SLOVENSKI STANDARD
SIST EN 4644-201:2016

01-januar-2016

Aeronavtika - Konektor, električni in optični, pravokotni, modularni, pravokotni kontaktni vložki, stalna delovna temperatura 175 °C (ali 125 °C) - 201. del: Zaskočni in kodirni deli - Standard za proizvod

Aerospace series - Connector, electrical and optical, rectangular, modular, rectangular inserts, operating temperature 175 °C (or 125 °C) continuous - Part 201: Locking and polarizing hardware - Product standard

Luft- und Raumfahrt - Elektrische und optische Rechtecksteckverbinder, modular, rechteckige Kontakteinsätze, Dauerbetriebstemperatur 175 °C (oder 125 °C) konstant - Teil 201: Verriegelungs-und Kodierungsteile - Produktnorm

Série aérospatiale - Connecteur, électrique et optique, rectangulaire, modulaire, à inserts rectangulaires, température de fonctionnement 175 °C (ou 125 °C) continu - Partie 201 : Système de verrouillage et polarisation - Norme de produit

Ta slovenski standard je istoveten z: EN 4644-201:2015

ICS:

31.220.10	Vtiči in vtičnice, konektorji	Plug-and-socket devices. Connectors
49.060	Letalska in vesoljska električna oprema in sistemi	Aerospace electric equipment and systems

SIST EN 4644-201:2016 **en,fr,de**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 4644-201

November 2015

ICS 49.060; 49.090

English Version

Aerospace series - Connector, electrical and optical, rectangular, modular, rectangular inserts, operating temperature 175 °C (or 125 °C) continuous - Part 201: Locking and polarizing hardware - Product standard

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This European Standard was approved by CEN on 30 June 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

Ref. No. EN 4644-201:2015 E

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European foreword

This document (EN 4644-201:2015) 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 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 May 2016, and conflicting national standards shall be withdrawn at the latest by May 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.

1 Scope

This European Standard specifies central coupling mechanism for size 2 disconnect housing used in the family of modular rectangular electrical and optical connector with rectangular inserts.

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 4644-001, *Aerospace series — Connector, electrical and optical, rectangular, modular, rectangular inserts operating temperature 175 °C (or 125 °C) continuous — Part 001: Technical specification*

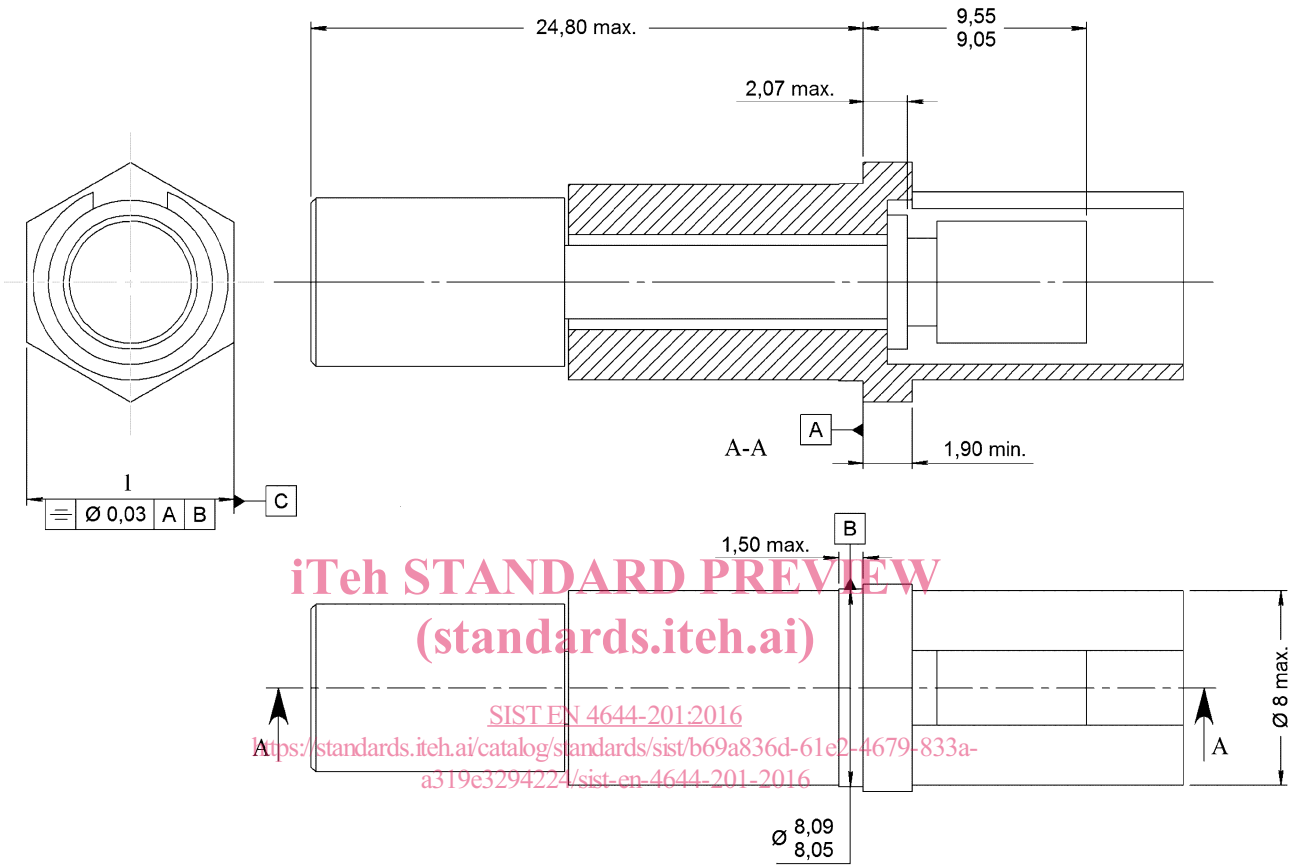
3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 4644-001 apply.

