

Terminology and designation of the profile shape of woodworking saw teeth

[ISO title: Saw teeth for woodworking saws — Profile shape —
Terminology and designation]

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Committees responsible for this British Standard

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- British Hacksaw and Bandsaw Manufacturers' Association
- British Woodworking Federation
- Department of the Environment (Building Research Establishment, Princes Risborough Laboratory)
- Gauge and Tool Makers' Association
- National Sawmilling Association

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National foreword

This British Standard has been prepared under the direction of the Mechanical Engineering Standards Committee and is identical with ISO 7294 “*Saw teeth for woodworking saws — Profile shape — Terminology and designation*” which was prepared by Technical Committee ISO/TC 29, Small tools, and published in 1983 by the International Organization for Standardization (ISO).

For ease of production the French text in the main body of the International Standard has been retained but Annexe B (French terms) and Annex C (Italian terms) have been deleted as inappropriate in a British Standard.

Terminology and conventions. The text of the International Standard has been approved as suitable for publication as a British Standard without deviation. Some terminology and certain conventions are not identical with those used in British Standards; attention is drawn especially to the following.

Where the words “International Standard” appear, referring to this standard, they should be read as “British Standard”.

Cross-reference. The British Standard, BS 5533-1, identical with ISO 3002-1, referred to in clause 2, has been withdrawn as obsolete. Since the ISO standard is referred to for information only, the validity of this standard is not affected.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, pages 1 to 8, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

1 Scope and field of application

This International Standard provides a terminology of elements of the profile shape of saw teeth for woodworking and establishes a designation system for the profile shape of saw teeth.

It is not intended to standardize certain tooth types.

This International Standard deals with saw blades for hand saws or machine saws for woodworking.

The designation system established in this International Standard is not applicable to saw blades with hard metal tips.

Annex A gives the English terms defined in this International Standard, listed in alphabetical order, and the equivalent French terms.

NOTE — In addition to the terms given in two of the three official ISO languages (English and French), this International Standard gives the equivalent terms in Italian in annex C; these have been included at the request of Technical Committee ISO/TC 29, and are published under the responsibility of the member body for Italy (UNI). However, only the terms given in the official languages can be considered as ISO terms.

2 Reference

ISO 3002/1, *Basic quantities in cutting and grinding — Part 1 : Geometry of the active part of cutting tools — General terms, reference systems, tool and working angles, chip breakers.*

1 Objet et domaine d'application

La présente Norme internationale donne la terminologie des éléments du profil de la denture des lames de scies à bois et établit un système de désignation pour la forme du profil de la denture.

Elle n'a pas pour but de normaliser certains types de dentures.

La présente Norme internationale est applicable aux lames de scies à bois qu'elles soient à main ou à machine.

Le système de désignation établi par la présente Norme internationale n'est pas applicable aux lames de scies à plaquettes brasées.

L'annexe B donne l'index alphabétique des termes français présentés dans la présente Norme internationale, ainsi que les termes équivalents en anglais.

NOTE — En supplément aux termes donnés dans deux des trois langues officielles de l'ISO (anglais et français), la présente Norme internationale donne dans l'annexe C les termes équivalents en italien; ces termes ont été inclus à la demande du comité technique ISO/TC 29, et sont publiés sous la responsabilité du comité membre de l'Italie (UNI). Toutefois, seuls les termes donnés dans les langues officielles peuvent être considérés comme termes ISO.

2 Référence

ISO 3002/1, *Définitions de base pour la coupe et la rectification — Partie 1 : Géométrie de la partie active des outils coupants — Notions générales, systèmes de référence, angles de l'outil et angles en travail, brise-copeaux.*