



SLOVENSKI STANDARD
SIST EN 362:2005

01-april-2005

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Personal protective equipment against falls from a height - Connectors

Persönliche Schutzrüstung gegen Absturz - Verbindungselemente

(standards.iteh.ai)

Équipement de protection individuelle contre les chutes de hauteur - Connecteurs

[SIST EN 362:2005](#)

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Ta slovenski standard je istoveten z: EN 362:2004

ICS:

13.340.60 Zæ ää | ^ ä Ä ä ä ä Ä ä | ä Protection against falling and slipping

SIST EN 362:2005

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EUROPEAN STANDARD

EN 362

NORME EUROPÉENNE

EUROPÄISCHE NORM

December 2004

ICS 13.340.99

Supersedes EN 362:1992

English version

Personal protective equipment against falls from a height - Connectors

Équipement de protection individuelle contre les chutes de
hauteur - Connecteurs

Persönliche Schutzausrüstung gegen Absturz -
Verbindungselemente

This European Standard was approved by CEN on 20 October 2004.

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 Central Secretariat 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 Central Secretariat has the same status as the official versions.

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

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

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Foreword

This document (EN 362:2004) has been prepared by Technical Committee CEN/TC 160 "Protection against falls from height including working belts", 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 2005, and conflicting national standards shall be withdrawn at the latest by June 2005.

This document supersedes EN 362:1992.

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 89/686/EEC.

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

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

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EN 362:2004 (E)

1 Scope

This document specifies the requirements, test methods, marking and information supplied by the manufacturer for connectors. Connectors conforming to this document are used as connecting elements in personal fall protection systems, i.e. fall arrest, work positioning, rope access, restraint and rescue systems.

2 Normative references

The following referenced documents are indispensable for the application 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 363, *Personal protective equipment against falls from a height — Fall arrest systems*.

EN 364:1992, *Personal protective equipment against falls from a height — Test methods*.

EN 365, *Personal protective equipment against falls from a height — General requirements for instructions for use, maintenance, periodic examination, repair, marking and packaging*.

EN 20139:1992, *Textiles — Standard atmospheres for conditioning and testing (ISO 139:1973)*.

ISO 9227, *Corrosion tests in artificial atmospheres — Salt spray tests*.

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3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 363 and the following apply.

3.1 connector

openable device used to connect components, which enables the user to assemble a system in order to link himself/herself directly or indirectly to an anchor

3.2 self-closing connector

connector with a self-closing gate

3.3 basic connector (class B)

self-closing connector intended to be used as a component, see Figure 1

3.4 multi-use connector (class M)

basic or screw link connector intended to be used as a component, which may be loaded in the major and minor axis

3.5 termination connector (class T)

self-closing connector designed to allow the fixing as an element of a sub-system in such a way that the loading is in a predetermined direction, see Figure 2

3.6 anchor connector (class A)

connector which closes automatically, designed to be linked directly to a specific type of anchor as a component, see Figure 3

NOTE Types of anchors are e.g. an eye-bolt, a pipe or a beam.

3.7**screwlink connector (class Q)**

connector which is closed by a screw-motion gate, which is a load bearing part of the connector when fully screwed up (see Figure 4), intended to be used only for long-term or permanent connections

3.8**gate**

part of the connector which can be moved to open it

NOTE The gate can, for example, move by pivoting about a hinge (hinged gate), or by a sliding motion (sliding gate) or by a screw motion (screw-motion gate).

3.9**self-closing gate**

gate which moves automatically to the closed position when released from any open position

3.10**self-locking gate**

self-closing gate with an automatic gate-locking feature

3.11**manual-locking gate**

self-closing gate with a manually operated gate-locking feature

3.12**gate-locking feature**

mechanism which, when in position, prevents the closed gate being opened inadvertently. A gate-locking feature may operate automatically (to the locked position) or be operated manually

3.13**gate opening**

maximum gap for the passage of an element or a component into the connector and which allows the correct functioning of the gate-locking feature; see Figure 5

