



Welcome to my session

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Subject: Machine Operation Basics-1
Class: IX
Dept.: Machine Operation Basics

At the last session we are discussed.....



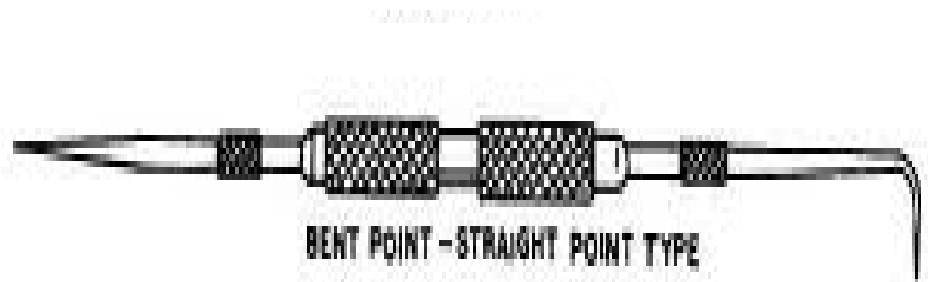
Hand Gloves



Safety Goggles

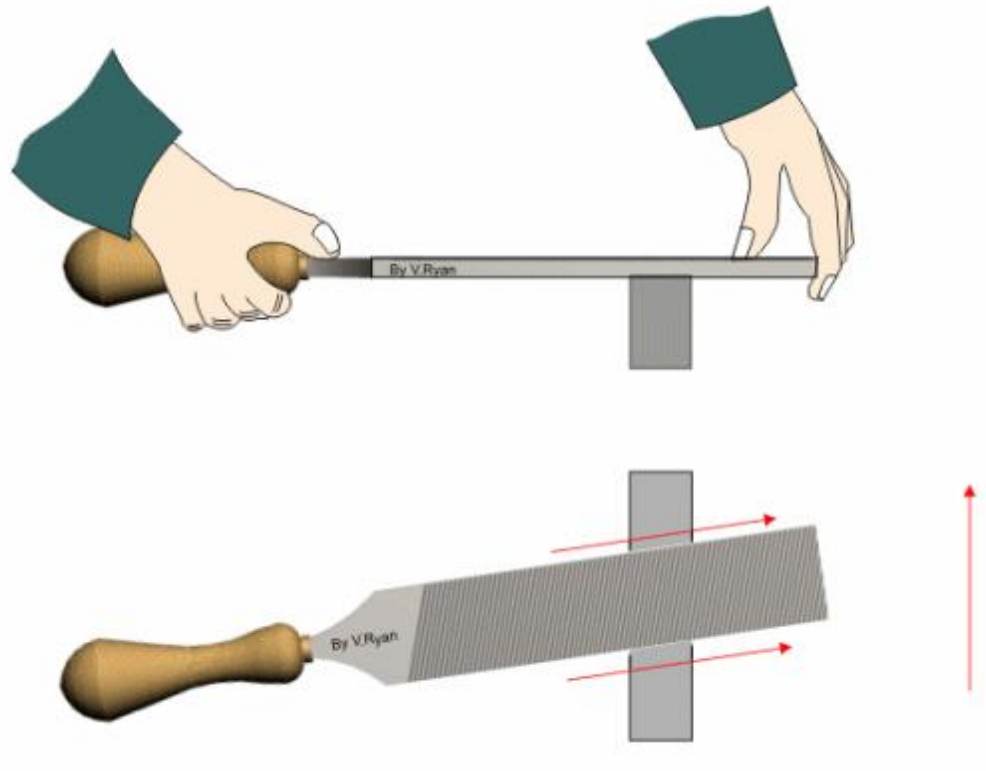


Center Punch



Scriber

We will discuss today -



Filling

Learning Outcomes

At the end of the session learners can able to

- know about file and filing.
- Say different types of file.
- Do different types of filing.

File:

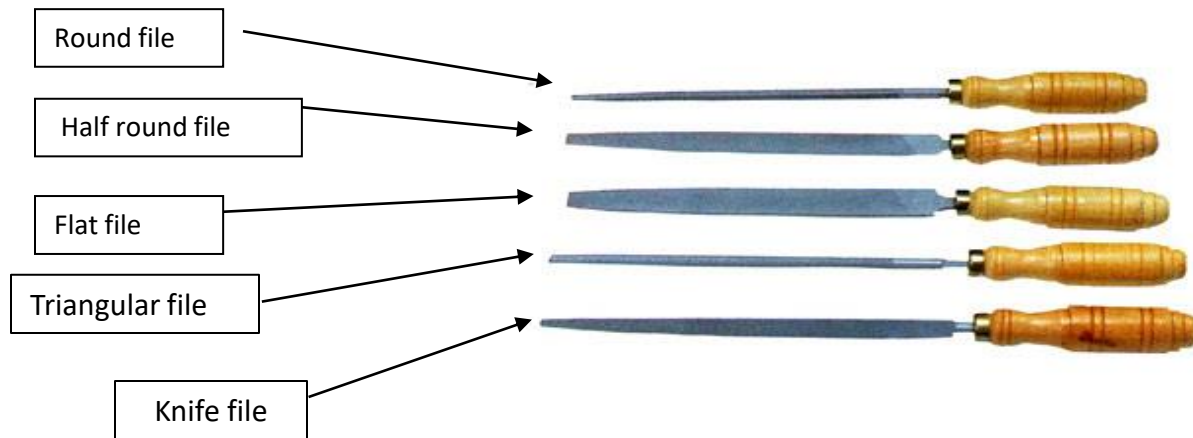
A file is a cutting tool. It is hardened-steel tool having parallel rows of cutting edges, or teeth, on its surfaces.



