
Aeronavtika - Elementi električnih in optičnih povezav - Orodje za stiskanje in pripadajoča oprema - 018. del: Pozicionirna naprava za orodje za stiskanje M22520/2-01 - Standard za proizvod

Aerospace series - Elements of electrical and optical connection - Crimping tool and associated accessories - Part 018: Positioner for crimping tool M22520/2-01 - Product standard

Luft- und Raumfahrt - Elektrische und optische Verbindungselemente - Crimpwerkzeuge und zugehöriges Zubehör - Teil 018: Positionierer für Crimpzange M22520/2-01 - Produktnorm

Série aérospatiale - Organes de connexion électrique et optique - Outils de sertissage et accessoires associés - Partie 018: Positionneur pour pince à sertir M22520/2-01 - Norme de produit

Ta slovenski standard je istoveten z: EN 4008-018:2014

ICS:

49.060

Letalska in vesoljska
električna oprema in sistemi

Aerospace electric
equipment and systems

SIST EN 4008-018:2014

en,fr,de

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 4008-018

July 2014

ICS 49.060

English Version

**Aerospace series - Elements of electrical and optical connection
- Crimping tool and associated accessories - Part 018: Positioner
for crimping tool M22520/2-01 - Product standard**

Série aérospatiale - Organes de connexion électrique et
optique - Outils de sertissage et accessoires associés -
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Norme de produit

Luft- und Raumfahrt - Elektrische und optische
Verbindungselemente - Crimpwerkzeuge und zugehöriges
Zubehör - Teil 018: Positionierer für Crimpzange M22520/2-
01 - Produktnorm

This European Standard was approved by CEN on 12 October 2013.

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, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION
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Foreword

This document (EN 4008-018:2014) 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 January 2015, and conflicting national standards shall be withdrawn at the latest by January 2015.

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

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EN 4008-018:2014 (E)**1 Scope**

This European 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 documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. 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*¹⁾

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3 Terms and definitions

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

[SIST EN 4008-018:2014](https://standards.iteh.ai/catalog/standards/sist/17c359a9-0d0d-41ed-9bf4-3acf5cc00813/sist-en-4008-018-2014)

<https://standards.iteh.ai/catalog/standards/sist/17c359a9-0d0d-41ed-9bf4-3acf5cc00813/sist-en-4008-018-2014>

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.

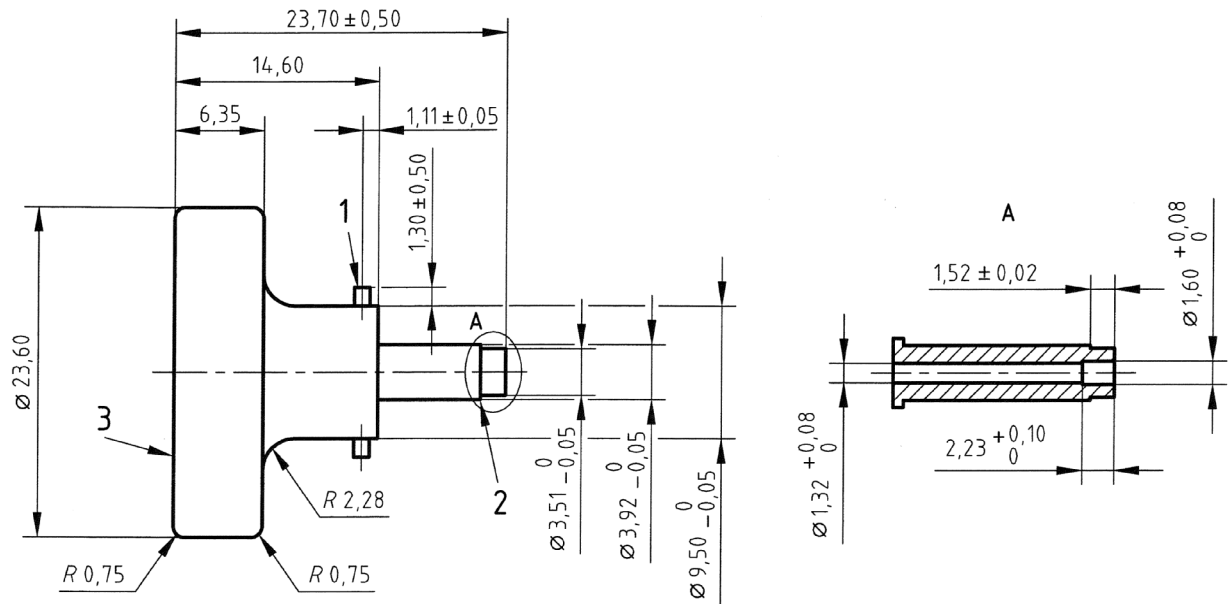
Locator shall be spring loaded so as to depress 0,79 mm with a force of $(9 \pm 4,5)$ N.

4.2 Dimensions

Dimensions of positioner are given in Figure 1.

Dimensions and tolerances are given in millimetres.

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

**Key**

- 1 Bayonet lock pin $\varnothing 1,09 \pm 0,025$
- 2 Locator in extended position
- 3 Stamp on this surface: "EN 4008-018 use with M22520/2-01" (conform to MIL-C-22520/2)

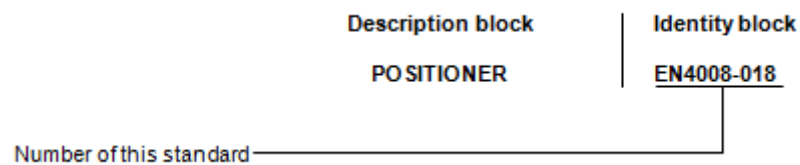
Figure 1
(standards.iteh.ai)

4.3 Material, surface treatment

Positioner body: aluminium alloy colour blue
Positioner locator: stainless steel

5 Designation

EXAMPLE

**6 Marking**

See Figure 1.

7 Technical specification

See EN 4008-001.