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

GB/T 6002.17-2025

Textile machinery terminology - Part 17: Ring twisting machines

纺织机械术语 第17部分：环锭捻线机

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Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part

1. Structure and Drafting Rules of Standardization Documents". Drafting. This document is Part 17 of GB/T 6002 "Textile Machinery Terminology". GB/T 6002 has already published the following parts.

1. Spinning Machinery Drafting Devices;

---A list of equivalent terms for spinning preparation, spinning, and twisting machinery (GB/T 6002.2);

---A list of equivalent terms for ring spinning and twisting spindles (GB/T 6002.3);

5. Winding Machine;

6. Weft Rolling Machine;

7. Rotor Spinning Machine;

9. Classification and Terminology of Knitting Machines;

10. Pre-weaving warp preparation machinery;

12. Classification and nomenclature of dyeing and finishing machinery and related machinery;

13. Dyeing and Finishing Machinery - Tensioner and Stenter;

14. Basic Winding Terminology;

15. Concentrated Spinning Device;

1 Scope

GB/T 6002.17-2025 is the Chinese national standard covering the vocabulary of the ring twister - the spindle and the ring and traveller, the creel and the take-up, the twist and its direction, and the terms for the settings and the faults that appear in the yarn. Part 17 of the series, first edition, under the China National Textile and Apparel Council. In force from 1 May 2026. Issued on 5 October 2025, it has been in force since 1 May 2026.

This document defines the terminology and definitions for ring twisting machines. This document applies to ring twisting machines.

2 Normative references

This document has no normative references.

3.1 Equipment

3.1.1 ring twisting machine Twisting single yarns, multi-ply yarns, or ribbons of different raw materials and structures into a single strand is used in industries such as textiles, plastics, paper yarns, and fiberglass. Line equipment. Note

1.The twist ratio is 1.1, meaning that for every one revolution of the ring spindle (3.3.12), the yarn achieves one theoretical twist (slippage rate is not considered). As the ring spindle rotates... Rotate, the yarn rotates on the ring (3.3.10.2) along with the traveler (3.3.10.3).
Note

2.The final products produced by this machine are mainly tube yarns (ring twisted yarns in tube, double cone, bottle, cylindrical, etc.).

3.2 Left and right sides, dimensions

3.2.1 right side Looking from the front of the vehicle (3.3.2), this is the right side of the machine.

Note. See Figure 1 for the right side of the machine.

3.2.2 left side Looking from the front of the vehicle (3.3.2), this is the left side of the machine.

Note. See Figure 1 for the left side of the machine.