

Do It Yourself

To print this page, select **File** then **Print** from your browser

URL: http://www.diynet.com/diy/ww_chairs_stools_benches/article/0,2049,DIY_14439_2417970,00.html

Contemporary Dining Chair: Finishing Touches

From "[Wood Works](#)"

episode WWK-507 -- [More Projects »](#)

The final steps in the creation of the contemporary dining chair include further securing the back with screws, and concealing the with decorative ebony caps. Finally, a wood finish is applied.

Materials:

Hand scraper

Micro-plane

Hollow-chisel mortising bit

Chisel

Wood screws

Ebony caps

Wood finish

Paint brushes

Rags

Safety Alert: *Always* wear safety goggles or safety glasses when working with wood, power-tools, saws, drills, routers, etc.

Safety Alert: *Always* wear protective gloves, and ensure adequate ventilation, when working with wood stains, solvents and other toxic solutions.

Finishing Touches

- Once the glue in the chair assembly has dried fully, use a hand scraper to blend the transitions between elements, and a micro-plane to blend the joint lines (**figure A**). This helps create the illusion that the chair was sculpted entirely out of a single piece of bubinga.
- To strengthen the bond between the seat and back, four screws are added. Pre-drill the holes for the screws, and use a hollow-chisel



The curves and tapers of this contemporary chair create an organic blend of form and function.



Figure A

mortising bit to score the cuts for the caps. Carefully chisel the mortises square using a sharp chisel.

- Add the screws (**figure B**), and set in the square caps made from ebony (**figure C**).
- Break all of the edges using 220-grit sandpaper, then go over the entire piece by hand using 320-grit.
- Brush on and rub in a wood finish (**figure D**). We opted for a combination of tung oil, linseed oil and urethane to bring out and protect the rich, reddish color of the bubinga.



Figure B



Figure C



Figure D

Now that you have a complete set of templates, bending forms and jigs, you can repeat all the steps of this project to create a complete set of dining chairs.

[Click here](#) to order your tools and materials for this project from **Woodcraft!**

- **ALSO IN THIS EPISODE:**

[Contemporary Dining Chair: Templates, Jigs, and Laminates](#)

[Contemporary Dining Chair: Curved Laminate Back](#)

[Contemporary Dining Chair: Sculpted Seat and Legs](#)

[Contemporary Dining Chair: Finishing Touches](#)