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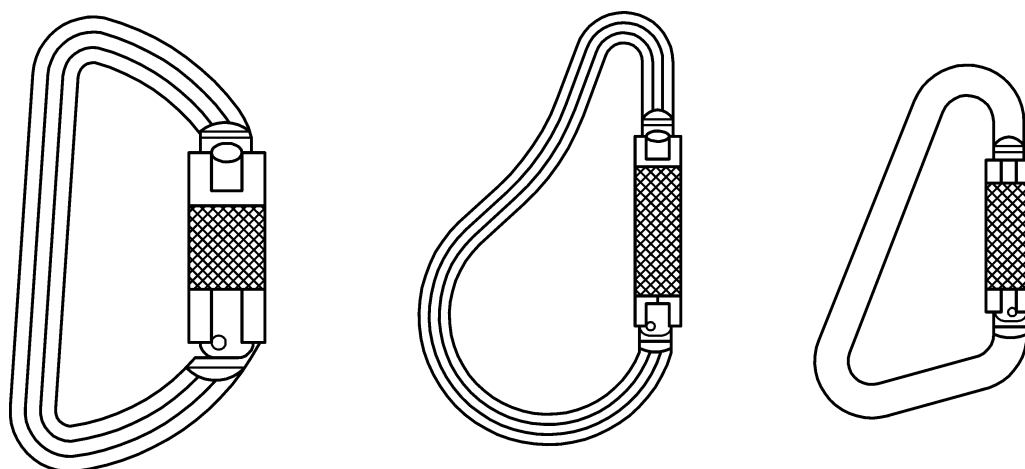


Figure 1 — Example of basic connector (class B)



a) Manual locking

b) Automatic locking

Figure 2 — Example of termination connectors (class T)

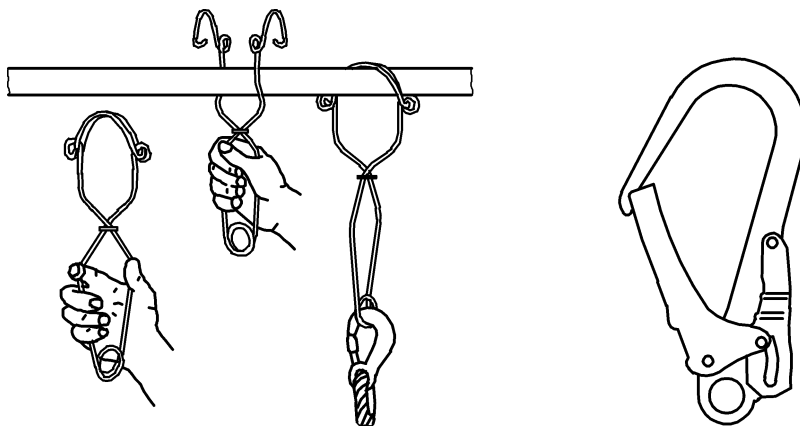


Figure 3 — Example of anchor connectors (class A)

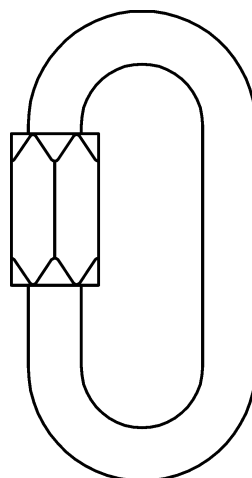
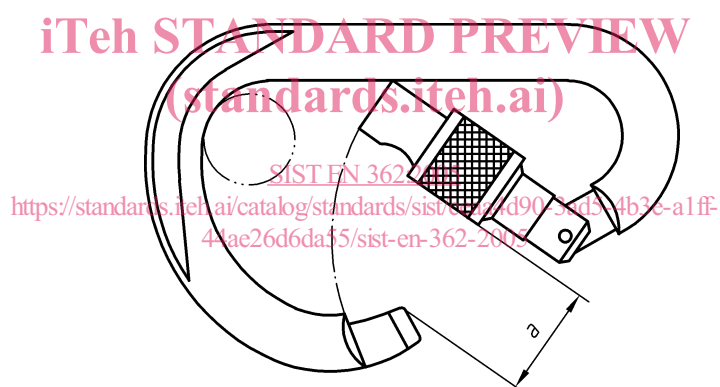


Figure 4 — Example of a screwlink connector (class Q)



Key

a gate opening

Figure 5 — Example of a gate opening

4 Requirements

4.1 General

4.1.1 Connectors shall not have sharp edges or burrs that may cause injury to the user, or that may cut, abrade or otherwise damage webbing or rope.

4.1.2 Materials, which may come into contact with the skin of a user, shall not be known to cause irritating and sensitization effects during normal use of the connector.

4.1.3 Connectors with a gate shall have a gate-locking feature, either automatic or manual.