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

**GB/T 30167.1-2013**

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**Textile machinery -- Weaving machine temples -- Part 1: Temple  
cylinders**

纺织机械 织机边撑 第1部分：边撑刺轴

**(English Translation)**

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### Foreword

GB/T 30167 "Loom textile machinery temple" is divided into the following two parts.

--- Part 1. Needle-bearing temple;

--- Part 2. full-size temple.

This section GB/T Part of 130,167.

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

This section uses redrafted modification method using ISO 8118-1:2006 "Loom textile machinery temple - Part 1. Needle-bearing temple" (In English).

This part of ISO 8118-1:2006, compared with more adjustment in the structure, are listed in Appendix A of this part of ISO 8118-1:2006 the reg number control list.

This part of ISO 8118-1:2006 as compared to the existence of technical differences between the terms of these differences has been involved through its outer margins Vertical line (|) positions were marked, Appendix B gives a list of corresponding technical differences and their causes.

This part also ISO 8118-1:2006 made the following editorial changes.

- a) with the "GB/T 30167.1" instead of "ISO 8118-1";
- b) Delete the ISO 8118-1:2006 Foreword;
- c) an increase of between 1 increase carved figure number and figure caption points, its interpretation of the size of the symbol dash, "---" and after the Interpretation Increase the semicolon ";", after the last increase in the Interpretation period ".";
- d) with a decimal symbol instead of as the decimal point symbol "., ., .";

- e) use punctuation "," instead of Table 1 in the interval numbers dashes "-";
- f) Table 3 Code length l shift in the header;
- g) Increase in Table 1 t relevant specifications effective number of bits "0";
- h) Increase Information Appendix A and Appendix B.

This part is proposed by the China Textile Industry Association.

This part of the National Textile machinery and accessories Textile Equipment Standardization Technical Committee Technical Committee (SAC/TC215/SC2) Centralized.

This section is drafted. Shanghai Plum Needle-bearing Co., Ltd. Changzhou Eagle Needle-bearing, Lutai Textile Co., Ltd., Shaanxi Textile Equipment Institute.

## 1 Scope

GB/T 30167 provisions of this part of the loom temple Needle-bearing terms and definitions, name, size and marking.

## 2 Terms and definitions

The following terms and definitions apply to this document.

Needle-bearing temple cylinder temple Support as possible for the fabric to pull and warp the reed width in the weaving process, and installed near the cloth fell position means.

see picture 1.

Thorn ring ring

Implantation needle and the outer circumferential surface of the exposed tip of the annular body.

see picture 1.

Rolling circle ring without pin Thorn ring structure and the same needle-free annular body.

see picture 1.

Roller roller

Attached to the shaft and the bushing rotatable cylinder.

see picture 1.

## 3 Name

Figure 1 is a temple Needle-bearing components and dimensions.

#### **4.1 Shaft**

Shaft diameter  $d_1$  is 9mm, 10mm.

#### **4.2 Barbed ring (sets)**

Table 1.