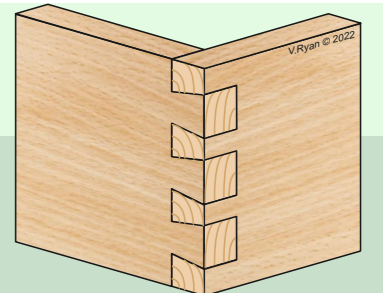
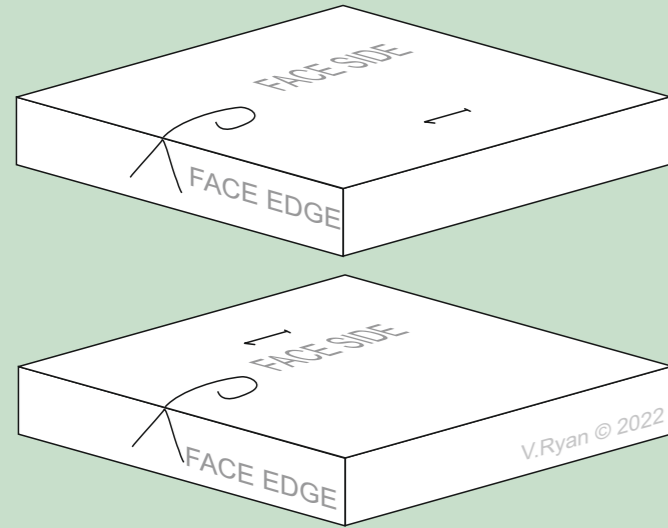


MARKING OUT AND CUTTING - THROUGH DOVETAIL JOINTS



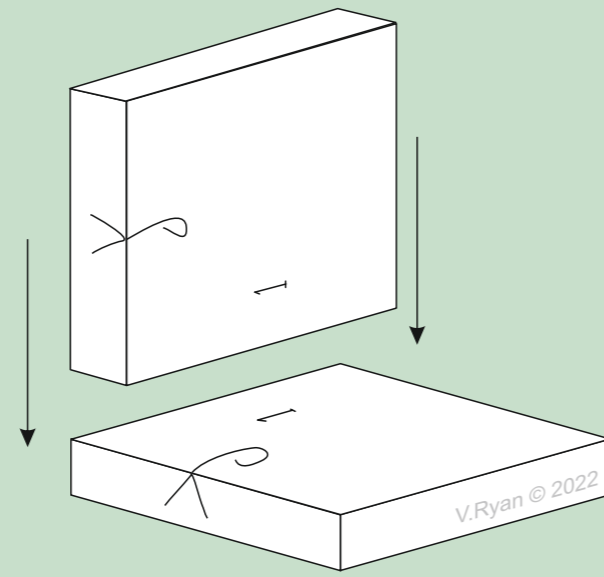
Dia. A

MARK THE 'FACE SIDE' AND 'FACE EDGE' ON BOTH PIECES OF WOOD. THESE ARE THE EDGES YOU WILL WORK FROM, WHEN MARKING OUT THE JOINT. MARK '1' ON EACH PIECE, AS SHOWN BELOW.

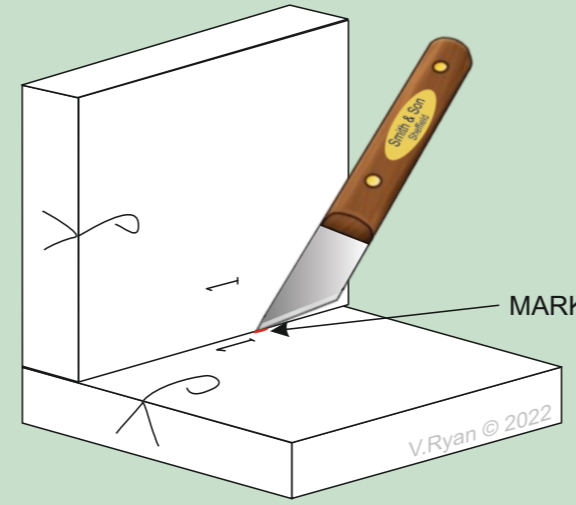


Dia. B

ALIGN THE TWO PIECES. ENSURE THAT THE 'NUMBERS' ARE NEXT TO EACH OTHER AND THE 'FACE EDGES' LINE UP.



