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

**GB/T 17449-2025**

Replacing GB/T 17449-1998

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**Packaging - Glass containers - Thread finish dimensions**

包装 玻璃容器 螺纹瓶口尺寸

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### Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part 1: Structure and drafting rules for standardization documents" Drafting.

This document replaces GB/T 17449-1998 "Dimensions of threaded bottle necks for glass packaging containers" and is consistent with GB/T 17449-1998.

In addition to structural adjustments and editorial changes, the main technical changes are as follows.

- Changed the scope to clarify that it is a straight thread bottle (see Chapter 1, Chapter 1 of the 1998 edition);
- Added anti-theft threaded glass bottle mouth structure type (see 5.1);
- Added single-threaded glass bottle mouth structure type (see 5.2);
- Added multi-threaded glass bottle mouth structure type (see 5.3);
- Changed the specifications and dimensions of the anti-theft threaded glass bottle mouth (see 6.1, 4.1 of the 1998 edition);
- Changed the specifications and dimensions of single-threaded glass bottle necks (see 6.2, 4.2 of the 1998 edition);
- Changed the specifications and dimensions of multi-threaded glass bottle mouths (see

6.3, 4.2 of the 1998 edition);

- Changed the measurement method (see Chapter 7, 4.3 of the 1998 edition).

Please note that some of the contents of this document may involve patents. The issuing organization of this document does not assume the responsibility for identifying patents.

This document is proposed and coordinated by the National Technical Committee for Standardization of Packaging (SAC/TC49).

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The previous versions of this document and the documents it replaces are as follows.

- First published in 1998 as GB/T 17449-1998;
- This is the first revision.

## 1 Scope

This document specifies the product classification, structural types and specifications of glass container straight thread bottle necks, and describes the dimensional measurement method.

This document applies to glass containers with threaded necks for non-gas-filled contents.

## 2 Normative references

This document has no normative references.

## 3 Terms and Definitions

The following terms and definitions apply to this document.

### **3.1**

The threaded glass bottle cap needs to be unscrewed before opening.

### **3.2 Glass bottle mouth**

A single continuous spiral raised thread structure with a single helix (only one starting point), with continuous threads between the interface helices

### **3.3**

The threaded bottle mouth is formed by multiple parallel spiral lines, and the threaded glass bottle mouth is discontinuous between the interface spirals.

### **4.1 Anti-theft threaded glass bottle mouth**

The anti-theft threaded glass bottle mouth is divided into standard type, deep mouth type and extra deep mouth type.

### **4.2 Single-end threaded glass bottle mouth**

The single-threaded glass bottle mouth is divided into standard type and deep mouth type.

### **4.3 Multi-threaded glass bottle mouth**

The multi-threaded glass bottle mouth is divided into standard type and deep mouth type.