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

GB/T 24349.5-2009

**Textile machinery and accessories -- Cylindrical tubes -- Part 5:
Dimensions, tolerances and designation of tubes for
continuous spin-drawn synthetic filament yarns**

纺织机械与附件 圆柱形筒管 第5部分：合成长丝用筒管的尺寸、偏差和标记

(English Translation)

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Foreword

GB/T 24349 "Textile machinery and accessories - Cylindrical tubes" is divided into seven sections.

- Part 1. Recommended main dimensions value;
- Part 2. open-end spinning machine with bobbins dimensions, tolerances and marking;
- Part 3. flat yarn bobbin dimensions, tolerances and marking;
- Part 4. textured yarn bobbin dimensions, tolerances and marking;
- Part 5. synthetic filament bobbin dimensions, tolerances and marking;
- Part 6. winding and twisting with a cross wound bobbin dimensions, tolerances and marking;
- Part 7. cheese dyeing bobbins with mesh size, tolerances and designation.

This is Part 5 GB/T 24349 of.

The partial modification using ISO 3914-5:1994 "Textile machinery and accessories - Cylindrical tubes - Part 5. Synthetic filament bobbin Dimensions, tolerances and marking "(in English).

This section according to ISO 3914-5:1994 redrafted with ISO 3914-5:1994 is a technical difference.

Reason for the above technical differences are. As the ISO 3914-5:1994 has been published for 15 years, and technological progress and development is no longer confined to in ISO 3914-5:1994 dimensions specified in this part of the increase is in line with the international trend dimensions of technological development, and can be great Production handover success affect the spinning machine, should improve the accuracy of the length of the bobbin, and enhance market competitiveness of export bobbin; therefore, this part of the increase on Said inner diameter sizes with a corresponding length, reduce the size of the deviation, in order to meet actual needs, and to enhance the applicability of this section.

For ease of use, this part of the ISO 3914-5:1994 made the following editorial changes.

- a) "ISO 3914" replace the word "GB/T 24349";
- b) Remove ISO 3914-5:1994 Foreword;
- c) Chapter 2, "Normative references" be replaced by "normative references" and using GB/T 1.1-2000 specified in the introductory phrase;
- d) a sectional view of the metal material 1 in a cylindrical bobbin to sectional non-metallic materials;
- e) use the decimal symbol. "" instead of as the decimal point symbol "." this part is proposed by the China Textile Industry Association.

This part of the National Standardization Technical Committee Textile Machinery & Accessories centralized.

This part mainly drafted by. Pinghu City-Paper Co., Ltd., Tongxiang Hengyi Paper Co., Ltd., Tai Chi Rudong chemical fiber textile unit Material Co., Ltd., Suzhou City Tonghe Paper Factory, Shaanxi Sheng Paper Co., Ltd., Shaanxi Institute of textile equipment.

1 Scope

This section GB/T 24349 specifies the synthetic filament cylindrical bobbin main dimensions, tolerances and, additionally may also include spinning - Pull Stretch - deformed bobbins used in one step, and the characteristics of the bobbin inner diameter and length of the test methods made guidance notes.

2 Normative references

The following documents contain provisions which, through reference GB/T 24349 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 24349.1 Textile machinery and accessories - Cylindrical tubes - Part 1.
Recommended main dimensions value (GB/T 24349.1-2009, ISO 3914-1:1994, IDT)

3 Dimensions and deviations

Figure 1 and Table 1.

Figure 1 cylindrical bobbin

Table 1 inner diameter and a length in millimeters

Deviation basic size 1) Basic size deviation 2) 73.5

943)

57.5

1503)

2903)

3003)