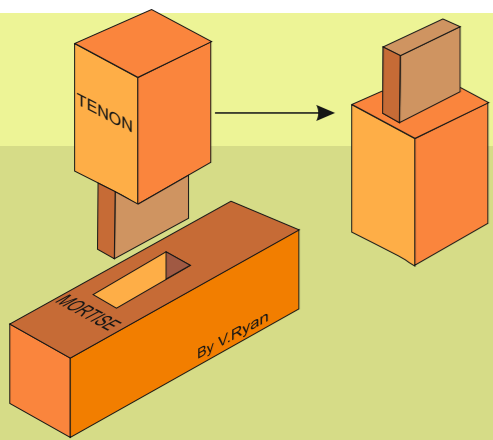
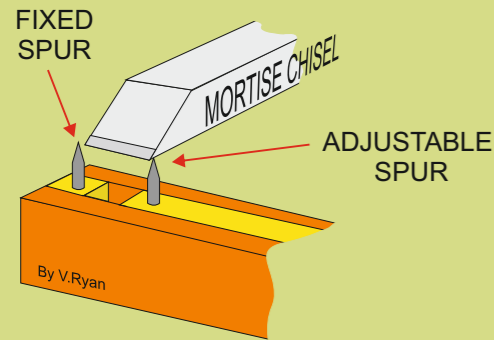


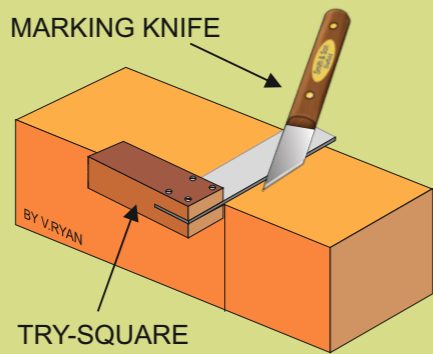
MARKING OUT AND CUTTING -PLAIN MORTISE AND TENON JOINT



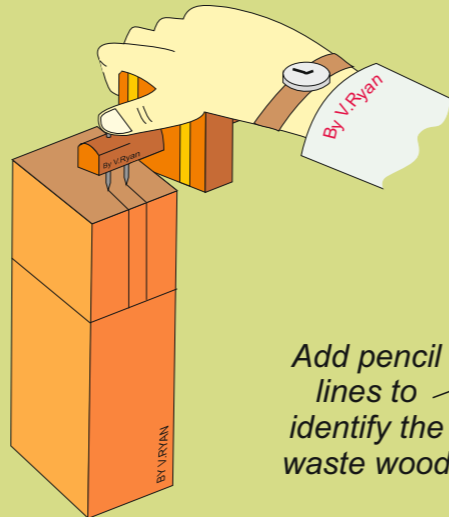
Dia. A
SET THE MORTISE GAUGE TO THE WIDTH OF THE MORISE CHISEL



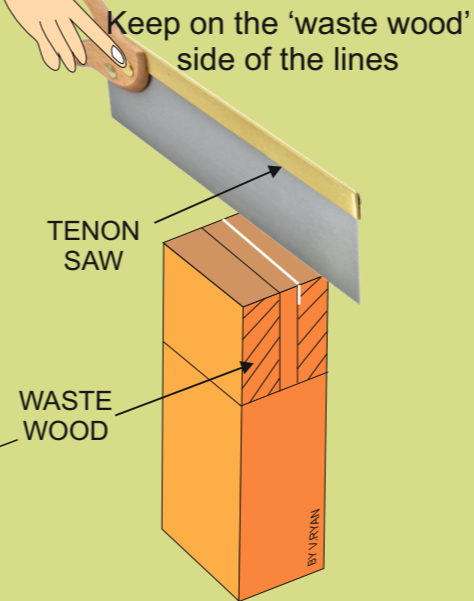
Dia. B
THE DEPTH OF THE TENON IS MARKED ALL THE WAY ROUND THE WOOD, WITH A MARKING KNIFE.



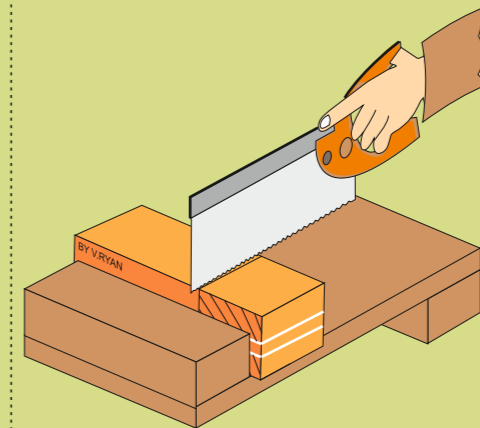
Dia. C
THE MORTISE GAUGE IS USED TO MARK THE WIDTH OF THE TENON.



