

Download Basic Engineer Drawings

Contents: reprographics, engineering drawing, sketching, pictorial projections, paper sizes, scales, conventions in layout, lettering and representation of components, tolerances, assembly drawings, K-parts list, exercises in machine drawings, structural drawings and design. Selection of machine components such as; V-belts, flat-belts and pulleys. Understand the basic symbols used in the engineering drawings. As these drawings are done on such a small scale, the use of symbols is often required. While many symbols exist, understanding a few of the basics can be very helpful when reading engineering drawings. Engineering drawing (the activity) produces engineering drawings (the documents). More than merely the drawing of pictures, it is also a language—a graphical language that communicates ideas and information from one mind to another. The basic drawing standards and conventions are the same regardless of what design tool you use to make the drawings. In learning drafting, we will approach it from the perspective of manual drafting. If the drawing is made without either instruments or CAD, it is called a freehand sketch. - Basic Engineer Drawings