

MÄGIRONIMISVARUSTUS. ABINÖÖRID.
OHUTUSNÕUDED JA KATSEMEETODID

Mountaineering equipment - Accessory cords - Safety
requirements and test methods

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 564:2023 sisaldab Euroopa standardi EN 564:2023 ingliskeelset teksti.	This Estonian standard EVS-EN 564:2023 consists of the English text of the European standard EN 564:2023.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation and Accreditation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 26.04.2023.	Date of Availability of the European standard is 26.04.2023.
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EUROPEAN STANDARD

EN 564

NORME EUROPÉENNE

EUROPÄISCHE NORM

April 2023

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Supersedes EN 564:2014

English Version

Mountaineering equipment - Accessory cords - Safety requirements and test methods

Équipement d'alpinisme et d'escalade - Cordelettes -
Exigences de sécurité et méthodes d'essai

Bergsteigerausrüstung - Reepschnur -
Sicherheitstechnische Anforderungen und
Prüfverfahren

This European Standard was approved by CEN on 25 December 2022.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

Contents	Page
European foreword	3
1 Scope	4
2 Normative references	4
3 Terms and definitions	4
4 Safety requirements	4
4.1 Construction	4
4.2 Diameter	4
4.3 Tensile strength	5
4.4 Performance of the knotted loop	5
4.5 Mass per unit length	6
5 Test methods	6
5.1 Test sample	6
5.2 Conditioning	6
5.3 Diameter	6
5.4 Determination of tensile strength	6
5.5 Determination of the knotted loop performance	7
5.6 Determination of mass per unit length	7
6 Marking	7
7 Manufacturer's instructions and information	8
8 Packaging	8
Annex A (informative) Standards on mountaineering equipment	9
Annex ZA (informative) Relationship between this European Standard and the essential requirements of Regulation (EU) 2016/425 aimed to be covered	11

European foreword

This document (EN 564:2023) 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 October 2023 and conflicting national standards shall be withdrawn at the latest by October 2023.

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 will supersede EN 564:2014.

In comparison with the previous edition, the following technical modifications have been made:

- a) nominal diameter 5,5 mm is introduced in 4.2;
- b) new subclause 4.4 added regarding the performance of a knotted loop;
- c) some additions in Clause 7 Manufacturer's instructions and information.

This document has been prepared under a Standardization Request given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s) / Regulation(s).

For relationship with EU Directive(s) / Regulation(s), see informative Annex ZA, which is an integral part of this document.

Any feedback and questions on this document should be directed to the users' national standards body. A complete listing of these bodies can be found on the CEN website.

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1 Scope

This document specifies safety requirements and test methods for accessory cords, supplied on a drum or in separate lengths, for use in mountaineering including climbing.

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 ISO 2307:2019, *Fibre ropes — Determination of certain physical and mechanical properties (ISO 2307:2019)*

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:

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

3.1

accessory cord

cord that is intended to withstand forces, but not intended to absorb energy

4 Safety requirements

4.1 Construction

An accessory cord shall be made in a kernmantel construction and have a nominal diameter of 4 mm to 8 mm.

4.2 Diameter

The nominal diameter d_{nom} shall be one of the values given in Table 1.

The limit deviation between the effective value d_{eff} and the given nominal diameter shall be in the range

of $\begin{pmatrix} +0,7 \\ -0,2 \end{pmatrix}$ mm.

For the nominal diameter of 5,5 mm, the deviation between the value on the given nominal diameter shall be in the range of $\begin{pmatrix} +0,2 \\ -0,2 \end{pmatrix}$ mm.

The effective diameter shall be determined according to 5.3.