

# CNC Router

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Version 2.0

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# 1 Introduction

## 2 Portal

### 2.1 Spindle X mount

#### 2.1.1 Base Plate

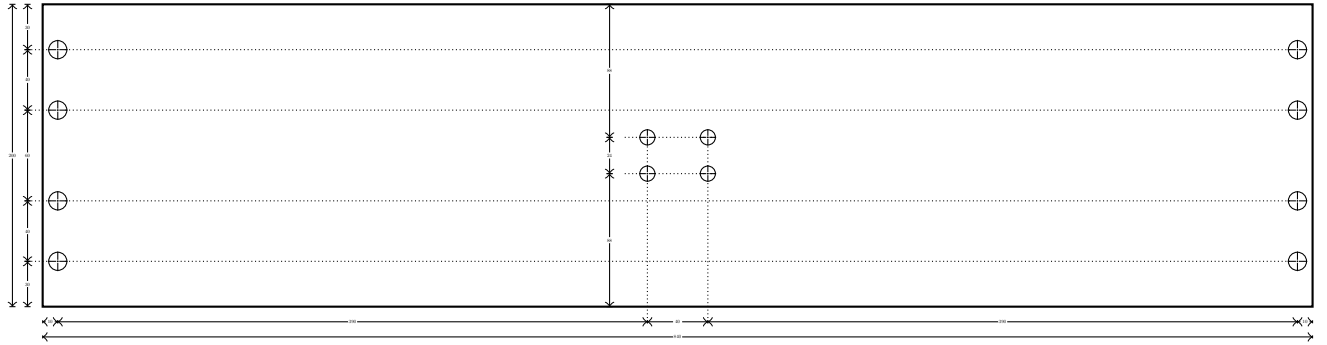


Figure 1: Base Plate.

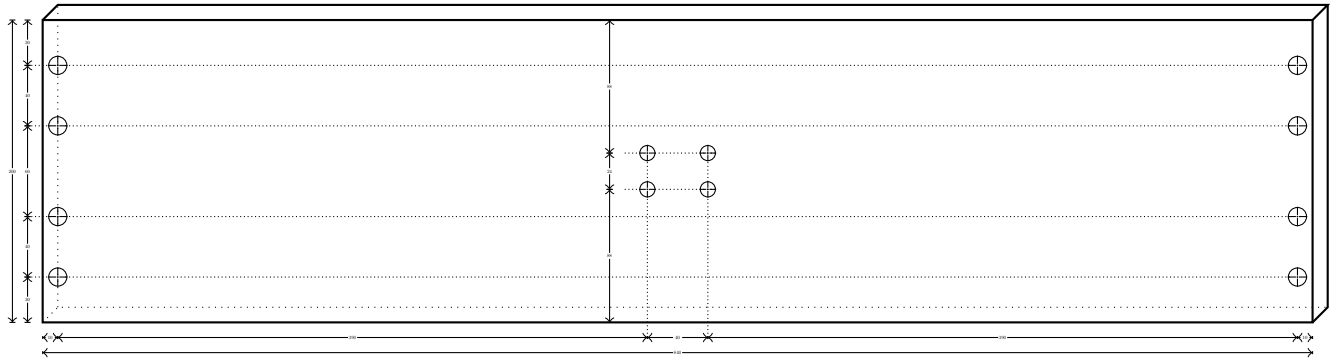


Figure 2: Base Plate 3D.

