JIS

JAPANESE
INDUSTRIAL
STANDARD

Translated and Published by
Japanese Standards Association

JIS Z 8311 : 1998
(ISO 5457 : 1980)

Technical drawings — Sizes and layout of drawing sheet

ICS 01.100.01

Descriptors : technical drawing, drawings, size, forms (paper)

Reference number : **JIS Z 8311 : 1998 (E)**

Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of International Trade and Industry through deliberations at Japanese Industrial Standards Committee in accordance with the Industrial Standardization Law. Consequently **JIS Z 8311**:1995 is replaced with **JIS Z 8311**:1998.

By this revision, this Standard becomes identical with **ISO 5457**:1980, *Technical drawings — Sizes and layout of drawing sheets* which is the International Standard corresponding to this Standard.

There is an Annex shown below to this Standard. There is no International Standard corresponding to this Annex.

Annex (informative) Folding method of drawing sheet

Date of Establishment: 1984-03-01

Date of Revision: 1998-03-20

Date of Public Notice in Official Gazette: 1998-03-20

Investigated by: Japanese Industrial Standards Committee
Divisional Council on Basic Items

JIS Z 8311:1998, First English edition published in 2000-02

Translated and published by: Japanese Standards Association
4-1-24, Akasaka, Minato-ku, Tokyo, 107-8440 JAPAN

In the event of any doubts arising as to the contents, the original JIS is to be the final authority.

Technical drawings — Sizes and layout of drawing sheets

Introduction This Japanese Industrial Standard has been prepared based on the first edition issued in 1980 of **ISO 5457** without changing the technical contents. The description underlined with a dotted line in this Standard is not included in the original International Standard.

In addition, the standard folding method of drawing sheet is shown in Annex (informative reference) though it is not included in the original International Standard.

This Standard has been drafted to meet the needs of the traditional methods of reproduction and handling technical drawings as well as the more modern methods, such as microfilming, automatic trimming, etc.

Remarks: In this Standard, the figures merely illustrate the text and should not be considered design examples. For this reason the figures are simplified to show principles only. The figures are not to scale.

1 Scope This Standard specifies sizes of blanks and preprinted drawing sheets for use with all technical drawings in any field of engineering.

It also specifies the layout of technical drawings by fixing rules with regard to :

a) position and dimension of title block [1] ;
b) borders and frame ;
c) centring marks ;
d) orientation marks ;
e) metric reference graduation ;
f) grid reference system ;
g) trimming marks.

In general this Standard applies to original drawings, but rules of Section 1 apply also to copies therefrom.

Remarks: The international standard corresponding to this Standard is as follows.

ISO 5457:1980 *Technical drawings — Sizes and layout of drawing sheets*

2 Normative references The following standards contain provisions which, through reference in this text, constitute provisions of this Standard. For these normative reference, the most recent editions shall apply.

JIS Z 8312 *Technical drawings — General principles of presentation — Basic convention for lines*

[1] It should be noted that this Standard does not specify the complete layout of the title block with the position of the different indications necessary for the comprehension of the drawing.