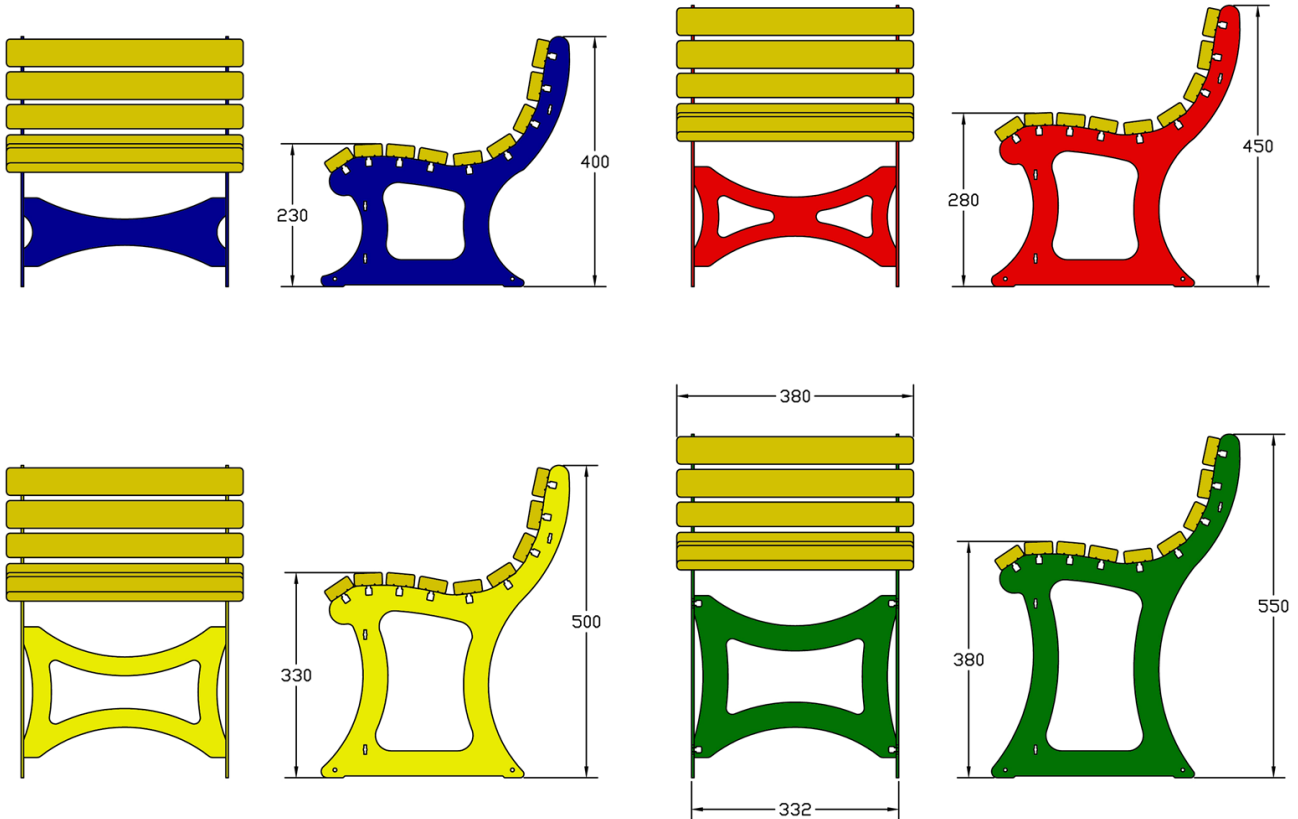


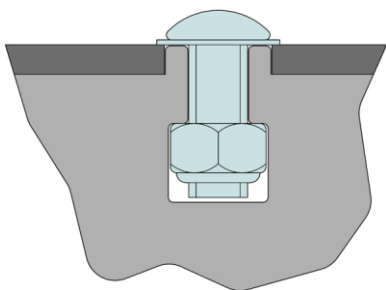
## Assembly instructions for the universal seat range



### Tools required

A set of metric Allen keys or the average 1/4" drive socket set will give you all that you need.

### The build concept.



The frame is bolted together to make the kit build as accessible to as many of you as possible. The tabs are inserted into the slots, the nyloc nuts slid into place and the screws with the washer fitted are tightened, finger tight at first, then once all the screws for the current operation are in place they are tightened with a battery screwdriver or electric drill. If you are using a battery screwdriver you may need to do an extra tighten by hand just to make sure that the screws are fully home, they don't need to be super tight.

Unless otherwise stated use M6 x 16 button head screws with thin (form B) washers under the screw head and nyloc nuts. The washers give the screws the correct clearance in the slots and protect the paint if you have painted before bolting up.

### Shopping list

|                                        |                        |
|----------------------------------------|------------------------|
| M6 x 16 stainless button head screws   | 24 off                 |
| M6 x 35 stainless flanged head screws  | 18 off                 |
| M6 stainless thin form B washers       | 6 off                  |
| M6 thin nyloc nuts BZP                 | 44 off                 |
| Planed all round timber of your choice | 3.5m (380 long, 9 off) |

> The seat frame is assembled as shown with the small stretcher at the top of the back, using M6 x 16 screws, thin washers and nyloc nuts.



< The frame is fitted with nine strips of 25mm x 50mm 'planed all round' timber each about 380mm long as seat slats. These need 6mm holes drilling accurately to match the centres of the side frames using the drilling template supplied.

> You may wish to round off the edges of the slats, to do this I screwed my router to the underside of a piece of plywood and used a 6mm radius cutter with a guide roller to round off all the edges. The timber is always fed into the left side of the cutter, so that the timber is being pushed back towards you rather than being pulled out of your hand. Radius the long edges first, then the long ends, then the short. This minimises splitting. Otherwise just use a sanding block.



< The slats are assembled to the frame in the same way as the steelwork with M6 x 35 flanged button head screws into nyloc nuts. Use your finger tips to locate the nuts evenly in the holes while passing the screws through, there are points on the frames which bite into the wood as the bolts are tightened. The bolts should bottom in the hole to prevent the timber from being crushed. Finish to your choice, I used a breathable wood stain. The seat is fixed down using your own angle brackets bolted to the seat legs.