
**Series 1 freight containers —
Classification, dimensions and ratings**

*Conteneurs de la série 1 — Classification, dimensions et masses
brutes maximales*



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Contents

Page

Foreword	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Classification and designation	2
5 Dimensions, tolerances and ratings	3
5.1 Reference temperature for measurements.....	3
5.2 External dimensions, tolerances and ratings.....	3
5.3 Internal dimensions and door openings.....	4
5.4 Corner fitting locations.....	5
Annex A (normative) Corner fittings	7
Annex B (normative) Details of requirements for load transfer areas in base structures of containers	9
Annex C (normative) Dimensions of gooseneck tunnels	16

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2. www.iso.org/directives

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received. www.iso.org/patents

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

The committee responsible for this document is ISO/TC 104, *Freight containers*, Subcommittee SC 1 *General purpose containers*.

This sixth edition cancels and replaces the fifth edition (ISO 668:1995), which has been technically revised. It also incorporates the Amendments ISO 668:1995/Amd1:2005 and ISO 668:1995/Amd2:2005.

[Annex A](#) forms an integral part of this International Standard.

Series 1 freight containers — Classification, dimensions and ratings

1 Scope

This International Standard establishes a classification of series 1 freight containers based on external dimensions, and specifies the associated ratings and, where appropriate, the minimum internal and door opening dimensions for certain types of containers.

These containers are intended for intercontinental traffic.

This International Standard summarizes the external and some of the internal dimensions of series 1 containers. The dimensions of each type of container are defined in the appropriate part of ISO 1496, which is the authoritative document for internal container dimensions.

2 Normative references

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

ISO 830:1981, *Freight containers — Terminology*

ISO 1161, *Series 1 freight containers — Corner fittings — Specification*

ISO 1496-1, *Series 1 freight containers — Specification and testing — Part 1: General cargo containers for general purposes*

ISO 1496-2, *Series 1 freight containers — Specification and testing — Part 2: Thermal containers*

ISO 6346, *Freight containers — Coding, identification and marking*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 830:1981 and the following apply.

3.1

freight container

article of transport equipment

- a) of a permanent character and accordingly strong enough to be suitable for repeated use;
- b) specially designed to facilitate the carriage of goods by one or more modes of transport, without intermediate reloading;
- c) fitted with devices permitting its ready handling, particularly its transfer from one mode of transport to another;
- d) so designed as to be easy to fill and empty;
- e) having an internal volume of 1 m³ (35,3ft³) or more

Note 1 to entry: The term “freight container” does not include vehicles or conventional packing.