USE A MARKING KNIFE TO 'MARK' THE THICKNESS OF THE TOP, ON THE BOTTOM PIECE.



Dia. C

PLACE THE STOCK OF THE TRY SQUARE AGAINST THE 'FACE EDGE'. USE A TRY SQUARE AND MARKING KNIFE TO DRAW A LINE AROUND THE WOOD (ALL FOUR SIDES), STARTING AT THE 'MARK'.

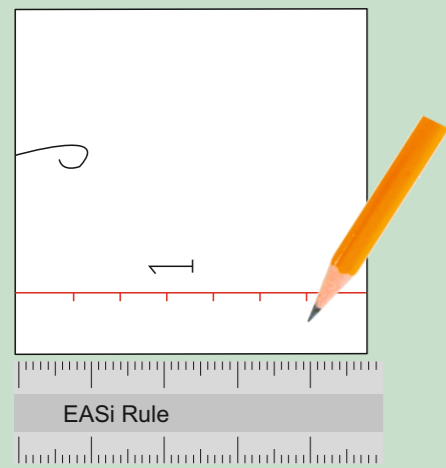


DO EXACTLY THE SAME ON THE SECOND PIECE.

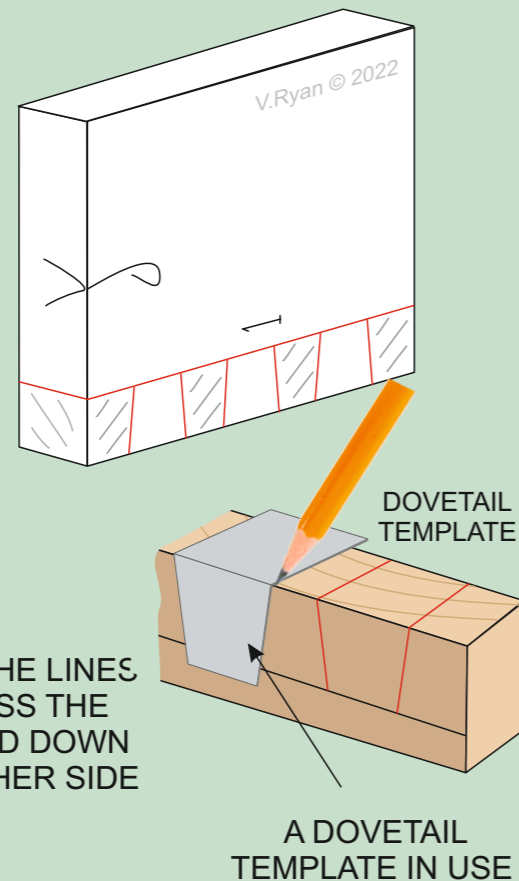
MARKING OUT THE TAILS

Dia. D

DIVIDE THE END OF ONE PIECE INTO SIX EQUAL DIVISIONS.



USE A DOVETAIL TEMPLATE AND PENCIL, TO MARK ON THE 'TAILS'. SHADE THE AREAS TO BE REMOVED.

