

Bench Vice

My final project is to draw and assemble a bench vice. The garment rack consists of 11 components and number of different components varies. But in general, there are 25 parts in total.

Following figure is the overall view of the bench vice.

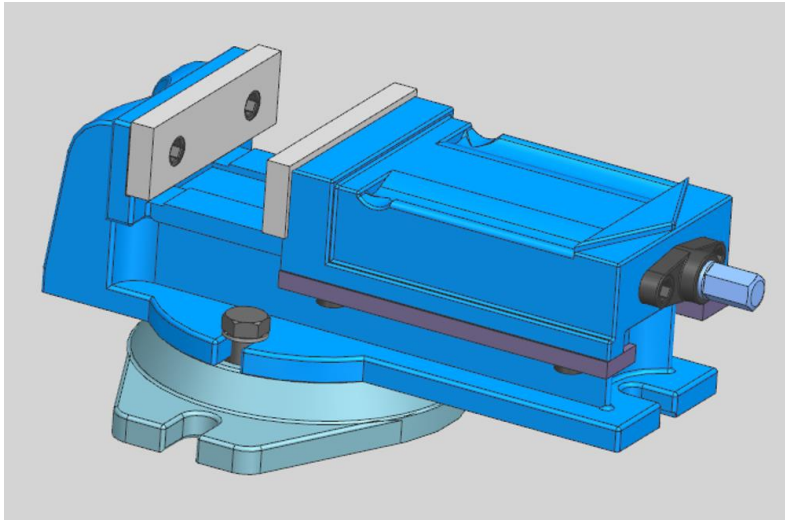


Figure 1 Overall View of The Bench Vice

Component 1: Fixed Block

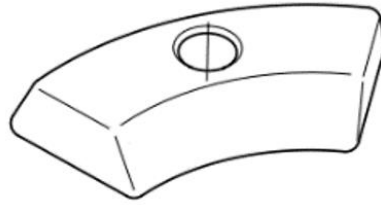


Figure 2 Fixed Block

Component 2: Gasket

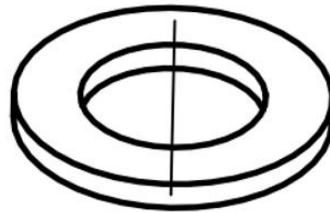


Figure 3 Gasket

Component 3: Hexagon Socket Screw

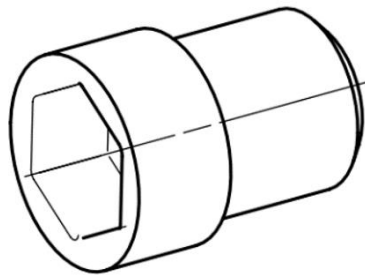


Figure 4 Hexagon Socket Screw

Component 4: Jaw

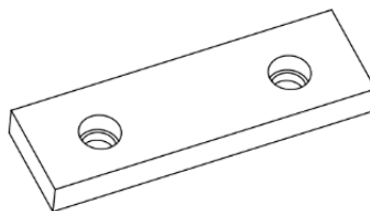


Figure 5 Jaw

Component 5: Lampstand

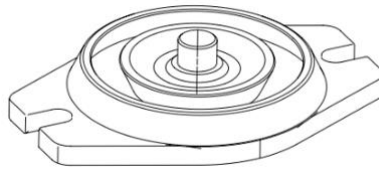


Figure 6 Lampstand

Component 6: Lead Screw

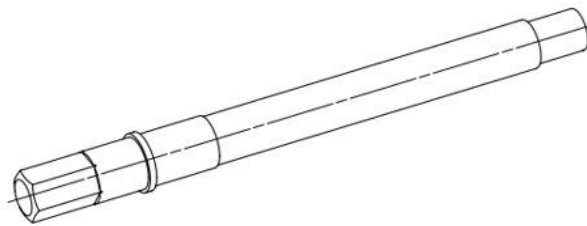


Figure 7 Lead Screw

Component 7: Bending Rod

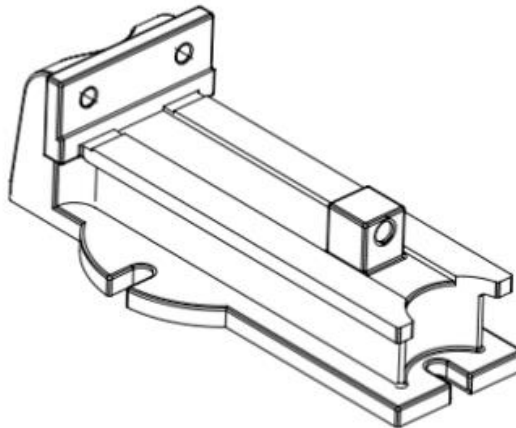


Figure 8 Lower Shoe

Component 8: Rail

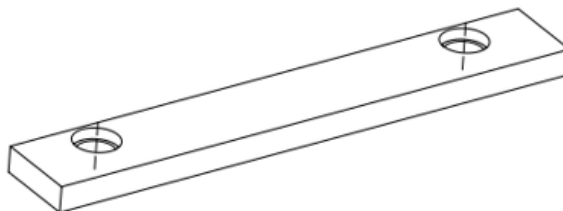


Figure 9 Rail

Component 9: Screw

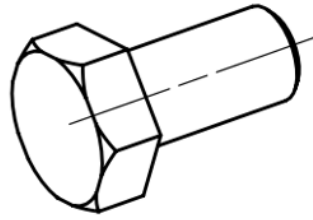


Figure 10 Screw

Component 10: Screw

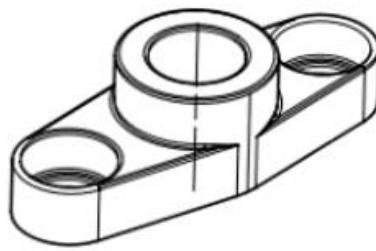


Figure 11 Stationary Fanged

Component 11: Screw

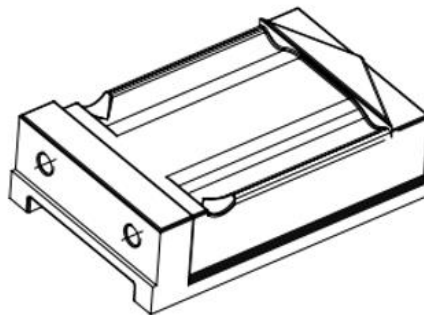


Figure 12 Top Plate

Table 1 The Quantity of Each Component

Component	Quantity
Screw	2
Gasket	2
Jaw	2
Hexagon socket screw	10
Lower shoe	1
Top plate	1
Lead screw	1
Stationary flanged	1
Rail	2
Fixed block	2
Lampstand	1