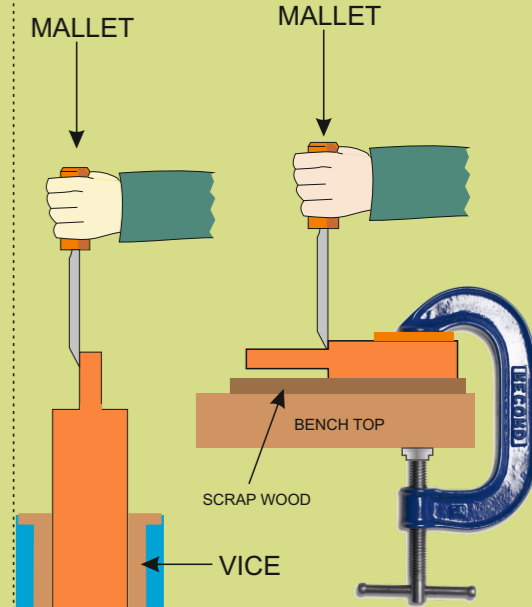
Dia. D
A TENON SAW IS USED TO SAW DOWN THE GAUGED LINES OF THE TENON.
Keep on the 'waste wood' side of the lines



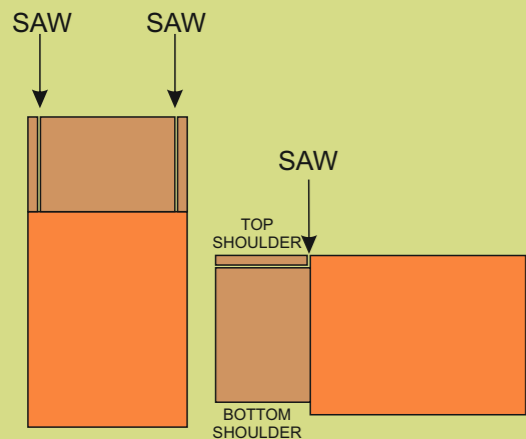
Dia. E
THE WOOD IS THEN SUPPORTED BY A BENCH HOOK AND A TENON SAW IS USED TO REMOVE THE WASTE WOOD.
Alternatively, the wood can be secured in a vice



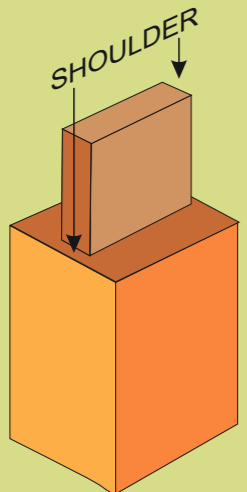
Dia. F
A FIRMER OR BEVEL EDGED CHISEL IS USED TO STRAIGHTEN THE TENON.



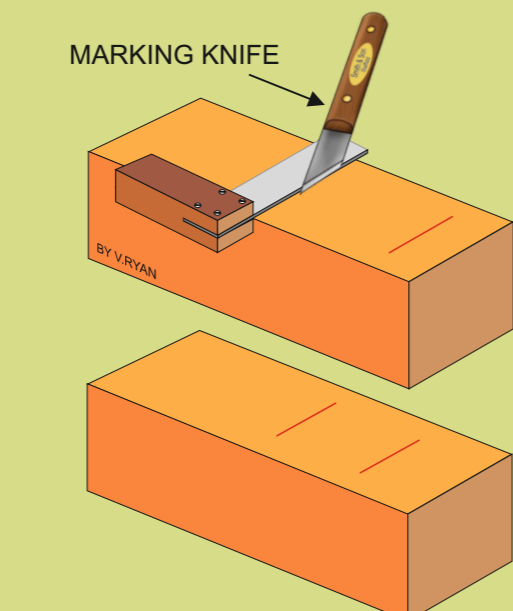
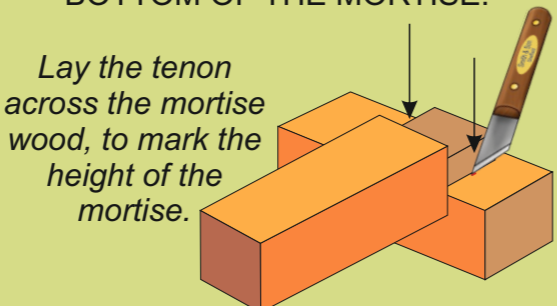
Dia. G
USE A TENON SAW TO CUT DOWN THE TENON, PRODUCING A TOP AND BOTTOM SHOULDER.



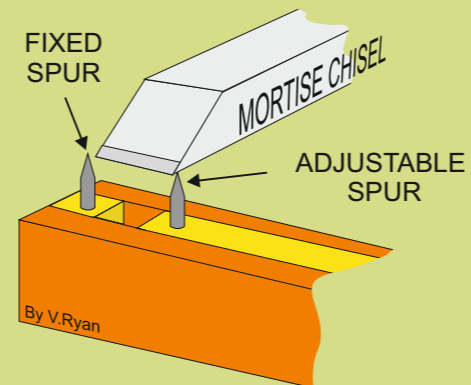
A chisel is then used to straighten the edges of the shoulder. See Dia. F



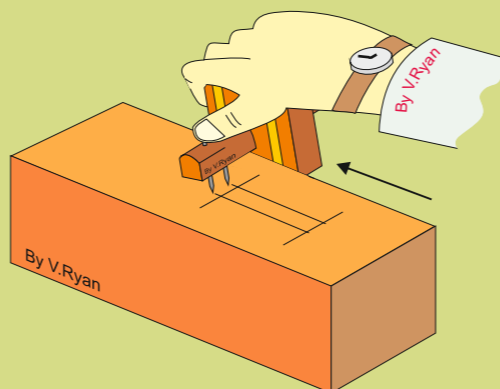
Dia. H
A TRY SQUARE AND A KNIFE ARE USED TO MARK THE LINES, AT THE TOP AND BOTTOM OF THE MORTISE.
Lay the tenon across the mortise wood, to mark the height of the mortise.



