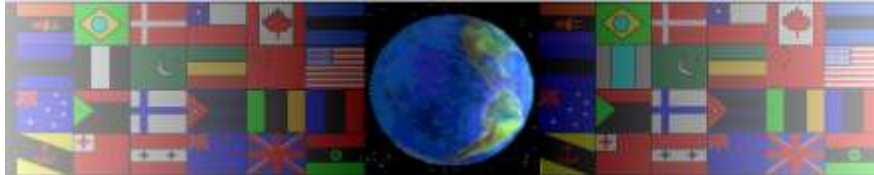


THE HAND FILE

V.Ryan © 2000 - 2009

On behalf of The World Association of Technology Teachers

W.A.T.T.



World Association of Technology Teachers

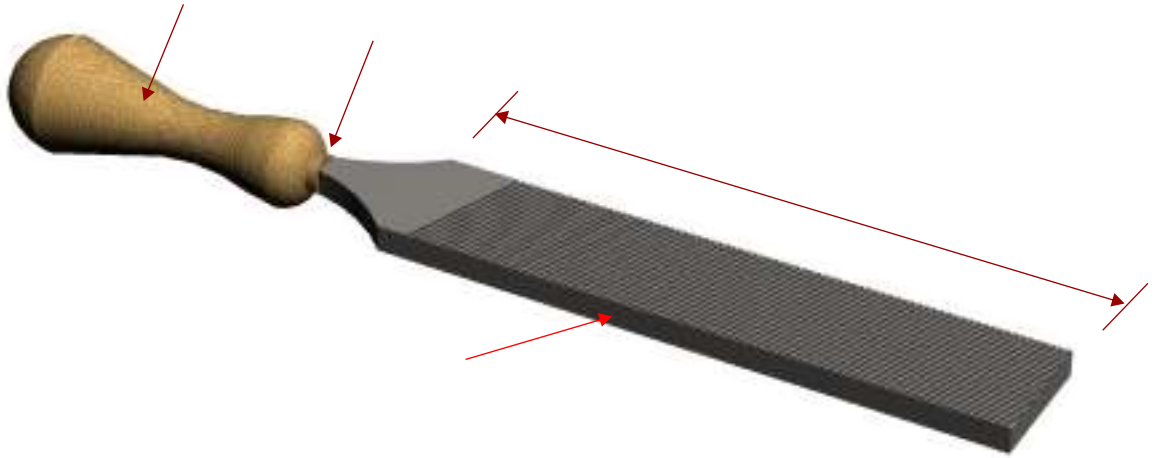
This exercise can be printed and used by teachers and students. It is recommended that you view the website (www.technologystudent.com) before attempting the design sheet .

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THE HAND FILE

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1. A typical hand file is shown below. Add the labels, as indicated by the arrows.



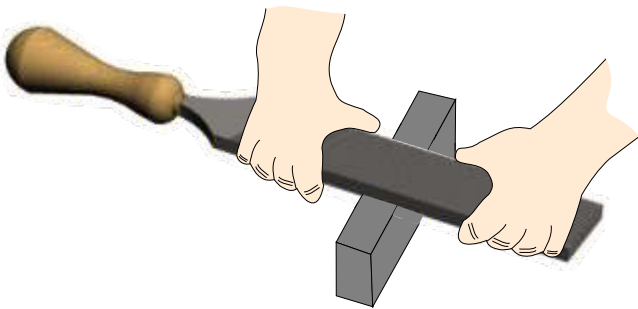
2. Why is high carbon steel used for the manufacture of the main part of the file?

3. With the aid of a diagram, explain the technique called 'through filing'.

DRAWING

NOTES

4. The drawing below shows another filing technique. Name and describe the technique.



TECHNIQUE NAME: _____

DESCRIPTION: _____

5. With the aid of a sketch / diagram, explain the importance of a 'safe edge'.

DRAWING

NOTES
