

KUKKUMISVASTASED ISIKUKAITSEVAHENDID.  
ÜHENDUSVAHENDID

Personal protective equipment against falls from a  
height - Connectors

## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

See Eesti standard EVS-EN 362:2005 sisaldab Euroopa standardi EN 362:2004 ingliskeelset teksti.	This Estonian standard EVS-EN 362:2005 consists of the English text of the European standard EN 362:2004.
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.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 01.12.2004.	Date of Availability of the European standard is 01.12.2004.
Standard on kättesaadav Eesti Standardikeskusest.	The standard is available from the Estonian Centre for Standardisation.

Tagasisidet standardi sisu kohta on võimalik edastada, kasutades EVS-i veebilehel asuvat tagasiside vormi või saates e-kirja meiliaadressile [standardiosakond@evs.ee](mailto:standardiosakond@evs.ee).

ICS 13.340.99

Standardite reprodutseerimise ja levitamise õigus kuulub Eesti Standardikeskusele

Andmete paljundamine, taastekitamine, kopeerimine, salvestamine elektroonsesse süsteemi või edastamine ükskõik millises vormis või millisel teel ilma Eesti Standardikeskuse kirjaliku loata on keelatud.

Kui Teil on küsimusi standardite autorikaitse kohta, võtke palun ühendust Eesti Standardikeskusega:  
Koduleht [www.evs.ee](http://www.evs.ee); telefon 605 5050; e-post [info@evs.ee](mailto:info@evs.ee)

The right to reproduce and distribute standards belongs to the Estonian Centre for Standardisation

No part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying, without a written permission from the Estonian Centre for Standardisation.

If you have any questions about copyright, please contact Estonian Centre for Standardisation:

Homepage [www.evs.ee](http://www.evs.ee); phone +372 605 5050; e-mail [info@evs.ee](mailto:info@evs.ee)

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.

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.



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

Management Centre: rue de Stassart, 36 B-1050 Brussels

## Contents

	page
Foreword.....	3
1 Scope .....	4
2 Normative references .....	4
3 Terms and definitions .....	4
4 Requirements .....	7
4.1 General.....	7
4.2 Static strength.....	8
4.3 Gate function.....	8
4.4 Gate resistance (not for class Q-connectors).....	8
4.4.1 Gate face.....	8
4.4.2 Gate side.....	8
4.5 Corrosion resistance.....	9
4.6 Marking and information.....	9
5 Test methods.....	9
5.1 Examination of design .....	9
5.1.1 General.....	9
5.1.2 Verification of the gate opening .....	9
5.2 Static strength test .....	9
5.2.1 Apparatus .....	9
5.2.2 Preparation of test samples.....	9
5.2.3 Method .....	10
5.3 Gate function test .....	12
5.4 Gate resistance tests.....	12
5.4.1 Gate face.....	12
5.4.2 Gate side.....	13
5.5 Corrosion test .....	14
6 Marking .....	14
7 Information supplied by the manufacturer .....	15
Annex ZA (informative) Relationship between this European Standard and the Essential Requirements of EU Directive 89/686/EEC.....	16

## 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.

## 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*.

## 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.