

This is a preview of "BS EN 4710-01:2015". [Click here to purchase the full version from the ANSI store.](#)

**BS EN 4710-01:2015**



**BSI Standards Publication**

# **Aerospace series — Quick release fastening systems for non-structural applications**

Part 01: Technical specification

**bsi.**

...making excellence a habit.™

This is a preview of "BS EN 4710-01:2015". [Click here to purchase the full version from the ANSI store.](#)

This British Standard is the UK implementation of EN 4710-01:2015.

The UK participation in its preparation was entrusted to Technical Committee ACE/12, Aerospace fasteners and fastening systems.

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

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

© The British Standards Institution 2015.  
Published by BSI Standards Limited 2015

ISBN 978 0 580 89130 4

ICS 49.035

**Compliance with a British Standard cannot confer immunity from legal obligations.**

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 31 October 2015.

#### **Amendments issued since publication**

Date	Text affected
------	---------------

---

This is a preview of "BS EN 4710-01:2015". [Click here to purchase the full version from the ANSI store.](#)

## EUROPÄISCHE NORM

October 2015

ICS 49.035

English Version

## Aerospace series - Quick release fastening systems for non-structural applications - Part 01: Technical specification

Série aérospatiale - Fixations rapides filetées pour applications non-structurales - Partie 01 : Spécification technique

Luft- und Raumfahrt - Schnellverschlüsse für nicht-strukturelle Anwendungen - Teil 01: Technische Lieferbedingungen

This European Standard was approved by CEN on 5 March 2015.

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.

CEN members are the national standards bodies of 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, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



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

**CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels**

This is a preview of "BS EN 4710-01:2015". [Click here to purchase the full version from the ANSI store.](#)

## Contents

	Page
European foreword.....	3
1 Scope.....	4
2 Normative references.....	4
3 Terms and definitions.....	4
4 Requirements.....	5
5 Inspections and tests.....	5
6 Test equipment and parameters.....	9
7 Quality assurance.....	10
8 Sampling.....	10

This is a preview of "BS EN 4710-01:2015". [Click here to purchase the full version from the ANSI store.](#)

## European foreword

This document (EN 4710-01:2015) has been prepared by the Aerospace and Defence Industries Association of Europe - Standardization (ASD-STAN).

After enquiries and votes carried out in accordance with the rules of this Association, this European Standard has received the approval of the National Associations and the Official Services of the member countries of ASD, prior to its presentation to CEN.

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 April 2016, and conflicting national standards shall be withdrawn at the latest by April 2016.

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.

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

This is a preview of "BS EN 4710-01:2015". [Click here to purchase the full version from the ANSI store.](#)

## 1 Scope

This European Standard specifies the required characteristics, inspections, tests, quality assurance requirements, conditions for qualification acceptance and delivery of quick release fastening systems.

This European Standard applies to all fastening systems for use in fuselage interior equipment and non-structural or secondary structural area.

It may be applied when referred to in the product standard or in a design specification.

## 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 2424, *Aerospace series — Marking of aerospace products*

EN 2826, *Aerospace series — Burning behaviour of non metallic materials under the influence of radiating heat and flames — Determination of gas components in the smoke*

EN 3844-2, *Aerospace series — Flammability of non metallic materials — Part 2: Small burner test, horizontal — Determination of the horizontal flame propagation*

EN 9100, *Quality Management Systems — Requirements for Aviation, Space and Defense Organizations*

EN 9102:2006, *Aerospace series — Quality systems — First article inspection*

EN 9133, *Aerospace series — Quality management systems — Qualification procedure for aerospace standard parts*

EN 10204, *Metallic products — Types of inspection documents*

EN ISO 8785, *Geometrical product specification (GPS) — Surface imperfections — Terms, definitions and parameters (ISO 8785)*

EN ISO 9001, *Quality management systems — Requirements (ISO 9001)*

EN ISO 9227, *Corrosion tests in artificial atmospheres — Salt spray tests (ISO 9227)*

FAR/JAR/CS 25.853, *Compartment Interiors* <sup>1)</sup>

## 3 Terms and definitions

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

### 3.1

#### **fasteners**

quick release fastening systems are parts, capable of being easily and quickly operated, with or without usage of special tools for closing and opening, for fastening and release of parts such as covers, linings, equipment, etc.

---

<sup>1)</sup> Published by: European Aviation Safety Agency, Postfach 101253, D-50452 Koeln, Germany.