

ICS 93.100

**Railway applications –  
Infrastructure –  
Non-destructive testing on rails in track –  
Part 1: Requirements for ultrasonic inspection and evaluation principles;  
English version EN 16729-1:2016,  
English translation of DIN EN 16729-1:2016-11**

Bahnanwendungen –  
Infrastruktur –  
Zerstörungsfreie Prüfung an Schienen im Gleis –  
Teil 1: Anforderungen an Ultraschallprüfungen und Bewertungsgrundlagen;  
Englische Fassung EN 16729-1:2016,  
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Applications ferroviaires –  
Infrastructure –  
Essais non destructifs sur les rails de voie –  
Partie 1: Exigences pour les principes d'évaluation et d'inspection par ultrasons;  
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In case of doubt, the German-language original shall be considered authoritative.

*A comma is used as the decimal marker.*

## **National foreword**

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English Version

## Railway applications - Infrastructure - Non-destructive testing on rails in track - Part 1: Requirements for ultrasonic inspection and evaluation principles

Applications ferroviaires - Infrastructure - Essais non destructifs sur les rails de voie - Partie 1: Exigences pour les principes d'évaluation et d'inspection par ultrasons

Bahnanwendungen - Infrastruktur - Zerstörungsfreie Prüfung an Schienen im Gleis - Teil 1: Anforderungen an Ultraschallprüfungen und Bewertungsgrundlagen

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## European foreword

This document (EN 16729-1:2016) 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of an identical text or by endorsement, at the latest by November 2016, and conflicting national standards shall be withdrawn at the latest by November 2016.

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For relationship with EU Directive 2008/57/EC, see informative Annex ZA, which is an integral part of this document.

This series of European Standards EN 16729, *Railway applications — Infrastructure — Non-destructive testing on rails in track*, consists of:

- *Part 1: Requirements for ultrasonic inspection and evaluation principles;*
- *Part 2: Eddy current testing of rails in track [planned];*
- *Part 3: Requirements for identifying internal and surface rail defects [planned];*
- *Part 4: Qualification of personnel for non-destructive testing on rails [planned].*

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