



# SLOVENSKI STANDARD SIST EN 4008-005:2009

01-julij-2009

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Aerospace series - Elements of electrical and optical connection - Crimping tools and associated accessories - Part 005: Positioner for crimping tool M22520/2-01 - Product standard

**STANDARD PREVIEW**

Luft- und Raumfahrt - Elektrische und optische Verbindungselemente - Crimpwerkzeuge und zugehöriges Zubehör - Teil 005: Positionierer für Crimpzange M22520/2-01 - Produktnorm

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Série aérospatiale - Organes de connexion électrique et optique - Outils de sertissage et accessoires associés - Partie 005 : Positionneur pour pince à sertir M22520/2-01 - Norme de produit

**Ta slovenski standard je istoveten z: EN 4008-005:2006**

**ICS:**

49.060 Š^cp \ æš Á^• [ |b \ æ Aerospace electric  
^|\ dã } æ] !^ { æš Á ã c { ã equipment and systems

**SIST EN 4008-005:2009**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 4008-005**

July 2006

ICS 49.060

English Version

**Aerospace series - Elements of electrical and optical connection  
- Crimping tools and associated accessories - Part 005:  
Positioner for crimping tool M22520/2-01 - Product standard**

Série aérospatiale - Organes de connexion électrique et  
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Norme de produit

Luft- und Raumfahrt - Elektrische und optische  
Verbindungselemente - Crimpwerkzeug und zugehöriges  
Zubehör - Teil 005: Positionierer für Crimpzange M22520/2-  
01 - Produktnorm

This European Standard was approved by CEN on 6 February 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 European Standard (EN 4008-005:2006) has been prepared by the AeroSpace and Defense 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 January 2007, and conflicting national standards shall be withdrawn at the latest by January 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 4008-005:2006 (E)****1 Scope**

This standard specifies the characteristics for the positioner used with the M22520/2-01 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 3155-032, *Aerospace series — Electrical contacts used in elements of connection — Part 032: Contacts, electrical, coaxial, shielded, size 5, male, type D, crimp, class R — Product standard*<sup>1)</sup>

EN 3155-033, *Aerospace series — Electrical contacts used in elements of connection — Part 033: Contacts, electrical, coaxial, shielded, size 5, female, type D, crimp, class R — Product standard*<sup>1)</sup>

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-22520/2, *Crimping tools, terminal, hand, wire termination for wire barrel sizes 20 through 28*<sup>2)</sup>

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**3 Terminology**

See EN 2591-100.

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

Securing the positioner 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.

Locator shall be spring loaded so as to depress 0,79 mm with a force of  $(9 \pm 4,5)$  N.

1) In preparation at the date of publication of this standard.

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

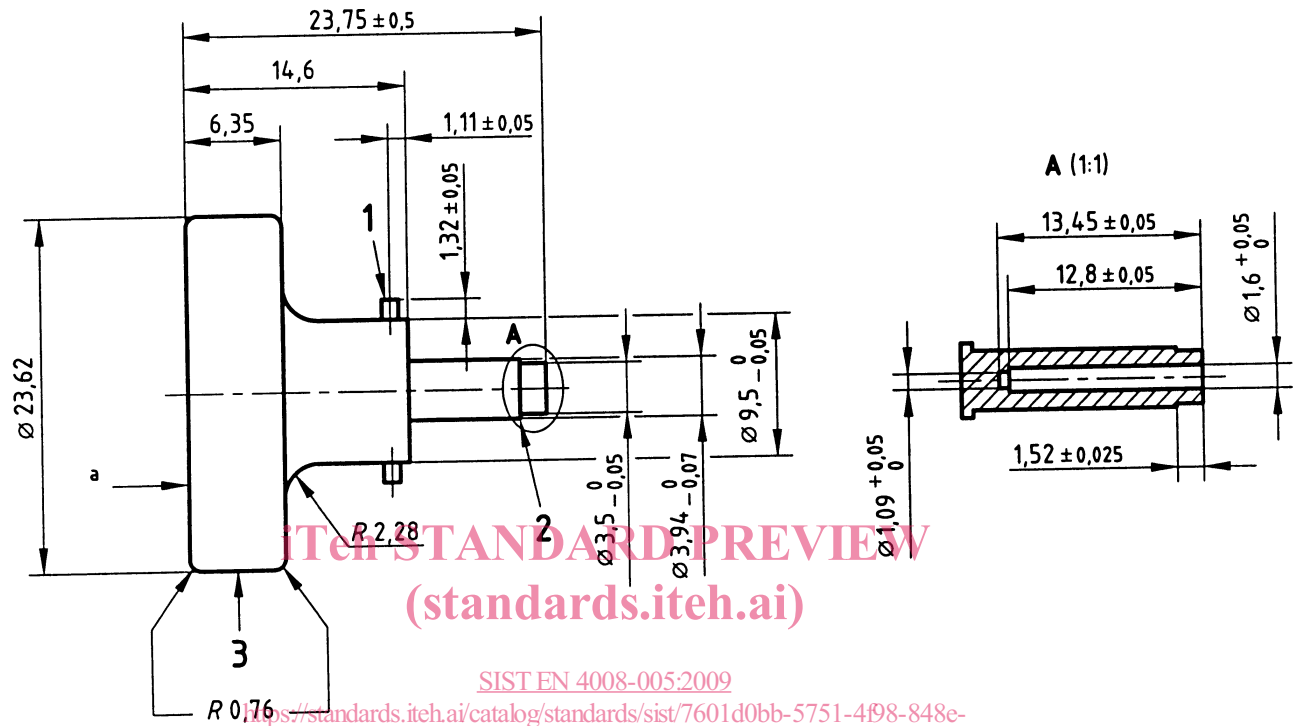
## 4.2 Dimensions, mass

Dimensions of positioner are given in Figure 1.

Mass: 30 g max.

Dimensions and tolerances are given in millimetres.

General tolerances:  $\pm 0,25$  mm



### Key

- 1 Bayonet lock pin  $\varnothing 1,09 \pm 0,025$
- 2 Locator in extended position
- 3 Stamp on this surface EN 4008-013 use with M22520/2 basic tool

a Use with contact

WIRE	XA	XG
SEL	5	5
EN 3155-032		
EN 3155-033		

Figure 1

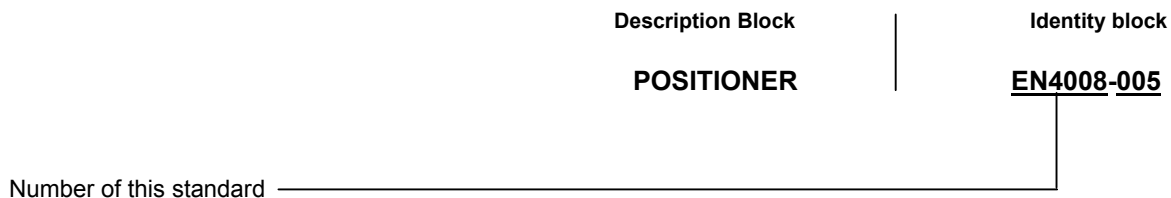
## 4.3 Material, surface treatment

Positioner body: aluminium alloy, colour blue.

Positioner ferrule: stainless steel.

**EN 4008-005:2006 (E)****5 Designation**

EXAMPLE



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

**6 Marking**

See Figure 1.

**7 Technical specification**

See EN 4008-001.

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