#### Do It Yourself

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**Wooden Tool Chest -- Finishing Touches** 

From "Wood Works"

episode WWK-308 -- More Projects »

The finishing steps in the handmade tool-chest is to create the lid by cutting off the top of the box structure, and then applying a wood finish. Brass hardware is also installed.

Materials: Assembled case

Band saw

Block plane

Hand scraper

Tung-oil wood finish

Paint brushes

Rags

Brass hardware: hinges and latch

**Note**: Cut sizes may vary. For exact measurements, please contact David Marks through his Web site -- information below under Resources.

**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 when working with wood stains, solvents and other toxic solutions.

- Fashioning the top for the tool-chest is the simplest step in the construction, since the lid is simply made by cutting off the top of the glued-up box structure with a single, clean cut on the band saw (figure A).
- The cut is positioned by adjusting the band-saw fence so that the cut falls between the second and third dovetail pins. Mark a chalk triangle to ensure that the top is installed properly after the cut has been made (figure B).
- With the fence and blade set, and the assembled box set against



The classic design and joinery of this handmade tool-chest combines function, beauty and durability.



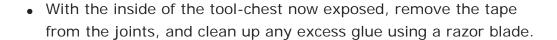
Figure A

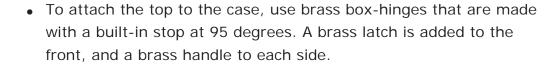


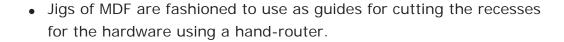
Figure B

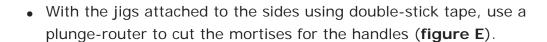
the fence, slice off the top with a single pass on the band saw, and carefully remove the lid piece (**figure C**).

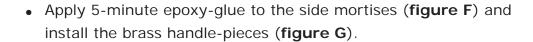
Clean up the edges of the case and lid using a block plane (figure
 D) and hand scraper.













- After the hinges have been pre-fit, remove them for the application of the wood finish. Protect the previously installed latch and handles with tape.
- We selected a finish of tung oil (figure I) to bring out the natural beauty of the wood.

**Care Tip**: The design of the case built in the demonstration is a simple box. If you have the time to invest, you can customize the interior by adding dividers, or creating a tray that rests on ledger strips. It's a good idea to wrap your hand-tools in cloth or leather when storing them to protect both the tools and the inside of the wood case.

## **Sponsored Resource**

> <u>Click here</u> to order your tools and materials for this project from **Woodcraft!** 



Figure C



Figure D



Figure E



Figure F



Figure G

### **RESOURCES:**

## Fine Woodworking

A magazine devoted to high-quality craftsmanship in woodworking.

The Taunton Press Inc Newtown, CT 06470 Phone: 203-426-8171 Fax: 203-426-3434

Email: service@taunton.com

# The Small Wood Shop (The Best of Fine Woodworking)

Model: 1561580619

Author: Helen Albert (Editor)

# Woodworking Techniques: Best Methods for Building Furniture from Fine Woodworking

Model: 1561583456

Author: Fine Woodworking Magazine

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Email: service@taunton.com

# Mastering Woodworking Machines (Fine Woodworking Book)

Model: 0942391985 Author: Mark Duginske

## **David Marks Website**

David Marks, DIY's *Wood Works* host, is a master woodworker. For more information on cut sizes and project details, please contact him via his Website at <a href="https://www.djmarks.com">www.djmarks.com</a>

### ALSO IN THIS EPISODE:

Wooden Tool Chest -- Stock Preparation and Joinery Design
Wooden Tool Chest -- Cutting Dovetail Joinery on a Band Saw
Wooden Tool Chest -- Dados, Maple Panels and Assembly
Wooden Tool Chest -- Finishing Touches

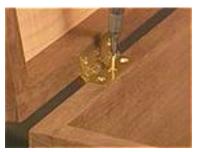


Figure H



Figure I