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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 14689-2008

Replacing GB/T 14689-1993

Technical drawings -- Size and layout of drawing sheets

技术制图 图纸幅面和格式

(English Translation)

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Foreword

This standard is GB/T 14689-1993 "Technical Drawing format and Format" amendments.

This standard is released from after 1993, it has been widely used. This revision is mainly based on the import and export trade of manufactured goods Easy and technological exchanges need to increase the relevant provisions, as well as some of the problems in the standard text editor and find the like, the content of the original standard repair Compiled after the change.

This standard replaces GB /"Technical Drawing format and format", the main content of the modified T 14689-1993 are.

--- According to the content GB/T 1.1 and the requirements of this standard, modifications and increase the "scope" and content "Normative documents";

--- An increase of 11 first corner painting and Legends "6.4 Projection symbol" terms and FIG. 12 of the first triangle painting;

--- Also, relevant content on standard text on the modifications made.

Original GB/T 14689-1993 "Technical Drawing format and the format of" national standards with reference to international standards ISO 5457.

1980 "Technical Drawing format and format", the international standards were revised in 1999, this time with reference to the application of the revised ISO 5457:1999 "Technical Drawing format and format" international standard content, but also taking into account the former national standards and original content standards Our applications. So, this time for ISO 5457:1999 "Technical Drawing format and format" for the degree of consistency with international standards Modify use.

This standard by the National Technical product documentation Standardization Technical Committee.

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This standard was drafted. the machine Productivity Promotion Center, Hefei University of Technology, Jiangsu Teachers University, Xi'an University of Science and Technology.

1 Scope

This standard specifies the format size and format drawings, as well as additional symbols related.

This standard applies to technical drawings (including artwork, base maps and copy maps) and related technical documents.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB/T 148 printing, writing and drawing paper format size (GB/T 148-1997, neq ISO 216. 1975) GB/T 10609.1 Technical Drawing title bar (GB/T 10609.1-1989, neq ISO 7200. 1984) GB/T 10609.4 Technical drawings on microfilm copy of the original request (GB/T 10609.4-1989, neq ISO 6428. 1982) GB/T 13361 Technical Drawing generic term

3 Drawing format the dimensions and tolerances

3.1

rendering technical drawings, it should give priority to the basic format specified in Table 1.

3.2

When necessary, also allows selection of specified in Table 2 and Table 3 extended format. The format of the size is determined by the basic format of the short side into an integer After the draw-fold increase, as shown in FIG.

The thick solid line in Figure 1 shows the basic format (first choice); thin solid line as shown in Table 2 under the extended format (second choice); dashed line as shown in Table 3 under the extended format (third choice).

3.3

drawing format dimensional tolerances according to GB/T 148 requirements.

Table 1 Basic format (first choice) in mm

Format designation Dimensions B x L A0 841 x 1189 A1 594 x 841 A2 420 x 594 A3 297 x 420 A4 210 x 297

Table 2 Extended format (second choice) in mm

Format designation	Dimensions B x L
A3 x 3	420 x 891
A3 x 4	420 x 1189
A4 x 3	297 x 630
A4 x 4	297 x 841
A4 x 5	297 x 1051