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

FZ/T 97035.1-2015

0029.5-1991; FZ/T 97005.1-1991; FZ/T 97005.2-1991; FZ/T 97005.3-1991; FZ/T 97005.4-1991; FZ/T 97005.5-1991

Needles for knitting machines. Part 1: Latch needles

针织机用针 第1部分：舌针 清晰版

(English Translation)

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Foreword

FZ/T 97035 "knitting machine needles" is divided into the following four parts.

- Part 1. latch needle;
- Part 2. crochet;
- Part 3. compound needle;
- Part 4. aid.

This section FZ/T Part of 197,035.

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

This section instead of FZ/T 90029.5-1991 "knitting needle taxonomy terms and weave Product Code Product Code Code" and FZ/T 97005-1991 "tongue knitting needle" (all parts). This part FZ/T 97005-1991 (all parts) based, integrated Part of FZ/T 90029.5-1991, compared with FZ/T 97005-1991 (all parts), in addition to editorial changes outside of the main technical Changes are as follows.

- Increased terms and definitions (see Chapter 3);
- Modify the classification and labeling rules (see 4.1 and 4.2, in Chapter 3, the various parts of the 1991 edition.);
- Latch needles increases the basic shape of a schematic and code, technical features of the code (see 4.2);
- Remove the basic size parameters, modify some of the size limit deviation (see 5.1, Chapter 3, various parts of the 1991 edition.);
- Increasing the basic size and code name. shift ring width b3, the second working length

I3, hook tongue from I5 (see 5.1);

--- Modify the diameter of the needle hook and the hook width b2 thick I7 (see 5.1);

--- Modify the hardness and hardness range of symbolic value and range requirements (see 52, 1991 version 4.2.);

--- Modify the term "needle tongue fastness" is "the tongue tensile strength," "the needle bar elastic" to "pin the elastic tongue" (see 5.3 and 5.4, 1991 edition each part);

--- Increasing the basic dimensions of the arbitration application when the projector requires amplification assay (see 6.1);

--- Added "the tongue tensile force gauge measuring applications, loading speed of 50mm/min" provisions (see 6.3);

--- Increased on the back of the needle straightness error measurement application projector amplification requirements (see 6.6);

--- Modify the inspection rules (see Chapter 7, Chapter 6, 1991 edition);

--- Modify the packaging, labeling, transportation and storage (see Chapter 8, 1991 edition of Chapter 7).

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. Shaanxi Institute of Textile Equipment, Ltd. Kunshan Kay Italian knitting needles, knitting needles Suzhou Shenma Equipment Co., Ltd., Yantai Transported into needle-limited liability company, Nantong Co., Ltd. Gwangyang needle, needle-Yantai Tiancheng Co., Ltd., Zhejiang Pinghu City Jinli knitting needle Limited.

1 Scope

FZ/T 97035 provisions of this part of the knitting machine needle with tongue (hereinafter referred to as "tongue needle") terms and definitions, classifications and marks, requirements, test Test methods, inspection rules, packaging, labeling, transportation and storage.

This section applies to circular weft knitting machines, knitting machines and warp knitting machine needle tongue.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references,

the latest edition (including any amendments) applies to this document.

GB/T 191 Packaging - Pictorial signs GB/T 2828.1 Sampling procedures for inspection - Part 1. by acceptance quality limit (AQL) retrieval batch inspection sampling plan GB/T 2829 periodic inspection Sampling procedures and tables (suitable for process stability test) GB/T 4340.1 Vickers hardness test - Part 1. Test methods GB/T 30160.1 Textile machinery and accessories needles for knitting machines - Terminology - Part 1. latch needle GB/T 30165-2013 Textile machinery and accessories for knitting machines tongue acupuncture needle bar thickness and height corresponding to the size of the hook

3 Terms and Definitions

Terms and definitions GB/T 30160.1 defined apply to this document.

4.1 Classification

4.1.1

according to the material form, divided into steel and wire tongue acupuncture needle.

4.1.2

The structure of the needle, the needle tongue is divided into single-head and double tongue needle. Single head latch needle suitable for circular machine, socks, gloves, fur machine, ordinary transverse Machines, computerized flat knitting machines and warp knitting machines; stud tongue needle suitable for circular machines and hosiery.

4.2 Mark

Latch needles marking method. the product name, this part of the code and the order number, basic shape code (see Table 1), the technical features of the code (see Table 2), the total length of the needle and the needle bar thickness l1 b1 (see Figure 1) consisting of the sequence.