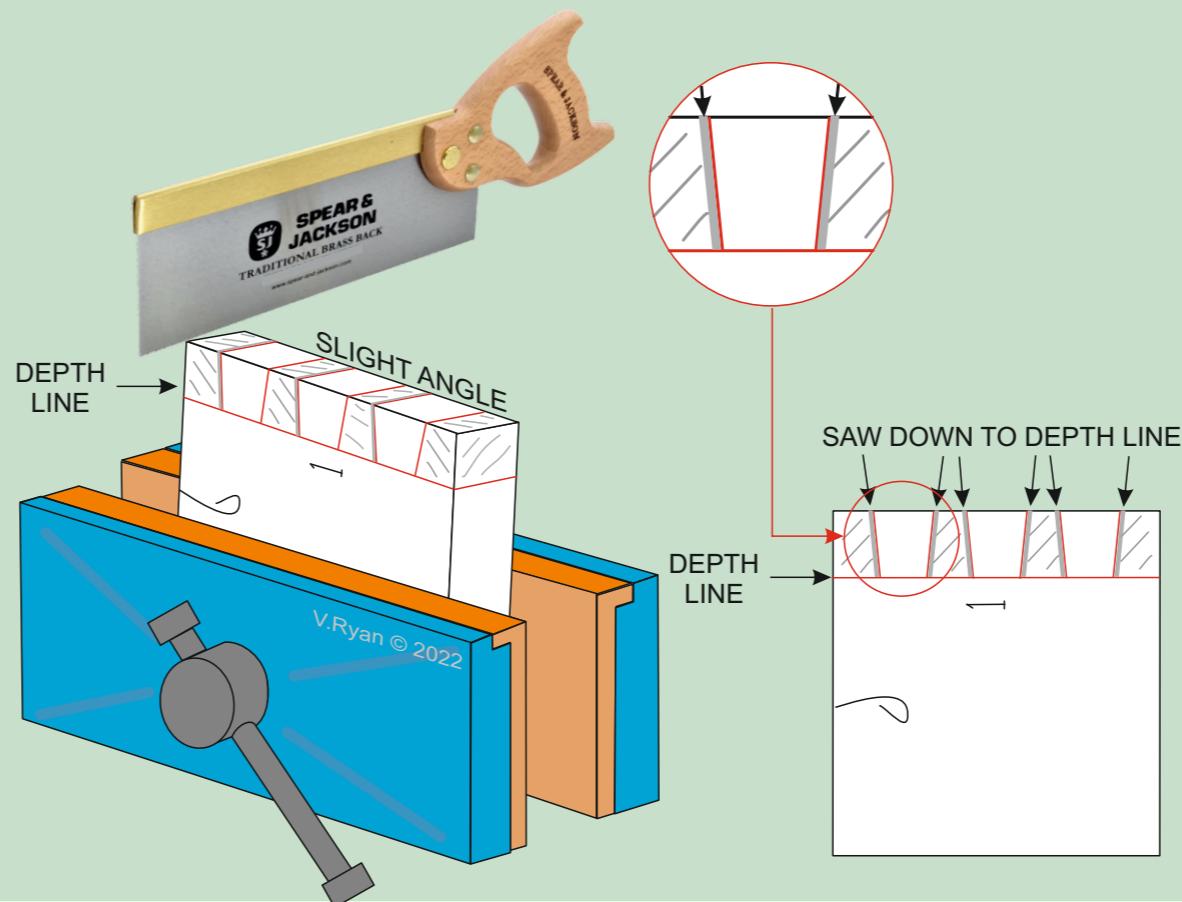


MARK THE LINES ACROSS THE TOP AND DOWN THE OTHER SIDE

A DOVETAIL TEMPLATE IN USE

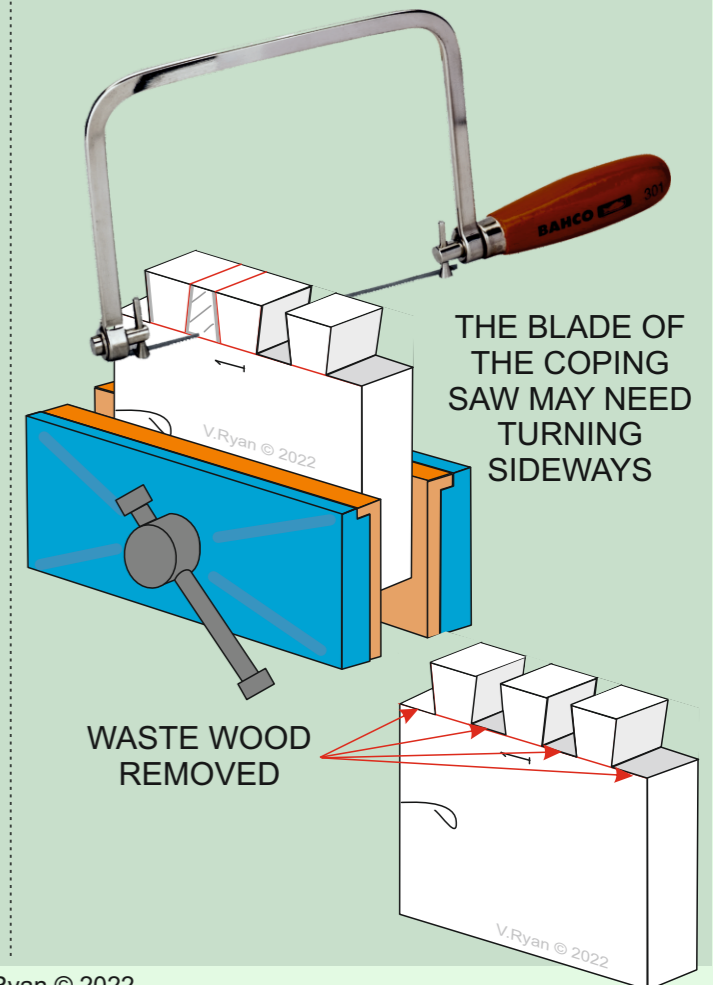
Dia. E

PLACE THE WOOD IN THE VICE AT A SLIGHT ANGLE, SO THAT SAWING IS VERTICAL (STRAIGHT DOWN). TAKE CARE TO SAW ON THE 'WASTE WOOD' SIDE OF THE LINES. USE A DOVETAIL SAW.



Dia. F

USE A COPING SAW TO REMOVE THE WASTE WOOD, CUTTING JUST ABOVE THE DEPTH LINE BETWEEN EACH 'TAIL'.