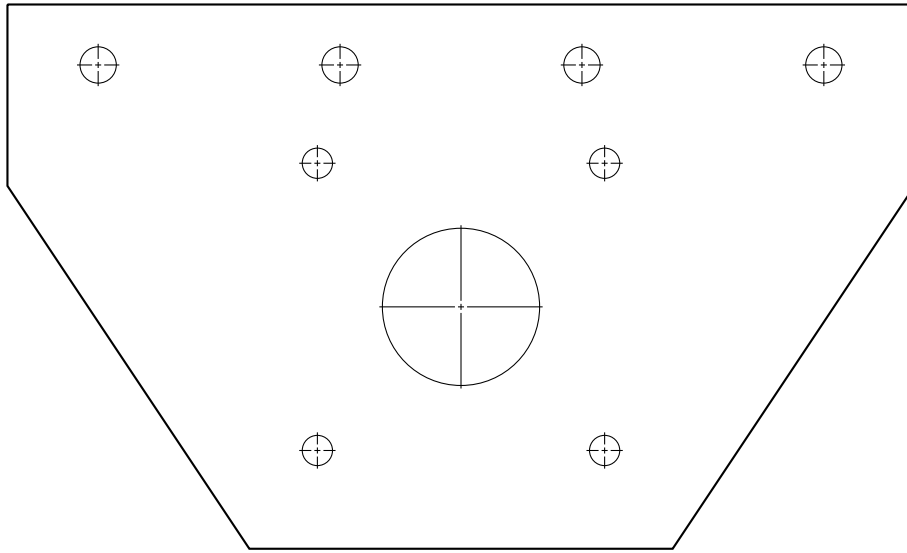


Figure 3: Front Plate.

### **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**

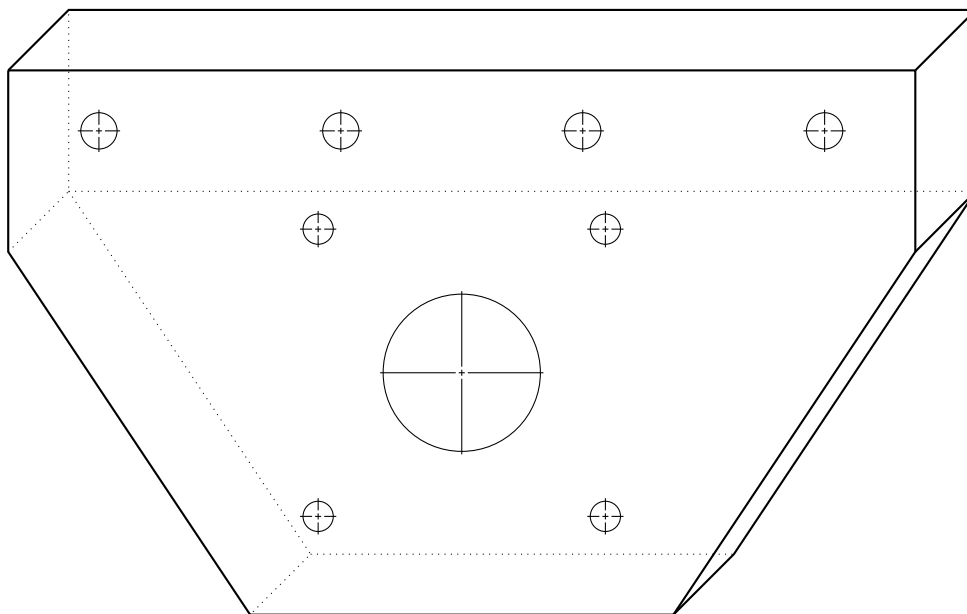
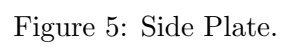


Figure 4: Front Plate 3D.



