

Engineering Drawing

Drawing Sheet

Drawing Sheet : Standard size

■ Trimmed paper of a size A0 ~ A4.

■ Standard sheet size (**JIS**)

A4 210 x 297

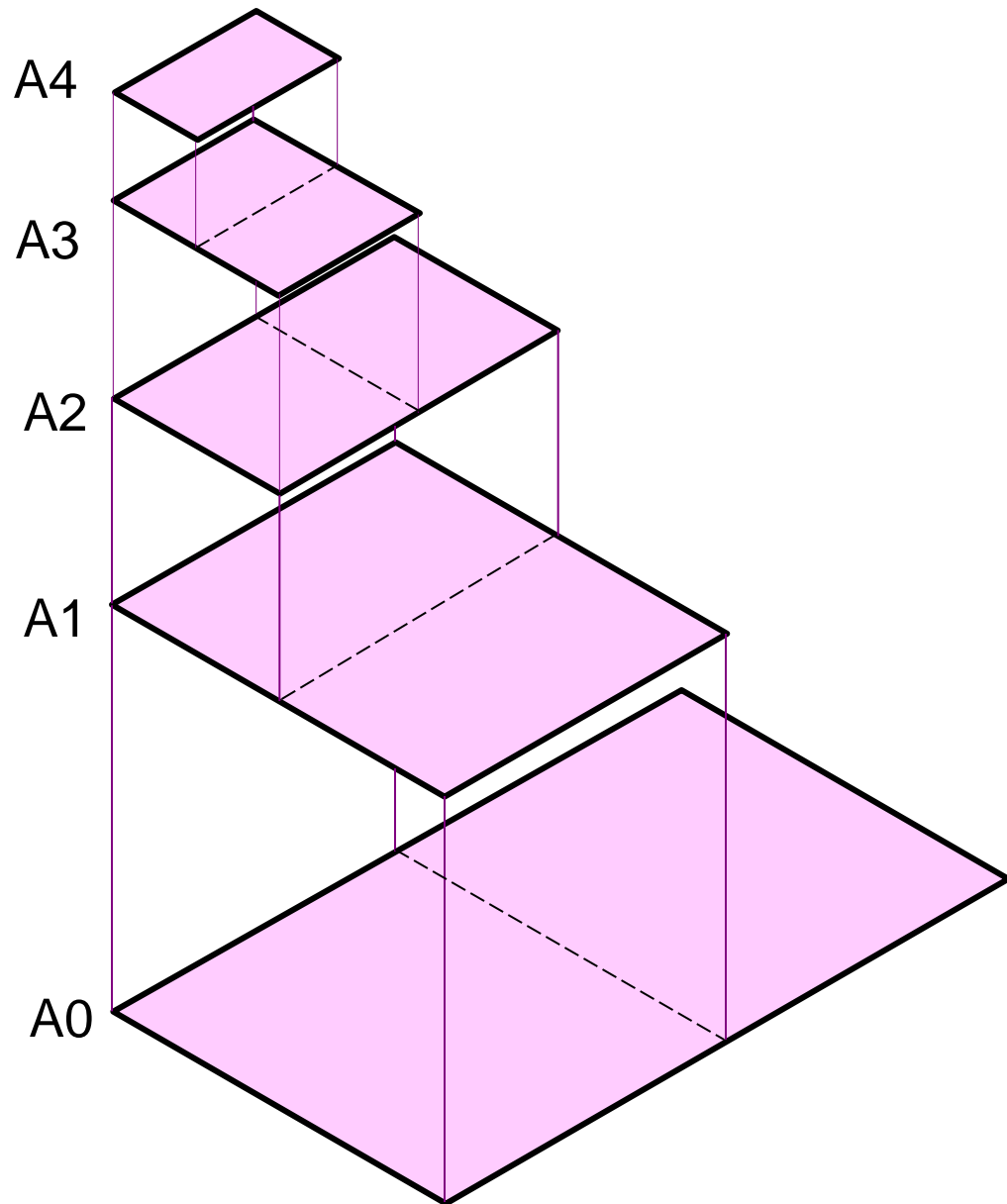
A3 297 x 420

A2 420 x 594

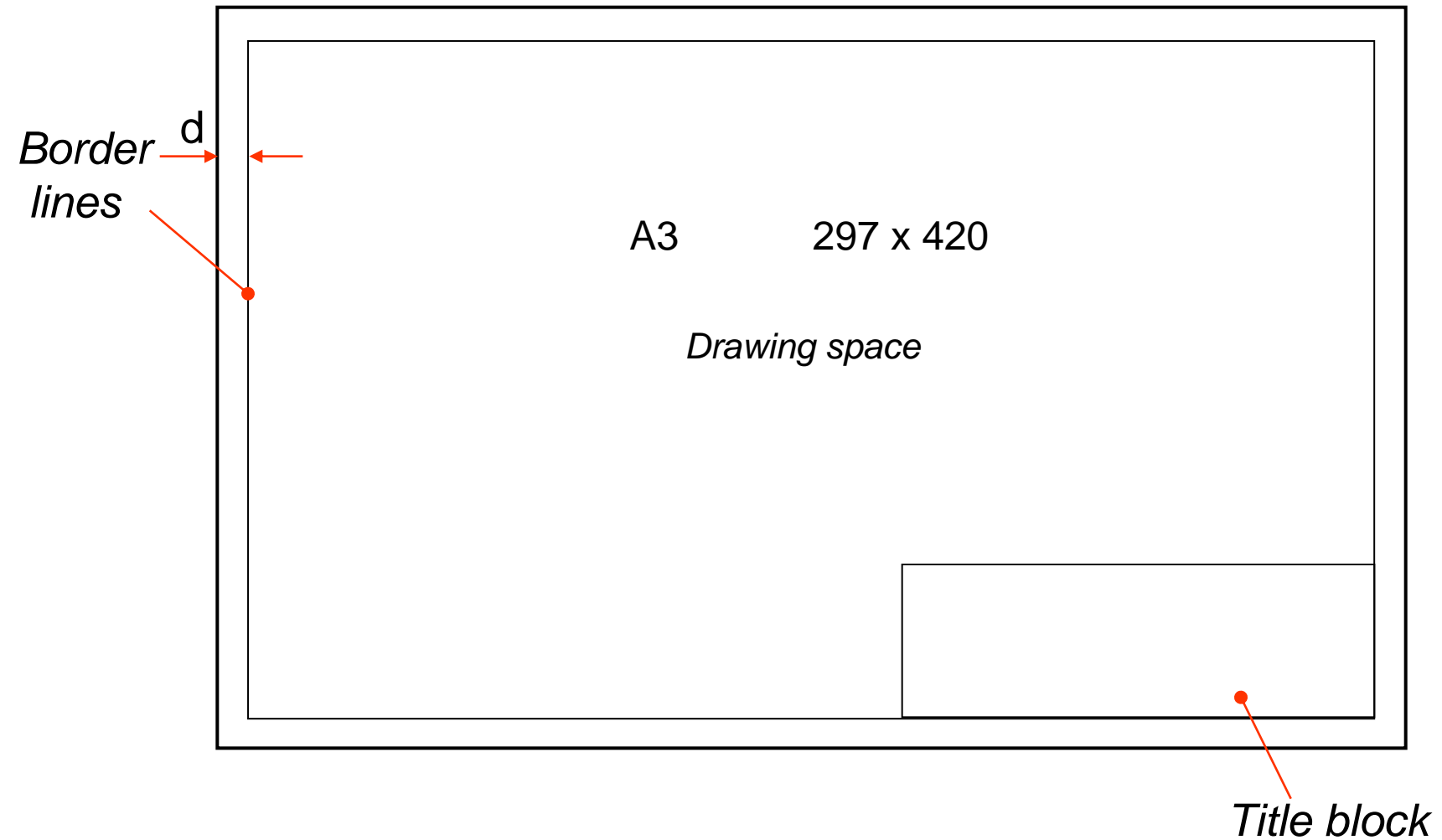
A1 594 x 841

A0 841 x 1189

(Dimensions in millimeters)



