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NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GB/T 6002.16-2018

Textile machinery terminology -- Part 16: Ring spinning machines for cotton spinning

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Foreword

GB/T 6002 "Textile Machinery Terms" are divided into the following parts.

--- Part 1. Mechanical drafting device for spinning;

--- Part 2. List of mechanically equivalent terms for pre-spinning preparation, spinning and merging;

---Part 3. List of equivalent terms for ring spinning and twisting spindles;

---Part 5. Winder;

---Part 6. Winding machine;

---Part 7. Rotor spinning machine;

---Part 9. Knitting machine classification and terminology;

---Part 10. Warp preparation machinery before weaving;

---Part 12. Classification and name of dyeing and finishing machinery and related machinery;

---Part 13. Dyeing and finishing machinery tenter setting machine;

--- Part 14. Basic terms of winding;

---Part 15. Concentrated spinning equipment;

--- Part 16. Cotton spinning ring spinning machine.

This part is the 16th part of GB/T 6002.

This part is drafted in accordance with the rules given in GB/T 1.1-2009.

This section uses the redrafting method to modify the ISO 16875.2004 "Textile Machinery Cotton Spinning Ring Spinning Machine Glossary".

This section has the following structural changes compared to ISO 16875.2004.

--- Increase the chapter number of Chapter 1, Chapter 2 terms and definitions, and

increase the number before ISO 16875.2004

The chapter number in Chapter 2, that is, the number of each chapter becomes the number of the corresponding Chapter 2, and each number becomes the second level of Chapter 2.

Article number

--- Removed the list of symbols in ISO 16875.2004.

The technical differences between this part and ISO 16875.2004 and their reasons are as follows.

--- For ease of use, two terms "car surface" and "spindle track" have been added, see 2.3.10 and 2.3.15 of this part.

For ease of use, this section has made the following editorial changes.

--- In order to be consistent with the existing standard series, the standard name was changed to "Textile Machinery Terms Part 16. Cotton Spinning Ring Spinning Machine";

--- Added Chinese index content.

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).

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1 Scope

This part of GB/T 6002 defines the terms and definitions of cotton spinning ring spinning machines.

This section applies to cotton spinning ring spinning machines.

Note 1. The design of the ring spinning machine is not limited to the one shown in this section, but also includes other types.

Note 2. See Appendix A for design examples.

2 Terms and definitions

2.1

Ring spinning machine ringspinningmachine

Spinning equipment for continuous production of spun yarns. The roving is drawn through the drafting system (2.3.8), on the spindle (2.3.13), the steel collar (2.3.17) and

Under the joint action of the traveler (2.3.18), the yarn is twisted and wound on the bobbin.

2.2

Left and right sides of the machine, dimensions designation, dimensions, dimensions

The left and right sides of the machine are dimensioned as shown in Figures 1 and 2.

Description.

1---tail; l---machine length;

2---the front; L---left side;

b---machine width; R---right side.

Figure 1 Single-sided ring spinning machine

Description.

1---tail; l---machine length;

2---the front; L---left side;

b---machine width; R---right side.

Figure 2 Double-sided ring spinning machine