
Aeronavtika - Elementi električnih in optičnih povezav - Orodje za stiskanje in pripadajoča oprema - 003. del: Pozicionirna naprava za klešče M22520/2-01 - Standard za proizvod

Aerospace series - Elements of electrical and optical connection - Crimping tools and associated accessories - Part 003: Positioner for crimping tool M22520/2-01 - Product standard

Luft- und Raumfahrt - Elektrische und optische Verbindungselemente - Crimpwerkzeuge und zugehöriges Zubehör - Teil 003: Positionierer für Crimpzange M22520/2-01 - Produktnorm

Série aérospatiale - Organes de connexion électrique et optique - Outils de sertissage et accessoires associés - Partie 003: Positionneur pour pince à sertir M22520/2-01 - Norme de produit

Ta slovenski standard je istoveten z: EN 4008-003:2017

ICS:

49.060	Letalska in vesoljska električna oprema in sistemi	Aerospace electric equipment and systems
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SIST EN 4008-003:2017

en,fr,de

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EUROPEAN STANDARD

EN 4008-003

NORME EUROPÉENNE

EUROPÄISCHE NORM

March 2017

ICS 49.060

English Version

**Aerospace series - Elements of electrical and optical
connection - Crimping tools and associated accessories -
Part 003: Positioner for crimping tool M22520/2-01 -
Product standard**

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Verbindungselemente - Crimpwerkzeuge und
zugehöriges Zubehör - Teil 003: Positionierer für
Crimpzange M22520/2-01 - Produktnorm

This European Standard was approved by CEN on 2 January 2017.

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, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION
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EUROPÄISCHES KOMITEE FÜR NORMUNG

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European foreword

This document (EN 4008-003:2017) 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 September 2017 and conflicting national standards shall be withdrawn at the latest by September 2017.

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, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

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EN 4008-003:2017 (E)**1 Scope**

This European 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 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 3155-024, *Aerospace series — Electrical contacts used in elements of connection — Part 024: Contacts, electrical, triaxial, size 8, male, type D, crimp, class S — Product standard*

EN 3155-025, *Aerospace series — Electrical contacts used in elements of connection — Part 025: Contacts, electrical, triaxial, size 8, female, type D, crimp, class S — Product standard*

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*

SAE AS 22520/2-01, *Crimping Tools, Terminal, Hand, Wire Termination for Wire Barrel Sizes 20 through 28*¹⁾

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**

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.

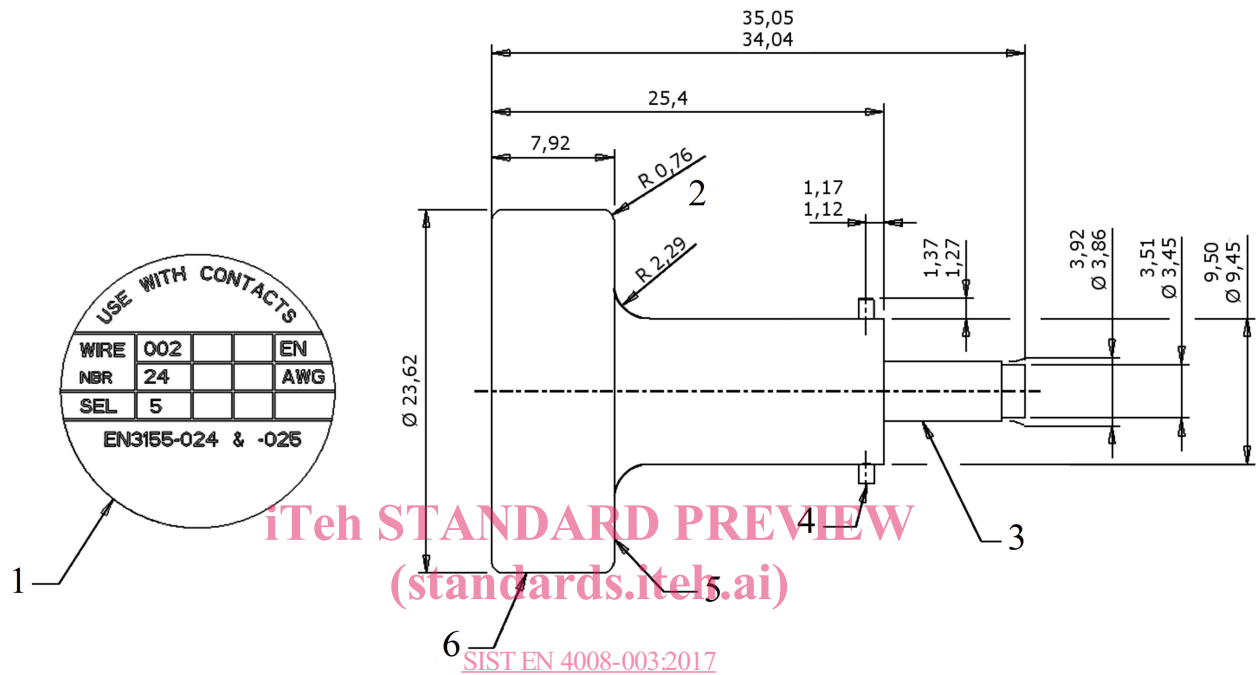
1) Published by: SAE National (US) Society of Automotive Engineers <http://www.sae.org/>

4.2 Dimensions

Dimensions of positioner are given in Figure 1.

Dimensions are given in millimetres.

General tolerances: $\pm 0,127$ mm



Key

- 1 Data plate
- 2 2 places
- 3 Locator in extended position, see Figure 2.
- 4 Bayonet lock pins $\varnothing 1,12$
 $\varnothing 1,07$
- 5 Mark on this surface: Manufacturer's name and Part Number
- 6 Mark on this surface: EN 4008-003 "use with M22520/2-01 basic tool" (conform to SAE AS 22520/2-01)

Figure 1 — Locator assembly

EN 4008-003:2017 (E)

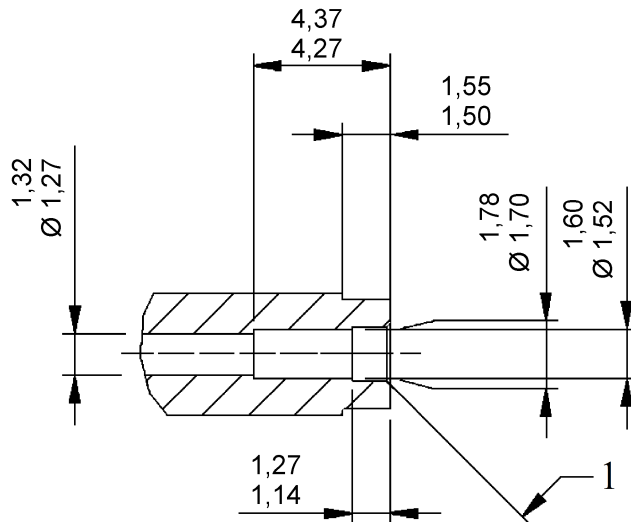
**Key**1 $0,127 \times 45^\circ$ chamfer

Figure 2 — Detail A

5 Designation

EXAMPLE

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Description block	Identity block
http://standards.iteh.ai/catalog/standards/sist-en-4008-003-2017	SIST EN 4008-003:2017
POSITIONER	EN 4008-003
	http://standards.iteh.ai/catalog/standards/sist-en-4008-003-2017

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.