Working drawings

- Working drawings are also known as engineering drawings, orthographic drawings and orthographic projections.
- They are used to communicate the sizes of parts.
- They show three views – the side, front and top.
- They normally have a border and a title block with information such as the scale and tolerance.
- They should use the conventions given in British Standard BS EN 8888:2011.

Dimensions
- Leader lines (also known as projection lines) extend from the part to the dimension line. There should be a small space between the part and the leader line.
- Dimensions should be shown mid-way along the dimension line, above horizontal lines or to the left of vertical lines.
- Dimension lines should have solid arrow heads.
- Dimensions are normally in millimetres.

Types of line
Working drawings use different types of line to show different things. Some common lines types are:
- Geometry line – visible outline or edge.
- Hidden detail – features not visible on the surface.
- Centre lines – showing the centre of a round feature.