File

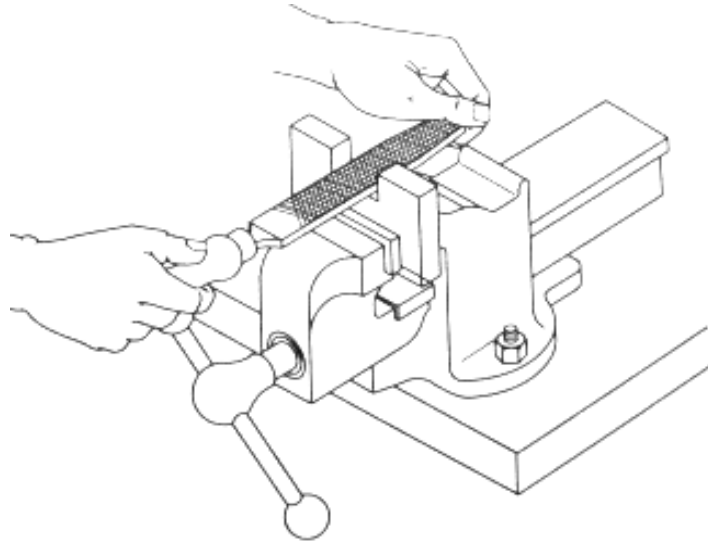
Different types of files:

1. Flat file.
2. Round file.
3. Half round file.
4. Triangular file.
5. Knife file.
6. Square file.

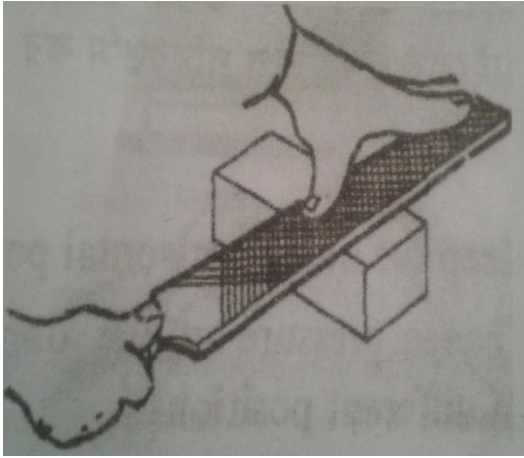


Filing:

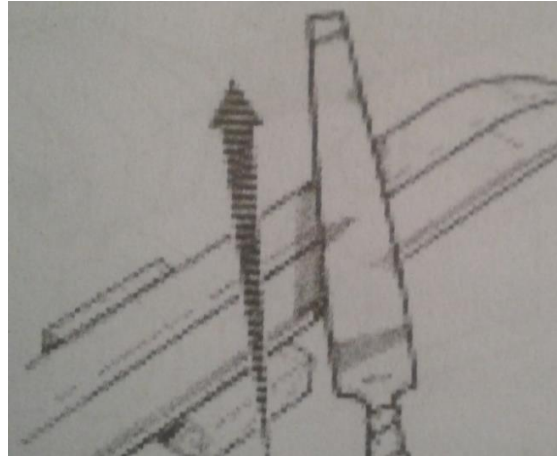
Filing is a metal removal process for finishing a surface.



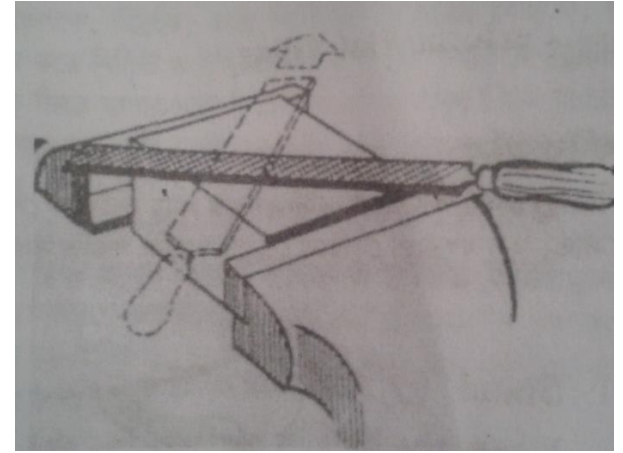
Different types of filing:



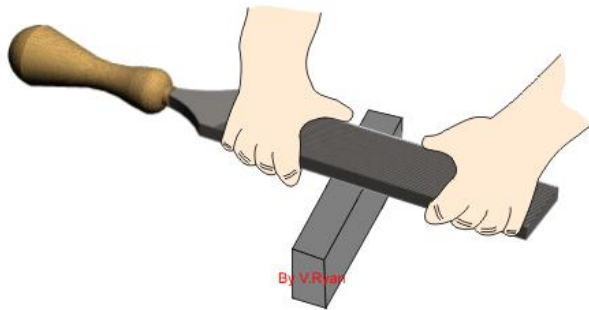
Straight filing



Diagonal filing



Cross filing



Draw filing



Round filing

Let's go to demonstrate

Feedback & Review:

- What is file?
- Say different types of file.
- What is filing?
- Why draw filing is done?

We shall discuss in the next class.....

about grinding with a hand grinder.



Thank you