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**FZ**

**TEXTILE INDUSTRY STANDARD OF THE  
PEOPLE'S REPUBLIC OF CHINA**

**FZ/T 90089.1-2021**

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**Textile machinery nameplate - Part 1: Types, dimensions and  
specifications**  
**(English Translation)**

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### Foreword

FZ/T 90089 "Textile Machinery Nameplate" is divided into two parts.

---Part 1: Type, size and technical requirements

---Part 2: Content

This part is part 1 of FZ/T 90089.

This section was drafted in accordance with the rules given in GB/T 1.1-2009.

This part replaces FZ/T 90089.1-1996 "Textile machinery nameplate type, size and technical requirements", and FZ/T 90089.1-1996 in comparison, the main technical changes are as follows.

---Combine the two-hole nameplate size and the four-hole nameplate size into "Table 1 Nameplate Size", and reduce it according to actual usage Integrate, cancel the nameplate size with B.L of 1.1.25, 1.2, and 1.3.2 (see Table 1, Table 1 and Table 2 of the 1996 edition);

--- Deleted the relevant content of the use of GB/T 867 round head rivets (see 5.1.1 and Table 3 of the 1996 edition);

---Increase the specifications of fastening nails and modify the size of the mounting holes (see Table 2, Table 4 of the 1996 edition);

---The limit deviation of the diameter of the mounting hole has been increased (see Table 3);

---Modified the characters, materials, appearance requirements and performance requirements in the technical requirements (see 4.2~4.5, 5.4~5.7 of the 1996 edition);

--- Deleted "inspection rules" (see Chapter 7 of the 1996 edition);

--- Deleted "marks, packaging, transportation, storage" (see Chapter 8 of the 1996 edition).

This part was proposed by the China National Textile and Apparel Council.

This part is under the jurisdiction of the National Textile Machinery and Accessories Standardization Technical Committee (SAC/TC215).

The main drafting units of this section. Jingwei Textile Machinery Co., Ltd., Qingdao Hongda Textile Machinery Co., Ltd., Zhejiang Yuejianzhi Energy Equipment Co., Ltd., Zhengzhou Hongda New Textile Machinery Co., Ltd., Changde Textile Machinery Co., Ltd., Zhejiang Fangzheng Textile Machinery Inspection Testing Center Co., Ltd., Tianjin Hongda Textile Technology Co., Ltd., China Textile Machinery Association, Hengtian Heavy Industry Co., Ltd., Jingwei Smart Spinning Weaving Machinery Co., Ltd., Zhejiang Zhongte Intelligent Equipment Co., Ltd., Zhejiang Rifa Textile Machinery Technology Co., Ltd., Zhejiang Jinggong Technology Co., Ltd.

Co., Ltd., Zhejiang Sci-Tech University, Shaoxing Quality and Technical Supervision and Inspection Institute, China Textile Machinery (Group) Co., Ltd.

## 1 Scope

This section specifies the type and size, technical requirements and inspection methods of textile machinery nameplates.

This section applies to the nameplates of textile machinery and auxiliary equipment, textile instruments, electrical and electrical equipment and other products.

## 2 Normative references

The following documents are indispensable for the application of this document. For dated reference documents, only the dated version applies to this article. For undated reference documents, the latest version (including all amendments) is applicable to this document.

Quality control of GB/T 730 textile color fastness test blue wool standard samples (1~7)  
GB/T 827 Sign Rivets GB/T 1720 Determination of paint film adhesion GB 3100  
International System of Units and Its Application GB/T 4957 Non-conductive coating layer thickness measurement on non-magnetic base metal eddy current method GB/T 8427  
Textile color fastness test Color fastness to artificial light. xenon arc

### 3.1 Type

#### 3.1.1

The shape of the nameplate the shape of the nameplate is rectangular (including square). The four corners of the nameplate should be rounded, and the radius of the rounded corners should be less than the k value. see picture 1.

### 3.1.2 Character and line characteristics of nameplate

The text, symbols and features on the nameplate are divided into the following three types.

- a) Convex. text, symbols and lines protrude from the surface of the nameplate by 0.1mm~0.3mm;
- b) Concave type. text, symbols and lines are recessed into the surface of the nameplate by 0.1mm~0.3mm;
- c) Flat type. the characters, symbols and lines protruding or recessed into the surface of the nameplate are less than 0.1mm.

**Note:** For each type of nameplate, its characters, symbols and line characteristics can be any of the three types, or a combination of types.

### 3.2 Dimensions

The size of the nameplate should meet the requirements of Table 1.