



Institut luxembourgeois de la normalisation
de l'accréditation, de la sécurité et qualité
des produits et services

ILNAS-EN 892:2012+A1:2016

**Mountaineering equipment - Dynamic
mountaineering ropes - Safety
requirements and test methods**

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

Bergsteigerausrüstung - Dynamische
Bergseile - Sicherheitstechnische
Anforderungen und Prüfverfahren

08/2016



National Foreword

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ILNAS-EN 892:2012+A1:2016

EUROPEAN STANDARD **EN 892:2012+A1**

NORME EUROPÉENNE

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English Version

**Mountaineering equipment - Dynamic mountaineering
ropes - Safety requirements and test methods**

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

Bergsteigerausrüstung - Dynamische Bergseile -
Sicherheitstechnische Anforderungen und
Prüfverfahren

This European Standard was approved by CEN on 13 July 2012 and includes Amendment 1 approved by CEN on 9 June 2016.

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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
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European foreword

This document (EN 892:2012+A1:2016) 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of an identical text or by endorsement, at the latest by February 2017, and conflicting national standards shall be withdrawn at the latest by February 2017.

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 includes Amendment 1 approved by CEN on 2016-06-09.

This document supersedes A1 EN 892:2012 A1.

The start and finish of text introduced or altered by amendment is indicated in the text by tags A1 A1.

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 EU Directive(s).

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

The main changes compared to EN 892:2004 are:

- a) editorial changes;
- b) conditioning climate in 5.2 was changed;
- c) dimension of the remaining tape for preparation of the sheath slippage test in 5.4.2 was changed;
- d) allowed slippage of the rope in the drop test in 5.6.3.

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.

Introduction

The text is based on UIAA-Standard B (International Mountaineering and Climbing federation), which has been prepared with international participation.

This standard is one of a package of standards for mountaineering equipment, see Annex A.

1 Scope

This European Standard specifies safety requirements and test methods for dynamic ropes (single, half and twin ropes) in kernmantel construction 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 6508-1, *Metallic materials — Rockwell hardness test — Part 1: Test method (scales A, B, C, D, E, F, G, H, K, N, T) (ISO 6508-1)*

ISO 6487, *Road vehicles — Measurement techniques in impact tests — Instrumentation*

3 Terms and definitions

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

3.1

dynamic mountaineering rope

rope, which is capable, when used as a component in the safety chain, of arresting the free fall of a person engaged in mountaineering or climbing with a limited peak force

3.2

single rope

dynamic mountaineering rope, capable of being used singly, as a link in the safety chain, to arrest a leader's fall

3.3

half rope

dynamic mountaineering rope, which is capable, when used in pairs, as a link in the safety chain to arrest the leader's fall

Note 1 to entry: See Figure 1.

3.4

twin rope

dynamic mountaineering rope, which is capable, when used in pairs and parallel, as a link in the safety chain to arrest a leader's fall

Note 1 to entry: See Figure 2.

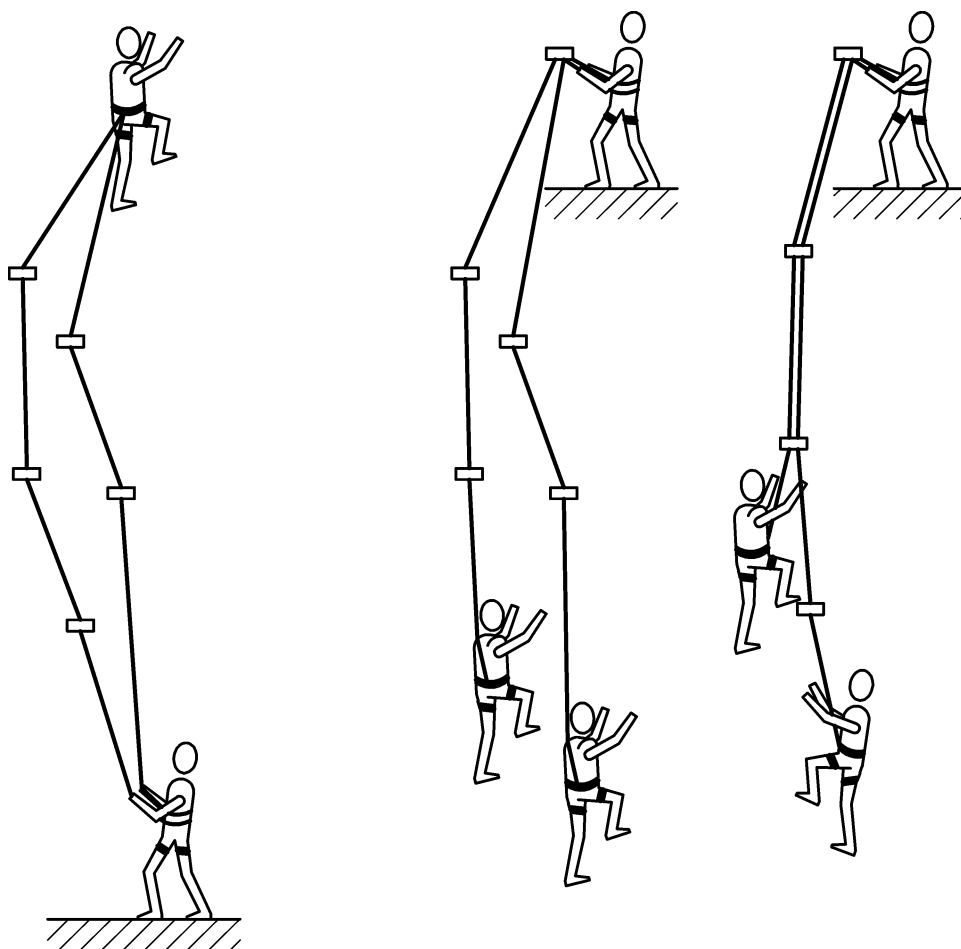


Figure 1 — Examples of use on half ropes