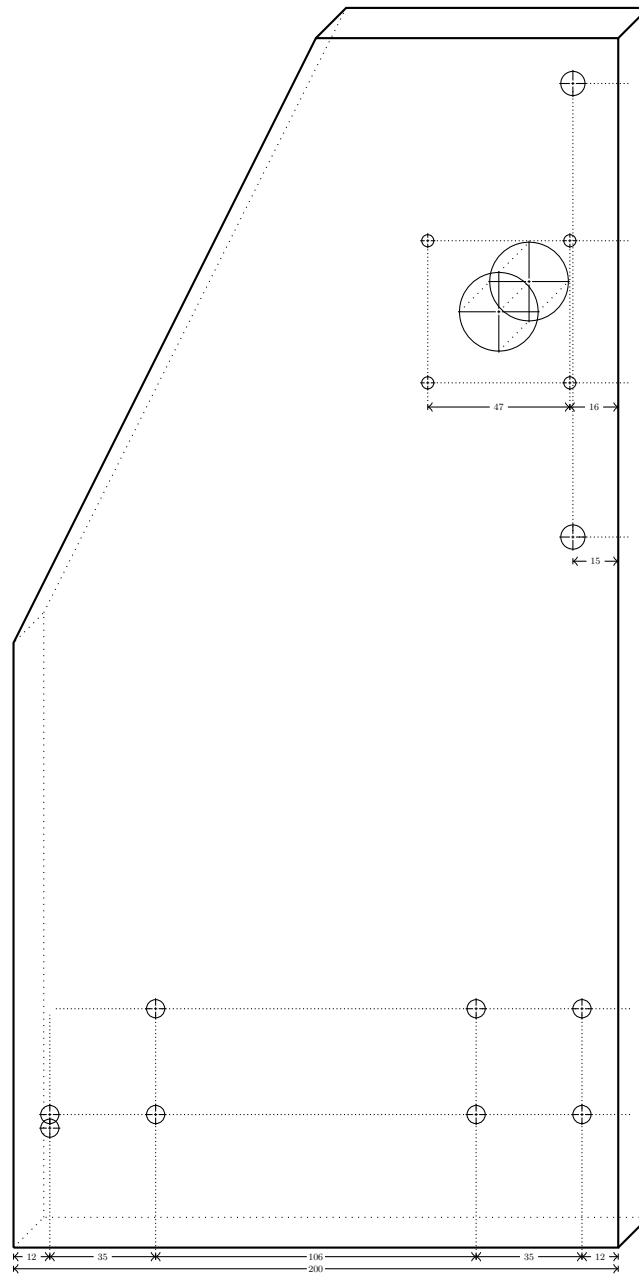


Figure 6: Side Plate 3D.

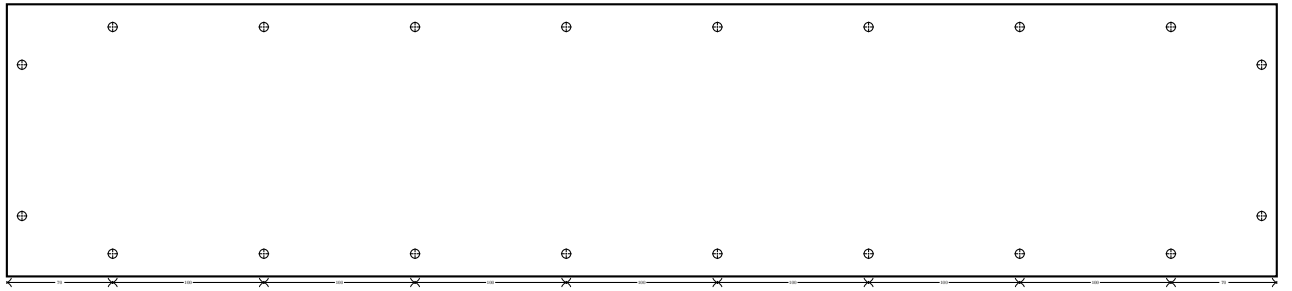


Figure 7: Rear Plate.

