

# Things to Cut and Drill Cheat Sheet

## Materials

Please note:

All measurements are in inches.

All angle irons and flat bars are 1/4 inch thick.

### Angle Irons:

2 x 2 x 10 1/2 - Qty: 2

1 1/2 x 1 1/2 x 6 1/2 - Qty: 3

### Flat Bars:

1 1/2 x 1 1/2 - Qty: 1

2 x 3 - Qty: 1

1 1/4 x 4 - Qty: 2

1 1/4 x 2 3/4 - Qty: 1

### Misc:

C-Channel (6x2x10 1/2) - Qty: 1

Machinist Bolt (1/2 x 1) - Qty: 10

Machinist Bolt (3/8 x 1) - Qty: 7

Threaded Rod (1/2 x 9 1/2) - Qty: 1

Rod (1/2 x 5 1/2) - Qty: 1

Cap Nuts (3/8) - Qty: 2

Nuts (1/2) - Qty: 3

### Drill-Bits:

1/2 (0.500)

27/64 (0.4219)

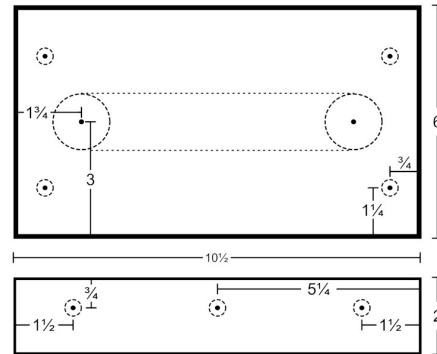
3/8 (0.3750)

5/16 (0.3125)

1 1/2 (Diameter) Hole Saw

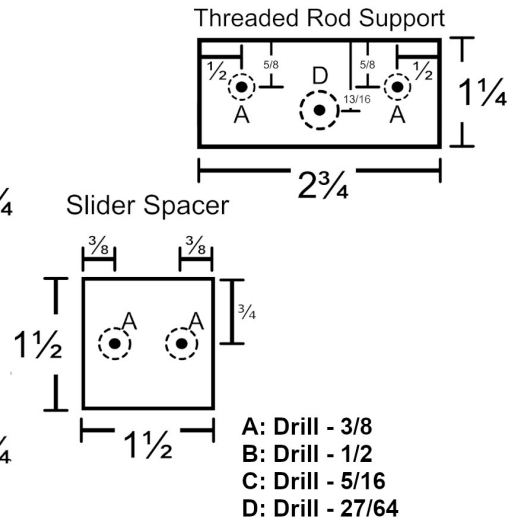
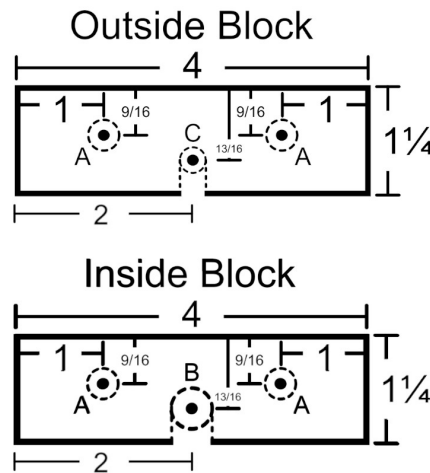
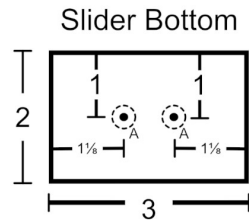
Shaper

## C Channel



All Small Drill Holes - Drill : 27/64 Tap : 1/2 - 13  
Large Holes - 1 1/2 inch hole saw. Connect using grinder.

## Flat Bars

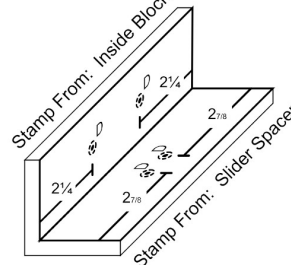
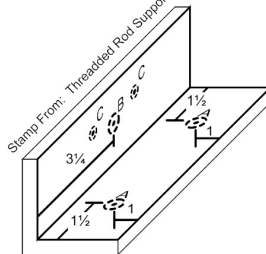
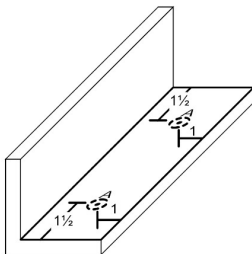


## Angle Irons

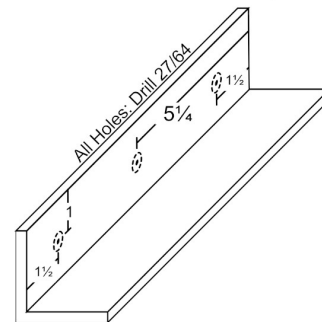
Stationary Block 6 1/2 x 1 1/2

Fixed Angle 6 1/2 x 1 1/2

Sliding Angle 6 1/2 x 1 1/2



Side Connections 10 1/2 x 2



A: Drill - 1/2  
B: Drill - 27/64 Tap - Course Thread 1/2  
C: Drill - 5/16 Tap - Course Thread 3/8  
D: Drill - 5/16 Tap - 3/8 - 16