

RAUDTEEALASED RAKENDUSED. RATTAPAARID JA
PÖÖRDVANKRID. RATTAPAARID. TOOTENÕUDED

Railway applications - Wheelsets and bogies -
Wheelsets - Product requirements

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>See Eesti standard EVS-EN 13260:2025 sisaldab Euroopa standardi EN 13260:2025 ingliskeelset teksti.</p> <p>Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.</p> <p>Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 03.12.2025.</p> <p>Standard on kättesaadav Eesti Standardimis- ja Akrediteerimiskeskusest.</p>	<p>This Estonian standard EVS-EN 13260:2025 consists of the English text of the European standard EN 13260:2025.</p> <p>This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation and Accreditation.</p> <p>Date of Availability of the European standard is 03.12.2025.</p> <p>The standard is available from the Estonian Centre for Standardisation and Accreditation.</p>
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ICS 45.040

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EUROPEAN STANDARD

EN 13260

NORME EUROPÉENNE

EUROPÄISCHE NORM

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Supersedes EN 13260:2020

English Version

Railway applications - Wheelsets and bogies - Wheelsets - Product requirements

Applications ferroviaires - Essieux montés et bogies -
Essieux montés - Prescriptions pour le produit

Bahnanwendungen - Radsätze und Drehgestelle -
Radsätze - Produktanforderungen

This European Standard was approved by CEN on 26 October 2025.

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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

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European foreword

This document (EN 13260:2025) was prepared by the CEN/TC 256 “Railway Applications” Technical Committee, the secretariat of which is held by the 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of an identical text or by endorsement, at the latest by June 2026, and conflicting national standards shall be withdrawn at the latest by June 2026.

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.

This document supersedes EN 13260:2020.

In comparison with the previous edition EN 13260:2020, the following technical modifications have been made:

- correction of several editing mistakes leading to technical misunderstandings;
- a clearer definition of the requirements for dynamic imbalance (4.2.4) and fatigue tests (4.2.2);
- a clarification of the product qualification conditions (Annex D);
- a clearer definition of the allowable rectifications of the wheelset after assembly (E.5).

This document has been prepared under a standardization request addressed to CEN by the European Commission. The Standing Committee of the EFTA States subsequently approves these requests for its Member States.

Any feedback and questions on this document should be directed to the users’ national standards body. A complete listing of these bodies can be found on the CEN website.

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1 Scope

This document specifies the characteristics of wheelsets for all heavy rail track gauges.

This document is applicable to heavy rail vehicles and is applicable, in principle, to other vehicles such as urban rail vehicles.

This document is applicable to wheelsets made from elements defined by the following standards:

- EN 13262:— for wheels;
- EN 13261:2024 for axles.

The requirements defined in this document are applicable to cylindrical wheel seats. Most of the requirements are also applicable to wheelsets with conical wheel seats. If needed, specific requirements for conical wheel seats (e.g. press-fitting curves, geometric dimensions...) are defined in the technical specification. Most of the requirements are also applicable to wheelsets with inboard bearings. If needed, specific requirements for inboard bearings wheelsets are defined in the technical specification.

Some characteristics are given according to category 1 or category 2.

2 Normative references

The following documents referred to in the text establish, for all or part of their content, the requirements of this document. For dated references, only the cited edition applies. For undated references, the last edition of the reference document applies (including any amendments).

EN 13103-1:2017+A1:2022, *Railway applications — Wheelsets and bogies — Part 1: Design method for axles with external journals*

EN 13261:2024, *Railway applications — Wheelsets and bogies — Axles - Product requirements*

EN 13262:—,¹ *Railway applications — Wheelsets and bogies — Wheels — Product requirements*

EN 13979-1:2023, *Railway applications — Wheelsets and bogies — Monobloc Wheels - Technical approval procedure - Part 1: Forged and rolled wheels*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

ISO and IEC maintain terminology databases for standardization, which can be accessed via the following addresses:

- IEC Electromedia: available at <https://www.electropedia.org/>
- ISO Online browsing platform: available at <https://www.iso.org/obp>

3.1

technical specification

document describing specific parameters and/or product requirements in addition to the requirements of this document

¹ Under preparation. Stage at the time of publication: FprEN 13262:2025.