



SLOVENSKI STANDARD
SIST EN 4710-007:2015

01-december-2015

Aeronavtika - Spončni sistemi za hitro sprostitvev za nestrukturne aplikacije - 007.
del: Držalni obroček

Aerospace series - Quick release fastening systems for non-structural applications - Part 007: Retaining grommet

Luft- und Raumfahrt - Druckverschlüsse nicht-strukturelle Anwendungen - Teil 007:
Haltering

iTeh STANDARD PREVIEW
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Série aérospatiale - Fixations rapides filetées pour applications non-structurales - Partie 007 : Œillet de retenue

[SIST EN 4710-007:2015](https://standards.iteh.ai/catalog/standards/sist/dad7aea8-0e1b-48e3-b4e5-58d38447f7ca/sist-en-4710-007-2015)

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Ta slovenski standard je istoveten z: EN 4710-07:2015

ICS:

49.030.01 Vezni elementi na splošno Fasteners in general

SIST EN 4710-007:2015

en,fr,de

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EUROPEAN STANDARD

EN 4710-07

NORME EUROPÉENNE

EUROPÄISCHE NORM

October 2015

ICS 49.035

English Version

Aerospace series - Quick release fastening systems for non-structural applications - Part 07: Retaining grommet

Série aérospatiale - Fixations rapides filetées pour applications non-structurales - Partie 07 : Oeillet de retenue

Luft- und Raumfahrt - Schnellverschlüsse für nicht-strukturelle Anwendungen - Teil 07: Haltering

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
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European foreword

This document (EN 4710-07:2015) 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.

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EN 4710-07:2015 (E)**1 Scope**

This European Standard specifies the dimensions, mass and tolerances of the retaining grommet for use in fuselage interior equipment and non-structural or secondary structural area.

This European Standard is to be used in conjunction with EN 4710-06 as described in EN 4710-02.

The applicable temperature range is -55 °C to 85 °C.

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 2424, *Aerospace series — Marking of aerospace products*

EN 4710-01, *Aerospace series — Quick release fastening systems for non-structural applications — Part 01: Technical specification*

EN 4710-02, *Aerospace series — Quick release fastening systems for non-structural applications — Part 02: Spring clamp stud combination*

EN 4710-06, *Aerospace series — Quick release fastening systems for non-structural applications — Part 06: Stud - quick-release and locking*

EN 22768-1:1993, *General tolerances — Part 1: Tolerances for linear and angular dimensions without individual tolerance indications (ISO 2768-1:1989)*

EN 22768-2:1993, *General tolerances — Part 2: Geometrical tolerances for features without individual tolerance indications (ISO 2768-2:1989)*

3 Requirements

3.1 Configuration, dimensions, tolerances and mass

The configuration, dimensions, tolerances and mass shall conform to Figure 1 and Table 1. Tolerances not specified, shall be in accordance with ISO 2768-mK (EN 22768-1:1993 and EN 22768-2:1993). Dimensions are unless otherwise specified per manufacturer's option.

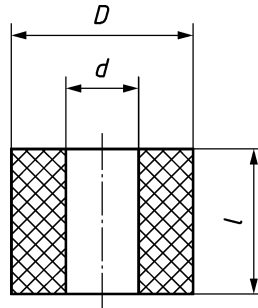


Figure 1 — Configuration grommet Rx

Table 1 — Dimensions and mass

Dimensions in millimetres

Type code	Length code ^a	$\varnothing D$	$\varnothing d$	l	Mass Approximate g
RS	05	6,0	2,4	0,5	0,02
	12			1,2	0,03
	17			1,7	0,05
	25			2,5	0,07
	32			3,2	0,08
	48			4,8	0,15
RM	17	9,5	4,0	1,7	0,12
	25			2,5	0,20
	40			4,0	0,28
	50			5,0	0,38
	60			6,0	0,48
RL	17	13,0	5,5	1,7	0,25
	25			2,5	0,35
	40			4,0	0,60
	56			5,6	0,90
	80			8,0	1,20

^a See "l" in 1/10 mm.

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3.2 Material

Material shall be in accordance with the Table 2.

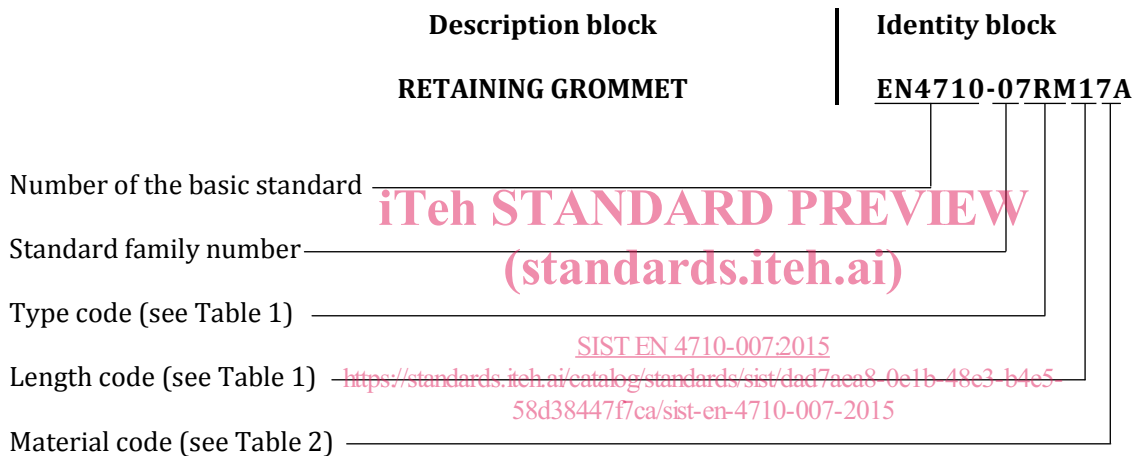
Table 2 — Material and hardness

Material code	Material	Hardness
A	Silicone	60 ± 5 IHDC Shore A

The silicone shall not have a live limit.

4 Designation

EXAMPLE



5 Marking

EN 2424, style G.