

STN	Horolezecké vybavenie Tlmiče nárazu používané na zaistených cestách (via ferrata) Bezpečnostné požiadavky a skúšobné metódy	STN EN 958 94 2008
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Mountaineering equipment - Energy absorbing systems for use in klettersteig (via ferrata) climbing - Safety requirements and test methods

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

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 08/17

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Podľa zákona č. 264/1999 Z. z. o technických požiadavkách na výrobky a o posudzovaní zhody a o zmene a doplnení niektorých zákonov v znení neskorších predpisov sa slovenská technická norma a časti slovenskej technickej normy môžu rozmnožovať alebo rozširovať len so súhlasom slovenského národného normalizačného orgánu.

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 958

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Supersedes EN 958:2006+A1:2010

English Version

**Mountaineering equipment - Energy absorbing systems for
use in klettersteig (via ferrata) climbing - Safety
requirements and test methods**

Équipement d'alpinisme et d'escalade - Absorbeurs
d'énergie utilisés en Via Ferrata - Exigences de sécurité
et méthodes d'essai

Bergsteigerausrüstung - Fangstoßdämpfer für die
Verwendung auf Klettersteigen (Via Ferrata) -
Sicherheitstechnische Anforderungen und
Prüfverfahren

This European Standard was approved by CEN on 16 January 2017.

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

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European foreword

This document (EN 958:2017) 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 September 2017, and conflicting national standards shall be withdrawn at the latest by September 2017.

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 supersedes EN 958:2006+A1:2010.

In comparison to the previous edition EN 958:2006+A1:2010, the following technical changes have been made:

- a) in the scope, energy absorbing systems (EAS) according to this document have been limited to users weighing not less than 40 kg (total weight without equipment) and no more than 120 kg (total weight including the equipment);
- b) additional design requirements for the arm and overall lengths;
- c) in 4.2, the maximum braking length was changed to 2200 mm;
- d) in Clauses 6 and 7, the requirements of 40 kg and 120 kg was added;
- e) in 4.3.3 a fatigue test was added.

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 89/686/EEC, see informative Annex ZA, which is an integral part of this document.

According to the CEN-CENELEC Internal Regulations, the national standards organisations 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, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

1 Scope

This European Standard specifies safety requirements and test methods for energy absorbing systems (EAS) for use in climbing on a Via Ferrata, for users weighing not less than 40 kg (total weight without equipment) and no more than 120 kg (total weight including the equipment).

NOTE This European Standard is one of a package of standards for mountaineering equipment, see Annex A.

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 565, *Mountaineering equipment - Tape - Safety requirements and test methods*

EN 1891, *Personal protective equipment for the prevention of falls from a height - Low stretch kernmantel ropes*

EN 12275, *Mountaineering equipment - Connectors - Safety requirements and test methods*

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

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

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

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