

SASH CRAMPS

V.Ryan © 2000 - 2009

On behalf of The World Association of Technology Teachers

W.A.T.T.



World Association of Technology Teachers

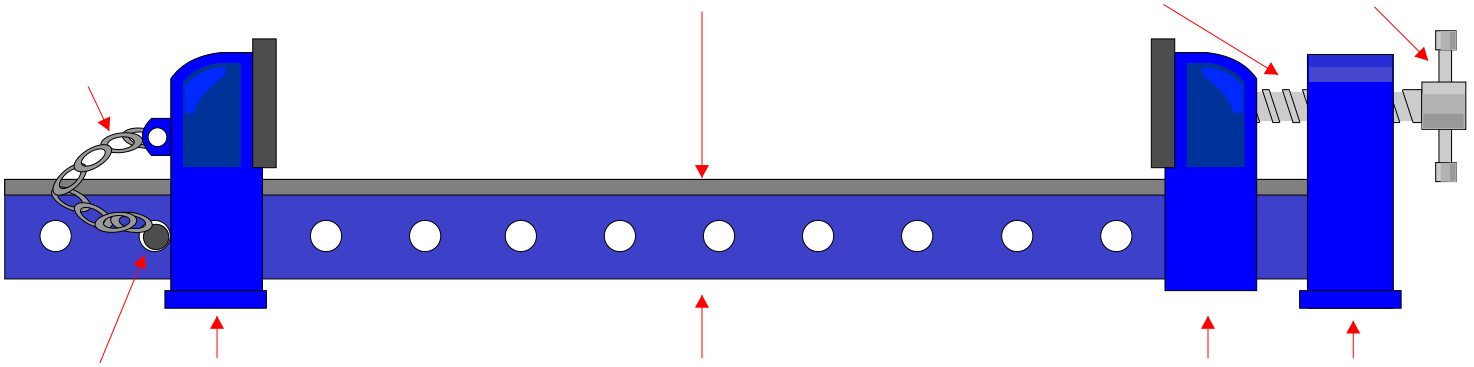
This exercise can be printed and used by teachers and students. It is recommended that you view the website (www.technologystudent.com) before attempting the design sheet .

THESE MATERIALS CAN BE PRINTED AND USED BY TEACHERS AND STUDENTS.
THEY MUST NOT BE EDITED IN ANY WAY OR PLACED ON ANY OTHER MEDIA INCLUDING WEB SITES AND INTRANETS.
NOT FOR COMMERCIAL USE.
THIS WORK IS PROTECTED BY COPYRIGHT LAW.
IT IS ILLEGAL TO DISPLAY THIS WORK ON ANY WEBSITE/MEDIA STORAGE OTHER THAN www.technologystudent.com

SASH CLAMPS

V.Ryan © 2009 World Association of Technology Teachers

1. Label the parts of the sash clamp shown below.



2. The box (below) is to be held together with sash clamps. On the diagram, draw a sash clamp in the correct position, across the box. Add explanatory notes.



NOTES:

3. Scrap wood is normally placed either side of the item to be clamped. Why is this the case?

4. Sash clamps are available in a range of lengths. What is the range?

5. The parts of a sash clamp are manufactured from suitable materials. What are the materials?

6. Why is the sash clamp tightened with a tommy bar?

7. The box shown below is held together with sash clamps, whilst the glue dries. It is vital that each corner of the box is an accurate 90 degree angle. Two basic tools are used to check that the angles are correct.

Name each tool.

Describe the use of each tool

Draw each tool on the diagram below, showing each one in use.

TOOL 1: _____

DESCRIPTION OF USE: _____

TOOL 2: _____

DESCRIPTION OF USE: _____