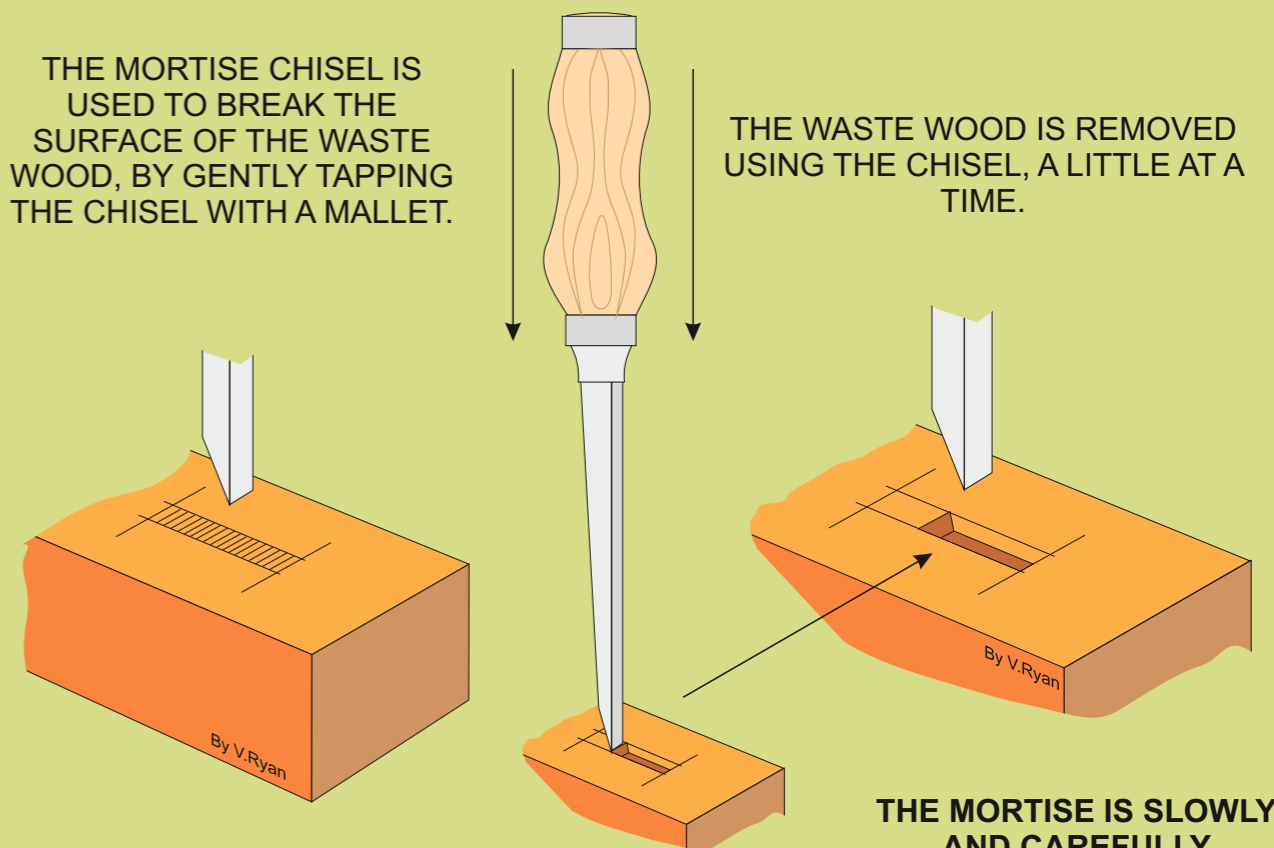
Dia. I
SET THE MORTISE GAUGE TO THE WIDTH OF THE TENON OR THE MORTISE CHISEL BEING USED.



MARK THE WIDTH OF THE MORTISE, WITH THE MORTISE GAUGE,



Dia. J
THE MORTISE CHISEL IS USED TO REMOVE THE WASTE MATERIAL. A Mallet PROVIDES THE BLOWS TO THE CHISEL.
THE MORTISE CHISEL IS USED TO BREAK THE SURFACE OF THE WASTE WOOD, BY GENTLY TAPPING THE CHISEL WITH A Mallet.
THE WASTE WOOD IS REMOVED USING THE CHISEL, A LITTLE AT A TIME.



THE MORTISE IS SLOWLY AND CAREFULLY CHISELLED DEEPER UNTIL THE TENON FITS.