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

GB/T 15067.2-2016

Replacing GB/T 15067.2-1994

Stainless steel cutlery

不锈钢餐具

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Foreword

This Standard was drafted in accordance with the rules given in GB/T 1.1-2009. This Standard replaces GB/T 15067.2-1994 Stainless steel cutlery. Compared with GB/T 15067.2-1994, the main technical modifications are as follows: - deleted product grade classification (Clause 4 of Edition 1994); - subdivided the appearance requirements in the previous edition into size, shape, appearance and surface roughness and made relevant provisions; - modified the requirements for corrosion resistance, blade hardness. This Standard was proposed by China Light Industry Federation. This Standard shall be under the jurisdiction of National Technical Committee on Metal Dining and Cooking Utensils of Standardization Administration of China (SAC/TC 410). Main drafting organization of this Standard. Dong Jin Utensils (Yangxin) Limited. The drafting organizations of this Standard. National Daily Metal Products Quality Supervision and Inspection Center (Shenyang), Xiamen Qinghong Industrial Co., Ltd., Zhejiang Zhuo Ling Industrial Co., Ltd., Sunrise Hardware Products (Shenzhen) Co., Ltd., Zhejiang Jinshi Household Products Co., Ltd. Main drafters of this Standard. Qu Jinbo, Qian Junping, Shan Zhihua, Wu Haiyan, Shi Yanbo, Zhou Jingfu, Cai Shuchun, Zhang Xueling. Version of standard substituted by this Standard is. - GB/T 15067.2-1994. Stainless steel cutlery

1 Scope

GB/T 15067.2-2016 is the Chinese national standard on stainless steel cutlery, in the field of domestic and commercial equipment, entertainment, sport. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 13 December 2016 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 July 2017.

Classification: ICS 97.040.60, CCS Y68. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This Standard specifies the requirements, test methods, inspection rules and marks, packaging, transport, storage of stainless steel cutlery. This Standard is applicable to cutlery that the part contacting with food is made and processed of stainless steel.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

GB/T 191, Packaging and storage marks

GB/T 2828.1, Sampling procedures for inspection by attributea-Part1. Sampling schemes indexed by acceptance quality limit(AQL) for lot-by-lot inspection

GB/T 2829, Sampling procedures and tables for periodic inspection by attributes (Apply to inspection of process stability)

GB 4803, Hygienic STANDARD for polyvinyl chloride resin used as food container and packaging material

GB/T 6062, Geometrical product specifications(GPS) -- Surface texture -- Profile method -- Nominal characteristics of contact (stylus) instruments

GB/T 6388, Transport package shipping mark

GB/T 6543, Single and double corrugated boxes for transport packages

GB/T 6544, Corrugated fiberboard

GB/T 15067.1, Stainless steel cutlery - Nomenclature

3 Terms and definitions

For the purposes of this document, the terms and definitions defined in GB/T 15067.1 apply.

4 Requirements

4.1 Food safety indicators Shall comply with the relevant national standards for food safety regulations.

4.2.1 Size

4.2.1.1 The size of same batch of products and of same requirements shall not exceed 2% of nominal size.

4.2.1.2 In addition to the special design, the installation gap between the tableware components shall not be greater than

0.2 mm.

4.2.2 Shape

4.2.2.1 In addition to special design, the general tableware straight symmetry requirements shall not exceed 1% of the full length.

4.2.2.2 The edge of the knife shall be wedge or serrated except blunt knife.

4.2.3 Appearance

4.2.3.1 The product looks clean. The main surface is of the same light, smooth edges, without glitches inside.

4.2.3.2 The pattern, the text, the trademark shall be clear and complete, of the same location.

4.2.3.3 There shall be no defect of which the diameter is more than

0.3 mm or indentation of which the diameter is more than

0.8 mm on the surface contacting with food. For the defects and indentations that do not exceed those limits, there shall be no more than 2 within 10 cm²; the distance between any indentation and defect shall not be less than 20 mm.

4.3 Surface roughness The mirror polished surface roughness Ra shall not be greater than 0.32 μm, except those that have special requirements for surface treatment.

4.4 Corrosion resistance The corrosion resistance shall meet the requirements of Table 1. There shall be no more than

0.35 mm gap between metal and nonmetal.

4.10 Hollow handle water resistance Carry out the test according to the method specified in

5.10. Hollow handle and the joint shall not be seeped.

5 Test methods

5.1 Test of food safety indicators Carry out the test in accordance with relevant national standards for food safety or other national standards for testing methods.

5.2 Test of size, shape and appearance It shall use visual inspection and universal gauge to test under normal light.

5.3 Test of surface roughness Compare according to roughness standard sample or carry out the test according to the apparatus specified in GB/T 6062. At the time of arbitration, the test shall be carried out according to GB/T 6062.

5.4 Corrosion resistance test

5.4.1 Principle Immerse the test piece periodically in a 1% sodium chloride solution at a temperature of 60°C. When it reaches to the specified time, use a microscope or magnifying glass to observe the size and quantity of corrosive pits.

5.4.2 Reagent 1% sodium chloride solution shall use soft or distilled water.

5.4.3 Apparatus The apparatus is shown in Figure 1, consisting of a glass container and a lid. It can be glass or plastic. And there shall be a plastic shelf that can rise and fall according to the specified cycle.

7.1 Marks

7.1.1 In the obvious position of the product, it shall be marked with a clear permanent mark. manufacturer name or trademark.

7.1.2 The product or minimum sales packaging shall have the following marks.

- b) product name and specification;
- c) implementation standard number;
- d) manufacturer's name, factory address, contact telephone number and zip code;
- e) stainless steel type in contact with food;
- f) marking words "for food contact".

7.1.3 The storage icons and marks on the packaging box shall comply with the provisions of GB/T 191. The receipt and delivery marks shall comply with the relevant provisions of GB/T 6388 and shall have the following marks.