



# SLOVENSKI STANDARD

## SIST EN 4008-007:2011

01-oktober-2011

Nadomešča:

SIST EN 4008-007:2009

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**Aeronavtika - Elementi električnih in optičnih povezav - Orodje za stiskanje in pripadajoča oprema - 007. del: Pozicionirna naprava za klešče M22520/2-01 - Standard za izdelek**

Aerospace series - Elements of electrical and optical connection - Crimping tools and associated accessories - Part 007: Positioner for crimping tool M22520/2-01 - Product standard

**iTeh STANDARD PREVIEW**

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Luft- und Raumfahrt - Elektrische und optische Verbindungselemente - Crimpwerkzeug und zugehöriges Zubehör - Teil 007: Positionierer für Crimpzange M22520/2-01 - Produktnorm

[SIST EN 4008-007:2011](https://standards.iteh.ai/catalog/standards/sist/ab56a4de-f6ba-4a23-af25-98bef430eb39/sist-en-4008-007-2011)

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Série aérospatiale - Organes de connexion électrique et optique - Outils de sertissage et accessoires associés - Partie 007 : Positionneur pour pince à sertir M22520/2-01 - Norme de produit

**Ta slovenski standard je istoveten z: EN 4008-007:2011**

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**ICS:**

49.060

Letalska in vesoljska  
električna oprema in sistemi

Aerospace electric  
equipment and systems

**SIST EN 4008-007:2011**

**en,fr,de**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 4008-007**

July 2011

ICS 49.060

Supersedes EN 4008-007:2006

English Version

**Aerospace series - Elements of electrical and optical connection  
- Crimping tools and associated accessories - Part 007:  
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 007: Positionierer für Crimpzange M22520/2-  
01 - Produktnorm

This European Standard was approved by CEN on 4 May 2011.

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, 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  
EUROPÄISCHES KOMITEE FÜR NORMUNG

**Management Centre: Avenue Marnix 17, B-1000 Brussels**

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## Foreword

This document (EN 4008-007:2011) has been prepared by the Aerospace and Defence Industries Association of Europe - Standardization (ASD-STAN).

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 2012, and conflicting national standards shall be withdrawn at the latest by January 2012.

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.

This document supersedes EN 4008-007:2006.

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.

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, 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 4008-007:2011 (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 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-22520/2-01, *Crimping tools, terminal, hand, wire termination for wire barrel sizes 20 through 28*<sup>1)</sup>

**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 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 that it depresses by 0,79 mm when a force of  $(9 \pm 4,5)$  N is applied.

**4.2 Dimensions, mass**

Dimensions of positioner are given in Figure 1.

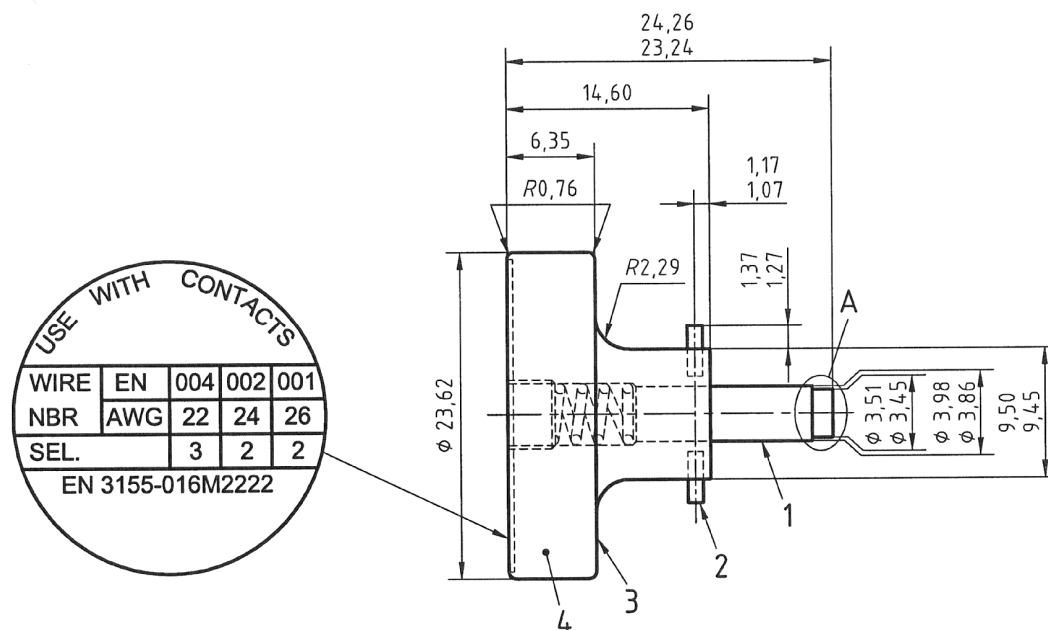
Mass: 30 g max.

