

Basic Technology JS 1 Lesson

Note

Week 3

Topic : Marking out Tools

Marking Out

It is the process of transferring a design or pattern to to a workpiece.

Marking out Tools

Examples of Marking out Tools

- * Surface plate
- * Angle plate
- * Ball peen hammer
- * Scriber
- * Height gauge
- * Odd -leg calliper
- * Punches
- * A pair of Dividers
- * Engineer's square

Surface plate

It is used as the baseline for all measurements to the workpiece.

Ball peen hammer

It is used to to strike punches and chisels

Angle plate

It is used to assist in holding the workpiece.

Scriber

It is used in metal working working to mark lines on workpiece

Height gauge

It is a measuring device used either for determining the height or marking of items to be worked on.

Punches

They are used to form an impression of the tip on a workpiece.

A pair of dividers

It is used in the process of marking out suitable workpiece.

Types of punches

- * Dot punch
- * Center punch

Assignment

- * list 5 marking out tools
- * Define marking out tools
- * State two types of punches

Draw the following tools

- * A pair of dividers
- * Odd-leg calipers
- * Height gauge.