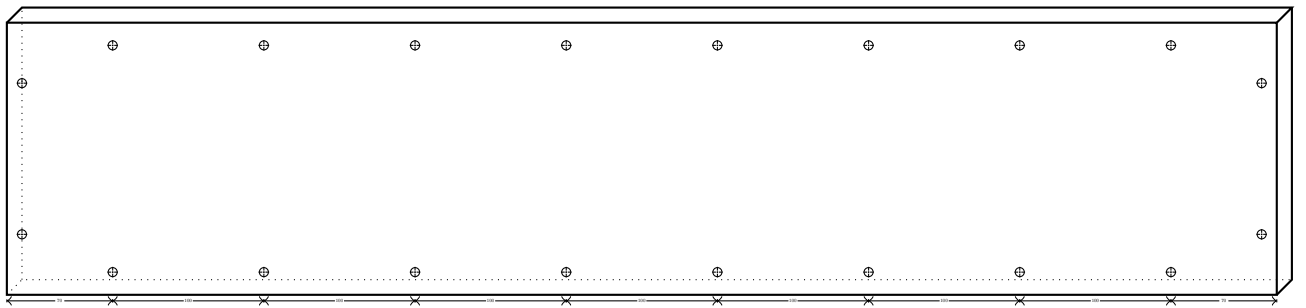


Figure 8: Rear Plate 3D.



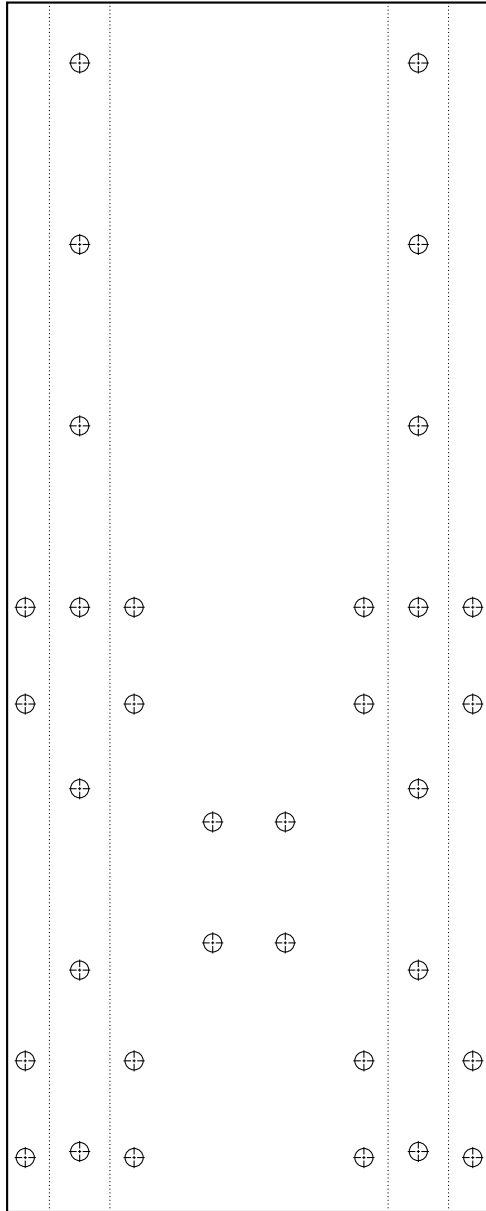


Figure 9: Spindle Z Mount - Main.

