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Railway applications - Wheelsets and bogies - Wheelsets - Product requirements

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 02/26

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EUROPEAN STANDARD

EN 13260

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EUROPÄISCHE NORM

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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

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EN 13260:2025 (E)

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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of an identical text or by endorsement, at the latest by June 2026, and conflicting national standards shall be withdrawn at the latest by June 2026.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.

According to the CEN-CENELEC Internal Regulations, the national standards organisations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom.

EN 13260:2025 (E)**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*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN

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