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

中华人民共和国国家标准

GB/T 3293-2007

Replace GB/T 3293-1982

Chinese Last Systems

中国鞋楦系列

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Foreword

This Standard will replace the part of last in GB/T3293-1982 *Chinese Shoe Sizing and Last Systems*, and the published GB/T3293.1-1998 *Shoe Sizing* will replace the part of shoe sizing in GB/T3293—1982 *Chinese Shoe Sizing and Last Systems*.

Main revisions of this Standard:

- The standard name is changed into *Chinese Last Systems*;
- Last of tourist shoes is added on the basis of last of leather shoes, rubber shoes, cloth shoes and plastic shoes;
- Relevant terms and definitions in Chapter 1-11 of the original standard are summarized into Chapter 3 of this Standard; terms and definitions of toe spring, center position of heel area convexity and element head last are added, simultaneously, the relevant provisions are summarized into to Chapter 4;
- Content in Chapter 12-16 of the original standard is amended and summarized into the part of shoe last and systems, simultaneously, size series of last of adult and children tourist shoes are added;
- Middle number of adult men's, women's foot cushion is changed;
- Grading of children's shoes is changed and middle number of foot type for kids, little children and big children are changed;
- Coefficient of position of foot type and equal difference of last are changed to keep one decimal place;
- Necessary addition, deletion and amendment are made to text and data in original standard;
- Laser measuring method for foot type is added in Appendix A.

Appendix A to this Standard is informative appendix.

This Standard is put forward by China National Light Industry Associations.

This Standard is centralized by National Standardization Center of Footwear.

This Standard is drafted by: Wenzhou Lvyi Shoes Material Co., Ltd., Shanghai Guoxue Last Design Co., Ltd., China Leather and Footwear Industry Research Institute.

The main drafters of this Standard are: Sun Yi, Chen Guoxue, Yan Huaidao, Jin Guanghua, Fan Kangjie, Wang Zhanxing.

This Standard was first issued in November 1982 and first amended in the shoe sizing part in December 1998.

Chinese Last Systems

1 Scope

This standard stipulates the last sizes of leather shoes, rubber-soled shoes, cotton shoes (cloth shoes), plastic shoes as well as sneakers.

This standard applies to shoe last of the above shoes for Chinese people (including adults and children).

2 Normative References

The articles contained in the following documents have become this standard when they are quoted herein. For the dated documents so quoted, all the modifications (excluding corrections) or revisions made thereafter shall not be applicable to this Standard. For the undated documents so quoted, the latest editions shall be applicable to this Standard.

GB/T 2703 Technical terms for leather shoes industry

GB/T 3293.1 Shoes sizes

3 Terms and Definitions

Terms and definitions for foot & last type of GB/T 2703 and size of GB/T 3293.1 as well as the following terms and definitions are applicable to this standard.

3.1

master model last of Middle size

Among all the sizes, the middle size last is call master model last of middle size. For more about the middle size, please see 4.1. Please see Chapter VI for the middle size and last size of leather shoes, rubber-soled shoes, cloth shoes, plastic shoes as well as sneakers.

3.2

last systems

A last system is formed by a set of last sizes centered by master model last of middle size and with other stipulated sizes being increased or reduced by equal difference. For more about the last systems of all kinds of shoes, please see Chapter VI.

3.3

standard size

Each feature point and plantar girth in the length direction on the last's bottom are in standard size, which can not be changed.

3.4

reference size

Other sizes (excluding the standard size) listed in this standard are referred to as reference size.

3.5

heel crown

The salient height between the heel center part and heel center inside & outside width part is referred to as heel crown.

3.6

sole salient point

The intersection point formed by the line between first and fifth metatarsophalangeal joint point and sole axis of last is referred to as forefoot salient point.

3.7

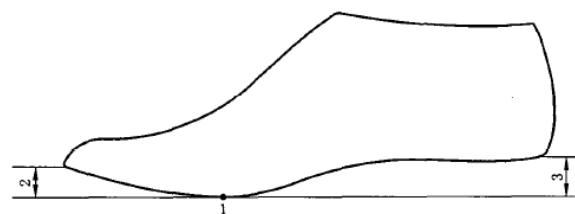
toe spring

When the forefoot salient point is touching on the plane, the height between the toe end of last and the plane is called toe spring. See Figure 1.

3.8

heel elevation

When the forefoot salient point is touching on the plane, the height between the heel end of last and the plane is called heel elevation. See Figure 1.



- 1—forefoot salient point;
- 2—toe point;
- 3—heel point.

Figure 1 toe spring & heel elevation

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