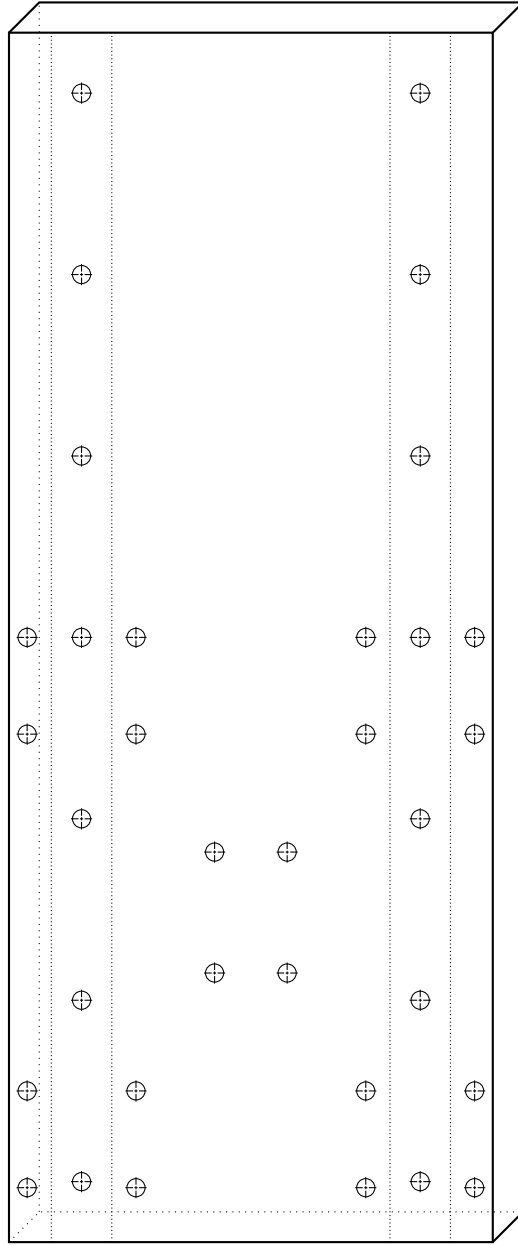


Figure 10: Spindle Z Mount - Main 3D.

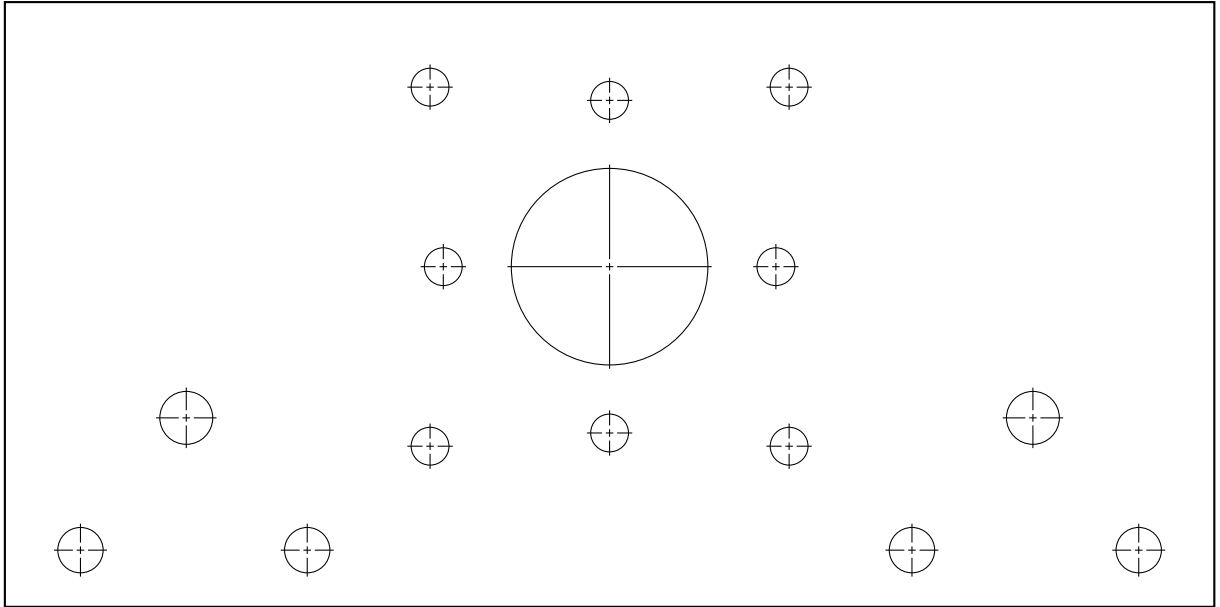


Figure 11: Spindle Z Mount - Upper.

