

What are Engineering Drawing Instruments?

Engineering Drawing Instruments are the tools utilized by Engineering Students and Professionals for Drawing, Draft and Designing Technical Drawing In Various Fields

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Introduction

In this blog post, we will look at the list of Engineering Drawing instruments required for the Engineering drawings

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[Importance of Engineering drawing in real life](#)
[Average salary of a design engineer in india 2025](#)

List of Engineering Drawing Instruments

1. Drafter
2. Scale
3. Protractor
4. Compass
5. Divider
6. French Curves
7. Set Square

General Stationary Required For Engineering Drawing

1. Set of Different pencils
2. Engineering Drawing sheets

3. Pouch for Carrying all Instruments
4. Engineering Drawing Table
5. Eraser
6. Sharpener
7. Transparent Tape
8. Drawing Board Clips
9. Engineering Drawing sheet box

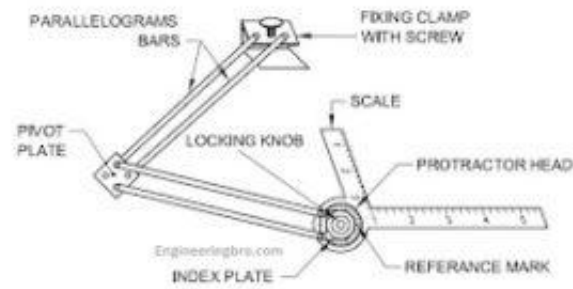


list of Engineering Drawing Instruments

Functionality of Engineering Drawing Instruments

Drafter

It is an Engineering Drawing Instrument that has a Fixing Clamp which is Attached to the Drawing table, A Scale and Protractor combo attached to the Index plate, and a Reference mark that shows the 0 points on the protractor to make sure the scale is parallel to the Drawing table and a Locking knob to control the angle of Scale



Drafter

Long Scale

A long scale is an Engineering Drawing Instrument That is used for the marking points, Drawing lines, and to measure the distance while Drafting



Long Scale

Protractor

A Protractor is an [Engineering](#) drawing Instrument that is used for measuring the Angles between two lines by considering one line as the Reference line



Protractor

Compass

A Compass is an Instrument used for Drawing Circles and arcs and Also to measure Distance with a scale as a Reference



Compass

Divider

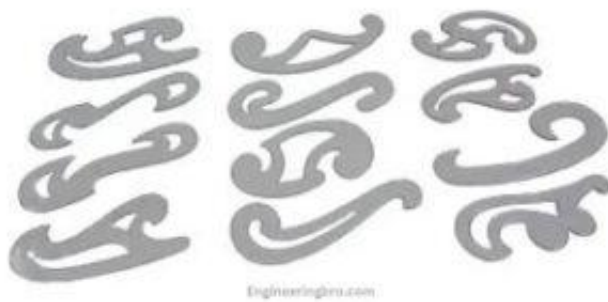
A Divider is an Instrument which is used to measure the distance between points and Draw the markings with a Specific Dimensions



Divider

French Curves

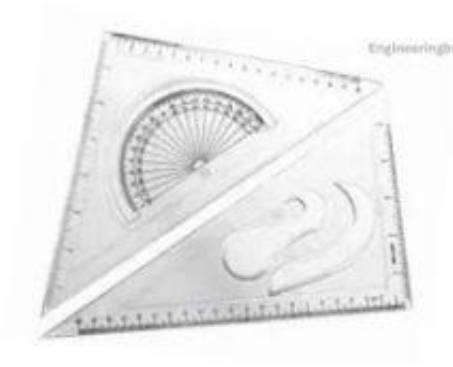
It is an Instrument that provides the freedom to draw curves which cannot be done by the compass and free-hand



French Curve

Set Square

It is an Engineering Drawing Instrument Innovation that has multiple use cases because it is kind of combination of Multiple Engineering Drawing Instruments such as scale, Protractor, Try Square



Set Squares

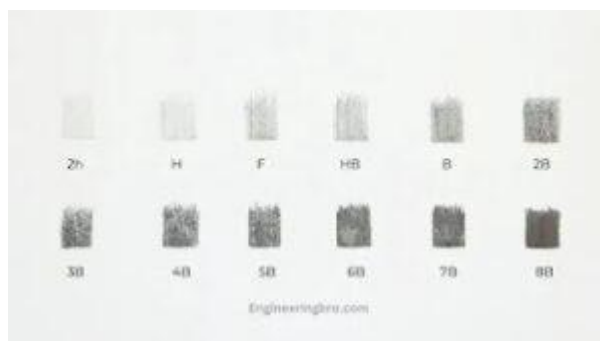
Important Information about the General stationery

Set of Different pencils

Engineering Drawing Pencils has Different variety and each variety is used for a Specific Purpose in the engineering Drawing

Here is the List of Different types of Pencils used in Engineering Drawing

Pencils are classified in a sequence Depending upon the grade: 9H, 8H, 7H, 6H, 5H, 4H, 3H, 2H, H, F, HB, B, 2B, 3B, 4B, 5B, 6B, 7B, 8B, 9B, 9xxB. Common drawing kits typically encompass the range from 2H to 6B as these grades cover a broad spectrum of techniques essential for various drawing requirements



Drawing sheets

The white sheets on which Technical and engineering Drawing are Drafted are called Drawing sheets, these are Available in a variety of Dimensions in which A2 size is Mostly Preferred for Engineering Purposes