4 Required characteristics

4.1 Centre coupling screw dimensions

See Figure 1.



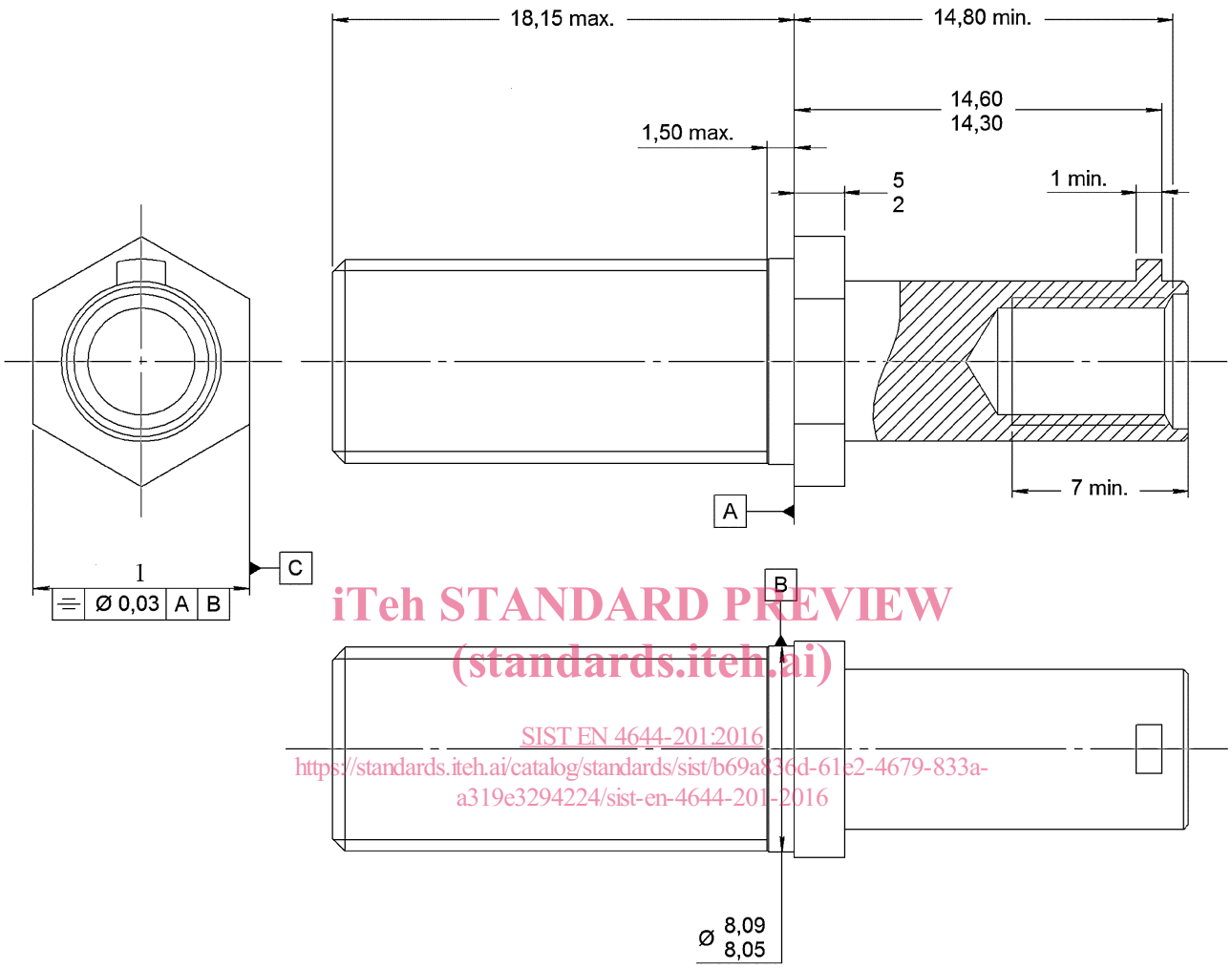
Key

1 HEX. 8,50 / 8,40

Figure 1 — Centre coupling screw

4.2 Centre coupling nut dimensions

See Figures 2 and 3.



Key

1 HEX. 8,50 / 8,40

Figure 2 — Centre coupling nut

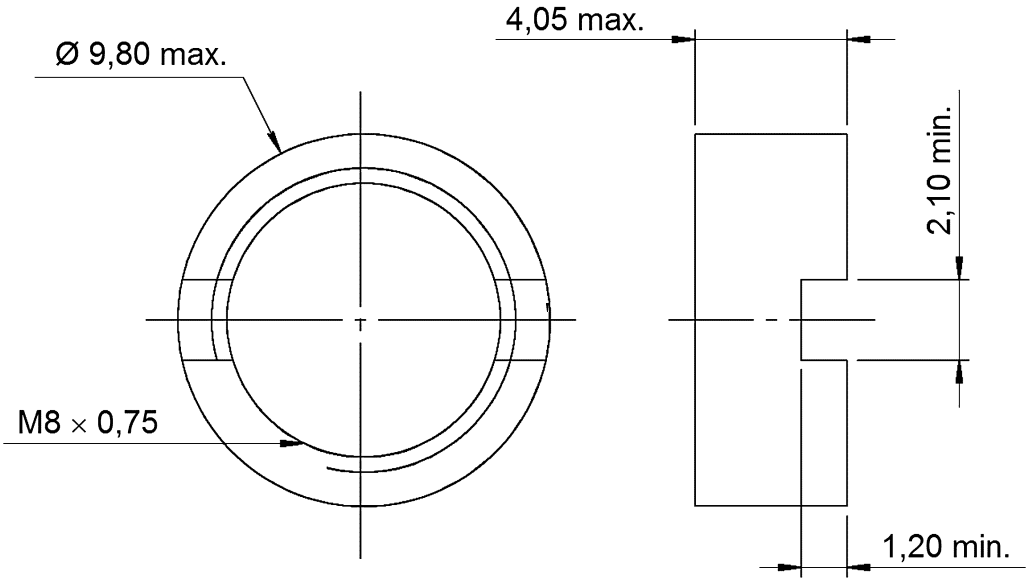


Figure 3 — Fixing nut

4.3 Mass

20 g max. for the all locking and polarizing hardware.

5 Designation

EXAMPLE

Description block	Identity block
POLARIZATION HARDWARE	EN 4644-201MS

Number of this standard

Material
M: Metallic

Polarizing type:
S: Centre coupling screw
N: Centre coupling nut

6 Marking

Marking is not required on centre coupling mechanism.

7 Technical specification

See EN 4644-001.