

NOVA Project

FREE PROJECT

Quick Facts

Level: Beginner/Intermediate - some basic knowledge of general bowl cutting techniques is preferable.

Time: Around 30 mins

Tools Needed

NOVA G3 Chuck

Bowl gouge

Parting tool

Skew (optional)

Forsner bit or hollowing tool

Wood Size

200mm/7.87"
x 60mm/2.36"

Safety

Always read and understand the instruction manual for any product or equipment before using.

Always use safe practices and appropriate safety equipment.

Only use genuine NOVA parts and products.

Pen Box (Lidded Box)

Step 1. Rough out blank between centres.

Step 2. Turn a spigot on one end of the blank and reverse into chuck.

Step 3. Mark out top and bottom of box (recommended 65mm for the top and 120mm for the bottom - allowing 50mm depth for the top and 100mm depth for the bottom). Also put some reference lines horizontally to match up the grain later.

Step 4. Part of the base and true up the face of the lid.

Step 5. Create the dovetail for the join using a parting tool, hollow out the lid and decorate it how you like, and finish.

Step 6. Inside of the lid finished.

Step 7. Mount the base in chuck.



Step 1



Step 2



Step 3



Step 4



Step 5



Step 6



Step 7

Step 8. Roughly fit lid. (If you fit it properly now the lid may not fit tight later).

Step 9. Hollow out the base using a forsnor drill bit, hollowing tool, or both.

Step 10. Now Fit the lid tightly ensuring the grain matches up using the horizontal lines put on before. Bring up the tailstock for extra support.

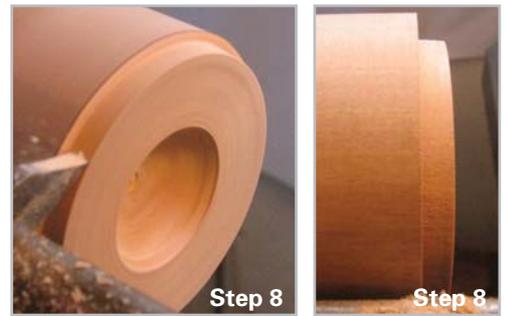
Step 11. Turn the lid's spigot down to about 10mm.

Step 12. Turn (using the skew or bowl gouge if you are not confident enough with the skew), decorate, and finish what will be the sides of the box.

Step 13. Finish what will be the top of the box. If your lid is on the base tight enough you can gently turn it or else you can make another jamb chuck later to finish it.

Step 14. Take a very small amount of wood off the base spigot so the lid will come on and off better.

Step 15. Finish the base of the bottom of the box using a jamb chuck and the tailstock for extra support.



Now, you have a perfect Pen Box - an attractive and welcome gift for friends and family.



The NOVA G3 Chuck is perfect chuck for lathes with up to 355mm/14" diameter swing.

With its exclusively designed 50mm/2" jaw, it is capable of holding bowls up to 400mm/16" and up to 177mm/7" for spindle projects without additional support during all kinds of turning.