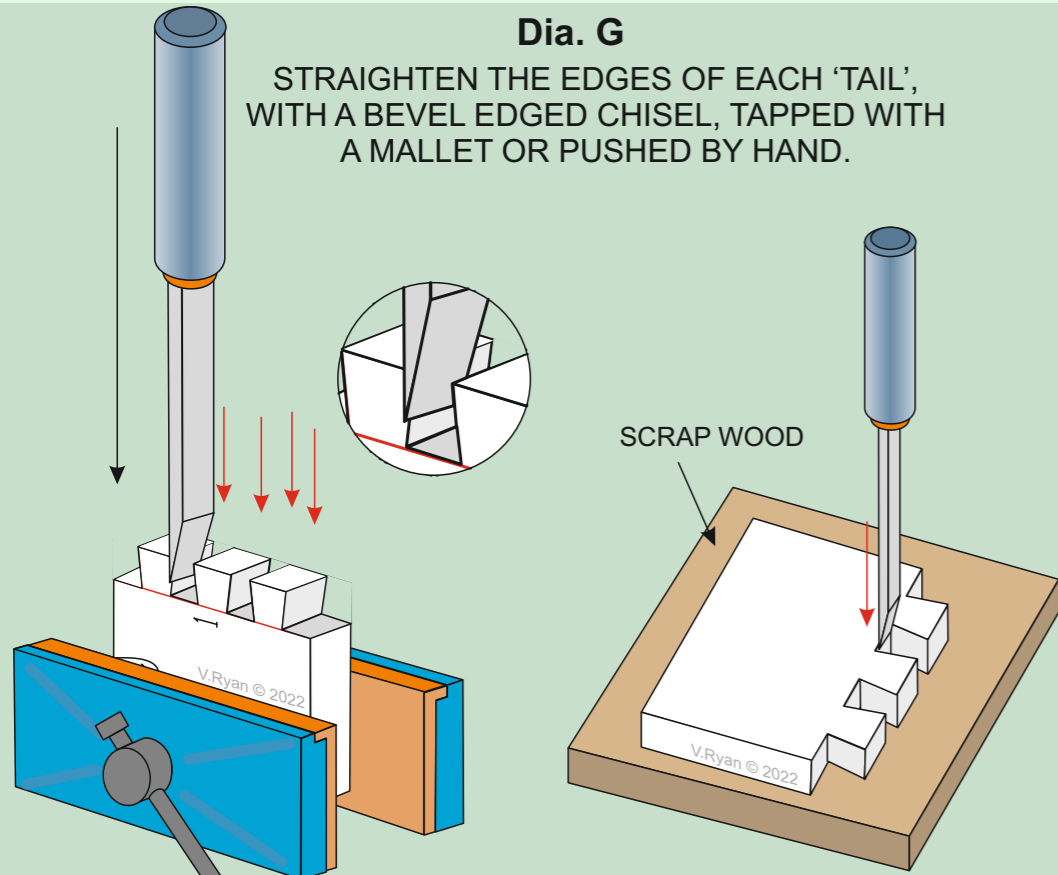
THE BLADE OF THE COPING SAW MAY NEED TURNING SIDEWAYS

WASTE WOOD REMOVED

MARKING OUT AND CUTTING- THROUGH DOVETAIL JOINTS

Dia. G

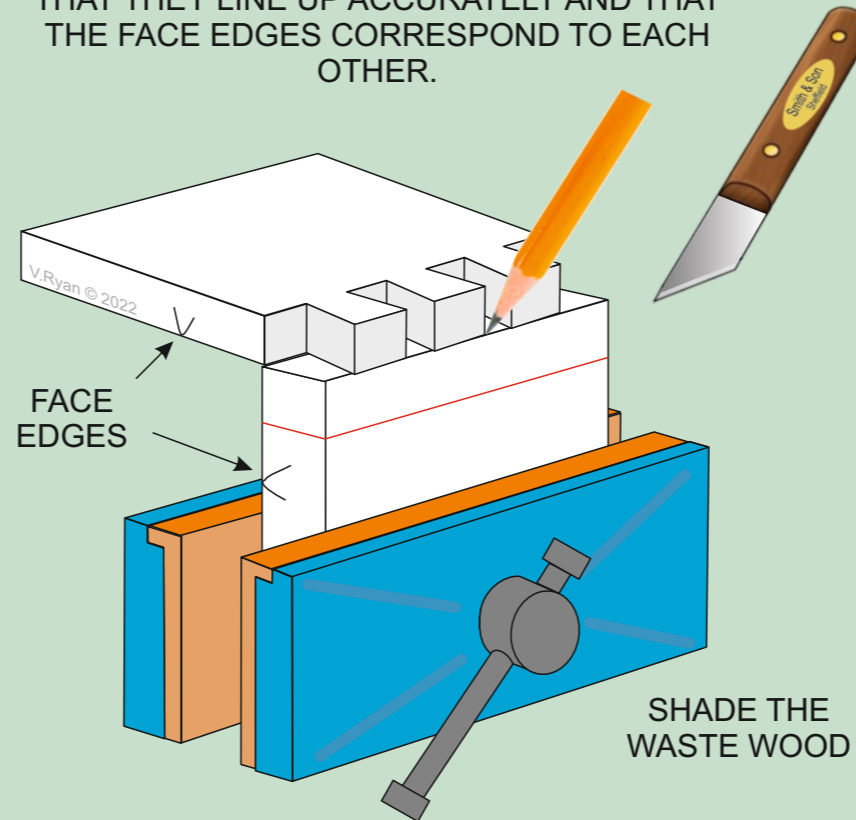
STRAIGHTEN THE EDGES OF EACH 'TAIL', WITH A BEVEL EDGED CHISEL, TAPPED WITH A Mallet OR PUSHED BY HAND.



