

Three Basic Types of Technical Drawings

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## Orthographic Projections

- The purpose of orthographic projections is to accurately represent object.
- Accurately, means to make a drawing from which it is possible to manufacture or reproduce the object only using the drawing as a guide.
Pictorial
- Presenting objects with 2-D media in 2-D or 3-D

Orthographic and Isometric
Computer drawings and models

## Introduction to Projections



## Which Views to Present?

## General Guidelines

- The Front View that is which is the most descriptive of object.
- Has normally the longest dimension as the width (or length).
- Most common combination of views is to use: Front, Top, and Side View, Which ever gives all information you need to understand the object.

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## Object Lines

Object Lines Represent features that are only visible in the current view.


Hidden lines
Hidden Lines represent features that cannot be seen in the current view. We show these unseen details, with dashed lines.






[^0]:    - Views other than the Principal Views are called Auxiliary skiews.
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