

SLOVENSKI STANDARD

SIST EN 4008-014:2009

01-julij-2009

Aeronavtika - Elementi električnih in optičnih povezav - Orodje za stiskanje in pripadajoča oprema - 014. del: Pozicionirna naprava za kleščice M22520/31-01 - Standard za proizvod

Aerospace series - Elements of electrical and optical connection - Crimping tools and associated accessories - Part 014: Turret for crimping tool M22520/31-01 - Product standard

Luft- und Raumfahrt - Elektrische und optische Verbindungselemente - Crimpwerkzeug und zugehöriges Zubehör - Teil 014: Positionierer für Crimpzange M22520/31-01 - Produktnorm

Série aérospatiale - Organes de connexion électrique et optique - Outils de sertissage et accessoires associés - Partie 014 : Positionneur pour pince à sertir M22520/31-01 - Norme de produit

Ta slovenski standard je istoveten z: EN 4008-014:2006

ICS:

49.060

Letalska in vesoljska
električna oprema in sistemi

Aerospace electric
equipment and systems

SIST EN 4008-014:2009

en,de

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 4008-014

May 2006

ICS 49.060

English Version

**Aerospace series - Elements of electrical and optical connection
- Crimping tools and associated accessories - Part 014: Turret
for crimping tool M22520/31-01 - Product standard**

Série aérospatiale - Organes de connexion électrique et
optique - Outils de sertissage et accessoires associés -
Partie 014 : Positionneur pour pince à sertir M22520/31-01
- Norme de produit

Luft- und Raumfahrt - Elektrische und optische
Verbindungselemente - Crimpwerkzeug und Zugehöriges
Zubehör - Teil 014: Positionierer für Crimpzange
M22520/31-01 - Produktnorm

This European Standard was approved by CEN on 3 April 2006.

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 Central Secretariat 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 Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
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Foreword

This European Standard (EN 4008-014:2006) has been prepared by the European Association of Aerospace Manufacturers - Standardization (AECMA-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 AECMA, 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 November 2006, and conflicting national standards shall be withdrawn at the latest by November 2006.

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, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

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EN 4008-014:2006 (E)

1 Scope

This standard specifies the characteristics for the turret used with the M22520/31 crimping tool to crimp electrical contacts according to EN 4008-002.

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 2591-100, *Aerospace series — Elements of electrical and optical connection — Test methods — Part 100: General.*

EN 3155-030, *Aerospace series — Electrical contacts used in elements of connection — Part 030: Contacts, electrical, coaxial, shielded, size 12, male, type D, crimp, class R — Product standard.* ¹⁾

EN 3155-031, *Aerospace series — Electrical contacts used in elements of connection — Part 031: Contacts, electrical, coaxial, shielded, size 12, female, type D, crimp, class R — Product standard.* ¹⁾

EN 4008-001, *Aerospace series — Elements of electrical and optical connection — Crimping tools and associated accessories — Part 001: Technical specification.*

EN 4008-002, *Aerospace series — Elements of electrical and optical connection — Crimping tools and associated accessories — Part 002: List of product standards.*

MIL-C-22520/31, *Crimping tool, terminal, hand, for shielded size 12 outer contacts.* ²⁾

3 Terms and definitions

For the purposes of this standard, the terms and definitions given in EN 2591-100 apply.

4 Required characteristics

4.1 Description

Securing the turret on the crimping tool is provided by the combined action of the two bayonets and the pressure from the internal spring on the central moving part (locator).

The appropriate longitudinal positioning of the contact with respect to the crimping tool indenters is performed by the contact butting against a shoulder on the central part bore.

4.2 Dimensions, mass

Dimensions of turret are given in Figure 1.

