

Tools for woodworking - Safety requirements - Part 1:
Milling tools, circular saw blades

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

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English Version

Tools for woodworking - Safety requirements - Part 1: Milling tools, circular saw blades

Outils pour le travail du bois - Prescriptions de sécurité
- Partie 1 : Outils de fraisage, lames de scies circulaires

Maschinen-Werkzeuge für Holzbearbeitung -
Sicherheitstechnische Anforderungen - Teil 1: Fräs-
und Hobelwerkzeuge, Kreissägeblätter

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

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European foreword

This document (EN 847-1:2017) has been prepared by Technical Committee CEN/TC 142 "Woodworking machines - Safety", the secretariat of which is held by UNI.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by May 2018, and conflicting national standards shall be withdrawn at the latest by May 2018.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

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Introduction

The extent to which hazards are covered is indicated in the scope of this document.

The requirements of this document concern designers, manufacturers, suppliers and importers of tools for cutting wood and materials with similar physical characteristics to wood.

This document also includes information that the manufacturer will provide to the user.

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1 Scope

This European Standard specifies all hazards arising from the use of tools for woodworking machines, and describes the methods for the elimination or reduction of these hazards by tool design and by the provision of information. This European Standard deals with milling tools (bore mounted, shank mounted) and circular saw blades, designed for chip removal machining (cutting) of wood and materials with similar physical characteristics to wood, hereinafter referred to as “tools”. The hazards are listed in Clause 4.

This European Standard does not cover any hazard related to the strength of shank of shank mounted milling tools.

This European Standard does not apply to boring bits, eccentric single router cutters, cutters with cutting circle less than 16 mm and to tools used in rotary knife lathes and copying lathes where the hazard of ejection and contact with the tool is always prevented by a system of fixed guards and/or movable guards interlocked with guard-locking and/or self-closing guards.

This European Standard is not applicable for tools according to this scope, which are manufactured before the date of its publication.

NOTE For woodworking machines and materials with similar physical characteristics to wood, see ISO 19085-1.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 847-2:2017, *Tools for woodworking - Safety requirements - Part 2: Requirements for the shank of shank mounted milling tools*

EN 23878, *Hardmetals - Vickers hardness test (ISO 3878)*

ISO 286-2, *Geometrical product specifications (GPS) — ISO code system for tolerances on linear sizes — Part 2: Tables of standard tolerance classes and limit deviations for holes and shafts*