TECHNICAL REPORT

ISO TR 11761

First edition
1992-05-01

Light-gauge metal containers — Round open-top cans — Classification of can sizes by construction type

Emballages métalliques légers — Boîtes rondes serties — Classification par type de construction

Reference number
ISO/TR 11761:1992(E)

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 main task of technical committees is to prepare International Standards, but in exceptional circumstances a technical committee may propose the publication of a Technical Report of one of the following types:

— type 1, when the required support cannot be obtained for the publication of an International Standard, despite repeated efforts;

— type 2, when the subject is still under technical development or where for any other reason there is the future but not immediate possibility of an agreement on an International Standard;

— type 3, when a technical committee has collected data of a different kind from that which is normally published as an International Standard ("state of the art", for example).

Technical Reports of types 1 and 2 are subject to review within three years of publication, to decide whether they can be transformed into International Standards. Technical Reports of type 3 do not necessarily have to be reviewed until the data they provide are considered to be no longer valid or useful.

ISO/TR 11761, which is a Technical Report of type 3, was prepared by Technical Committee ISO/TC 52, *Light gauge metal containers*. It gives, for information, a list of can sizes standardized in ISO 10653 but classified by construction type.

NOTE — ISO 10653 specifies only nominal gross lidded capacities and nominal diameters.

International Organization for Standardization
Case Postale 56 • CH-1211 Genève 20 • Switzerland

Printed in Switzerland

Together with ISO 10653, ISO 10654, ISO/TR 11762 and ISO/TR 11776, this first edition of ISO/TR 11761 cancels and replaces ISO 3004-1:1986, ISO 3004-2:1989, ISO 3004-3:1986, ISO 3004-4:1986, ISO 3004-5:1988 and ISO 3004-6:1986.

Annex A of this Technical Report is for information only. It lists the can sizes previously standardized in ISO 3004-1, ISO 3004-2, ISO 3004-3 (except for sub-clause 3.1), ISO 3004-4, ISO 3004-5 and ISO 3004-6.

This page intentionally left blank

Light-gauge metal containers — Round open-top cans — Classification of can sizes by construction type

1 Scope

This Technical Report gives a list of nominal gross lidded capacities and nominal diameters for round open top cans presented by construction type.

2 References

ISO 90-1 Light gauge metal containers - Definitions and determination methods for dimensions and capacities - Part 1 : Open-top cans.

ISO 1361 Light gauge metal containers - Open-top cans - Round cans - Internal diameters.

ISO 10653 Light gauge metal containers - Round open-top cans - Cans defined by their nominal gross lidded capacities.

3 Designation of containers (types and construction)

The definitions, designations and special features of these types of containers (necked-in and/or step-sided) are given in ISO 90-1.

This Technical Report concerns the following containers :

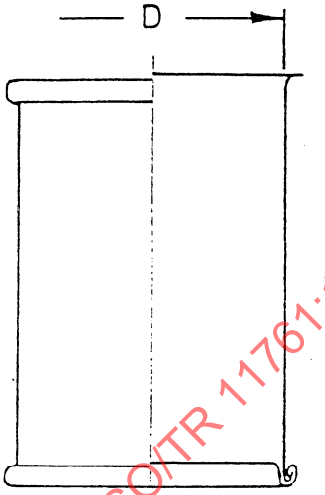
- 3 piece, straight-sided cans ;
- 3 piece, single necked-in cans ;
- 3 piece, tapered cans ;
- 2 piece, straight-sided cans ;
- 2 piece, step-sided cans ;
- 2 piece, tapered cans ;
- 2 piece, tapered, step-sided cans.

4 List of nominal gross lidded capacities and nominal diameters

4.1 Open top cans - Round - 3 piece, straight-sided

Table 1

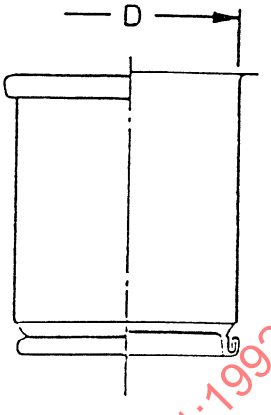
Nominal gross lidded capacity (ml)	Nominal diameter D (mm)
71	52
85	65, 73
106	65
125	73
142	52, 73
156	65
170	52, 83
198	73
212	65, 73, 83
228	73
236	65
314	65, 73, 99
403	73
425	73, 83, 99
446	73
580	83
636	99
850	
1 062	83, 99
1 275	99
1 700	99, 153
1 800	99
2 650	153
3 100	
4 250	
10 200	230



