



NSAI
Standards

Irish Standard
I.S. EN 12526:1999

Castors and wheels - Vocabulary, recommended symbols and multilingual dictionary

© CEN 1999

No copying without NSAI permission except as permitted by copyright law.

I.S. EN 12526:1999

Incorporating amendments/corrigenda issued since publication:

The National Standards Authority of Ireland (NSAI) produces the following categories of formal documents:

I.S. xxx: Irish Standard – national specification based on the consensus of an expert panel and subject to public consultation.

S.R. xxx: Standard Recommendation - recommendation based on the consensus of an expert panel and subject to public consultation.

SWiFT xxx: A rapidly developed recommendatory document based on the consensus of the participants of an NSAI workshop.

This document replaces:

This document is based on:
EN 12526:1998

Published:
12 March, 1999

This document was published under the authority of the NSAI and comes into effect on:
12 March, 1999

ICS number:
01.040.21
01.080.30
21.180
97.140

NSAI
1 Swift Square,
Northwood, Santry
Dublin 9

T +353 1 807 3800
F +353 1 807 3838
E standards@nsai.ie
W NSAI.ie

Sales:
T +353 1 857 6730
F +353 1 857 6729
W standards.ie

Údarás um Chaighdeáin Náisiúnta na hÉireann

I.S. EN 12526:1999

EUROPEAN STANDARD

EN 12526

NORME EUROPÉENNE

EUROPÄISCHE NORM

September 1998

ICS 01.040.21; 01.080.30; 21.180; 97.140

Descriptors: wheels, castors, vocabulary, technical vocabulary, multilingual nomenclature, graphic symbols

English version

Castors and wheels - Vocabulary, recommended symbols and multilingual dictionary

Roues et roulettes - Vocabulaire, symboles recommandés
et dictionnaire multilingue

Räder und Rollen - Vokabular, empfohlene Formelzeichen
und mehrsprachiges Wörterbuch

This European Standard was approved by CEN on 30 August 1998.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.



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

Central Secretariat: rue de Stassart, 36 B-1050 Brussels

Content

	Page
Foreword	3
1 Scope	3
2 Definitions	3
2.1 Definitions relating to wheels	3
2.1.1 wheel and its constituent parts	3
2.1.2 construction of wheel	7
2.1.3 dimensional characteristics of the wheel	13
2.2 Definitions relating to axle and mountings	16
2.2.1 axle	16
2.2.2 mountings of the wheel	16
2.3 Definitions relating to castors	17
2.3.1 castor	17
2.3.2 housing and its constituent parts	19
2.3.3 accessories	21
2.3.4 principal dimensions	26
2.4 Load capacity and weight	30
2.4.1 load capacity	30
2.4.2 weight	30
Annex A (informative) Multilingual Index	31
Annex B (informative) List of symbols	44

Foreword

This European Standard has been prepared by Technical Committee CEN/TC 324 "Castors and wheels", the secretariat of which is held by DIN.

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 March 1999, and conflicting national standards shall be withdrawn at the latest by March 1999

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.

1 Scope

This European Standard defines terms and symbols relating to castors and wheels.

NOTE 1: Castors and wheels is the English expression; in other languages the expression may be reversed e.g. in French "Roues et roulettes" and in German "Räder und Rollen".

NOTE 2: In addition to terms used in the three official CEN languages (English, French and German), this European Standard gives the equivalent terms in the Dutch, Finnish, Italian and Swedish languages; these are published under the responsibility of the national Committee/member body for Holland, Finland, Italy and Sweden. However, only the terms and definitions given in the official languages can be considered as EN terms and definitions.

2 Definitions

For the purposes of this European Standard, the following definitions apply:

2.1 Definitions relating to wheels

2.1.1 wheel and its constituent parts

2.1.1.1 wheel

de **Rad** // fi **pyörä** // fr **roue** // it **ruota** (furniture:) o **parte rotante** // nl **wiel** // sv **hjul** //

Circular structure able to rotate on an axle (2.2.1), either directly or with the use of bearing(s) (2.1.1.8). The external part of which is in contact with the ground (see figure 1).

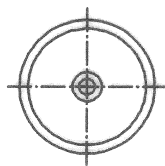


Figure 1: wheel

2.1.1.2 hub

de **Nabe** // fi **napa** // fr **moyeu** // it **mozzo** // nl **naaf** // sv **nav** //

Central part of the wheel (2.1.1.1) to receive the axle (2.2.1) or the bearing(s) (2.1.1.8) (see figure 2)

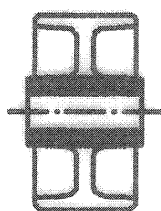


Figure 2: hub

2.1.1.3 rim

de **Felgenbett** // fi **vanne** // fr **jante** // it **cerchio** // nl **velg** // sv **lötring** //

Outer profile of the wheel centre (2.1.1.5) (see figure 3).

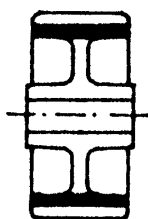


Figure 3: rim

2.1.1.4 connecting flange

de **Steg** // fi **laippa** // fr **voile** // it **cartella** // nl **wielflens** // sv **hjulliv** //

Part of the wheel (2.1.1.1) between the hub (2.1.1.2) and the rim (2.1.1.3) (see figure 4).

This is a free preview. Purchase the entire publication at the link below:

[Product Page](#)

-
- [Looking for additional Standards? Visit Intertek Inform Infostore](#)
 - [Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation](#)
-