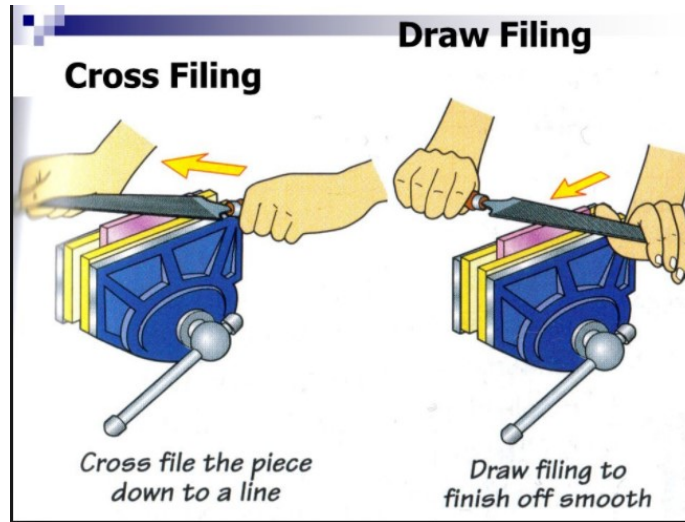
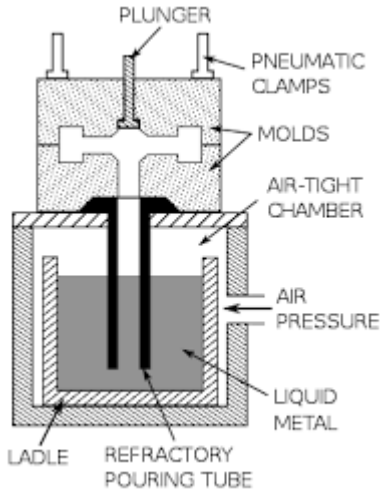


Low Temperature Casting

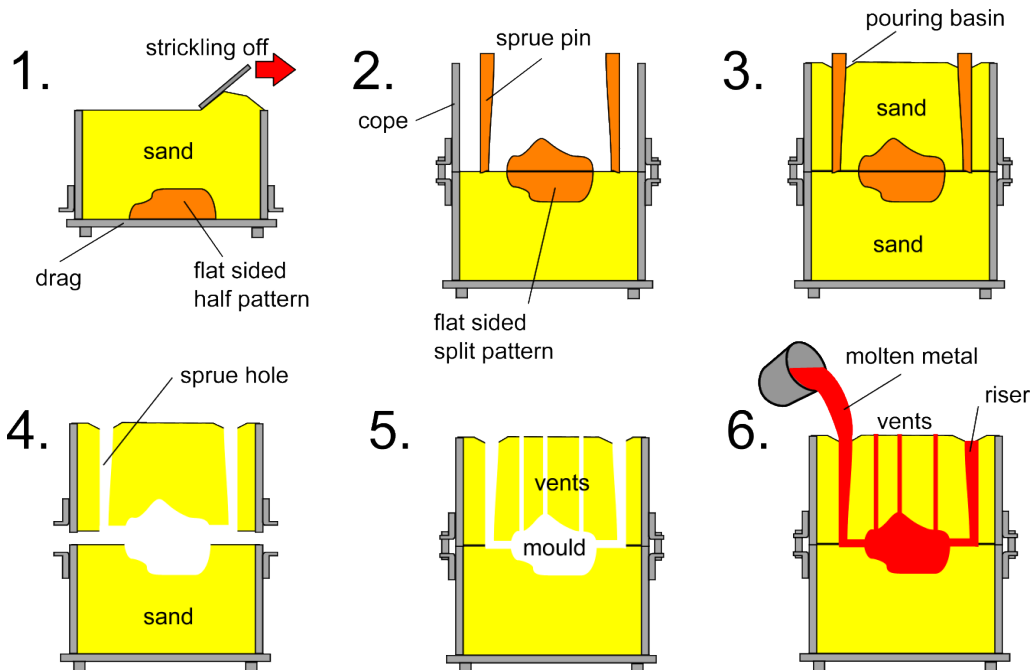


Key Skills

- ⇒ Mould making
- ⇒ Marking out
- ⇒ Wasting
- ⇒ Finishing

Pewter is a malleable metal alloy. It is traditionally composed of 85–99% tin, mixed with copper, antimony, bismuth, and sometimes lead, although the use of lead is less common today. Silver is also sometimes used.

Sand Casting suitable for steel or aluminium



Key Vocabulary

Pattern	The shape to be cast, usually made in wood. It is this that is used to make the correct shape of hole in the sand.
Moulding	The process of creating the hollow shape in sand.
Draft	The pattern should be tapered so that it can be taken out of the sand without dislodging any sand grains. The taper is known as the Draft.
Casting	A method of shaping metal into simple or complicated shapes without producing any waste. Removed metal can be re-melted and used again.
Properties	These are the characteristics of a material e.g tough, or malleable. The properties of a material determine what it is useful for.
Fillet	A rounded internal corner to prevent cracks appearing during cooling.