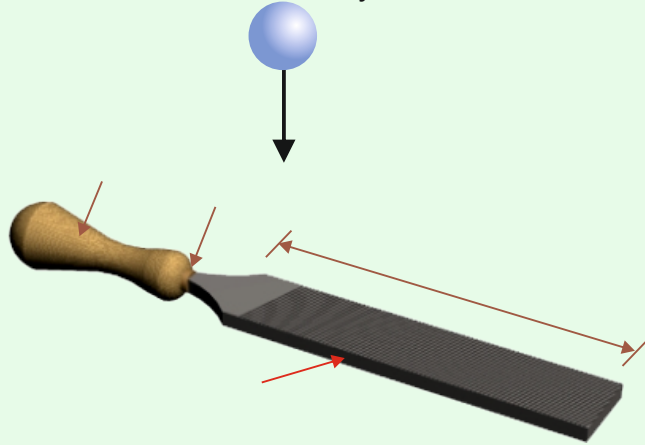


CLICK ON THE SMALL CIRCLES FOR LINKS TO USEFUL INFORMATION.

HAND FILES AND HOW THEY ARE USED

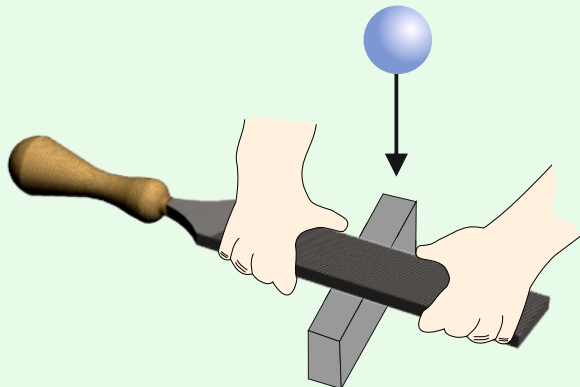
WORLD ASSOCIATION OF TECHNOLOGY TEACHERS <https://www.facebook.com/groups/254963448192823/> www.technologystudent.com © 2021 V.Ryan © 2021

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

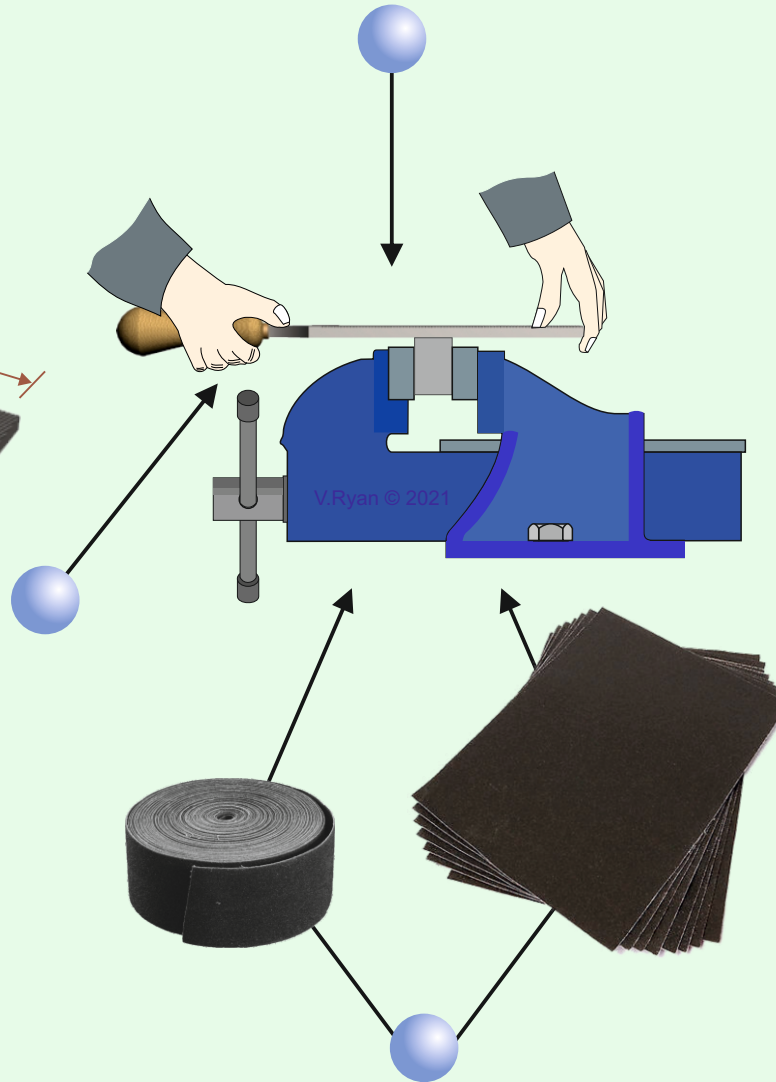


3. With the aid of a diagram, explain the technique called 'through filing'.

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

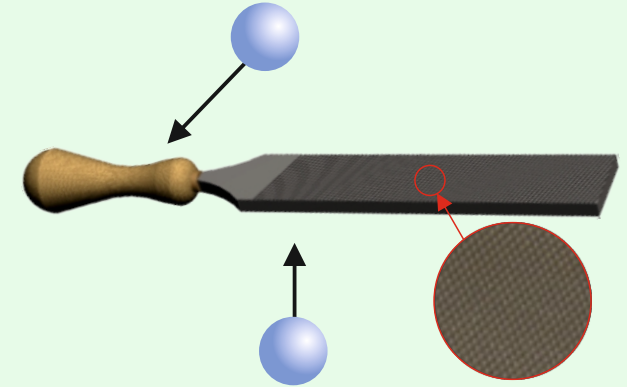


1. What is the general purpose / function, of a hand file? What metal and heat treatment process, are used in the manufacture of the blade?

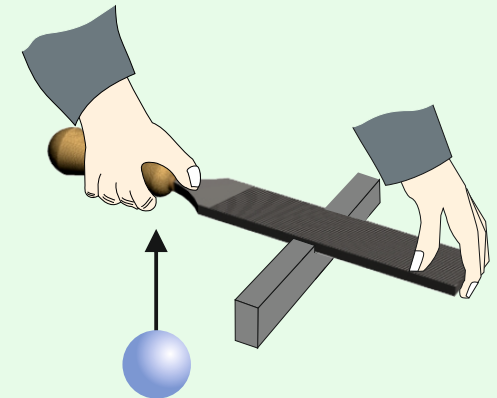


5. Why is the final stage of filing, often the use of abrasives - emery cloth or wet and dry paper? Name the materials suitable of each abrasive .

8. How is the handle fitted to the blade of the hand file?



7. List five grades of 'cut' (coarseness), for hand files.



6. With reference to the diagram above OR your own sketch - what is the 'safe edge' and what is its purpose?

EXTENSION WORK

There are many different shapes / sections of files. Name and sketch five of the typical shapes and sections.