



# SLOVENSKI STANDARD SIST EN 4008-015:2009

01-julij-2009

5 YfcbUj h\_U!`9`Ya Ybh`YY\_f] b] ]b`cdh] b] ]dcj YnUj `!`CfcX`Y`nU`ghg\_Ub`Y]b  
df]dUXUc UcdfYa U!`\$%) "XY. Dcn]Wcb]fbU`bUdfUj UnU`\_Yy YA &&) &\$#&!\$%!  
GHubXUfX`nUdfc]nj cX

Aerospace series - Elements of electrical and optical connection - Crimping tool and associated accessories - Part 015: Positioner for crimping tool M22520/2-01 - Product standard

**iTeh STANDARD PREVIEW**

Luft- und Raumfahrt - Elektrische und optische Verbindungselemente - Crimpwerkzeug und Zugehöriges Zubehör - Teil 015: Positionierer für Crimzange M22520/2-01 - Produktnorm

[SIST EN 4008-015:2009](https://standards.iteh.ai/catalog/standards/sist/ce1d6858-7d4c-445c-ac6b-352000000000/sist-en-4008-015-2009)

[https://standards.iteh.ai/catalog/standards/sist/ce1d6858-7d4c-445c-ac6b-](https://standards.iteh.ai/catalog/standards/sist/ce1d6858-7d4c-445c-ac6b-352000000000/sist-en-4008-015-2009)

Série aérospatiale - Organes de connexion électrique et optique - Outils de sertissage et accessoires associés - Partie 015: Positionneur pour pince à sertir M22520/2-01 - Norme de produit

**Ta slovenski standard je istoveten z: EN 4008-015:2007**

**ICS:**

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

**SIST EN 4008-015:2009 en**

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

SIST EN 4008-015:2009

<https://standards.iteh.ai/catalog/standards/sist/ce1d6858-7d4c-445c-ac6b-59ae4d964e01/sist-en-4008-015-2009>

EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 4008-015**

November 2007

ICS 49.060

English Version

**Aerospace series - Elements of electrical and optical connection  
- Crimping tool and associated accessories - Part 015:  
Positioner for crimping tool M22520/2-01 - Product standard**

Série aérospatiale - Organes de connexion électrique et  
optique - Outils de sertissage et accessoires associés -  
Partie 015: Positionneur pour pince à sertir M22520/2-01 -  
Norme de produit

Luft- und Raumfahrt - Elektrische und optische  
Verbindungselemente - Crimpwerkzeug und Zugehöriges  
Zubehör - Teil 015: Positionierer für Crimzange M22520/2-  
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 CEN 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 Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, 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: rue de Stassart, 36 B-1050 Brussels**

**Contents**

Page

Foreword.....	3
1 <b>Scope</b> .....	4
2 <b>Normative references</b> .....	4
3 <b>Terms and definitions</b> .....	4
4 <b>Required characteristics</b> .....	4
4.1 <b>Description</b> .....	4
4.2 <b>Dimensions and mass</b> .....	5
4.3 <b>Material, surface treatment</b> .....	5
5 <b>Designation</b> .....	6
6 <b>Marking</b> .....	6
7 <b>Technical specification</b> .....	6

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

[SIST EN 4008-015:2009](https://standards.iteh.ai/catalog/standards/sist/ce1d6858-7d4c-445c-ac6b-59ae4d964e01/sist-en-4008-015-2009)

<https://standards.iteh.ai/catalog/standards/sist/ce1d6858-7d4c-445c-ac6b-59ae4d964e01/sist-en-4008-015-2009>

## Foreword

This document (EN 4008-015:2007) 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 2008, and conflicting national standards shall be withdrawn at the latest by May 2008.

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, 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.

**ITEH STANDARD PREVIEW**  
**(standards.iteh.ai)**

[SIST EN 4008-015:2009](https://standards.iteh.ai/catalog/standards/sist/ce1d6858-7d4c-445c-ac6b-59ae4d964e01/sist-en-4008-015-2009)

<https://standards.iteh.ai/catalog/standards/sist/ce1d6858-7d4c-445c-ac6b-59ae4d964e01/sist-en-4008-015-2009>

**EN 4008-015:2007 (E)****1 Scope**

This standard specifies the characteristics for the positioner used with M22520/2-01 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-22520/2, *Crimping tools, terminal, hand, wire termination for wire barrel sizes 20 through 28.* <sup>1)</sup>

