



NSAI
Standards

Irish Standard
I.S. EN 564:2014

Mountaineering equipment - Accessory cord - Safety requirements and test methods

I.S. EN 564:2014

Incorporating amendments/corrigenda/National Annexes issued since publication:

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I.S. xxx: Irish Standard — national specification based on the consensus of an expert panel and subject to public consultation.

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This document replaces/revises/consolidates the NSAI adoption of the document(s) indicated on the CEN/CENELEC cover/Foreword and the following National document(s):

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Correction Notice

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Please include the following minor editorial correction(s) in the document related to:

the following language version(s) :

- English
- French
- German

for the following procedure :

- PQ/UQ
- Enquiry
- 2nd Enquiry
- Parallel Enquiry
- 2nd Parallel Enquiry
- Formal Vote
- 2nd Formal Vote
- Parallel Formal Vote
- 2nd Parallel Formal Vote
- UAP
- TC Approval
- 2nd TC Approval
- Publication
- Parallel Publication

It has been brought to our attention that this document, issued on 2014-12-10, requires modification.

The cross references in Clause 7, c) and d) have been modified.

Please find enclosed the updated English version.

We apologise for any inconvenience this may cause.

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EUROPEAN STANDARD

EN 564

NORME EUROPÉENNE

EUROPÄISCHE NORM

December 2014

ICS 97.220.40

Supersedes EN 564:2006

English Version

Mountaineering equipment - Accessory cord - Safety requirements and test methods

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

Bergsteigerausrüstung - Reepschnur -
Sicherheitstechnische Anforderungen und Prüfverfahren

This European Standard was approved by CEN on 2 November 2014.

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.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



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

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

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Foreword

This document (EN 564:2014) 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 June 2015, and conflicting national standards shall be withdrawn at the latest by June 2015.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 564:2006.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of 89/686/EEC.

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

Compared with EN 564:2006 the following changes were made:

- a) Tolerance for the diameter changed in 4.2;
- b) Conditioning changed in 5.2.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

EN 564:2014 (E)**1 Scope**

This European Standard 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, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN ISO 2307:2010, *Fibre ropes - Determination of certain physical and mechanical properties (ISO 2307:2010)*

3 Terms and definitions

For the purposes of this document, the following term and definition applies.

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 actual value d_{eff} and the given nominal diameter shall be not more than

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

The actual diameter shall be determined according to 5.3.

Table 1 — Nominal diameter and minimum tensile strength

Nominal diameter d_{nom} mm	Minimum tensile strength F_{Bmin} kN
4	3,2
5	5,0
6	7,2
7	9,8
8	12,8

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