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

GB/T 16902.2-2008

Replacing GB/T 1252-1989

**Rules for the presentation of graphical symbols for use on
equipment -- Part 2: Form and use of arrows**

设备用图形符号表示规则 第2部分：箭头的形式和使用

(English Translation)

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Foreword

GB/T 16902 series of standards is one of the national "rules of graphical symbols." The national standards for structure and names are as follows.

a) GB/T 16900 "General Rules of graphical symbols."

b) GB/T 16901 "technical document indicates that the rule of graphical symbols", divided into three sections.

--- Part 1. Basic rules;

--- Part 2. Graphical symbols (including the reference library of graphic symbols) in a computer file format specification and post Change requirements;

--- Part 3. connection point, networks and their encoding.

c) GB/T 16902 "device graphical notation rules" is divided into the following four parts.

--- Part 1. prototype symbol;

--- Part 2. Form and use of arrows;

- Part 3. Guidelines for the application;
- Part 4. Monitor screen and the applicable rules of graphical symbols (icons) of.

d) GB/T 16903 "flag graphical notation rules" is divided into two parts.

- Part 1. Public information graphical symbols design principles;
- Part 2. Test procedure.

This part of GB/T 16902 Part 2.

The partial modification of the use of ISO 80416-2:2001 "Basic Principles of graphical symbols for equipment - Part 2. Form and make arrows use". This section 80416-2 and ISO .2001 main difference is. with GB/T 16902.1 instead of the original international standard reference documents IEC 80416-1.

This Part replaces GB/T 1252-1989 "graphic symbol arrow and Its Applications", compared with the GB/T 1252-1989 major changes as follows.

- Deleted with the arrow mark for the basic form of graphic symbols (1989 edition Table 3.1);
- Delete symbol example "Continuous Twist" (1989 edition Table 2);
- Deleted symbols Example "engagement", "separation" (1989 edition Table 3);
- Delete symbol example "pitch", "shut height of the press", "specified wall thickness" (1989 edition Table 4);
- Deleted symbols Example "straight and turn left", "turn right and go straight", "turn left and turn right" (1989 edition Table 5);
- Adjustment example of the symbol "left twist" and direction "right helix" (1989 edition Table 2 4.1.1; edition Table A.1);
- Adjustment example of the symbol "left rotation" and direction "right rotation" (1989 edition Table 2 4.1.1; edition Table A.1);
- Modification example of the symbol "slow" (1989 edition CONTINUED 2 4.1.3; edition table A.3);
- Increase symbol Example "acceleration" and "deceleration" (Excerpts table A.3);
- Increase exemplary symbol "plus web" and "pressure" (Excerpts Table A.4);
- Increased by reference.

This section of Appendix A normative appendix.

This part of the National Standardization Technical Committee graphic symbol and focal points.

This section is responsible for drafting units. China National Institute of Standardization, Productivity Promotion Center in the machine.

Introduction

Graphical symbols are graphic or image as the main feature, symbolic expression of certain things or concepts. Graphical symbols for use with the device on the device There are wide range of uses. In the same place designed for family symbol or similar device, the symbol of consistency is very important when these symbols Number reduced to a very small size, its clear visually discernible is also very important. Therefore, it is necessary to use graphical symbols forming apparatus the principle of standardization, in order to maintain consistency and ensure symbol symbols visual clarity, thereby increasing the symbol of recognizability.

GB/T 16902 specifies the basic rules to create graphical symbols for equipment, including line width, form and use arrows to negative and the use of basic graphic elements, which is to draw guidelines for equipment with graphical symbols. These design principles should be used for all devices with graphical Symbols, graphic symbols related standardization 5465.2 can be found in GB/T 16273 and GB/T .

/ T 16902 purpose of this section is to develop GB to reduce the number as a form of an arrow symbol or graphic symbols of elements.

Equipment indicates that the rule of graphical symbols Part 2. Form and use of arrows

1 Scope

This section GB/T 16902 specifies the basic principles of the movement indicated by the arrows, speed, power, function or size. This section determines the Arrow equipment for graphical symbols or graphical symbol elements.

This section applies to creating a new symbol originals or modify existing graphical symbols.

2 Normative references

The following documents contain provisions which, through reference GB/T 16902 in this section constitute provisions of this section. For dated reference documents Member, all subsequent amendments (not including errata content) or revisions do not apply to this section, however, encouraged to reach under this section Parties to research agreement to use the latest versions of these documents. For undated reference documents, the latest versions apply to this section.

GB/T 16902.1 Graphical symbols Graphical symbols Rule equipment - Part 1. symbol originals

3 General Principles

Symbol originals containing arrows should be created in accordance with the provisions of GB/T 16902.1 of.

Dimensions for the action point or point the arrow head is used to indicate the force, or indicate the direction of movement or physical functional movement.

4 Arrows determine the form and specific meaning

4.1

The basic form of an arrow the basic form of an arrow in FIG. 1 is applied to a predetermined represents any meaning related to sports, whether it is physical, functional, or other movement.

GB/T 5465.2-2008 (5022) one-way movement the basic form of an arrow in Fig. 1

4.2 Arrow form and specifications

Table 1 shows the form of an arrow can be used to deform the basic form of an arrow, to indicate or distinguish particular emphasis on two or more meanings. Attached

Appendix A provides an arrow in the form of use.