



KATSURA AUS-10 Hidden-tang Blanks

These instructions are a beginner guide to make a wood handle for KATSURA AUS-10 full-tang knife blanks small size handles.



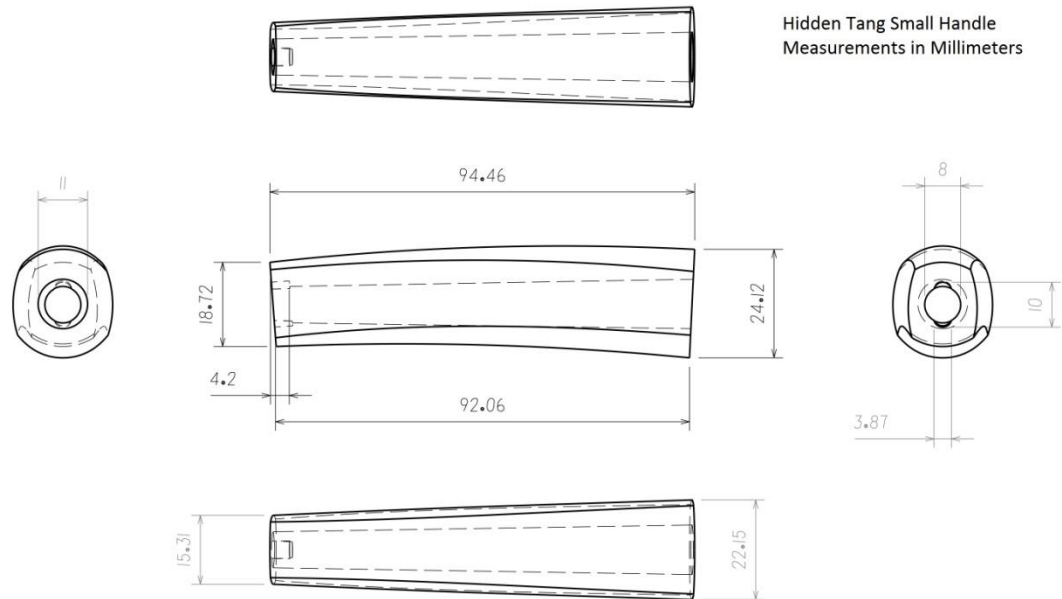
Models

- CKD7B – AUS-10 Damascus 5-in Small Santoku Hidden Tang Blank
- CKD10B – AUS-10 Damascus 3.5-in Paring Knife Hidden Tang Blank

Supplies

- KATSURA Knife Blank
- Handle Material/Knife Scale (see Figure 1 for measurements)
- Drill Press
- Brad-Point Drill Bits 1/2", 3/16", and 5/16" (drill bit size needs may vary with hardness of wood used, for best results see Figure 1 for measurements)
- 1/4" Drive Deep Well Socket
- Saw Tool (bandsaw, scrollsaw, coping saw, circular saw)
- Epoxy or other adhesive
- Sander Tool
- Sandpaper
- Pen/Marker for use on wood

Figure 1



Instructions

1. Take your handle material/knife scale and mark the center of each end.
2. Using a drill press and a 1/2" brad-point bit, drill the center of one end to a depth of 3.5 inches (the length of the tang plus 0.5 inch).
3. Use the 3/16" brad-point bit and drill the other end all the way through.
4. Figure the orientation of the blade and mark on the end with the small hole. Use the 5/16" brad-point bit to make a small recess and 2 small drill holes in the direction of the blade to accommodate the anti-twist feature at the bolster and mark the shape of the bolster.
5. Cut the handle at the end with the large hole at an angle (you can use the product box or Figure 1 as a reference). Mark the location of the end cap.



6. Use a saw to cut a rough shape of the handle and use a sander to about 1/16'' bigger than the desired final size of the handle.
7. Insert the tang partway and apply epoxy or other adhesive into the small hole and bolster cavity. Use a 1/4'' drive deep well socket to apply the nut to the tang, make sure the orientation of the blade is correct and tighten until secure.
8. Apply epoxy or other adhesive into the large hole, and then fix the end cap to the handle making sure to align the direction properly relative to the blade.
9. Use a sander tool to shape the handle and use sandpaper to make final touches to the shape by hand.
10. You can choose to apply chemicals for hardening the wood or coating for durability or nicer look.