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KATSEMEETODID

Mountaineering equipment - Load sharing devices -
Safety requirements and test methods

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>See Eesti standard EVS-EN 17961:2025 sisaldab Euroopa standardi EN 17961:2025 ingliskeelset teksti.</p> <p>Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.</p> <p>Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 09.07.2025.</p> <p>Standard on kättesaadav Eesti Standardimis- ja Akrediteerimiskeskusest.</p>	<p>This Estonian standard EVS-EN 17961:2025 consists of the English text of the European standard EN 17961:2025.</p> <p>This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation and Accreditation.</p> <p>Date of Availability of the European standard is 09.07.2025.</p> <p>The standard is available from the Estonian Centre for Standardisation and Accreditation.</p>
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English Version

Mountaineering equipment - Load sharing devices - Safety requirements and test methods

Équipement d'alpinisme et d'escalade - Dispositifs de répartition de la charge - Exigences de sécurité et méthodes d'essai

Bergsteigerausrüstung - Lastverteiler - Sicherheitstechnische Anforderungen und Prüfverfahren

This European Standard was approved by CEN on 9 June 2025.

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European foreword

This document (EN 17961:2025) has been prepared by 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of an identical text or by endorsement, at the latest by January 2026, and conflicting national standards shall be withdrawn at the latest by January 2026.

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 has been prepared under a standardization request addressed to CEN by the European Commission. The Standing Committee of the EFTA States subsequently approves these requests for its Member States.

For the relationship with EU Legislation, see informative Annex ZA, which is an integral part of this document.

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Introduction

The text of this document is based on the former UIAA-Standard 130:2021 (Union Internationale des Associations d'Alpinisme / International Climbing and Mountaineering Federation), which was developed with international participation.

This document is part of a series of standards on mountaineering equipment, see Annex A.

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1 Scope

This document specifies safety requirements and test methods for all types of load sharing devices commonly used in mountaineering (climbing and associated activities).

This document does not cover the specific requirements of devices intended for use in slackline applications.

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 565:2017, *Mountaineering equipment — Tape — Safety requirements and test methods*

ISO 7000:2019, *Graphical symbols for use on equipment — Registered symbols*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

ISO and IEC maintain terminology databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at <https://www.iso.org/obp>
- IEC Electropedia: available at <https://www.electropedia.org/>

3.1

load sharing device

LSD

apparatus integrating at least 3 possible connections intended to distribute load (see Figure 1)

Note 1 to entry: Some types of LSD are known as “rigging plates”.

3.2

3-way loading

application of loading in three different directions

3.3

weakest load bearing orientation

direction or method of loading which, as defined by the manufacturer, supports the lowest minimum strength defined by the manufacturer