

STN	Železnice Kol'aj Kvalita geometrie kol'aje Časť 6: Charakteristika kvality geometrie kol'aje	STN EN 13848-6 73 6315
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Railway applications - Track - Track geometry quality - Part 6: Characterization of track geometry quality

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. 09/26

Obsahuje: EN 13848-6:2026

Oznámením tejto normy sa ruší

STN EN 13848-6+A1 (73 6315) z júna 2021

143173



Úrad pre normalizáciu, metrológiu a skúšobníctvo Slovenskej republiky, 2026

Slovenská technická norma a technická normalizačná informácia je chránená zákonom č. 60/2018 Z. z. o technickej normalizácii v znení neskorších predpisov.

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 13848-6

July 2026

ICS 93.100

Supersedes EN 13848-6:2014+A1:2020

English Version

**Railway applications - Track - Track geometry quality -
Part 6: Characterization of track geometry quality**

Applications ferroviaires - Voie - Qualité géométrique
de la voie - Partie 6 : Caractérisation de la qualité
géométrique de la voie

Bahnanwendungen - Oberbau - Gleislagequalität - Teil
6: Charakterisierung der geometrischen
Gleislagequalität

This European Standard was approved by CEN on 27 April 2026.

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

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EN 13848-6:2026 (E)

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EN 13848-6:2026 (E)**European foreword**

This document (EN 13848-6:2026) has been prepared by Technical Committee CEN/TC 256 “Railway applications”, 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of an identical text or by endorsement, at the latest by January 2027, and conflicting national standards shall be withdrawn at the latest by January 2027.

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 13848-6:2014+A1:2020.

EN 13848-6:2026 includes the following significant technical changes with respect to EN 13848-6:2014+A1:2020:

- change of the structure of the document;
- revision of Annex A;
- revision of Annex B.

In this document, the Annex C is normative and the Annexes A, B and D are informative.

The EN 13848 series, under the general title *Railway applications — Track — Track geometry quality*, consists of the following parts:

- *Part 1: Characterization of track geometry;*
- *Part 2: Measuring systems — Track recording vehicles;*
- *Part 3: Measuring systems — Track construction and maintenance machines;*
- *Part 4: Measuring systems — Manual and lightweight devices;*
- *Part 5: Geometric quality levels — Plain line, switches and crossings;*
- *Part 6: Characterization of track geometry quality.*

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 method to characterize and classify the quality of track geometry based on parameters specified in EN 13848-1.

This document also specifies different track geometry classes.

This document does not:

- apply to lines with a nominal gauge less than 1 435 mm;
- specify requirements for urban rail systems.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 13848-1:2019, *Railway applications - Track - Track geometry quality - Part 1: Characterization of track geometry*

EN 17343, *Railway applications - General terms and definitions*

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