

ICS 13.340.60

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 Absturzschutzausrüstung -  
Anschlageinrichtungen - Empfehlungen für die Benutzung  
von Anschlagleinrichtungen gleichzeitig durch mehrere  
Personen

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

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<b>Contents</b>	<b>Page</b>
Foreword.....	4
Introduction .....	5
<b>1</b> <b>Scope</b> .....	<b>6</b>
<b>2</b> <b>Normative references</b> .....	<b>6</b>
<b>3</b> <b>Terms and definitions</b> .....	<b>6</b>
<b>4</b> <b>Requirements</b> .....	<b>13</b>
4.1 <b>General</b> .....	<b>13</b>
4.2 <b>Specific</b> .....	<b>13</b>
4.2.1 <b>Type A anchor device</b> .....	<b>13</b>
4.2.2 <b>Type B anchor device</b> .....	<b>14</b>
4.2.3 <b>Type C anchor device – single span</b> .....	<b>14</b>
4.2.4 <b>Type C anchor device – multi-span</b> .....	<b>14</b>
4.2.5 <b>Type D anchor device</b> .....	<b>14</b>
4.2.6 <b>Type E anchor device</b> .....	<b>15</b>
4.3 <b>Marking and information</b> .....	<b>15</b>
<b>5</b> <b>Test methods</b> .....	<b>15</b>
5.1 <b>Test apparatus</b> .....	<b>15</b>
5.2 <b>Type A anchor device</b> .....	<b>16</b>
5.2.1 <b>General</b> .....	<b>16</b>
5.2.2 <b>Dynamic strength and integrity</b> .....	<b>16</b>
5.2.3 <b>Static strength</b> .....	<b>17</b>
5.3 <b>Type B anchor device</b> .....	<b>17</b>
5.3.1 <b>General</b> .....	<b>17</b>
5.3.2 <b>Dynamic strength and integrity</b> .....	<b>17</b>
5.3.3 <b>Static strength test</b> .....	<b>20</b>
5.4 <b>Type C anchor device</b> .....	<b>22</b>
5.4.1 <b>General</b> .....	<b>22</b>
5.4.2 <b>Single span</b> .....	<b>23</b>
5.4.3 <b>Static strength test</b> .....	<b>24</b>
5.4.4 <b>Multi span</b> .....	<b>25</b>
5.4.5 <b>Static strength test</b> .....	<b>27</b>
5.5 <b>Type D anchor device</b> .....	<b>27</b>
5.5.1 <b>General test requirements</b> .....	<b>27</b>
5.5.2 <b>Dynamic strength and integrity</b> .....	<b>27</b>
5.5.3 <b>Static strength test</b> .....	<b>29</b>
5.6 <b>Type E anchor device</b> .....	<b>29</b>
5.6.1 <b>General test requirements</b> .....	<b>29</b>
5.6.2 <b>Dynamic performance</b> .....	<b>29</b>
5.6.3 <b>Post-arrest suspension</b> .....	<b>30</b>
5.6.4 <b>Static strength</b> .....	<b>31</b>
<b>6</b> <b>Marking</b> .....	<b>31</b>
<b>7</b> <b>Information to be supplied by the manufacturer</b> .....	<b>31</b>
Bibliography.....	32

**Figures**

Figure 1 — Examples of anchor systems that include an anchor device (1 of 2) .....	7
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Figure 1 — Examples of anchor systems that include an anchor device (2 of 2) .....	8
Figure 2 — Examples of anchor systems that are not covered by this European Technical Specification .....	9
Figure 3 — Example of a type A anchor devices with a fixing element .....	11
Figure 4 — Example of a type A anchor device with a structural anchor .....	11
Figure 5 — Examples of type B anchor devices .....	12
Figure 6 — Example of a type C anchor device .....	12
Figure 7 — Example of a type D anchor device .....	13
Figure 8 — Example of a type E anchor device .....	13
Figure 9 — Test lanyard for 200 kg mass dynamic strength test .....	16
Figure 10 – Dynamic test for type B anchor devices with legs (e.g. a tripod) and an anchor point(s) not on a leg .....	19
Figure 11 – Dynamic test for type B anchor devices with legs (e.g. a tripod) and an anchor point on a leg ....	20
Figure 12 – Static strength test for type B anchor devices with legs (e.g. a tripod) and an anchor point(s) not on a leg .....	21
Figure 13 – Static strength test for type B anchor device with legs (e.g. a tripod) and an anchor point on a leg .....	22
Figure 14 — Example of a single-span type C anchor device test arrangement .....	24
Figure 15 — Example of a multi-span type C anchor device test arrangement without a corner anchor .....	25
Figure 16 — Example of a multi-span type C anchor device test arrangement with a corner anchor .....	26
Figure 17 — Example of a type D anchor device test arrangement including a cantilever .....	28
Figure 18 — Example of a type D anchor device test arrangement including a rigid anchor line joint or junction and a corner anchor .....	29
Figure 19 — Example of a dynamic performance test apparatus for type E anchor devices .....	30

## **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 sustain 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 a 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 an element 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.