

DIN EN 847-1



ICS 79.120.10

Supersedes
DIN EN 847-1:2013-12

**Tools for woodworking –
Safety requirements –
Part 1: Milling tools, circular saw blades;
English version EN 847-1:2017,
English translation of DIN EN 847-1:2018-01**

Maschinen-Werkzeuge für Holzbearbeitung –
Sicherheitstechnische Anforderungen –
Teil 1: Fräs- und Hobelwerkzeuge, Kreissägeblätter;
Englische Fassung EN 847-1:2017,
Englische Übersetzung von DIN EN 847-1:2018-01

Outils pour le travail du bois –
Prescriptions de sécurité –
Partie 1: Outils de fraisage, lames de scies circulaires;
Version anglaise EN 847-1:2017,
Traduction anglaise de DIN EN 847-1:2018-01

Document comprises 40 pages

Translation by DIN-Sprachendienst.

In case of doubt, the German-language original shall be considered authoritative.

A comma is used as the decimal marker.

Start of application

The start of application of this standard is 2018-01-01.

National foreword

This standard includes safety requirements.

This document (EN 847-1:2017) has been prepared by Technical Committee CEN/TC 142 “Woodworking machines — Safety” (Secretariat: UNI, Italy).

The responsible German body involved in its preparation was *DIN-Normenausschuss Werkzeuge und Spannzeuge* (DIN Standards Committee Tools and Clamping Devices), Working Committee NA 121-01-18 AA “Safety of woodworking tools”.

DIN EN 847 consists of the following parts, under the general title *Tools for woodworking — Safety requirements*:

- *Part 1: Milling tools, circular saw blades*
- *Part 2: Requirements for the shank of shank mounted milling tools/circular saw blades*
- *Part 3: Clamping devices*

The DIN documents corresponding to the international documents referred to in this document are as follows:

ISO 286-2	DIN ISO 286-2
ISO 513	DIN ISO 513
ISO 1940-1	DIN ISO 1940-1
ISO 19085	DIN EN ISO 19085
ISO 21940-32	DIN ISO 21940-32

Amendments

This standard differs from DIN EN 847-1:2013-12 as follows:

- a) terms and definitions in Clause 3 have been updated and extended;
- b) requirements for the balancing of tools and minimum requirements for the balance quality have been revised;
- c) Table 5 “Symbols, Descriptions and Units” has been included;
- d) the standard has been editorially revised.

Previous editions

DIN 8085: 1975-03
DIN 8085 Supplement: 1975-03
DIN EN 847-1: 1997-07, 2005-07, 2007-11, 2013-12

National Annex NA
(informative)

Bibliography

DIN EN ISO 19085-1, *Woodworking machines — Safety — Part 1: Common requirements*

DIN EN 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*

DIN ISO 513, *Classification and application of hard cutting materials for metal removal with defined cutting edges — Designation of the main groups and groups of application*

DIN ISO 1940-1, *Mechanical vibration — Balance quality requirements for rotors in a constant (rigid) state — Part 1: Specification and verification of balance tolerances*

DIN ISO 21940-32, *Mechanical vibration — Rotor balancing — Part 32: Shaft and fitment key convention*