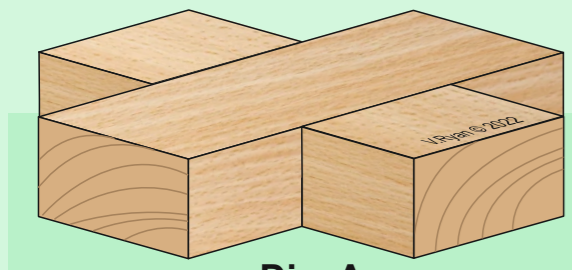


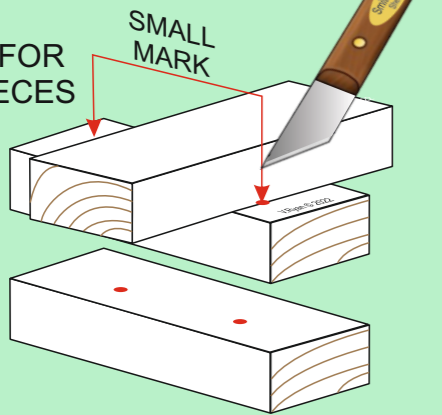
# MARKING OUT AND CUTTING - CROSS HALVING JOINT



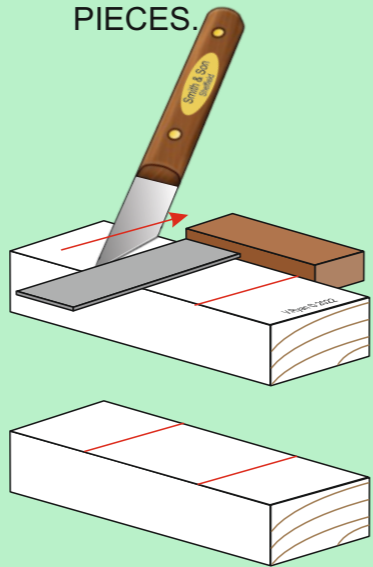
**Dia. A**

POSITION THE TWO PIECES CENTRALLY. CREATE TWO SMALL MARKS WITH A MARKING KNIFE, WHICH GIVES THE THICKNESS OF THE TOP PIECE OF WOOD

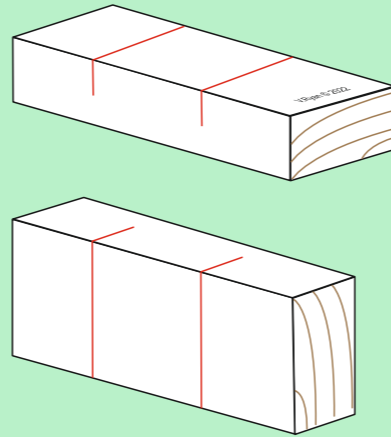
REPEAT FOR BOTH PIECES



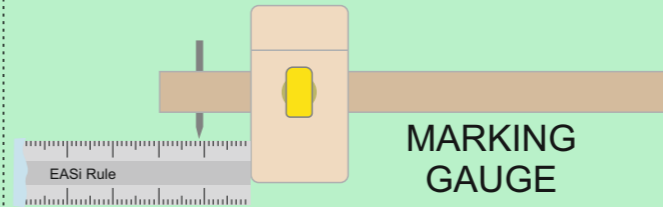
**Dia. B**  
PLACE A TRY SQUARE AGAINST THE EDGE OF THE WOOD AND 'DRAW' TWO LINE ACROSS, USING THE MARKING KNIFE. REPEAT PROCESS FOR BOTH PIECES.



**Dia. C**  
ROTATE THE WOOD AND CONTINUE THE LINES, HALF WAY DOWN EACH SIDE. REPEAT PROCESS FOR BOTH PIECES.



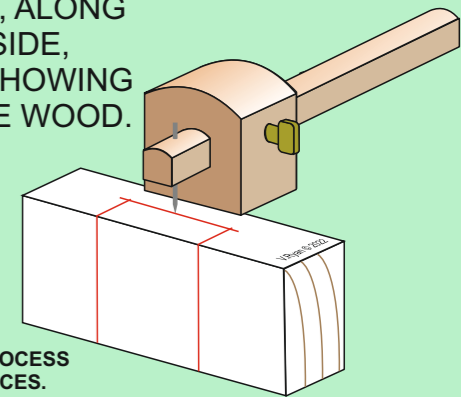
**Dia. D**  
SET A MARKING GAUGE TO HALF THE WIDTH OF THE WOOD



USE THE MARKING GAUGE TO MARK THE LINES, ALONG EACH SIDE, CLEARLY SHOWING THE WASTE WOOD.

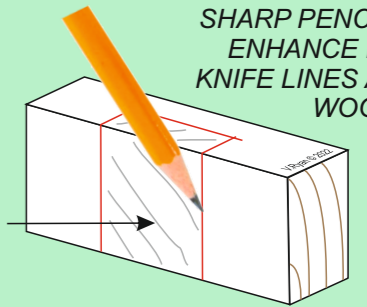
**Dia. E**

REPEAT THIS PROCESS FOR BOTH PIECES.



SHARP PENCIL USED TO ENHANCE MARKING KNIFE LINES AND WASTE WOOD.

