

# INTERNATIONAL STANDARD

**ISO**  
**8904**

First edition  
1990-12-01

---

---

## **Broadleaved sawn timber — Sizes — Methods of measurement**

**iTeh STANDARD PREVIEW**  
*Sciages de bois feuillus — Dimensions — Méthodes de mesurage*  
**(standards.iteh.ai)**

[ISO 8904:1990](https://standards.iteh.ai/catalog/standards/sist/5e25468c-5193-4f0a-9a99-71c79bf4695e/iso-8904-1990)

<https://standards.iteh.ai/catalog/standards/sist/5e25468c-5193-4f0a-9a99-71c79bf4695e/iso-8904-1990>



Reference number  
ISO 8904:1990(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 8904 was prepared by Technical Committee ISO/TC 55, *Sawn timber and sawlogs*.

**ITeh STANDARD PREVIEW**  
(standards.iteh.ai)  
<https://standards.iteh.ai/catalog/standards/sist/5e25468c-5193-4f0a-9a99-71c79bf4695e/iso-8904-1990>

© ISO 1990

All rights reserved. No part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from the publisher.

International Organization for Standardization  
Case Postale 56 • CH-1211 Genève 20 • Switzerland

Printed in Switzerland

# Broadleaved sawn timber — Sizes — Methods of measurement

## 1 Scope

This International Standard specifies the methods of measurement of the length, width, thickness and volume of broadleaved sawn timber.

It is applicable to unplanned, square-edged and un-edged broadleaved sawn timber.

## 2 Normative reference

The following standard contains provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the edition indicated was 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 edition of the standard indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 1032:1974, *Coniferous sawn timber — Sizes — Terms and definitions*.

## 3 Definitions

For the purposes of this International Standard, the definitions given in ISO 1032 apply.

## 4 Methods of measurement

**4.1** The length of sawn timber shall be measured as the minimum distance between its ends, which are sawn (conventionally) perpendicularly to the longitudinal axis of the sawn timber.

**4.2** The width of sawn timber shall be measured as follows:

- a) for square-edged sawn timber with parallel edges: at any place along the length of sawn timber where there is no wane, but not less than 150 mm from one of the ends;
- b) for square-edged sawn timber with tapered edges: at the mid-length of the face of sawn timber and at a place where there is no wane;
- c) for unedged sawn timber: on both faces, in the middle of the sawn timber length; the width shall be determined as the average of the widths of both faces. The bark shall be disregarded when measuring the width;
- d) for unedged sawn timber of thickness less than 40 mm: along the narrower of the two faces in the middle of the sawn timber length.

Quantities shall be rounded off to the nearest multiple of 10 mm.

**4.3** The thickness of sawn timber may be measured at any place along the length of the sawn timber, but not less than 150 mm from one of the ends.

**4.4** The volume of each piece of sawn timber shall be calculated as the product of the nominal thickness, nominal width and nominal length of the sawn timber, expressed in the same units of measurement.

**4.5** The volume of a lot of sawn timber shall be calculated to the nearest of 0,001 m<sup>3</sup>.

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

ISO 8904:1990

<https://standards.iteh.ai/catalog/standards/sist/5e25468c-5193-4f0a-9a99-71c79bf4695e/iso-8904-1990>

---

---

**UDC 674.031:531.7**

**Descriptors:** wood, sawn timber, dimensional measurements.

Price based on 1 page

---

---