**iTeh STANDARD PREVIEW**  
(standards.iteh.ai)

**3 Terms and definitions**

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

[SIST EN 4008-015:2009](https://standards.iteh.ai/catalog/standards/sist/en-4008-015-2009)

**4 Required characteristics**

<https://standards.iteh.ai/catalog/standards/sist/en-4008-015-2009>

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

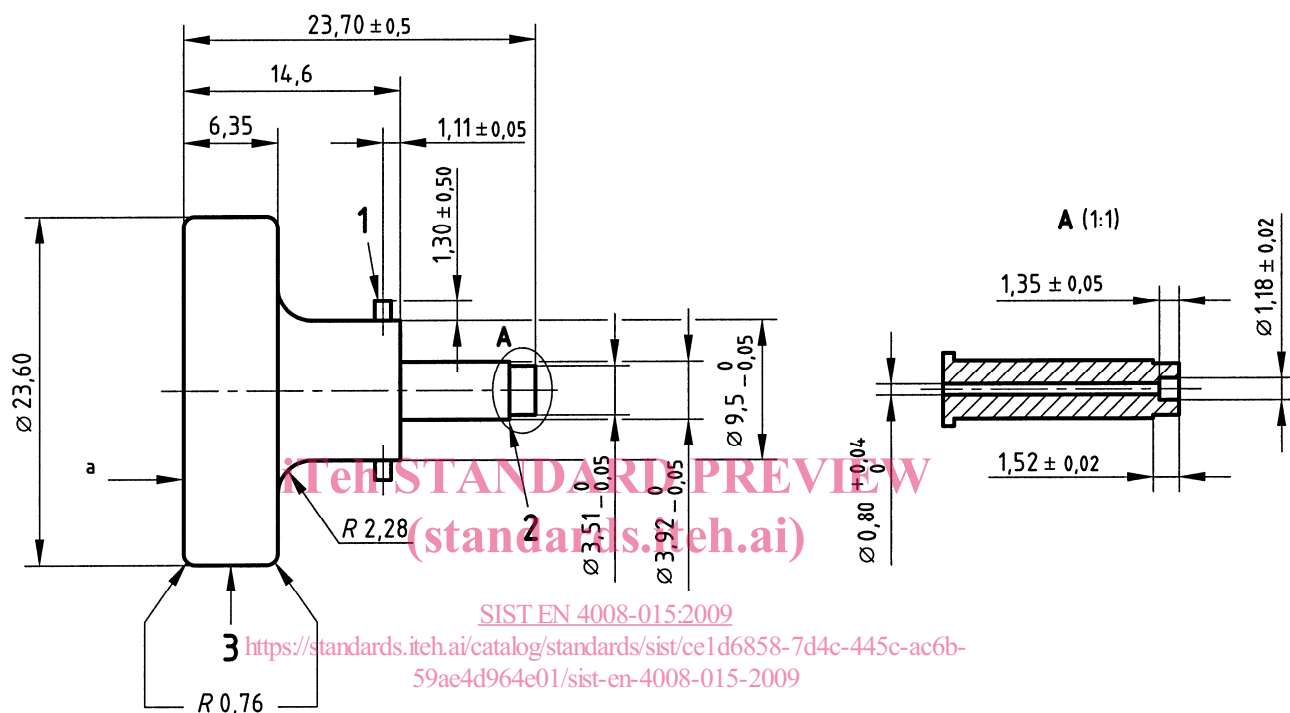
## 4.2 Dimensions and mass

Dimensions of positioner are given in Figure 1.

Mass: 11 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: "EN4008-015 use with M22520/2-01" (conform to MIL-C-22250/2)

<sup>a</sup> Use with contact

WIRE	WK	WL	WS	XY	WG	XE
SEL	2	1	2	1	1	2
EN3155-028						
EN3155-029						

Figure 1 — Positioner

## 4.3 Material, surface treatment

Positioner body: aluminium alloy, color blue

Positioner locator: stainless steel

Not applicable

**EN 4008-015:2007 (E)****5 Designation**

EXAMPLE

Description Block	Identity Block
POSITIONER	<u>EN4008-015</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.

**7 Technical specification**

See EN 4008-001.

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

SIST EN 4008-015:2009

<https://standards.iteh.ai/catalog/standards/sist/ce1d6858-7d4c-445c-ac6b-59ae4d964e01/sist-en-4008-015-2009>