

1. Name the material used to manufacture a typical needle file (shown below). Name the common 'sections' found in a set of needle files.

2. Paste an image of a typical needle file set.

3. How can needle files be cleaned?

4. Sketch and describe how a needle file can be used to increase the size (diameter) of a hole.

5. How is a three square needle file used to 'finish' an internal corner? Include a sketch.

6. How is a flat section needle file used to remove a 'burr'? Include a sketch.

7. Paste an image of the pattern of teeth found on the surface of a typical needle file.

8. What is a diamond coated needle file? Include a general description.

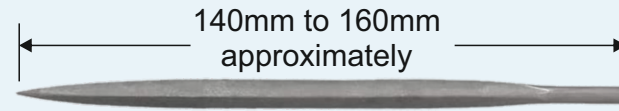
9. When using a diamond coated needle file, how does the cutting action differ from a typical / traditional needle file?

10. Paste an image of the surface texture of a diamond coated needle file.

11. Paste an image of a set of diamond coated needle files. Your image should include the shape of the 'sections' of each file.

## EXTENSION TASK

Search the internet for an explanation of 'single cut file', 'double cut file', 'curve cut file' and 'rasp cut file'. Explain each term and include an image.



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