



Hermetically sealed metal containers for food and drinks — Food cans for fish and other fishery products — Sections for non-round cans

Réipients métalliques étanches pour denrées alimentaires et boissons — Boîtes à conserves alimentaires pour poissons et autres produits de la pêche — Sections des boîtes non rondes

Technical Report ISO/TR 7423 was drawn up by technical committee ISO/TC 52, *Light metal containers*. The works of standardization on this subject was begun in 1977 and was put into the hands of the Ad-hoc group.

During its 8th meeting, held in Pretoria in June 1980, ISO/TC 52/SC 3 approved this draft proposal and asked that it be published as a technical report.

From the beginning of the works of standardization on sections of non-round cans, the committee members of the ISO/TC 52 /SC 3 asked that the obtained results be published not as an International Standard but as a Technical report.

The decision to publish the document as a technical report was justified by the following reasons :

- the quantities produced and the international exchange of non-round cans are less important than for round cans;
- thus the investment which would be represented for every country would be too expensive to produce an international standard on sections for non-round cans, taking into account of the production;
- however, it has seemed preferable for the committee members to recommend some sections. This list of sections should be a guide for countries which intend to manufacture or fill non-round cans with fish or fishery products.

1 Scope and field of application

This Technical Report gives a recommended range of sections for non-round cans for fish and other fishery products. These sections are related to the capacities.

All can measurements are given in accordance with the requirements of ISO 90.

NOTE — The sections are given only for rectangular cans, oval and obround cans.

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2 References

ISO 90, *Hermetically sealed metal food containers for food and drinks — Specifications.*

ISO/TR 7670, *Hermetically sealed metal containers for food and drinks — Food cans for fish and other fishery products — Capacities of round and non-round cans and related diameters of round cans.*

3 Sections of non-round cans for fish

NOTE — Preferred sizes are indicated in bold type and placed on the left-hand side of the column in tables 1 to 3.

3.1 Rectangular cans

Table 1 — Capacities and associated sections for rectangular cans

Capacity	Sections ± 1
ml	mm
50	99 x 46 81 x 56 96 x 43 100 x 58
75	99 x 46 105 x 60 105 x 76 105 x 73
92	105 x 76 105 x 60 87 x 49 105 x 73
	95 x 60
100	105 x 76 87 x 49 100 x 58
112	105 x 76
125	105 x 60 105 x 76 105 x 73 100 x 58
	107 x 75
142	105 x 76 126 x 55 105 x 60
187	99 x 46 105 x 76 155 x 55

Capacity	Sections ± 1
ml	mm
198	148 x 96
207	93 x 47
232	158 x 105
250	105 x 76 116,5 x 95 154 x 55
270	148 x 96 158 x 105 138 x 82
	105 x 76
335	116,5 x 95 93 x 47
377	160 x 101 196 x 55
	99 x 46 116,5 x 95
425	148 x 96
492	220 x 160 158 x 105
750	116,5 x 95 155 x 105
1 000	220 x 160

3.2 Oval cans

Table 2 — Capacities and associated sections of oval cans

Capacity	Sections ± 1
ml	mm
50	85 x 53
85	92 x 48
120	105 x 65
228	126 x 83 152 x 84
245	126 x 78 175 x 96
270	149 x 81 175 x 96
375	160 x 108
415	175 x 96
432	160 x 108 175 x 96
750	160 x 108

3.3 Obround cans

Table 3 — Capacities and associated sections for obround cans

Capacity	Sections ± 1
ml	mm
92	100 x 46
112	118 x 61 155 x 61 157 x 46
125	150 x 54
170	148 x 81
198	148 x 81 165 x 59
270	148 x 81
377	210 x 80 160 x 98
560	210 x 80