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

iTeh STANDARD PREVIEW

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

ISO/TR 11761:1992 https://standards.iteh.ai/catalog/standards/sist/1a3bb9f4-4f94-48b9-aa88-6dcf7183ef8f/iso-tr-11761-1992



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 494-48b9-aa88-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 Technical Reports of type 3 do not necessarily have to be reviewed until the data they provide are considered to be no longer valid or useful.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.

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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.

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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.

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2 References

(standards.iteh.ai)

ISO 90-1 Light gauge metal containers - Definitions and determination methods for dimensions and learning candinates - Part 1:

Open-top cans. https://standards.iteh.ai/catalog/standards/sist/1a3bb9f4-4f94-48b9-aa88-6dcf7183ef8f/iso-tr-11761-1992

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.

ISO/TR 11761:1992(E)

- 4 List of nominal gross lidded capacities and nominal diameters
- 4.1 Open top cans Round 3 piece, straight-sided

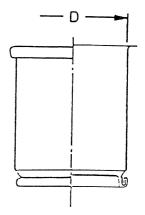
Table 1

(m1) (mm) 71 52 85 65, 73 106 65 125 73 142 52, 73 156 65 170 52, 83 198 73 212 176h 5 73, 83 228 51 170 73 140 140 140 140 140 140 140 140 140 140	Nominal gross lidded capacity	Nominal diameter	D _
85 65, 73 106 65 125 73 142 52, 73 156 65 170 52, 83 198 73 212 FANDARD PREVIEW 228 Standards, itel 236 65, 73, 83 245 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 3 100 153	(m1)	(mm)	
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142 52, 73 156 65 170 52, 83 198 73 212 iTch STANDARD PREVIEW 228 (standards.itel.ai) 236 65 314 https://standards.tel.aivati29.str/18.209.str/18.2	106	65	
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446 73 580 83 636 99 850 83, 99 1 062 83, 99 1 275 99 1 700 99, 153 1 800 99 2 650 3 100 153	403	6dci/183ei8i/iso-tr-11/61- 73	992
580 83 636 99 850 83, 99 1 062 83, 99 1 275 99 1 700 99, 153 1 800 99 2 650 3 100 3 100 153	425	73, 83, 99	
636 850 1 062 83, 99 1 275 99 1 700 99, 153 1 800 99 2 650 3 100 1 53	446	73	
850 1 062 83, 99 1 275 99 1 700 99, 153 1 800 99 2 650 3 100 153	580	83	
850 1 062 83, 99 1 275 99 1 700 99, 153 1 800 99 2 650 3 100 153	636	99	
1 275 99 1 700 99, 153 1 800 99 2 650 153	850		
1 700 99, 153 1 800 99 2 650 153	1 062	83, 99	
1 800 99 2 650 153	1 275	99	
2 650 3 100 153	1 700	99, 153	
3 100 153	1 800	99	
	2 650		
	3 100	153	
4 250	4 250		
10 200 230	10 200	230	

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

Table 2

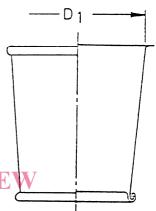
Nominal gross lidded capacity (m1)	Nominal diameter D (mm)			
212	65			
425	73, 83, 99			
850	99			
10 200	230			



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

Table 3

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

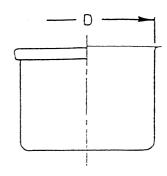


4.4 Open top cans - round - 2 piece, straight-sided (standards.iteh.ai)

Table 4

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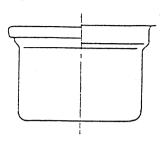
Nominal gross lidded capacity 6	i/c <mark>nolog/starplardi/asti/elelele</mark> le lcf7183ef8f/iso- p r-11761-1992	4-4f94-48b9-aa88-
(m1)	(mm)	
85	65	
106	65	
125	73	
142	52	
170	63, 83	
198	73	
212	63, 65, 73, 83	
314	65, 99	
403	73	
425	73, 83, 99	
446	73	
580	83	
850	99	



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

Table 5

Nominal gross lidded capacity	Nominal diameter				
(m1)	(mm)				
71	63				
85	63, 65, 73				
125	73				
142	73				
170	83				
212	63, 65, 73, 83				
314	99				
425	83, 99				



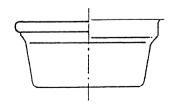
4.6 Open top cans - round - 2 piece, tapered iTeh STANDARD PREVIEW Table 6 (standards.iteh.ai)

Nominal gross lidded capacity	Nominal diameter ISO/TR 11761:1992	,
(m1) https://standards	iteh.ai/catalog/staydards/sist/1a 6dcf7183ef8f/iso-tr-11761	3bb9f (-4f94-48b9-ar 88- 1992
125	73	
425	99	

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

Table 7

Nominal gross lidded capacity	Nominal diameter			
(m1)	(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

Diameter Volume	42	52	58	60	63	65	73	78	83	99	105	127	153	171	230
57 60 85 106 115 125 142 170 182 198 212 228 246 250 257	х	x x	x x		x x	x x S S S S S S S S S S S S S S S S S S	h.ai/d	IS atalo	x 2/TR g/sta	<u>. 117</u> ndare	kD 61:199 ls/sist/	e h. : 2 1a3bb9)f4-4f9	11E 4-48b	W 9-aa88
275 283 296 340 355 390 446 475 492 580 620 684 720 825 850 1 062 1 100 1 135 1 455 1 700 2 160 5 400		x		х		X X X	A X X X X X X X X X X X X X X X X X X X	х.	x x x x	x x x x	x x x x	x x x	x	x	