

STN	Železničná infraštruktúra Systémy upevňovania koľajníc Časť 3: Skúšobná metóda zmluvného zaťaženia pre odolnosť proti vytiahnutiu (ISO 22074-3: 2021)	STN EN ISO 22074-3 73 6331
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Railway infrastructure - Rail fastening systems - Part 3: Proof load test method for pull-out resistance (ISO 22074-3:2021)

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. 05/24

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EUROPEAN STANDARD

EN ISO 22074-3

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Railway infrastructure - Rail fastening systems - Part 3: Proof load test method for pull-out resistance (ISO 22074- 3:2021)

Infrastructure ferroviaire - Systèmes de fixation du rail
- Partie 3: Méthode d'essai de charge d'épreuve pour la
résistance à l'arrachement (ISO 22074-3:2021)

Bahninfrastruktur - Schienenbefestigungssysteme -
Teil 3: Belastungsprüfung für den Auszugswiderstand
(ISO 22074-3:2021)

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EN ISO 22074-3:2024 (E)

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European foreword

The text of ISO 22074-3:2021 has been prepared by Technical Committee ISO/TC 269 “Railway applications” of the International Organization for Standardization (ISO) and has been taken over as EN ISO 22074-3:2024 by Technical Committee CEN/TC 256 “Railway applications” the secretariat of which is held by DIN.

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Endorsement notice

The text of ISO 22074-3:2021 has been approved by CEN as EN ISO 22074-3:2024 without any modification.

INTERNATIONAL STANDARD

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Railway infrastructure — Rail fastening systems —

Part 3: Proof load test method for pull-out resistance

Infrastructure ferroviaire — Systèmes de fixation du rail —

*Partie 3: Méthode d'essai de charge d'épreuve pour la résistance à
l'arrachement*



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ISO 22074-3:2021(E)

Foreword

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This document was prepared by Technical Committee ISO/TC 269, *Railway applications*, Subcommittee SC 1, *Infrastructure*.

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Railway infrastructure — Rail fastening systems —

Part 3: Proof load test method for pull-out resistance

1 Scope

This document specifies a test procedure to confirm that the force necessary to pull the anchorage of a rail fastening assembly out of the sleeper or other supporting element is greater than a prescribed value (i.e. it is a "proof load" test).

This test is for components of the fastening system which are:

- a) cast into concrete during the manufacture of sleepers or other supporting elements;
- b) glued into the cast or drilled holes in concrete; or
- c) screwed or otherwise attached to wood, polymeric composite or steel sleepers or other supporting elements.

This test is not applicable to embedded rails.

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.

ISO 22074-1, *Railway infrastructure — Rail fastening systems — Part 1: Vocabulary*

ISO 7500-1:2018, *Metallic materials — Calibration and verification of static uniaxial testing machines — Part 1: Tension/compression testing machines — Calibration and verification of the force-measuring system*

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