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

GB/T 38417-2019

**Textile machinery and accessories - Bars for drop wires for
electrical warp stop motions**

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This standard uses the re-drafting method to modify and adopt ISO 13435..2011 "E-stop device for textile machinery and accessories".

There are technical differences between this standard and ISO 13435..2011. The clauses related to these differences have passed the margins on the outer side.

The vertical single line (|) at the location is marked. The main technical differences are.

--- In the table 1 before the size code b, h1 and h2, the size names were added as "total thickness", "total height" and "outer contact rod height",

Add the code "l" after the dimension name "length" and mark it in Figures 1 and 2

--- Added the size specifications in Table 1 and modified the limit deviation of the total thickness b;

--- Modified the title of Chapter 3, added numbers and titles as "3.1 classification" and "3.2 mark", and changed the column items a) ~ e) to paragraphs.

Editorial amendments to this standard are as follows.

--- Amended the table in Table 1 entitled "Main Dimensions of Stop Bars for Electronic Stop Devices".

This standard is proposed by China Textile Industry Federation.

This standard is under the jurisdiction of the National Technical Committee for Standardization of Textile Machinery and Accessories (SAC/TC215).

This standard was drafted. Changshu Changxin Textile Equipment Co., Ltd., Guangdong

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1 Scope

This standard specifies the type, main dimensions and deviations, classification and marking, material, and structure of the stop bar used for the electronic stop device of the loom.

This standard applies to integrated internal contact stop rods (type E1) and split internal contact stop rods (type E2).

2.1 E1 type

The structure of the integrated inner contact stop bar is shown in Figure 1. The main dimensions and the limit deviation of the total thickness b are shown in Table 1.

Explanation.

1 --- inner contact rod;

2--insulating layer;

3--outer contact rod.

Figure 1 E1 structure --- toothed

2.2 E2 type

The split-type internal contact warp beam is used to control the left and right sides of the loom respectively. The structure is shown in Fig. 2.

Table 1.

Explanation.

1 --- inner contact rod;

2--insulating layer;

3--outer contact rod.

Figure 2 E2 structure --- toothed