Dimensions and tolerances are given in millimetres.

General tolerances:  $\pm 0,25$  mm.

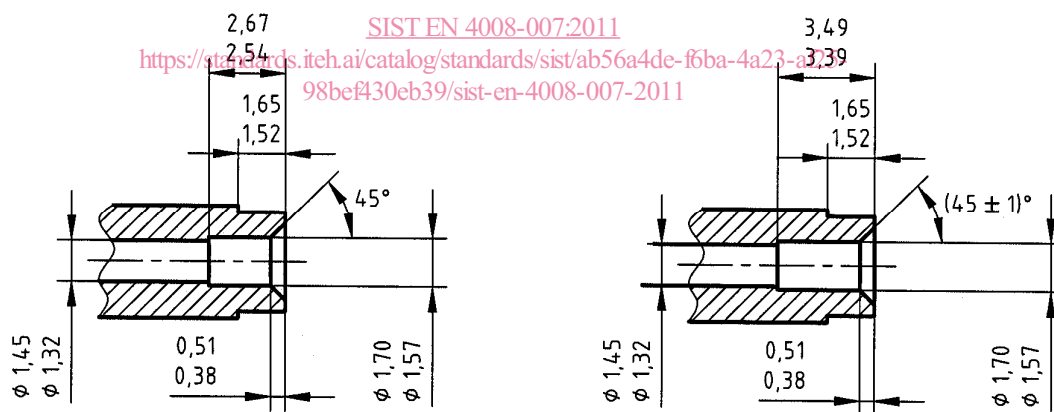
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1) Published by: DoD National (US) Mil. Department of Defense <http://www.defenselink.mil/>.



Data plate

iTech STANDARD PREVIEW  
 Detail A — For Model 1      Detail A — For Model 2  
 DO NOT USE FOR NEW DESIGN (standards.itech.ai)

**Key**

- 1 Bayonet lock pins  $1,07 \text{ mm} \leq \varnothing \leq 1,1 \text{ mm}$
- 2 Locator in extended position
- 3 Mark on this surface: Manufacturer's name and P/N
- 4 Mark on this surface: EN4008-007 or EN4008-007A "use with M22520/2-01 basic tool"

Figure 1

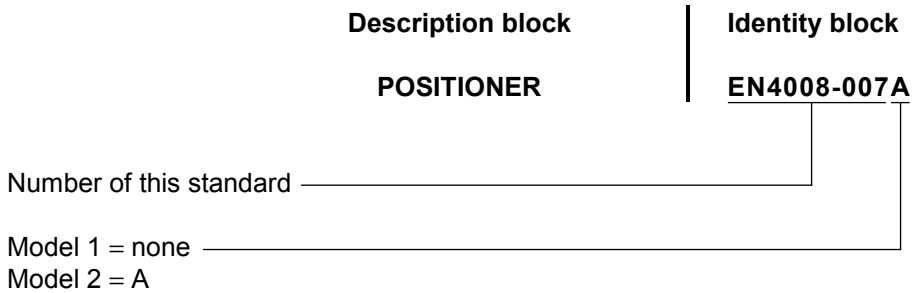
**EN 4008-007:2011 (E)****4.3 Material, surface treatment**

Positioner body: aluminium alloy, colour blue.

Positioner ferrule: stainless steel.

**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.

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**7 Technical specification**

See EN 4008-001.

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