

STN	Železnice Koľaj Kvalita geometrie koľaje Časť 6: Charakteristika kvality geometrie koľaje	STN EN 13848-6+A1
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Railway applications - Track - Track geometry quality - Part 6: Characterisation of track geometry quality

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

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English Version

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

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

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

This European Standard was approved by CEN on 3 February 2014 and includes Amendment 1 approved by CEN on 24 August 2020.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
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EN 13848-6:2014+A1:2020 (E)**European foreword**

This document (EN 13848-6:2014+A1:2020) 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of an identical text or by endorsement, at the latest by May 2021, and conflicting national standards shall be withdrawn at the latest by May 2021.

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This document includes Amendment 1 approved by CEN on 2020-07-24.

This document supersedes **[A₁] EN 13848-6:2014 **[A₁]****.

The start and finish of text introduced or altered by amendment is indicated in the text by tags **[A₁] **[A₁]****.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association.

This European Standard is one of the series EN 13848 "*Railway applications – Track – Track geometry quality*" as listed below:

- *Part 1: Characterisation 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*
- *Part 6: Characterisation of track geometry quality*

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1 Scope

This European Standard characterizes the quality of track geometry based on parameters defined in EN 13848-1 and specifies the different track geometry classes which should be considered.

This European Standard covers the following topics:

- description of track geometry quality;
- classification of track quality according to track geometry parameters;
- considerations on how this classification can be used;
- this European Standard applies to high-speed and conventional lines of 1 435 mm and wider gauge;
- this European Standard forms an integral part of EN 13848 series.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. 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, *Railway applications - Track - Track geometry quality - Part 1: Characterization of track geometry*

[A1] EN 13848-5, *Railway applications - Track - Track geometry quality - Part 5: Geometric quality levels - Plain line, switches and crossings*

EN 14363, *Railway applications – Testing and simulation for the acceptance of running characteristics of railway vehicles – Running behaviour and stationary tests* [A1]

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