

Materials and articles in contact with foodstuffs — Catering containers —

Part 2: Dimensions of accessories and supports

The European Standard EN 631-2:1999 has the status of a
British Standard

ICS 67.250

National foreword

This British Standard is the English language version of EN 631-2:1999. It supersedes BS EN 631-2:1995 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee CW/9, Cooking and catering containers, which has the responsibility to:

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Summary of pages

This document comprises a front cover, an inside front cover, the EN title page, pages 2 to 7 and a back cover.

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English version

**Materials and articles in contact with foodstuffs — Catering containers — Part 2:
Dimensions of accessories and supports**

Matériaux et objets en contact avec les denrées
alimentaires — Bacs pour la cuisine et le transport de
nourriture — Partie 2: Dimensions des accessoires et
des supports

Werkstoffe und Gegenstände in Kontakt mit
Lebensmitteln — Speisenbehälter — Teil 2: Maße
des Zubehörs und der Auflagen

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CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

Central Secretariat: rue de Stassart, 36 B-1050 Brussels

Foreword

This European Standard has been prepared by Technical Committee CEN/TC 194, Utensils in contact with food, the Secretariat of which is held by BSI.

This European Standard replaces EN 631-2:1995.

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of an identical text or by endorsement, at the latest by December 1999, and conflicting national standards shall be withdrawn at the latest by December 1999.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

Introduction

This European Standard is intended to rationalize the work routine in catering operations by creating a high level of interchangeability of kitchen elements. It is based on the Gastro-Norm modular system developed by the European Committee of Standards for Collective Housekeeping as the result of standardization activities by organizations of the gastronomy, hotel business and catering trade in Austria, Germany and Switzerland.

This part of this standard is concerned only with the dimensions of accessories and the dimensions of supports for catering containers and accessories.

1 Scope

This part of this European Standard specifies the dimensions of accessories such as dishwasher racks, trays, grids and cutting boards. It also specifies the dimensions of supports for flanged catering containers and accessories.

2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

EN 631-1, *Materials and articles in contact with foodstuffs — Catering containers — Part 1: Dimensions of containers.*

3 Definitions

For the purposes of this standard the following definitions apply.

3.1

support

area supporting inserted catering containers and/or accessories

3.2

adapter bar

bar allowing the insertion of standardized small insertion elements into larger standardized openings

4 Requirements

4.1 General

Accessories and supports shall be used together with catering containers in conformance with EN 631-1.

NOTE A minimum of 0,1 % of production should be monitored to ensure continuing compliance with the requirements of this standard.

All accessories and supports shall be constructed so that they do not allow permanent distortion in normal use. Accessories and supports shall be of such a shape that they can easily be cleaned.

4.2 Supporting surfaces

The horizontal distances between the supports for catering containers shall be as given in Table 1 and shown in Figure 1.

NOTE The drawing is for reference only. The shape is determined by the manufacturer.