4.2 Open top cans - round - 3 piece, single-necked-in

Table 2

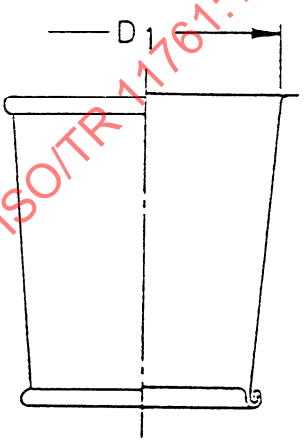
Nominal gross lidded capacity (ml)	Nominal diameter D (mm)
212	65
425	73, 83, 99
850	99
10 200	230



4.3 Open-top cans - round - 3 piece, tapered

Table 3

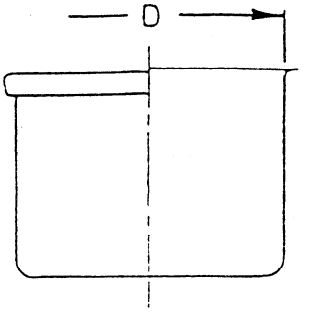
Nominal gross lidded capacity (ml)	Nominal diameter D1 (mm)
10 200	230



4.4 Open top cans - round - 2 piece, straight-sided

Table 4

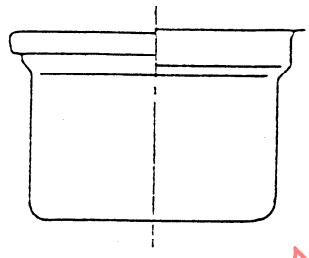
Nominal gross lidded capacity (ml)	Nominal diameter D (mm)
85	65
106	65
125	73
142	52
170	63, 83
198	73
212	63, 65, 73, 83
314	65, 99
403	73
425	73, 83, 99
446	73
580	83
850	99



4.5 Open top cans - round - 2 piece, step-sided

Table 5

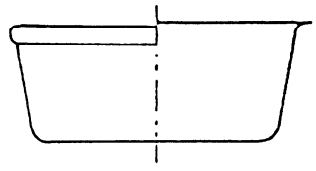
Nominal gross lidded capacity (ml)	Nominal diameter (mm)
71	63
85	63, 65, 73
125	73
142	73
170	83
212	63, 65, 73, 83
314	99
425	83, 99



4.6 Open top cans - round - 2 piece, tapered

Table 6

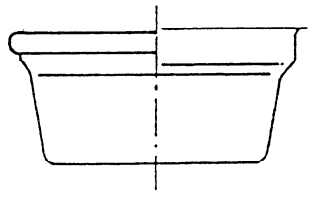
Nominal gross lidded capacity (ml)	Nominal diameter (mm)
125	73
425	99



4.7 Open top cans - round - 2 piece, tapered, step-sided

Table 7

Nominal gross lidded capacity (ml)	Nominal diameter (mm)
85	63
125	73
142	73
212	73, 83
314	99
425	99



Note : Calculation method for the nominal diameter : to be studied.

ANNEX A

Reference list

The following can sizes were standardized in the former ISO 3004 Standard but now these cans do not meet the required criteria to be standardized and incorporated in ISO 10653.

Table A.1

Volume \ Diameter	42	52	58	60	63	65	73	78	83	99	105	127	153	171	230
57					x										
60	x														
85		x													
106		x			x		x								
115			x												
125						x				x					
142					x	x									
170			x				x								
182							x								
198		x													
212		x													
228						x			x						
246									x						
250						x									
257				x											
275		x		x		x									
283							x		x	x					
296							x								
340		x					x								
355						x									
390						x				x					
446						x			x	x					
475							x			x					
492							x	x					x		
580							x								
620							x								
684											x				
720							x		x	x					
825									x						
850							x					x			
1 062											x				
1 100									x	x					
1 135											x				
1 455											x				
1 700												x			
2 160											x	x			
5 400														x	