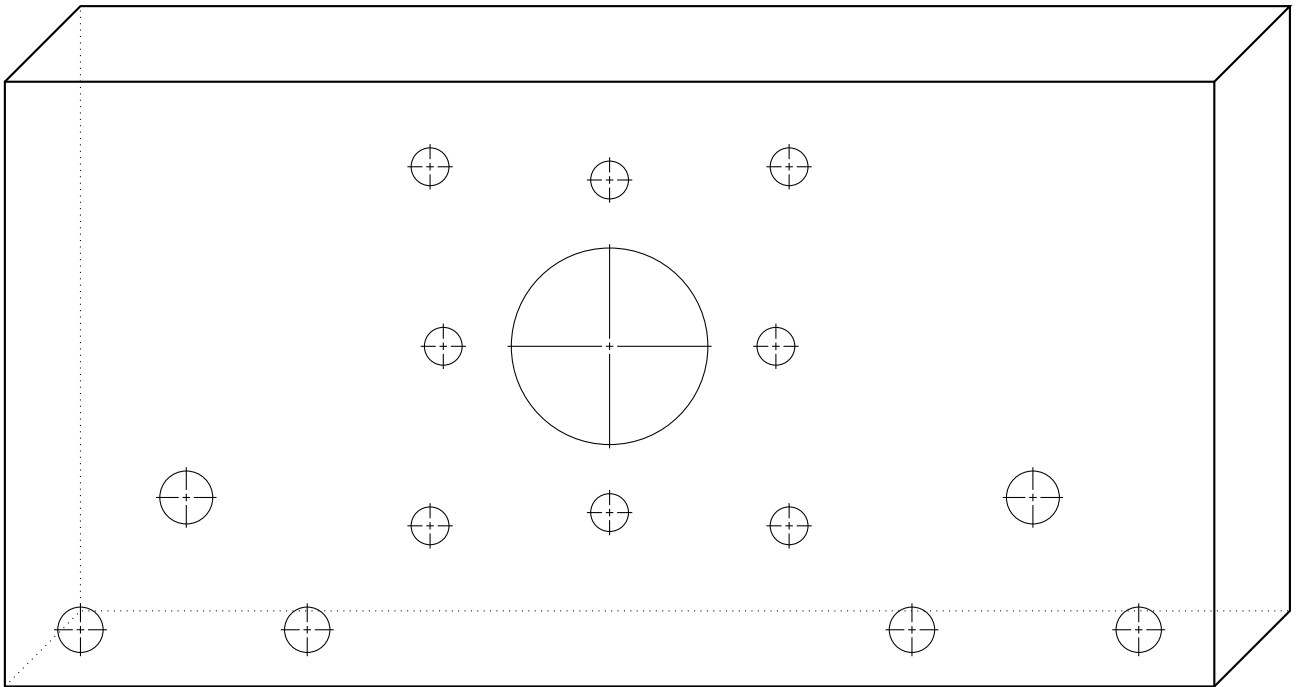


Figure 12: Spindle Z Mount - Upper 3D.

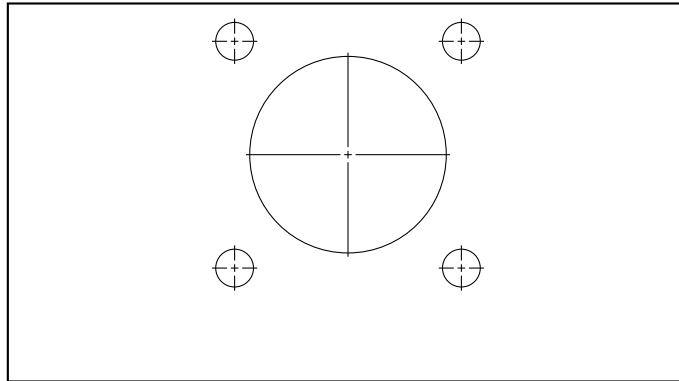


Figure 13: Spindle Z Mount - Lower.