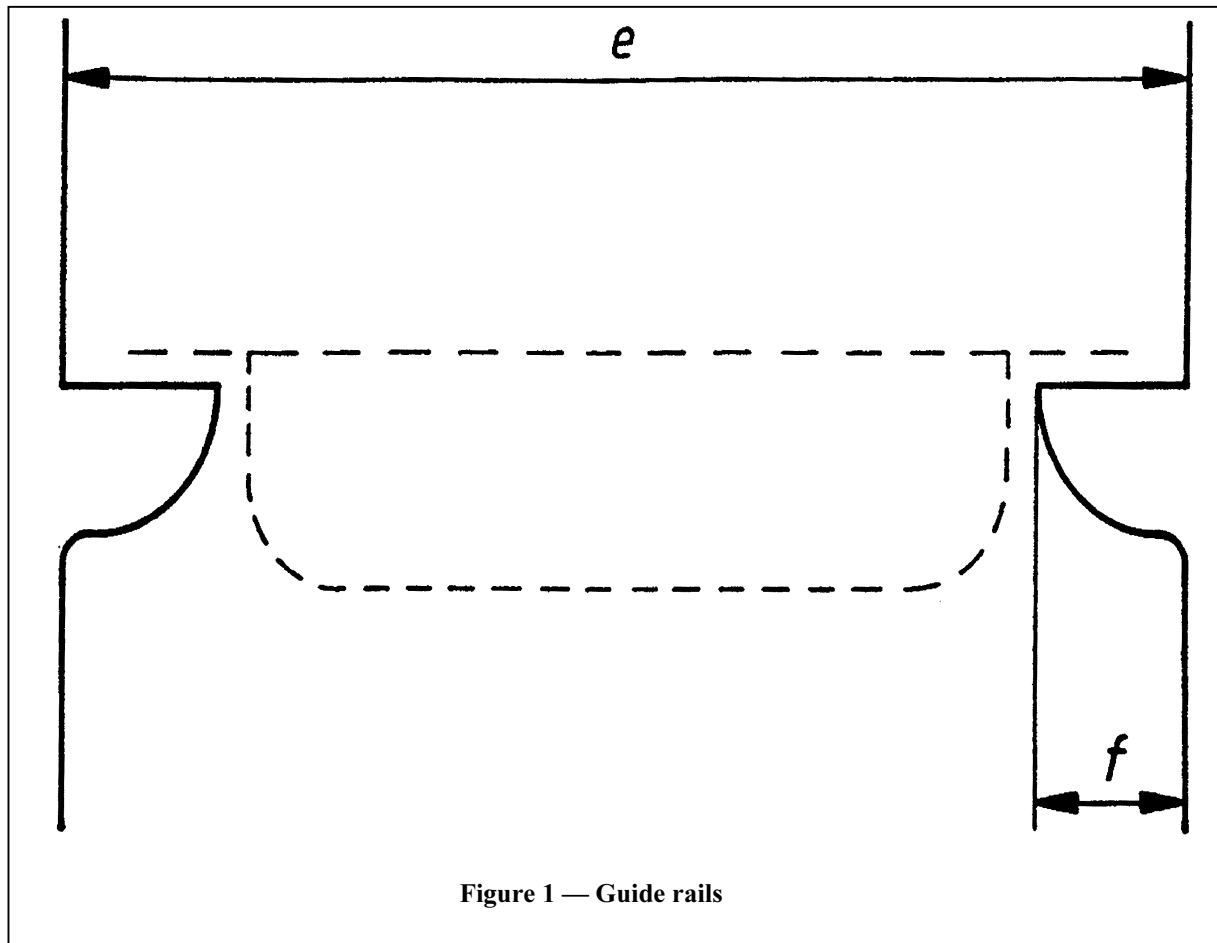


Table 1 — Dimensions of horizontal distances of guide rails

Nomenclature	Dimension mm	
	<i>e</i>	<i>f</i>
2/1, 1/1, 2/4	535	12
1/1, 2/3, 1/3, 2/8	330	12

The tolerances to be applied in the nominal dimensions given in Table 1 shall be as follows:

$^{+2}_{-1}$ mm for dimension *e*;
 $\pm 0,5$ mm for dimension *f*.

Dimensions *e* and *f*, see Table 1 and Figure 1, shall be as measured in the middle and at both ends of the supports using a measuring instrument accurate to 0,1 mm.

4.3 Openings and adapter bars

4.3.1 Openings

The dimensions of openings of working tables, bains-marie and mobile equipment for the insertion of catering containers shall be as given in Table 2 and shown in Figure 2.

NOTE The drawing is for reference only. The shape is determined by the manufacturer.

Table 2 — Dimensions of openings for standardized insertion elements

Nomenclature	Dimension mm		
	<i>g</i>	<i>k</i>	<i>r</i>
2/1	630	510	≤30
1/1	510	305	≤30

The tolerances to be applied in the nominal dimensions given in Table 2 shall be as follows:

- a) $\pm 1,5$ mm for dimension *g*;
- b) $\pm 1,5$ mm for dimension *k*.

Dimensions *g* and *k*, see Table 2 and Figure 2, shall be measured in the middle and at both ends of the supports using a measuring instrument accurate to 0,1 mm.

4.3.2 Adapter bars

The width of adapter bars shall be 22 mm. The tolerance to be applied to this nominal dimension shall be ± 1 mm.

