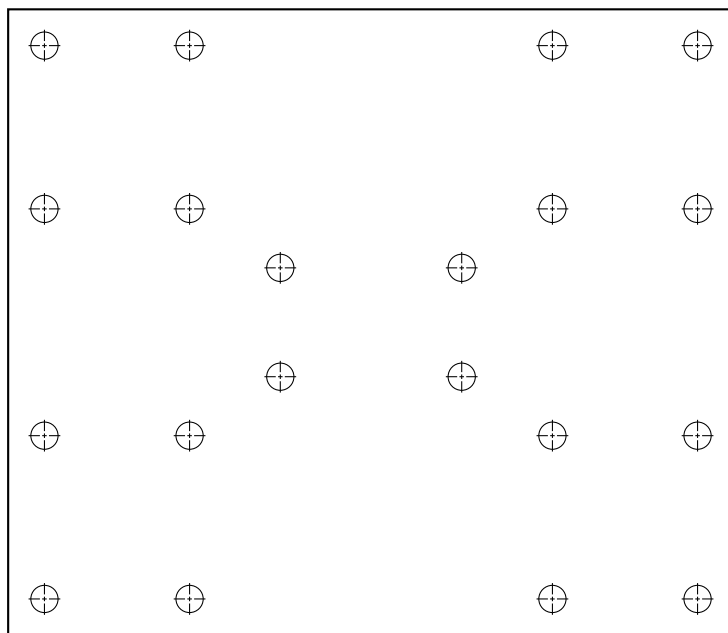Figure 14: Spindle Z Mount - Lower 3D.

Figure 15: Drill Mount.

Figure 16: Drill Mount 3D.

Figure 17: Drill Mount Support Plate.