THE TAILS ARE COMPLETE

MARKING OUT THE PINS Dia. H

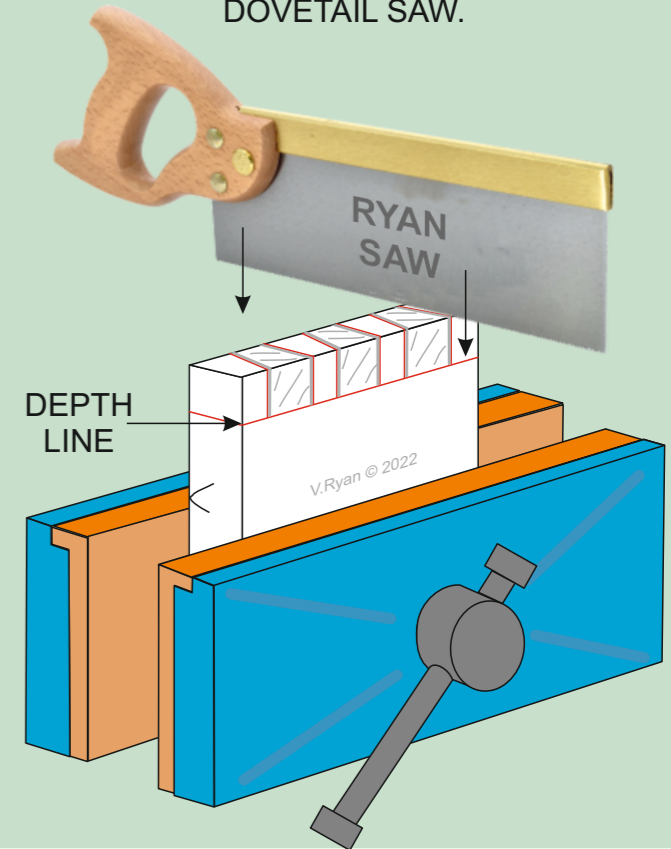
PLACE THE SET OF TAILS ON TOP OF THE SECOND PIECE AS SHOWN BELOW. ENSURE THAT THEY LINE UP ACCURATELY AND THAT THE FACE EDGES CORRESPOND TO EACH OTHER.



