



SLOVENSKI STANDARD SIST EN 14848:2020

01-marec-2020

Nadomešča:

SIST EN 14848:2006

SIST EN 14848:2006/AC:2008

Embalaža za aerosole - Kovinske posode z odprtino 25,4 mm - Mere za pokrove ventilov

Aerosol containers - Metal containers with 25,4 mm aperture - Dimensions of valve cups

Aerosolverpackungen - Metallbehälter mit einer Öffnung von 25,4 mm - Maße von Ventilträgern

Réipients pour aérosols - Réipients métalliques avec ouverture de 25,4 mm - Dimensions des coupelles de valves

Ta slovenski standard je istoveten z: EN 14848:2020

ICS:

55.130

Pločevinke za aerosole

Aerosol containers

SIST EN 14848:2020

en,fr,de

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[SIST EN 14848:2020](#)

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EUROPEAN STANDARD

EN 14848

NORME EUROPÉENNE

EUROPÄISCHE NORM

January 2020

ICS 55.130

Supersedes EN 14848:2005

English Version

Aerosol containers - Metal containers with 25,4 mm aperture - Dimensions of valve cups

Réipients pour aérosols - Réipients métalliques avec ouverture de 25,4 mm - Dimensions des coupelles de valves

Aerosolverpackungen - Metallbehälter mit einer Öffnung von 25,4 mm - Maße von Ventilträgern

This European Standard was approved by CEN on 15 March 2019.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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European foreword

This document (EN 14848:2020) has been prepared by Technical Committee CEN/TC 261 "Packaging", the secretariat of which is held by AFNOR.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by July 2020, and conflicting national standards shall be withdrawn at the latest by July 2020.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 14848:2005.

This European Standard is one of a package of ten related standards with the following titles:

- EN 14847, *Aerosol containers — Tinsplate containers — Dimensions of the 25,4 mm aperture;*
- EN 14848, *Aerosol containers — Metal containers with 25,4 mm aperture — Dimensions of valve cups;*
- EN 14849, *Aerosol containers — Glass containers — Dimensions of aerosol valve ferrules;*
- EN 14850, *Aerosol containers — Metal containers with 25,4 mm aperture — Measurement of contact height;*
- EN 14854, *Aerosol containers — Glass containers — Dimensions of the neck finish;*
- EN 15006, *Metal aerosol containers — Aluminium containers — Dimensions of the 25,4 mm aperture;*
- EN 15007, *Aerosol containers — Tinsplate containers — Dimensions of two and three-piece cans;*
- EN 15008, *Aerosol containers — Aluminium containers — Dimensions of one-piece cans with 25,4 mm aperture;*
- EN 15009, *Aerosol containers — Compartmented aerosol containers;*
- EN 15010, *Aerosol containers — Aluminium containers — Tolerances of the fundamental dimensions in connection with the clinch.*

According to the CEN-CENELEC Internal Regulations, the national standards organisations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

Introduction

The specific dimensions of valve cups given in this document are recognized as critical in respect of closure efficiency. They are important to the manufacturer in process control and to the filler for incoming goods inspection and ultimately clinch setting and control.

Cups in tinplate, blackplate, stainless steel, aluminium and aluminium alloys are permitted by this standard but it is emphasized that the dimensions are independent of the material.

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1 Scope

This document specifies the critical dimensions of valve cups suitable for clinching into 25,4 mm aperture metal aerosol containers.

This document is applicable to aperture metal aerosol containers which are used with the metal aerosol containers in accordance with EN 14847 and EN 15006.

This European Standard does not specify dimples on aperture metal aerosol containers.

NOTE To provide satisfactory filling in production, dimples are no longer considered essential but might still be used. Their presence could cause damage of the 25,4 mm aperture and their presence on lacquered cups can give rise to coating defects at the dimple feature. Thus, in the interest of simplicity and reduction of difficulties, dimples are excluded from this standard.

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EN 14848:2020 (E)

2 Normative references

There are no normative references in this document.

3 Terms and definitions

No terms and definitions are listed in this document.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- IEC Electropedia: available at <http://www.electropedia.org/>
- ISO Online browsing platform: available at <http://www.iso.org/obp>

4 Dimensions for valve cups

Dimensions for valve cups suitable for 25,4 mm aperture metal aerosol containers shall be as given in Figure 1 and Table 1.

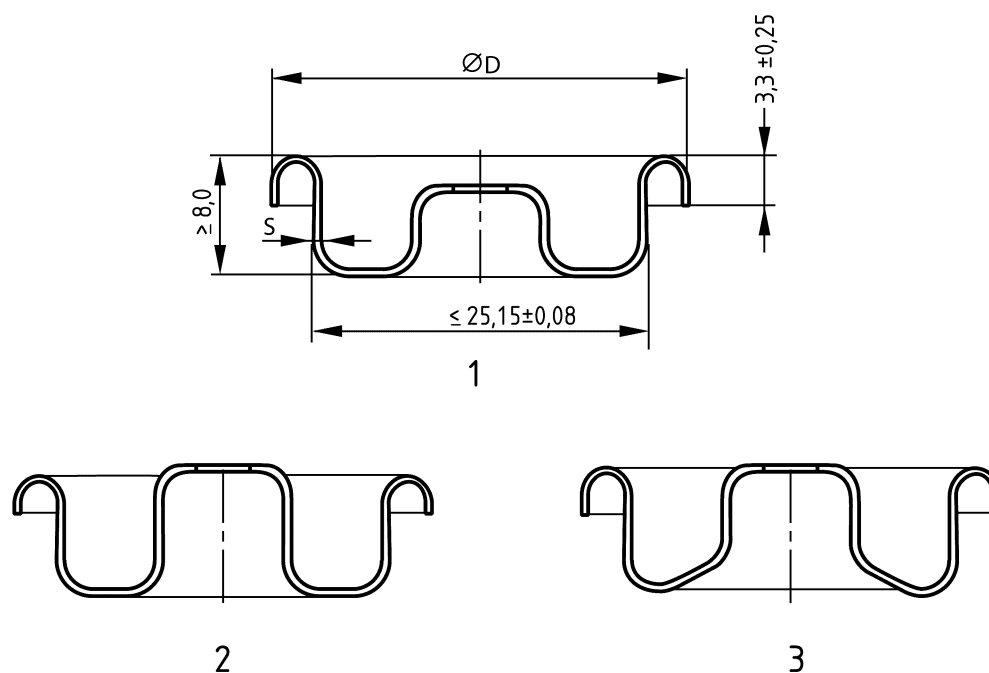
NOTE The dimensions established by this standard are independent of the wall thickness of material employed, with the exception of the outside diameter (D), which is influenced by wall thickness; special provision is made for this (see Table 1).

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Dimensions in millimetres

**Key**

- 1 Type 1
- 2 Type 2
- 3 Type 3
- S Wall thickness
- D Outside diameter

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Figure 1 — Dimensions for valve cups suitable for 25,4 mm aperture metal aerosol containers

Table 1 — Dimensions for valve cups suitable for 25,4 mm aperture metal aerosol containers

Dimensions in millimetres

Wall thickness S	Outside Diameter D
0,25	32,50 ± 0,10
0,27	32,50 ± 0,10
0,28	32,50 ± 0,10
0,30	32,50 ± 0,10
0,40	32,50 ± 0,10
0,42	32,50 ± 0,10
0,50	32,90 ± 0,10
0,60	33,10 ± 0,10