The folding stools have the same features as other stools, except that they can be folded. Because of that, they are very practical; since they are portable and when folded they take very little space. They are suitable for use at home, in the yard, during the camping, fishing and picnic, or for some similar purpose in the nature. Folding stool can also be used as a stand for flowers or as a step stool. Their purpose is not to be comfortable, but rather a quick solution for sitting during dealing with some work.

You are looking at the folding stool plan for a simple stool, which is very easy to make and has shown very good results. The folding stool made by this plan is characterized by simple and sturdy construction sufficient to withstand the weight of an average man; it is comfortable and easy to fold and unfold. To make this folding stool you do not need many tools and machinery, and since its construction is simple, the manufacture of this folding stool is good exercise for beginners. Since its construction does not have complicated woodworking joints, it is suitable for the large series production. Assembling of this kind of the folding stool is fast, because the connections between parts are made by glue and fasteners.

Folding stools are frequently used in the households, so we recommend you to make a few of these stools and arrange them to always have one at hand. Experienced woodworkers could customize the stool’s dimensions and then easily make a table with the same structure and manufacture a perfect set for the picnic or camping. When you make this type of folding stool you will get one universal stool, which will serve you well in the house and in the backyard, and you will have also a high quality, cheap replacement for the camping stool, fishing stool and other similar stools.

To make this folding stool you can use many types of wood. You should keep in mind that this folding stool has to withstand your weight, so if you want it to last for long period of time, use some kind of hardwood (birch, hickory, oak, walnut, ash, beech, ...).
When it comes to the finish, you can paint it with color or lacquer, but you can also leave it without a finish. We are using this folding stool in the backyard without finish for years. Of course, we always put it in a dry place, where it is not exposed to the various weather conditions.

At the beginning of this page there are photos, on which you can see the wooden folding stool made by this plan.

The measurements are given in millimeters, while the measurements given in inches are in brackets (1 inch = 25.4 mm).
<table>
<thead>
<tr>
<th>Item Number</th>
<th>Title</th>
<th>Material</th>
<th>Quantity</th>
<th>Category</th>
</tr>
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<tbody>
<tr>
<td>1</td>
<td>Seat Plank</td>
<td>Wood</td>
<td>7</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Main Plank</td>
<td>Wood</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Leg 1</td>
<td>Wood</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Leg 2</td>
<td>Wood</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Longer Crossbar</td>
<td>Wood</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Crossbar</td>
<td>Wood</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Wood Screw D4.5x6mm</td>
<td>Steel</td>
<td>12</td>
<td>Standard Part</td>
</tr>
<tr>
<td>8</td>
<td>Washer 5mm</td>
<td>Steel</td>
<td>4</td>
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</tr>
<tr>
<td>9</td>
<td>lock Washer 5mm</td>
<td>Steel</td>
<td>4</td>
<td>Standard Part</td>
</tr>
<tr>
<td>10</td>
<td>Hexagon Nut M5</td>
<td>Steel</td>
<td>4</td>
<td>Standard Part</td>
</tr>
<tr>
<td>11</td>
<td>Bolt M6x60mm</td>
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<td>Standard Part</td>
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<tr>
<td>12</td>
<td>Wood Screw D4.5x6mm</td>
<td>Steel</td>
<td>2</td>
<td>Standard Part</td>
</tr>
</tbody>
</table>
Assembly Drawing
1. Seat Plank

Mark and drill holes during assemblage
2. Main Plank

Mark and drill hole Ø5,5mm during assembly.
Mark and drill hole ∅5,5mm during assemblage

3. Leg 1
4. Leg 2

Mark and drill hole Ø5,5mm during assemblage
5. Longer Crossbar
6. Crossbar
Standard Parts

7. Wood Screw D4.5x40mm

11. Bolt M5x50mm

8. Washer 5mm

10. Hexagon Nut M5

9. Lock Washer 5mm

12. Wood Screw D4.5x35mm

Standard Parts
Assemblage Instructions

1. Join the parts Leg 2 (parts 4) and Longer Crossbar (parts 5) together with glue.

2. Join the parts Leg 1 (parts 3) and Crossbar (part 6) together with glue.
3. Mark the positions of the Seat Planks (parts 1) on the Main Planks (parts 2) with pencil.

You have to pay attention that the distances on pictures a and b are equal.

Picture a
4. Lean one Seat Plank (part 1) part on the parts Main Planks (parts 2) following the instruction given in the 2D documentation. Then drill the pilot holes and chamfer the edges.
5. Repeat this procedure to drill the pilot holes on all other Seat Planks (parts 1).

6. Put the Seat Planks (parts 1) parts on top of the Main Planks (parts 2) parts and join them together by using Woodscrews (parts 7).
7. Arrange the subassemblies from point 1 and point 2 in the same way, as you can see on pictures, and drill the holes through them.
8. Join the subassemblies made in step 1 and step 2 together, by using Bolts M5x50mm (parts 11), Washer 5mm (parts 8), Lock Washer 5mm (parts 9) and Hexagon Nut M5 (parts 10)
9. Set the subassembly from the step 6 following the 2D documentation onto the subassembly made in the previous step (make sure, that the subassembly from step 6 stays horizontally) and drill the holes through them.

10. Join the subassemblies from the previous step, by using Bolts M5x50mm (parts 11), Washer 5mm (parts 8), Lock Washer 5mm (parts 9) and Hexagon Nut M5 (parts 10)