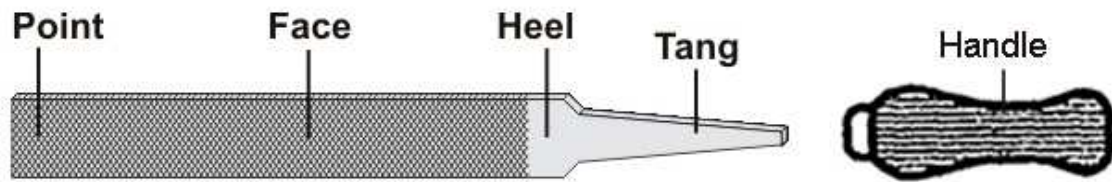


FILE

Suitable for: Metal

Family: Sanding tools



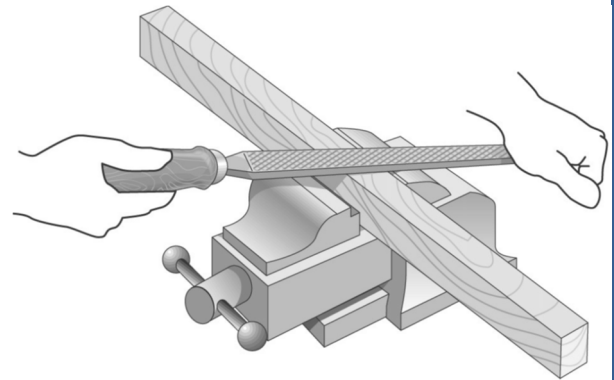
DESCRIPTION AND FUNCTION

- ✚ Tool used for grinding, sharpening or polishing removing chips.
- ✚ It consists of a bar of steel, covered by tiny slots called teeth, and a handle.
- ✚ Files can have different shapes:
 - 1 and 2 are the two types of **flat files**. They are the most commonly used.
 - 3 **Square file**: All its faces are flat, it used for making square holes.
 - 4 **Round file**: It is used for making holes and curved shapes. When it ends in a point, it is called "tail mouse file".
 - 5 **Half-round file**: It is a mix between the flat file and the round file, having both functions in one tool.
 - 6 **Triangular file**: It is used to file angled surfaces.



USAGE RULES AND MAINTENANCE

- ✚ Use the most appropriate file for every situation. You will save work, time and you will obtain a better result.
- ✚ You must adopt an adequate body stand while you are filing.
- ✚ The file should move in a horizontal direction describing a 45° angle with the edge of the piece.
- ✚ Filing must be done following a back and forth movement.
- ✚ Every time we finish a back and forth movement you also have to move the file crosswise.
- ✚ On the second pass, turn the file 90° to obtain a crossed scratch.
- ✚ Do not use files as a lever or as a hammer.
- ✚ Files should be kept clean, removing the filings with a wire brush. You must move this brush in the direction of the file teeth.



SAFETY RULES

- ✚ Make sure the material to file is firmly attached to prevent movement and vibration
- ✚ You can use a vice to hold the piece you are working with.
- ✚ Do not blow the chip to prevent us from entering the eyes.

Sand: Lijar **Tang:** Espiga **Grind:** Desbastar **Sharp:** Afinar, afilar **Polish:** Pulir **Chip:** Virutas
Angled: Formando ángulo **Crosswise:** En sentido transversal