MARK THE OUTLINE OF THE TAILS ON TO THE END OF THE SECOND PIECE. THIS FORMS THE 'PINS'.

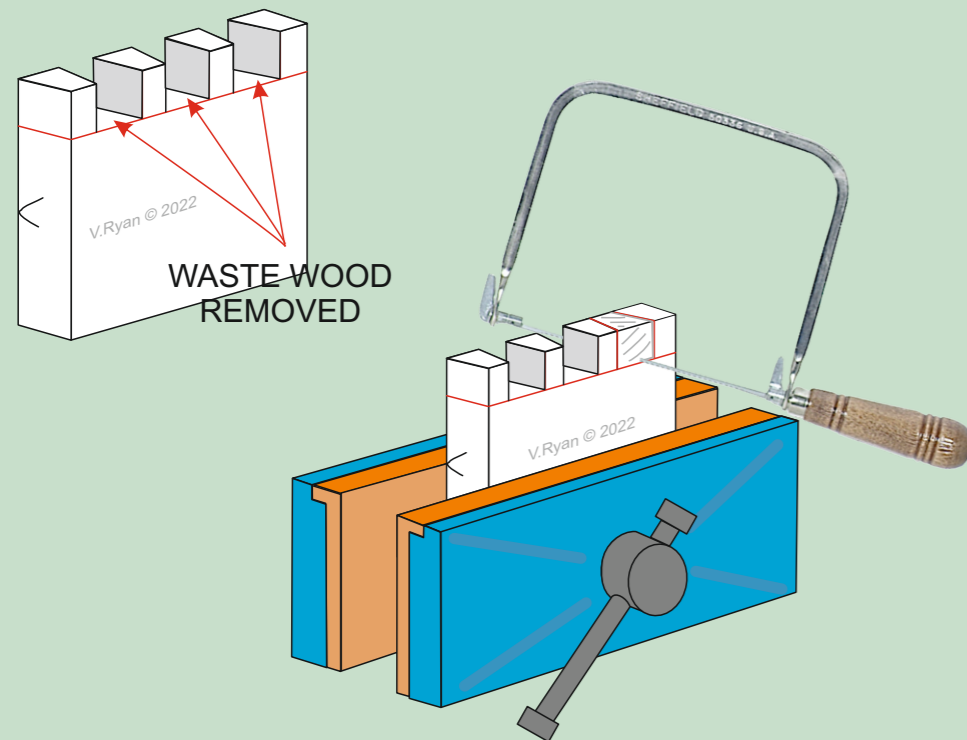
Dia. I

SAW DOWN TO THE DEPTH LINE, ON THE WASTE SIDE OF EACH LINE. USE A DOVETAIL SAW.