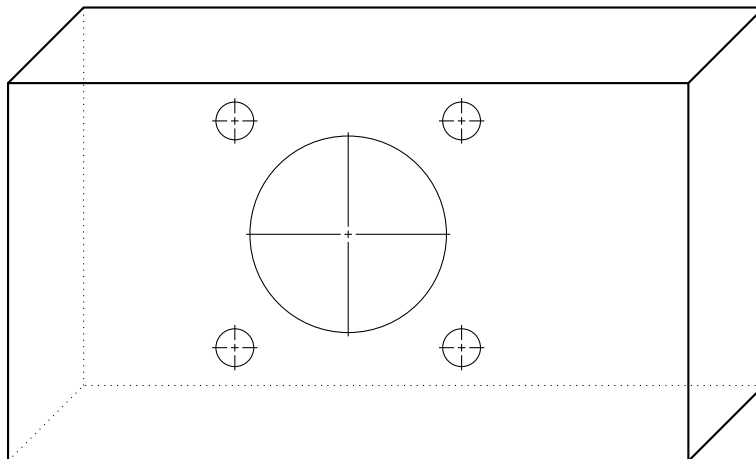


Figure 14: Spindle Z Mount - Lower 3D.

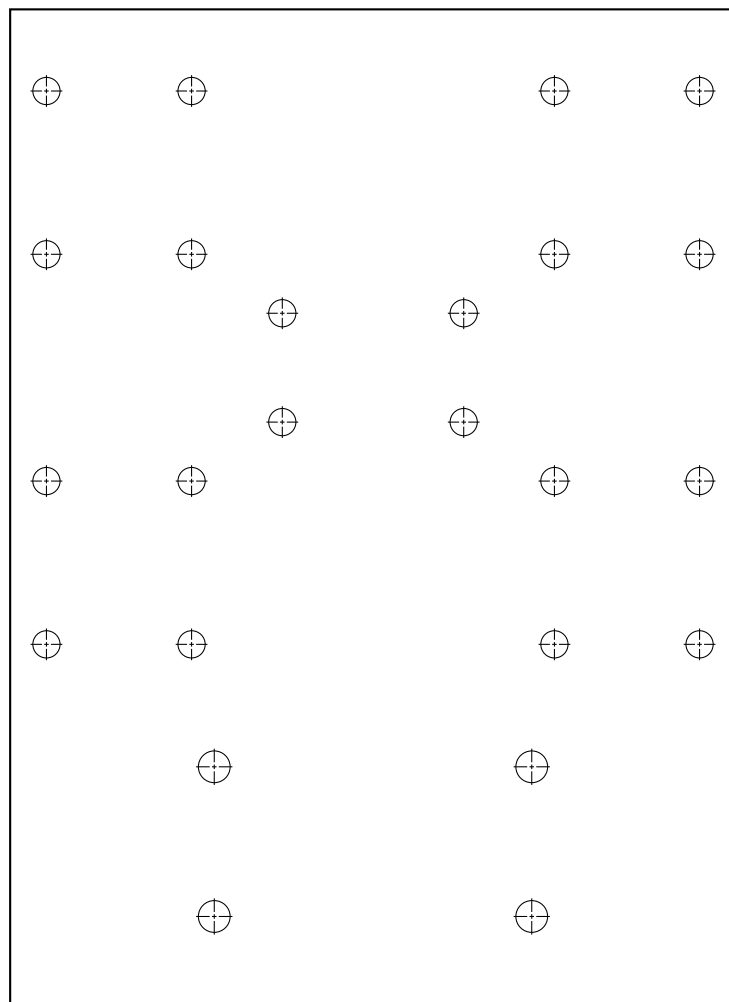


Figure 15: Drill Mount.

