

Transformed

ISO

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

ISO RECOMMENDATION
R 737

CONIFEROUS SAWN TIMBER
SIZES – METHODS OF MEASUREMENT

1st EDITION
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BRIEF HISTORY

The ISO Recommendation R 737, *Coniferous sawn timber – Sizes – Methods of measurement*, was drawn up by Technical Committee ISO/TC 55, *Sawn timber*, the Secretariat of which is held by the Komitet Standartov, Mer i Izmeritel'nyh Priborov pri Sovete Ministrov S.S.S.R. (GOST).

Work on this question by the Technical Committee began in 1956 and led, in 1963, to the adoption of a Draft ISO Recommendation.

In November 1965, this Draft ISO Recommendation (No. 874) was circulated to all the ISO Member Bodies for enquiry. It was approved, subject to a few modifications of an editorial nature, by the following Member Bodies :

Australia	India	Romania
Belgium	Ireland	South Africa, Rep. of
Canada	Israel	Spain
Czechoslovakia	Italy	Sweden
Denmark	Japan	Turkey
Finland	Netherlands	U.A.R.
France	New Zealand	United Kingdom
Germany	Poland	U.S.S.R.
Hungary	Portugal	Yugoslavia

One Member Body opposed the approval of the Draft :

Austria

The Draft ISO Recommendation was then submitted by correspondence to the ISO Council, which decided, in May 1968, to accept it as an ISO RECOMMENDATION.

CONIFEROUS SAWN TIMBER

SIZES — METHODS OF MEASUREMENT

1. SCOPE

- 1.1 This ISO Recommendation defines methods of measurement of thickness, width, length and volume of coniferous sawn timber.
- 1.2 The ISO Recommendation covers unplanned square-edged and unedged coniferous sawn timber.

2. METHODS OF MEASUREMENT

- 2.1 The length of sawn timber is the minimum distance between its ends, sawn (conventionally) perpendicularly to the longitudinal axis of a piece.
- 2.2 The width of sawn timber is measured in the following way :
 - (a) square-edged timber with parallel edges : at any place on the length of sawn timber where there is no wane, but not less than 150 mm (5.9055 in) from the ends;
 - (b) square-edged timber with tapered edges : in the middle of the face length of sawn timber and at a place where there is no wane;
 - (c) unedged timber : in the middle of the length of sawn timber; the width is expressed as half the sum of the widths of both faces in the case of sawn timber of 40 mm (1.5748 in) and greater in thickness; in the case of sawn timber less than 40 mm (1.5748 in) thick, the width is measured on the narrow face.

Measurements of the width of sawn timber given in clause 2.2 (b) and (c) above are rounded up or down to the nearest multiple of 10 mm (0.3937 in), with 5 mm (0.1968 in) rounded to the multiple of 10 mm (0.3937 in) above.

- 2.3 The thickness of sawn timber is measured at any place on the length of the piece, but not less than 150 mm (5.9055 in) from the ends.
- 2.4 The volume of each piece of sawn timber is the product of the nominal thickness, width and length of sawn timber, expressed in the same units of measurement.
- 2.5 The volume of a lot of sawn timber is calculated to the nearest 0.001 m³ (0.0353 ft³).

3. REFERENCES TO OTHER ISO RECOMMENDATIONS

- 3.1 ISO Recommendation R . . .,* *Coniferous sawn timber — Sizes — Terms and definitions.*
- 3.2 ISO Recommendation R 370, *Conversion of toleranced dimensions from inches into millimetres and vice versa.*

* At present Draft ISO Recommendation No. 1259.