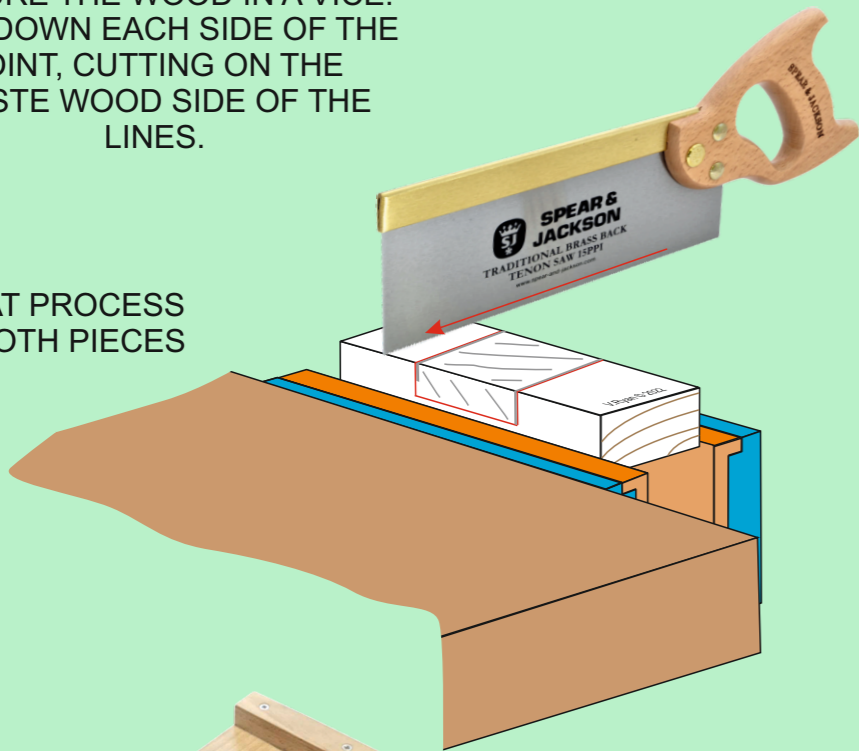
WASTE WOOD



**Dia. F**

SECURE THE WOOD IN A VICE. SAW DOWN EACH SIDE OF THE JOINT, CUTTING ON THE WASTE WOOD SIDE OF THE LINES.

REPEAT PROCESS FOR BOTH PIECES

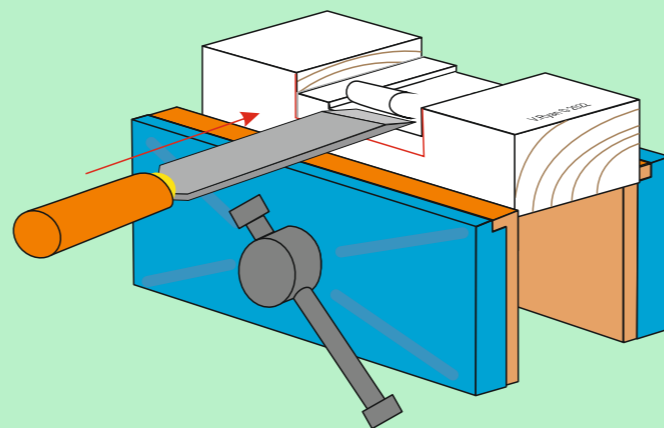


A BENCH HOOK CAN BE USED FOR THIS PROCEDURE, BUT IT IS MORE DIFFICULT TO CONTROL THE WOOD AND SAW.

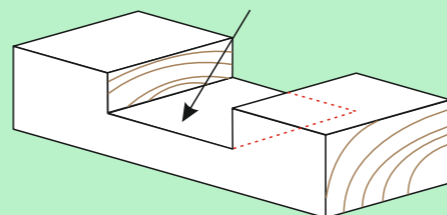
**Dia. G**

SECURE THE WOOD IN THE VICE. USE A BEVEL EDGED CHISEL, TO SLOWLY REMOVE THE WASTE MATERIAL.

REPEAT PROCESS FOR BOTH PIECES



CHISELLED DOWN TO THE LINE



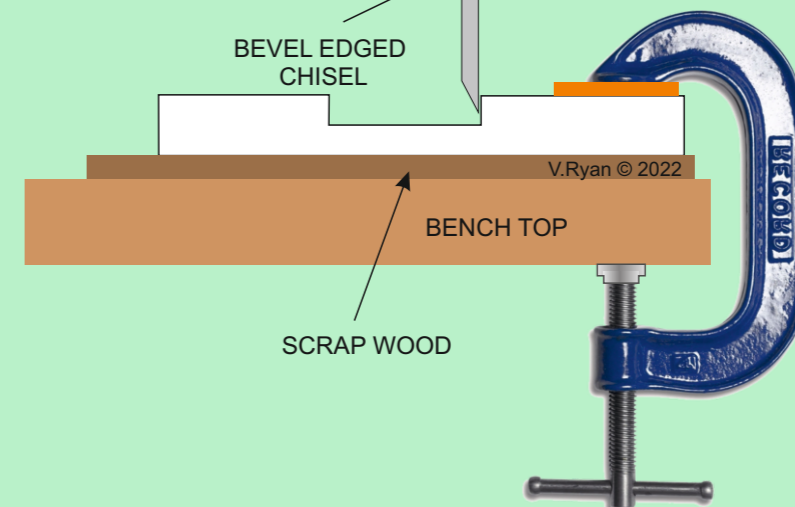
**Dia. H**

CAREFULLY 'TAP' THE CHISEL WITH A Mallet, REMOVING THE FINAL WASTE WOOD.

ROUGH SAW CUT SURFACES

REPEAT PROCESS FOR BOTH PIECES

BEVEL EDGED CHISEL



FIT THE TWO PIECES OF THE JOINT TOGETHER