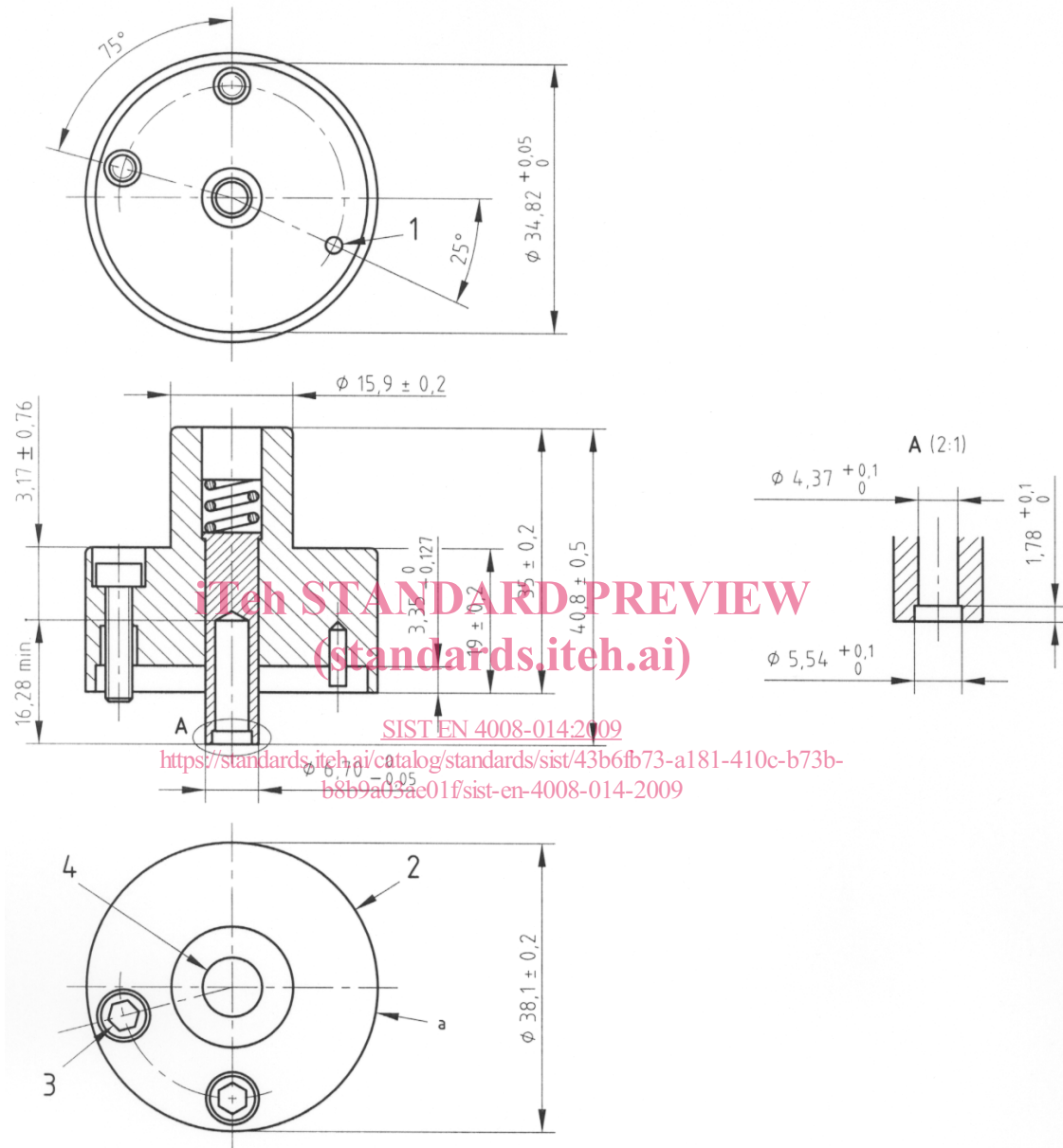
Mass: 225 g max.

1) Published as AECMA Prestandard at the date of publication of this standard.

2) Published by : Department of Defense (DOD), the Pentagon, Washington D.C. 20301 USA.

Dimensions and tolerances are given in millimetres.

General tolerances: $\pm 0,25$ mm



Key

- 1 $\phi 1,57 \pm 0,05$ - 3,17 protrusion
- 2 Stamp on this surface 2,38 high EN 4008-14
- 3 3,55 hex socket head cap screw - 32 UNC 2A
- 4 Spring retainer blue anodize

a

(MFRS NAME & P/N)	
EN 4008-014	OUTER PIN
USE WITH	& SOCKET
M22520/31	EN 3155-030
BASIC TOOL	EN 3155-031

Figure 1

EN 4008-014:2006 (E)**4.3 Material, surface treatment**

Turret body: aluminium alloy, colour blue

Turret locator: stainless steel

5 Designation

EXAMPLE

Description Block	Identity Block
TURRET	EN4008-014
Number of this standard _____	

NOTE If necessary, the code I9005 shall be placed between the description block and the identity block.

6 Marking

See Figure 1.

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7 Technical specification

See EN 4008-001.

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