

DIN EN 1176-5



ICS 97.200.40

Supersedes
DIN EN 1176-5:2008-08 and
DIN EN 1176-5 Corrigendum
1:2008-12

**Playground equipment and surfacing –
Part 5: Additional specific safety requirements and test methods for
carousels;
English version EN 1176-5:2019,
English translation of DIN EN 1176-5:2019-12**

Spielplatzgeräte und Spielplatzböden –
Teil 5: Zusätzliche besondere sicherheitstechnische Anforderungen und Prüfverfahren für
Karussells;
Englische Fassung EN 1176-5:2019,
Englische Übersetzung von DIN EN 1176-5:2019-12

Équipements et sols d'aires de jeux –
Partie 5: Exigences de sécurité et méthodes d'essai complémentaires spécifiques aux
manèges;
Version anglaise EN 1176-5:2019,
Traduction anglaise de DIN EN 1176-5:2019-12

Document comprises 23 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 2019-12-01.

For DIN EN 1176-5:2008-08 there is a transition period ending on 2020-04-30.

National foreword

This standard includes safety requirements within the meaning of the *Produktsicherheitsgesetz (ProdSG)* (German Product Safety Act).

This document (EN 1176-5:2019) has been prepared by Technical Committee CEN/TC 136 “Sports, playground and other recreational facilities and equipment” (Secretariat: DIN, Germany).

The responsible German body involved in its preparation was *DIN-Normenausschuss Sport- und Freizeitgerät* (DIN Standards Committee Sports Equipment), Working Committee NA 112-07-01 AA “Playground equipment”.

Where this standard has been identified by the *Ausschuss für Produktsicherheit* (German Committee for Product Safety) and reference to it has been published in the *Gemeinsames Ministerialblatt* (German Joint Ministerial Gazette) by the *Bundesanstalt für Arbeitsschutz und Arbeitsmedizin (BAuA)* (German Federal Institute for Occupational Safety and Health), it is to be presumed that carousels which comply with this standard fulfil the relevant health and safety requirements. A transition period which might be specified in the start of application of this document is not a critical factor for the effectiveness of such presumption of conformity.

Amendments

This standard differs from DIN EN 1176-5:2008-08 and DIN EN 1176-5 Corrigendum 1:2008-12 as follows:

- a) the document covers equipment of all sizes where rotating is the main function;
- b) information is presented in Table 1 to improve readability;
- c) requirements for entrapment apply to all openings regardless of their heights;
- d) user stations are tested with a protrusion ring;
- e) type-specific changes:
 - a requirement for the maximum axis inclination is given only to type B carousels;
 - a tolerance is allowed for the roundness of the carousel’s platform edge;
 - requirements for bowl-like carousels have been added;
 - requirements for free standing carousels with a diameter of less than 500 mm have been added;
- f) changes concerning layout: a layout recommendation is given for type C carousels;
- g) impact areas of type D and type F carousels are allowed to overlap with other impact areas.

Previous editions

DIN 7926-5: 1984-07

DIN EN 1176-5: 1998-12, 2003-07, 2008-08

DIN EN 1176-5/A1: 2002-07

DIN EN 1176-5 Corrigendum 1: 2008-12