

INTERNATIONAL  
STANDARD

**ISO**  
**2037**

Second edition  
1992-12-15

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**Stainless steel tubes for the food industry**

*Tubes en acier inoxydable pour l'industrie alimentaire*



Reference number  
ISO 2037:1992(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.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 2037 was prepared by Technical Committee ISO/TC 5, *Ferrous metal pipes and metallic fittings*, Sub-Committee SC 1, *Steel tubes*.

This second edition cancels and replaces the first edition (ISO 2037:1980), the table of which has been technically revised.

Annex A of this International Standard is for information only.

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# Stainless steel tubes for the food industry

## 1 Scope

This International Standard specifies the dimensions, tolerances, surface roughness, materials and hygienic requirements for seamless or welded stainless steel tubes in straight lengths for the food industry.

## 2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 468:1982, *Surface roughness — Parameters, their values and general rules for specifying requirements.*

ISO 5252:1991, *Steel tubes — Tolerance systems.*

## 3 Dimensions

The dimensions given in table 1 have been extracted from ISO 1127:1992, series 1 and 2 outside diameter. For further information concerning the series, see also ISO 4200.

Table 1

Dimensions in millimetres

Tube outside diameter	Thickness
12	1
12,7	1
17,2	1
21,3	1
25	1,2; 1,6
33,7	1,2; 1,6
38	1,2; 1,6
40	1,2; 1,6
51	1,2; 1,6
63,5	1,6
76	1,6
76,1	1,6
88,9	2
101,6	2
114,3	2
139,7	2
168,3	2,6
219,1	2,6
273	2,6
323,9	2,6
355,6	2,6
406,4	3,2