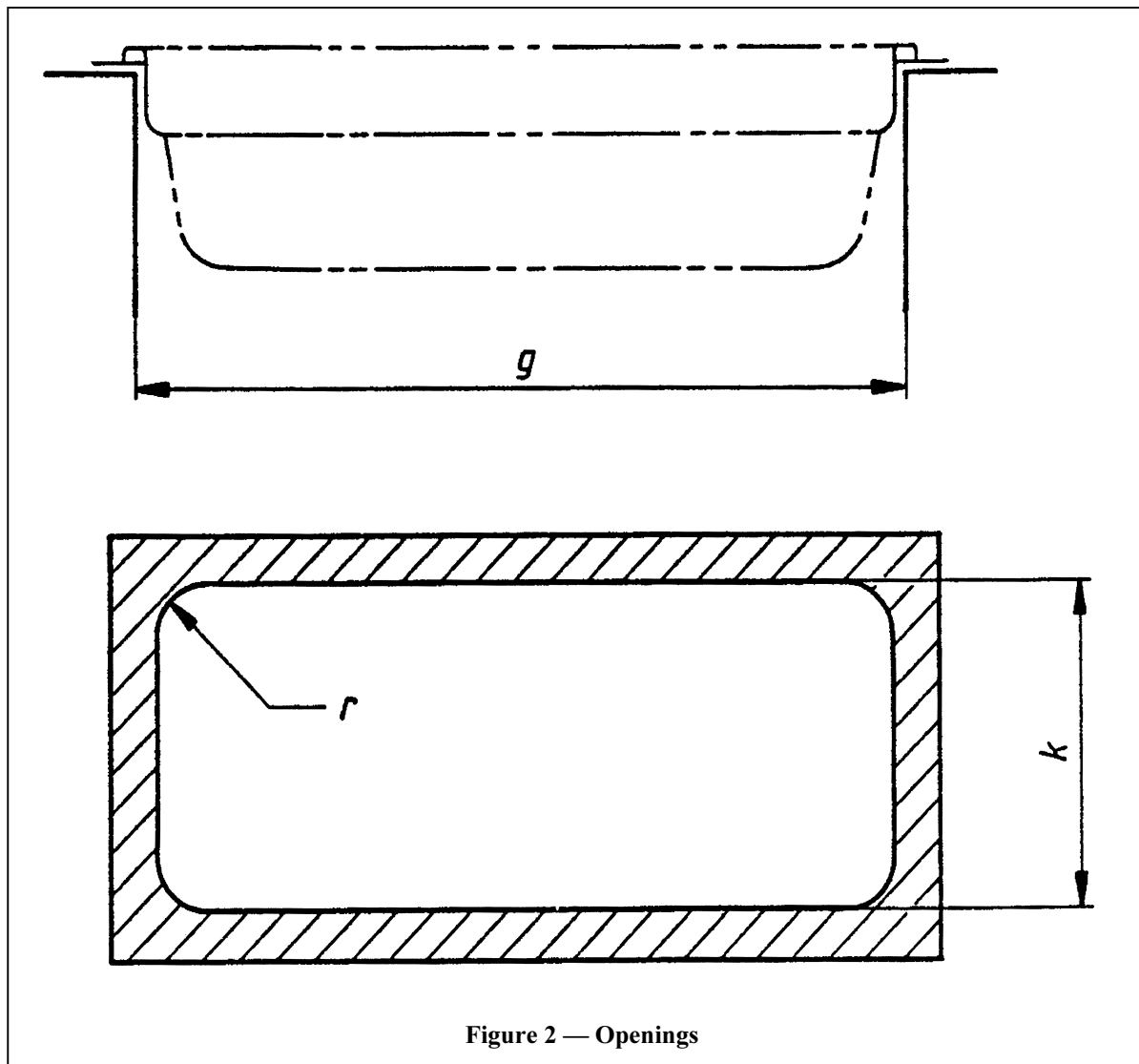


Figure 2 — Openings

4.4 Dimension of racks for dishes and glasses

a) Racks for dishes and glasses used in catering dishwashers shall have the nominal dimensions given in Figure 3 and Table 3.

NOTE 1 Due to the different application of the racks for dishes and glasses their height is not standardized.

NOTE 2 Racks with lateral guide rails can be inserted into units of the standardized insertion elements.

NOTE 3 Racks provided for washing trays of the standardized dimensions 1/1 may be open on one side or on two opposite sides.

b) Slide bars for racks shall have the dimensions given in Figure 4 and Table 3.