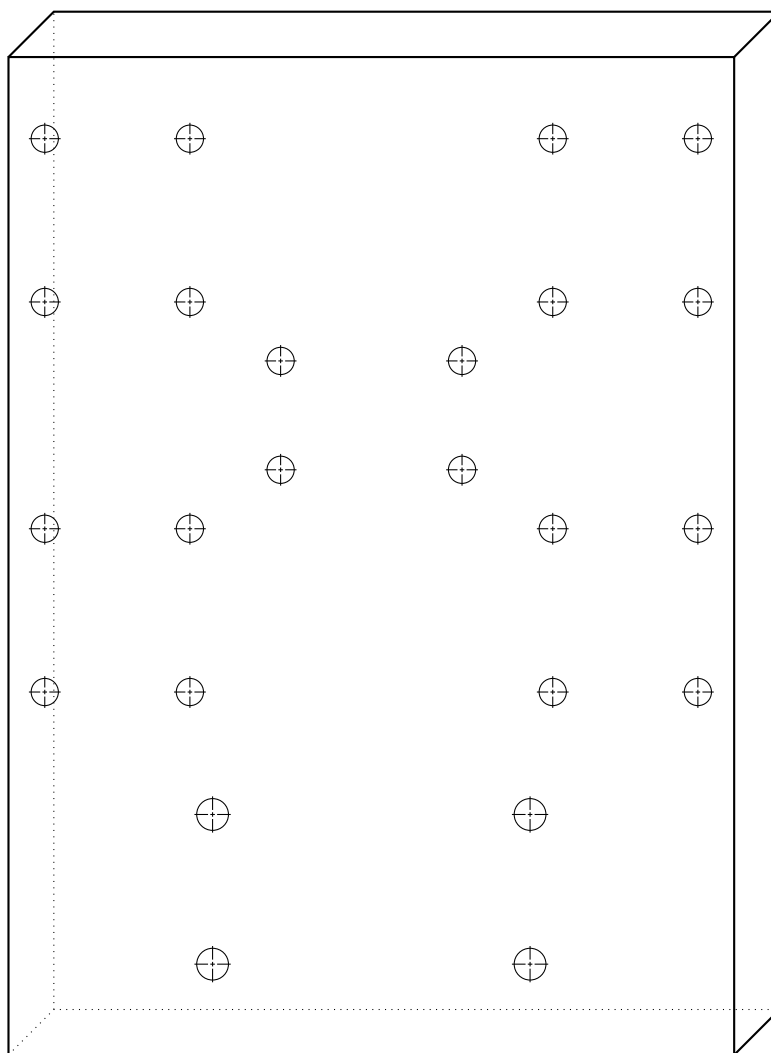


Figure 16: Drill Mount 3D.

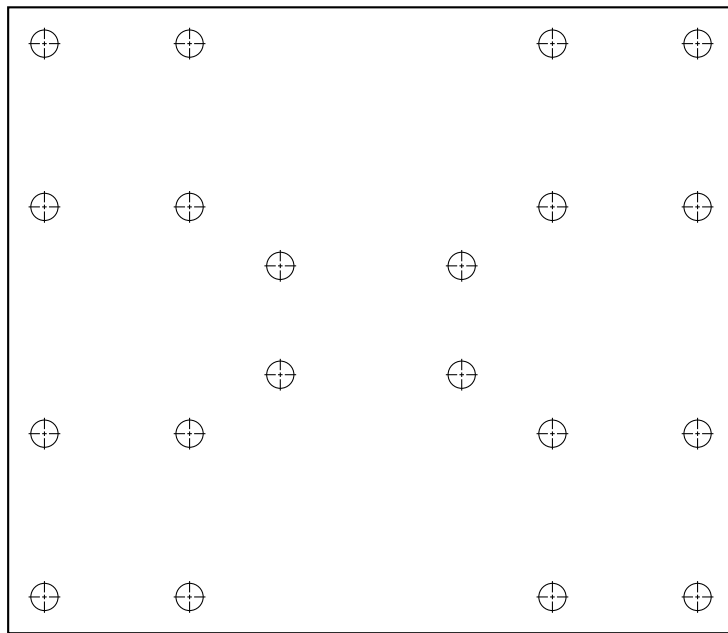


Figure 17: Drill Mount Support Plate.