

# **SLOVENSKI STANDARD**

## **SIST EN 4008-017:2009**

**01-julij-2009**

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**Aeronavtika - Elementi električnih in optičnih povezav - Orodje za stiskanje in pripadajoča oprema - 017. del: Pozicionirna naprava za kleščice M22520/4-01 - Standard za proizvod**

Aerospace series - Elements of electrical and optical connection - Crimping tools and associated accessories - Part 017: Head for crimping tool M22520/4-01 - Product standard

Luft- und Raumfahrt - Elektrische und optische Verbindungselemente - Crimpwerkzeug und Zugehöriges Zubehör - Teil 017: Positionierer für Crimpzange M22520/4-01 - Produktnorm

Série aérospatiale - Organes de connexion électrique et optique - Outils de sertissage et accessoires associés - Partie 017 : Positionneur pour pince à sertir M22520/4-01 - Norme de produit

**Ta slovenski standard je istoveten z: EN 4008-017:2006**

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**ICS:**

49.060

Letalska in vesoljska  
električna oprema in sistemi

Aerospace electric  
equipment and systems

**SIST EN 4008-017:2009**

**en,de**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 4008-017**

December 2006

ICS 49.060

English Version

**Aerospace series - Elements of electrical and optical connection  
- Crimping tools and associated accessories - Part 017: Head  
for crimping tool M22520/4-01 - Product standard**

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Norme de produit

Luft- und Raumfahrt - Elektrische und optische  
Verbindungselemente - Crimpwerkzeug und Zugehöriges  
Zubehör - Teil 017: Positionierer für Crimzange M22520/4-  
01 - Produktnorm

This European Standard was approved by CEN on 28 September 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.



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## Foreword

This document (EN 4008-017:2006) 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 June 2007, and conflicting national standards shall be withdrawn at the latest by June 2007.

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 4008-017:2006 (E)****1 Scope**

This standard specifies the characteristics for the head used with M22520/4-01 (see MIL-C-22520/4) crimping tool to crimp electrical contact 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 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-22520/4, *Crimping tools, contact, electric, hand for shielded outer contacts.* <sup>1)</sup>

**3 Terms and definitions**

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

**4 Required characteristics****4.1 Description**

Orientation of the head on the crimping tool is provided by a locating pin on the head. Securing of the head on the crimping tool is provided by two socket cap head captive screws on the head (see Figure 1).

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.

Locator shall be fitted with a spring having a  $(210 \pm 20)$  N.m<sup>-1</sup> spring stiffness.

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

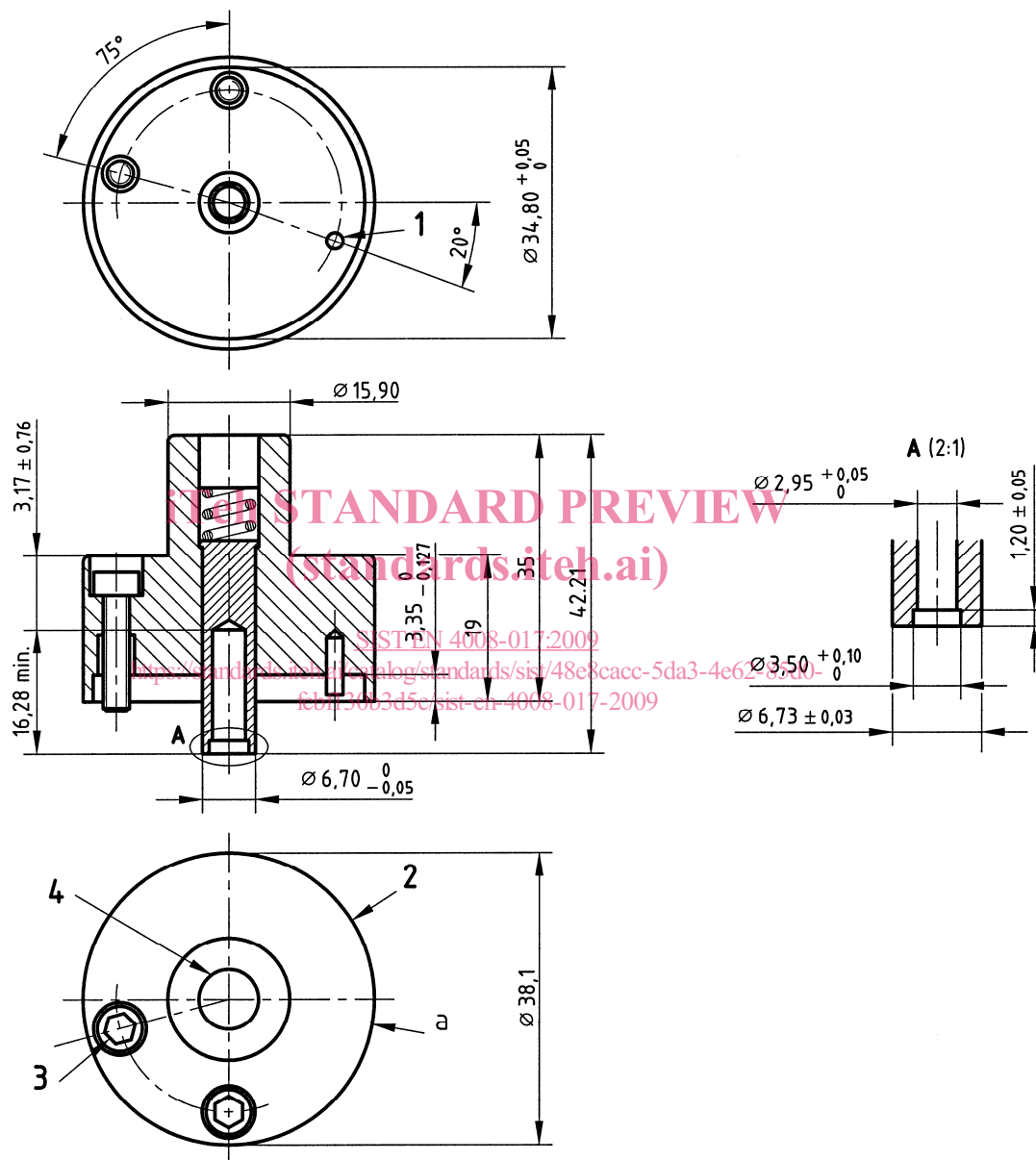
## 4.2 Dimensions and mass

Dimensions of positioner are given in Figure 1.

Mass: 70 g max.

Dimensions and tolerances are given in millimetres.

General tolerances:  $\pm 0,25$  mm



### Key

- 1  $\varnothing 1,57 \pm 0,05 - 3,17$  protrusion
- 2 Stamp on this surface 2,38 high: EN4008-017
- 3 3,55 hex socket head cap screw – 32 UNC 2A
- 4 Spring retainer blue anodize

a

|                                                |                                    |
|------------------------------------------------|------------------------------------|
| EN 4008-017 use with<br>M22520/4-01 Basic tool | Outer pin and socket<br>EN3155-028 |
|------------------------------------------------|------------------------------------|

Figure 1

**EN 4008-017:2006 (E)****4.3 Material, surface treatment**

Positioner body: aluminium alloy, colour blue.

Positioner locator: stainless steel.

Not applicable.

**5 Designation**

EXAMPLE

| Description block       | Identity block    |
|-------------------------|-------------------|
| POSITIONER              | <u>EN4008-017</u> |
| 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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