TECHNICAL REPORT 7423

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INTERNATIONAL ORGANIZATION FOR STANDARDIZATION•МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ•ORGANISATION INTERNATIONALE DE NORMALISATION

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

Récipients 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.

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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.

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

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— 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.

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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** 105 x 76 **158 x 105** **138 x 82**
335	**116,5 x 95** **93 x 47**
377	99 x 46 **160 x 101** 116,5 x 95 **196 x 55**
425	**148 x 96**
492	158 x 105 **220 x 160**
750	**116,5 x 95** 155 x 105
1 000	**220 x 160**

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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	175 x 96 160 x 108
750	160 x 108

3.3 Obround cans

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Table 3 — Capacities and associated sections for obround cans

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Capacity	Sections ± 1
ml	mm
92	100 x 46
112	118 x 61 157 x 46 155 x 61
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

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