

STN	Stacionárne tréningové zariadenia Časť 2: Posilňovacie tréningové zariadenia, ďalšie špecifické bezpečnostné požiadavky a skúšobné metódy (ISO 20957-2: 2020)	STN EN ISO 20957-2
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Stationary training equipment - Part 2: Strength training equipment, additional specific safety requirements and test methods (ISO 20957-2:2020)

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

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Stationary training equipment - Part 2: Strength training equipment, additional specific safety requirements and test methods (ISO 20957-2:2020)

Équipement d'entraînement fixe - Partie 2:
Équipement d'entraînement de force, exigences spécifiques de sécurité et méthodes d'essai supplémentaires (ISO 20957-2:2020)

Stationäre Trainingsgeräte - Teil 2: Kraft-Trainingsgeräte, zusätzliche besondere sicherheitstechnische Anforderungen und Prüfverfahren (ISO 20957-2:2020)

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European foreword

This document (EN ISO 20957-2:2021) has been prepared by Technical Committee ISO/TC 83 "Sports and other recreational facilities and equipment" in collaboration with Technical Committee CEN/TC 136 "Sports, playground and other recreational facilities and equipment" 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of an identical text or by endorsement, at the latest by December 2021, and conflicting national standards shall be withdrawn at the latest by December 2021.

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Stationary training equipment —

Part 2:

**Strength training equipment,
additional specific safety
requirements and test methods**

Équipement d'entraînement fixe —

*Partie 2: Équipement d'entraînement de force, exigences spécifiques
de sécurité et méthodes d'essai supplémentaires*



Reference number
ISO 20957-2:2020(E)

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 83, *Sports and other recreational facilities and equipment*, Subcommittee, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 136, *Sports, playground and other recreational facilities and equipment*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This second edition cancels and replaces the first edition (ISO 20957-2:2005), which has been technically revised.

The main changes compared to the previous edition are as follows:

- the formulation has been aligned with ISO 20957-1;
- [Clause 3](#) has been updated;
- [Clause 5](#) has been specified and restructured;
- [Clause 6](#) has been specified and restructured;
- additional requirements for externally loaded equipment have been added to [Clauses 5](#) and [6](#).

A list of all parts in the ISO 20957 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Stationary training equipment —

Part 2: Strength training equipment, additional specific safety requirements and test methods

1 Scope

This document specifies additional safety requirements for stationary strength training equipment.

This document is intended to be read in conjunction with the general safety requirements of ISO 20957-1.

This document is applicable to stationary training equipment type strength training equipment with stacked weight resistance or other means of resistance, such as elastic cords, hydraulic, pneumatic, electrical, magnetic, springs and externally loaded weights (type 2) (hereinafter referred to as training equipment) with the classes H, S and I according to ISO 20957-1.

NOTE Free-weight barbell racks are subject to the requirements of ISO 20957-4 and ISO 20957-1.

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 12100, *Safety of machinery — General principles for design — Risk assessment and risk reduction*

ISO 20957-1, *Stationary training equipment — Part 1: General safety requirements and test methods*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN