

MAKING DOVETAIL DRAWERS

1. Determine drawer height
 - a) Height needs to be a multiple of spacing on dovetail jig to be used
ex. $7/8$ spacing, drawers could be $1\ 3/4$, $2\ 5/8$, $3\ 1/2$, $4\ 3/8$, $5\ 1/4$...
 - b) If jig with adjustable spacing is used drawer height is optional.
2. Fit drawer front to drawer opening
 - a) $5/8$ thick if false front is used
 - b) Thickness depends on profile on drawer edges if drawer is flush fit ($7/8$ " thick if 5° panel cutter is used for edge profile)
3. Cut sides
 - a) $1/2$ " thick
 - b) cut slightly wider than front
 - c) Mark front \rightarrow , top \uparrow , face \swarrow with chalk
 - d) Bookmatch fronts to cut to rough length
4. Cut dovetails
5. Fit sides to fronts
 - a) Joint bottom edges to fit sides
 - b) cut sides to finish length
6. Relieve and round over top edges of drawer sides
7. Cut $1/4$ " deep dados for drawer bottom in sides and front, $3/8$ " from bottom edge
8. Cut dado in sides for back $1/2$ " wide, $1/4$ " deep, $3/8$ " from back
9. Sand inside of drawer sides and front
10. Cut profile on front (If flush fit drawer)
11. Glue sides to front
 - a) Put drawer in case until glue dries
12. Cut back so that back of drawer is $1/32$ " narrower than front
13. Fasten back (Glue and nail)
14. Cut, sand and install bottom
15. Sand outsides of sides to insure drawer fits case properly

If drawer is flush fit, it is now ready for finish.

If drawer has a false front drill $1/4$ " holes in front $1\ 1/4$ " from ends, top, bottom.

Then center false front on drawer and attach with washerhead screws.