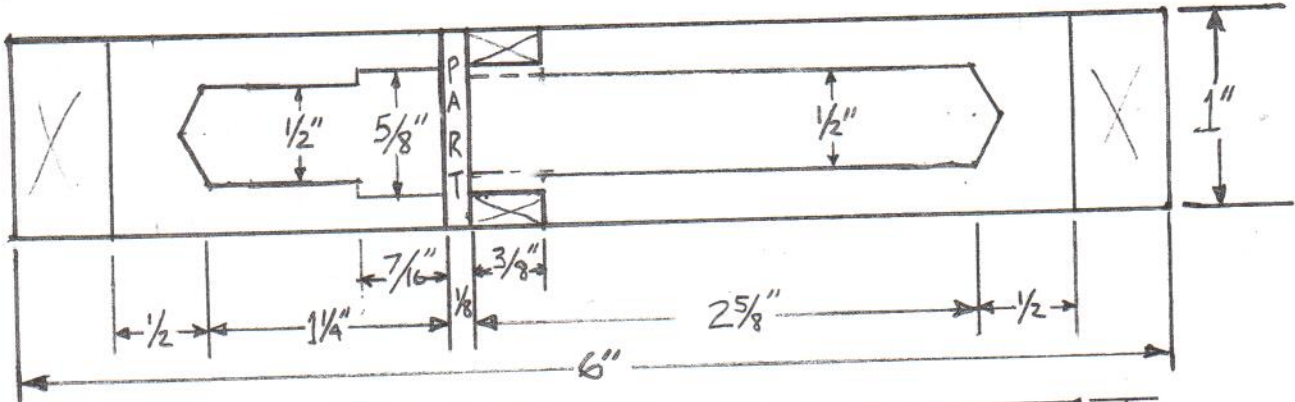


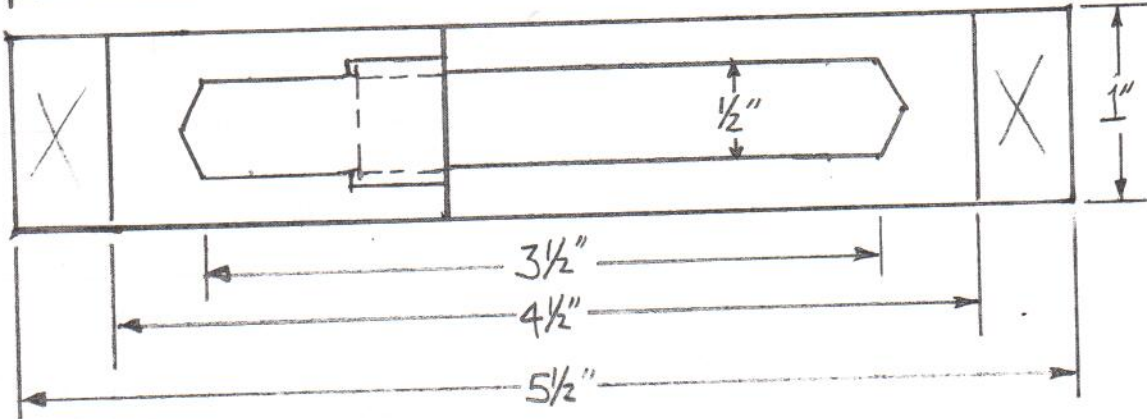
EDC BOX DEMO BY MIKE THOMAS AT KCWT ON 3-9-20

①

LAY
OUT



DONE



MATERIALS:

- HARDWOOD LUMBER - 5/4 THICK
STRAIGHT GRAIN, KILN-DRIED
CUT INTO 1" x 1" x 6" BLANKS
- SAND PAPER - 220, 320, 400
- FINISH - WALNUT OIL OR BLO
BEE'S WAX BLOCK
- RAGS - ABSORBANT PAPER TOWELS
OR OLD TEE-SHIRT

TOOLS:

- TABLE SAW OR BANDSAW
- MARKING GAUGE
- AWL
- SCROLL CHUCK & SPIGOT/PEN JAWS
- SRG, SKEW, SPINDLE GOUGE
THIN PARTING TOOL
- JACOBS CHUCK & MT 2
- FORSTNER BIT - 5/8"
- BRAD POINT/TWIST DRILL - 1/2"
- WIRE BURNERS
- FLUSH CUT SAW
- SLOYD KNIFE

BATCH PRODUCTION PROCESS - 3 STAGES:

- A. PREPARE BLANKS
- B. DRILL AND COMPLETE INSIDE
- C. TURN OUTSIDE AND APPLY FINISH

STEPS:

A. PREPARE BLANKS - GOOD USE FOR SCRAPS AT LEAST 1" x 1" x 6" SIZE. KILN-DRIED HARDWOOD WITH STRAIGHT GRAIN AND NO KNOTS WORK BEST.

1. CUT LUMBER INTO 1" x 1" x 6" SPINDLE BLANKS.
2. MEASURE AND MARK CENTERS ON ENDS.
3. MARK LOCATION OF PARTING CUT TO SEPARATE CAP + BODY.

B. DRILL AND COMPLETE INSIDE JOINT - THIS IS WHERE YOU HOLLOW THE INSIDE AND CUT JOINT FOR FITTING CAP TO BODY.

1. MOUNT BLANK IN SCROLL CHUCK WITH SPIGOT JAWS. GRIP THE END THAT WILL BE THE CAP. USE LIVE CENTER IN TAILSTOCK TO CENTER END.
2. PART OFF BODY FROM CAP USING A THIN PARTING TOOL AND SQUARE OFF END OF CAP. PUSH TAILSTOCK WITH LIVE CENTER POINT INTO CAP LEAVING A DIMPLE TO ALIGN DRILL BIT.
3. MOUNT A 5/8" FORSTNER BIT INTO JACOBS/DRILL CHUCK AND INSERT INTO TAILSTOCK.
4. DRILL A 7/16" - 1/2" DEEP MORTISE IN CAP.
5. SWITCH TO 1/2" TWIST OR BRAD POINT DRILL BIT AND DRILL 1 1/4" DEEP HOLE IN CAP.
6. REMOVE CAP FROM CHUCK AND INSERT BODY. MAKE SURE TO POSITION END SO GRAIN ALIGNS WITH CAP. SQUARE OFF END.
7. DRILL A 2 5/8" DEEP HOLE IN BODY

B. DRILL AND COMPLETE INSIDE JOINT (CONTINUED)

8. CUT A $\frac{3}{8}$ " LONG TENON ON END CAREFULLY SIZED FOR CAP TO FIT SNUG, SNEAK UP ON IT. BETTER TO BE TOO TIGHT THAN TOO LOOSE.
9. NOW, REPEAT THE PROCESS ABOVE TO BATCH OUT THE QUANTITY DESIRED.

C. TURN OUTSIDE AND APPLY FINISH - THIS IS WHERE YOU EXERCISE YOUR ARTISTIC FLARE TO SHAPE THE OUTSIDE. USE YOUR IMAGINATION TO SHAPE WHAT YOU THINK LOOKS GOOD. DON'T BE AFRAID TO TRY ANYTHING. REMEMBER, THIS STUFF GROWS ON TREES SO IF YOU DON'T LIKE IT, TRY AGAIN.

1. LAY DOWN SOME BEADS AND CONES. MAYBE TRY SOME COLORS, TEXTURE, WIRE BURNS, ETC. JUST DON'T CUT TOO DEEP.
2. SAND OFF TOOL MARKS, IF THERE ARE ANY.
3. APPLY FINISH. AGAIN, WHATEVER YOU LIKE, EVEN PAINT.

NOW, ENJOY GIVING THEM AWAY TO FAMILY AND FRIENDS. YOU MAY EVEN FIND SOMEONE WHO WILL BUY THEM FROM YOU.

QUESTIONS?

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