Drawing Sheet : Orientation & Margin



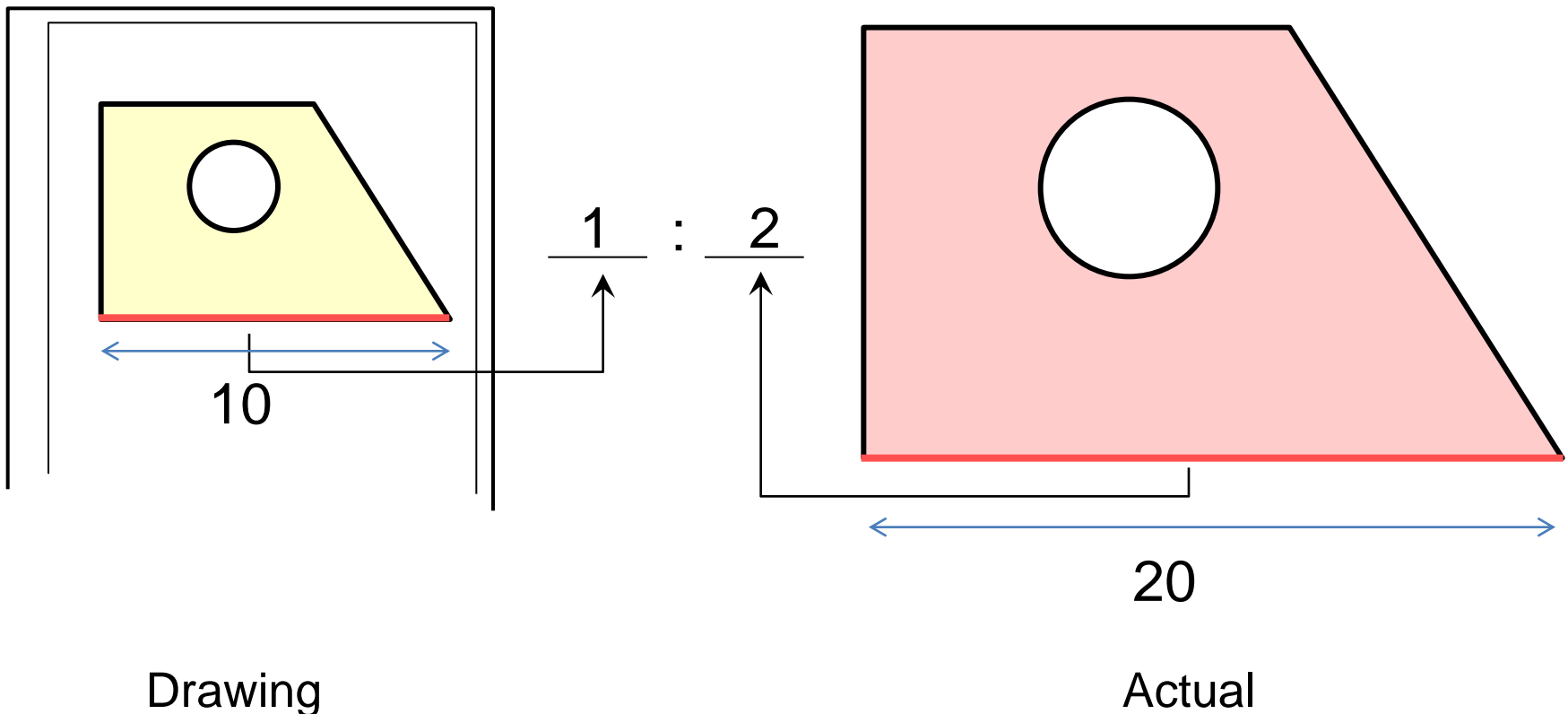
Engineering Drawing

Drawing Scale

Drawing Scales : Definition

Length, size

Scale is a ratio between the linear dimension of a drawn representation of an object and the actual object.



Drawing Scales : Designation

Designation of a scale consists of the word “**SCALE**” followed by the **indication of its ratio**, as follows

SCALE 1:1 for full size

SCALE **X**:1 ($X > 1$) for an **enlargement** scales

SCALE 1:**X** ($X > 1$) for a **reduction** scales

Drawing scale is commonly found in a title block.

Drawing Scales : Standard scale

Standard **reducing** scales are

1:2, 1:5, 1:10, 1:20, 1:50, 1:100

Standard **enlarging** scales are

2:1, 5:1, 10:1, 20:1, 50:1, 100:1