



BSI Standards Publication

**Personal fall protection
equipment — Anchor
devices — Recommendations
for anchor devices for use
by more than one person
simultaneously**

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National foreword

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The UK participation in its preparation was entrusted to Technical Committee PH/5, Personal Fall Protection.

A list of organizations represented on this committee can be obtained on request to its secretary.

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English Version

**Personal fall protection equipment - Anchor devices -
Recommendations for anchor devices for use by more than one
person simultaneously**

Equipements de protection individuelle contre les chutes -
Dispositifs d'ancrage - Recommandations relatives aux
dispositifs d'ancrage destinés à être utilisés par plusieurs
personnes simultanément

Persönliche Absturzschutz-Ausrüstung -
Anschlageinrichtungen - Empfehlungen für die Benutzung
von Anschlageneinrichtungen gleichzeitig durch mehrere
Personen

This Technical Specification (CEN/TS) was approved by CEN on 30 July 2012 for provisional application.

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Foreword

This document (CEN/TS 16415:2013) 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.

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.

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Introduction

A reliable anchor device is one of the essential components in a personal fall protection system.

This Technical Specification, which gives minimum performance requirements, is intended to act as a complementary specification for existing European Standards covering components used in personal fall protection systems.

The scope and the requirements are based on the philosophy that anchor devices are rated to resist the maximum dynamic force generated in a fall from a height by the mass of more than one person, including any equipment carried. The static strength tests are based on a minimum factor of safety of two. To allow for foreseeable misuse of equipment, this Technical Specification provides requirements and test methods for anchor devices, used in personal fall protection equipment in accordance with EN 363, even if their intended use is for restraint.

It is essential that anchor devices are designed and manufactured so that, in the foreseeable conditions of use for which they are intended, the user is able to perform the risk-related activity while being appropriately protected. Manufacturers may wish to bear these points in mind when deciding on the actual performance of their products.

1 Scope

This Technical Specification sets out recommendations for requirements, test apparatus, test methods, marking and information supplied by the manufacturer for anchor devices intended for use by more than one user simultaneously.

This Technical Specification is not applicable to:

- anchor devices intended to allow only one user to be attached at any one time, which are covered by EN 795:2012;
- anchor devices used in any sports or recreational activity;
- equipment designed to conform to EN 516 or EN 517;
- elements or parts of structures which were installed for use other than as anchor points or anchor devices, e.g. beams, girders;
- structural anchors.

NOTE Requirements, test methods, marking and information supplied by the manufacturer for anchor devices intended for use by a single user are covered by European Standard EN 795:2012.

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

EN 795:2012, *Personal fall protection equipment — Anchor devices*

3 Terms and definitions

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

3.1

anchor system

system intended for use as part of a personal fall protection system that incorporates an anchor point or points and/or an anchor device and/or a fixing element and/or a structural anchor (see Figure 1)

Note 1 to entry: Anchor systems that are not intended to be removed from the structure are not covered by this European Technical Specification (see Figure 2).