

TENON JOINTS

V.Ryan © 2000 - 2008

On behalf of The World Association of Technology Teachers

W.A.T.T.

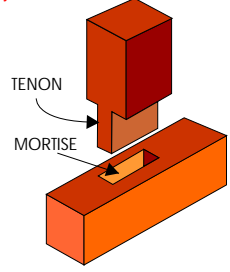


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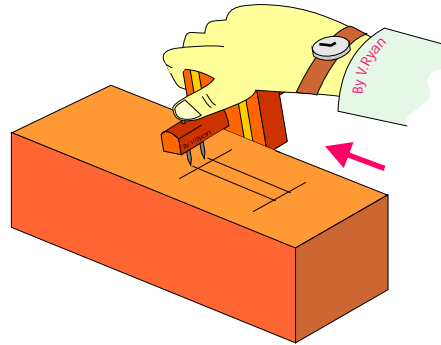
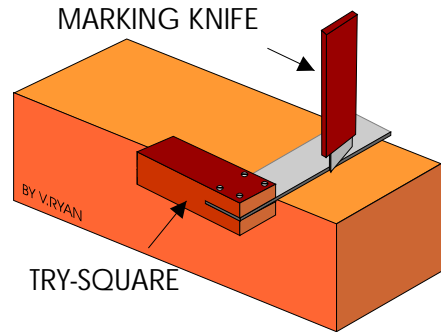
The 'Tenon Joint Exercise' can be printed and used by teachers and students. It is recommended that you view the website (www.technologystudent.com) before attempting the design sheet.

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MARKING OUT AND CUTTING THE MORTISE



A range of tools and pieces of equipment are used to markout and cut a mortise and tenon joint. The main stages are shown below. Complete the stages by adding an appropriate drawing or writing a description of the stage shown.



A TRY SQUARE AND A MARKING KNIFE ARE USED TO MARK THE LINES AT THE TOP AND BOTTOM OF THE MORTISE.

A MORTISE CHISEL IS USED TO REMOVE THE WASTE WOOD. A MALLETT SUPPLIES THE FORCE REQUIRED. THIS FORMS THE MORTISE.

THE JOINT IS ASSEMBLED FORMING THE COMPLETE MORTISE AND TENON JOINT