

Tools for woodworking — Safety requirements —

Part 2: Requirements for the shank of shank-mounted milling tools

The European Standard EN 847-2:2001 has the status of a
British Standard

ICS 79.120.10

National foreword

This British Standard is the official English language version of EN 847-2:2001, including Corrigendum March 2003.

The UK participation in its preparation was entrusted to Technical Committee MTE/23, Woodworking machinery — Safety, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

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Cross-references

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This British Standard, having been prepared under the direction of the Engineering Sector Committee, was published under the authority of the Standards Committee and comes into effect on 15 May 2001

Summary of pages

This document comprises a front cover, an inside front cover, the EN title page, pages 2 to 8 an inside back cover and a back cover.

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Amendments issued since publication

Amd. No.	Date	Comments
14384 Corrigendum No. 1	26 February 2003	Correction to equation in Clause 6
14701 Corrigendum No. 2	6 November 2003	Indicated by a sideline in the margin

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English version

Tools for woodworking — Safety requirements —
Part 2: Requirements for the shank of shank-mounted
milling tools

Outils pour le travail du bois — Prescriptions de sécurité —
Partie 2: Prescriptions pour les queues des fraises à queue

Maschinen-Werkzeuge für Holzbearbeitung —
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Teil 2: Anforderungen für den Schaft von Fräswerkzeugen

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COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

Management Centre: rue de Stassart, 36 B-1050 Brussels

Foreword

This European Standard has been prepared by Technical Committee CEN/TC 142, Woodworking machines — Safety, the Secretariat of which is held by BSI.

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 September 2001, and conflicting national standards shall be withdrawn at the latest by September 2001.

This European Standard has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association. This European Standard is considered to be a supporting standard to those application and product standards which in themselves support an essential safety requirement of a New Approach Directive and which make reference to this European Standard.

Annex A is normative and Annex B is informative.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

Introduction

The content of this standard is aimed at eliminating hazards which can lead to overloading of the shank of shank-mounted milling tools for woodworking by excessive rotational speeds.

1 Scope

This European Standard specifies the determination of the maximum speed for given eccentricity at clamping devices for the shank strength of milling tools with cylindrical shank and marking of the tool. It applies to shank-mounted milling tools for woodworking irrespective of whether they are mounted perpendicularly or horizontally.

This standard complements EN 847-1.

2 Normative references

This European Standard incorporates, by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references, the latest edition of the publication referred to applies (including amendments).

EN 847-1	<i>Tools for woodworking — Safety requirements — Part 1: Milling tools and circular saw blades.</i>
EN 1050	<i>Safety of machinery — Principles for risk assessment.</i>
ISO 1940-1	<i>Mechanical vibration — Balance quality requirements of rigid rotors — Part 1: Determination of permissible residual unbalance.</i>