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BSI Standards Publication

Tools for woodworking - Safety requirements

Part 1: Milling tools, circular saw blades

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National foreword

This British Standard is the UK implementation of EN 847-1:2017. It supersedes BS EN 847-1:2013, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee MTE/23, Woodworking machines.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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Contents

Page

European foreword ... 3

Introduction ... 4

1 Scope ... 5

2 Normative references ... 5

3 Terms, definitions, symbols and abbreviations ... 6
3.1 Terms and definitions ... 6
3.2 Symbols and abbreviations for cutting materials ... 11

4 List of significant hazards ... 14

5 Design requirements ... 14
5.1 General requirements for milling tools and circular saw blades ... 14
5.2 Special requirements for milling tools for machines with hand feed ... 22

6 Tool identification ... 28
6.1 Marking of milling tools for integrated feed other than shank mounted tools or integrated tools ... 28
6.2 Marking of milling tools for machines with hand feed other than shank mounted tools or integrated tools ... 28
6.3 Marking of integrated tools ... 28
6.4 Marking of shank mounted tools ... 29
6.5 Marking of tool sets ... 29
6.6 Marking of circular saw blades ... 30
6.7 Marking of cutting parts and deflectors ... 30

7 Information for use ... 31
7.1 General ... 31
7.2 Safe working practice ... 31
7.3 Maintenance of tools ... 32
7.4 Handling ... 32

Annex A (informative) Maintenance and modification of milling tools and related components ... 34

A.1 General ... 34

A.2 Minimum dimensions ... 34

A.3 Retipping, exchange of tips on composite tools and circular saw blades ... 34

A.4 Milling tools marked with MAN ... 34

A.5 Balance of milling tools ... 34

A.6 Marking ... 34

A.7 Information ... 34

Annex B (normative) Palmqvist Toughness Test ... 35

Bibliography ... 36

This is a preview of "BS EN 847-1:2017". Click here to purchase the full version from the ANSI store.

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*