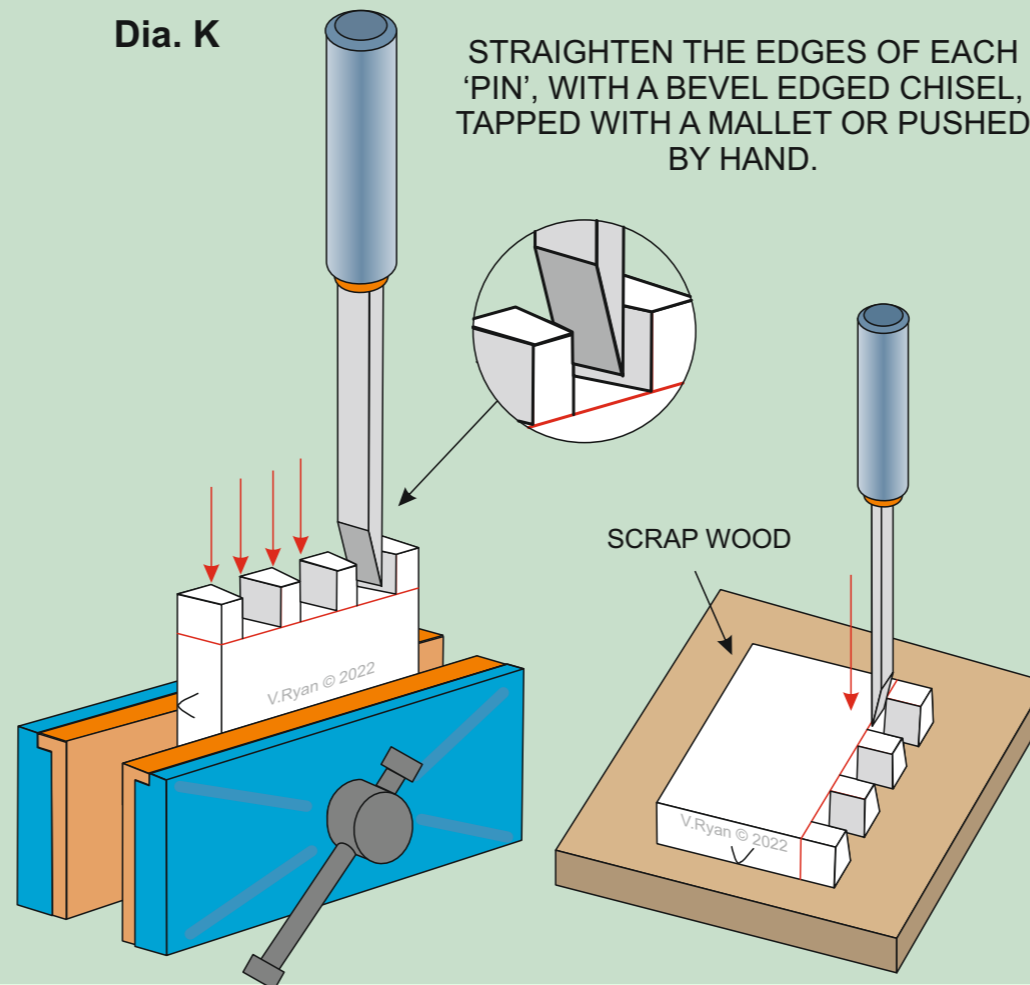
Dia. J

USE A COPING SAW TO REMOVE THE WASTE WOOD, CUTTING JUST ABOVE THE DEPTH LINE BETWEEN EACH 'PIN'.



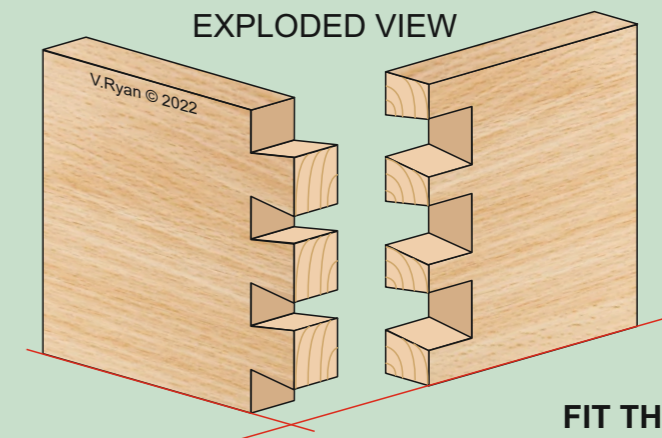
Dia. K

STRAIGHTEN THE EDGES OF EACH 'PIN', WITH A BEVEL EDGED CHISEL, TAPPED WITH A Mallet OR PUSHED BY HAND.

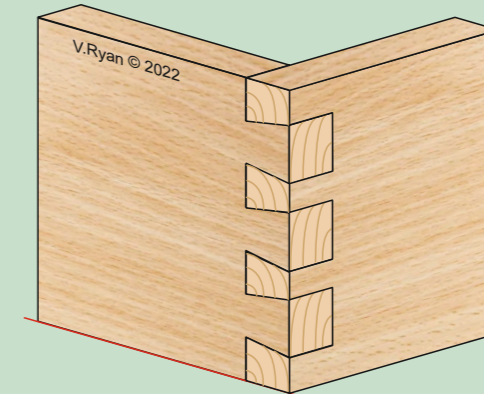


Dia. L

EXPLODED VIEW



ASSEMBLED VIEW



FIT THE TWO PARTS OF THE JOINT TOGETHER AND TEST FOR A GOOD 'WOODWORKING JOINT'.