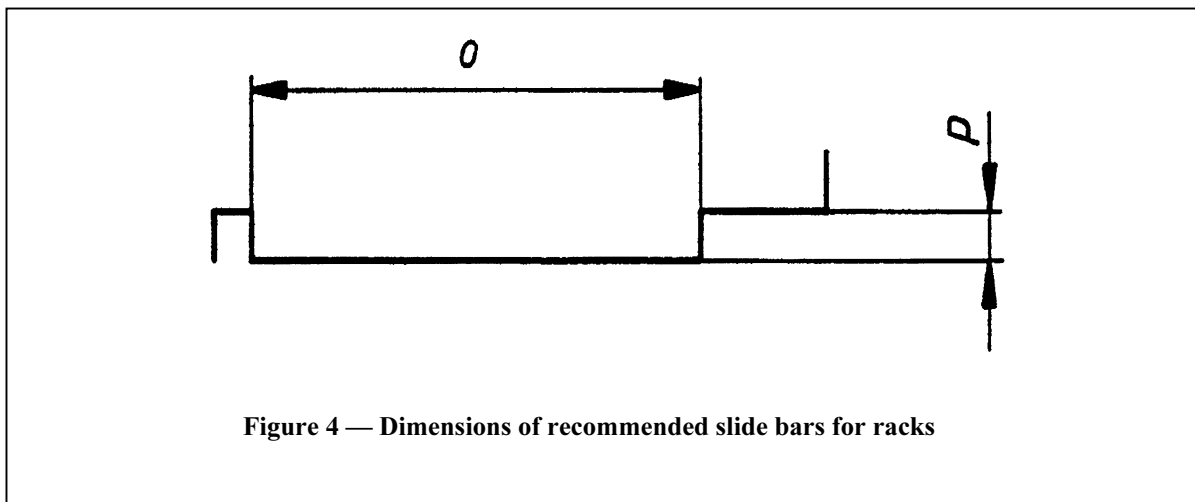
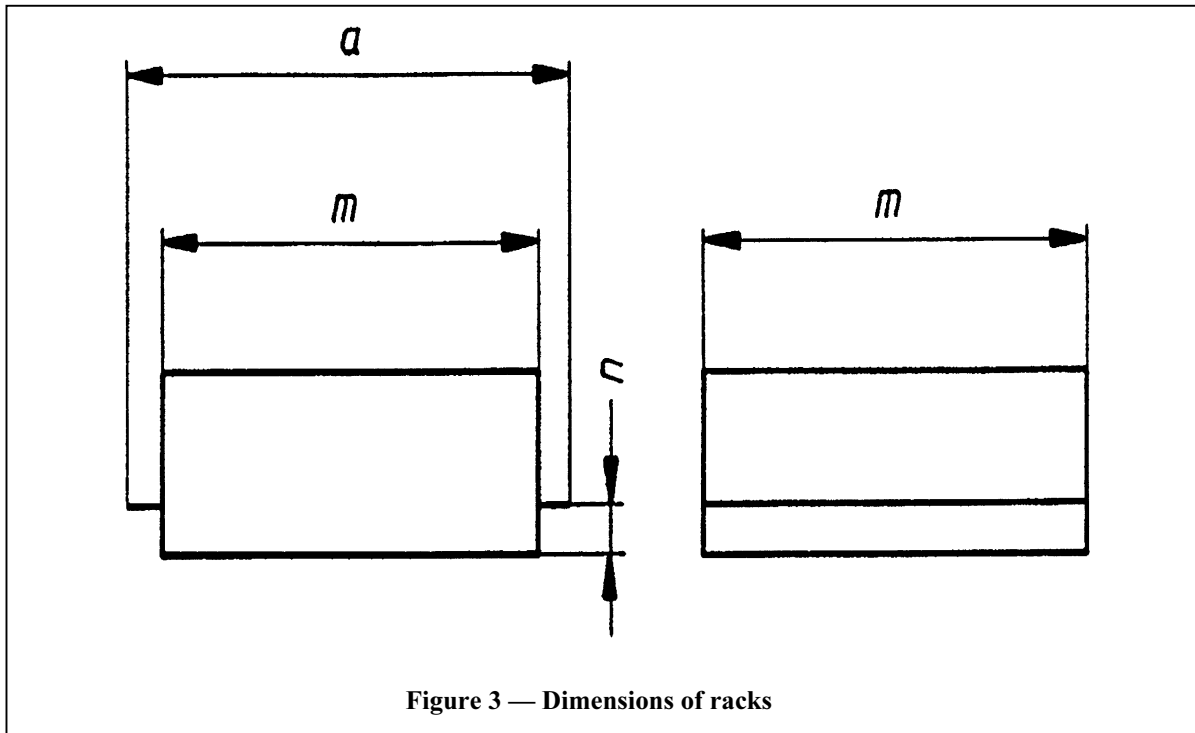


Table 3 — Nominal dimensions of racks and slide bars

Dimension mm				
<i>a</i>	<i>m</i>	<i>n</i>	<i>o</i>	<i>p</i>
530	500	35	510	≤30

The tolerances to be applied to the nominal dimensions given in Table 3 shall be as follows:

- a) ${}^0_{-2}$ mm for dimension *a*;
- b) ± 2 mm for dimensions *m* and *n*;
- c) ${}^{+2}_0$ mm for dimension *o*.

Dimensions *m* and *n*, see Figure 3, shall be measured in the middle and at both ends of the rack; dimensions *o* and *p*, see Figure 4, shall be measured every 500 mm in the length of the slide bar using a measuring instrument accurate to 0,1 mm.

4.5 Additional insertion elements

The outer dimensions of insertion elements like baking trays, grids and cutting boards shall conform to dimensions *a* and/or *b* of the containers (see EN 631-1).

5 Marking

Each accessory and part with supports shall be legibly, clearly, visibly and indelibly marked with the following:

- a) the supplier's name or other means of identification;
- b) the number of this European Standard, i.e. EN 631-2¹⁾;
- c) nomenclature, according to Table 1.

¹⁾ Such marking is a claim of compliance with EN 631-2 but does not imply CEN approval of the product; the accuracy of this claim is therefore solely the responsibility of the person applying the marking.

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