

SVENSK STANDARD

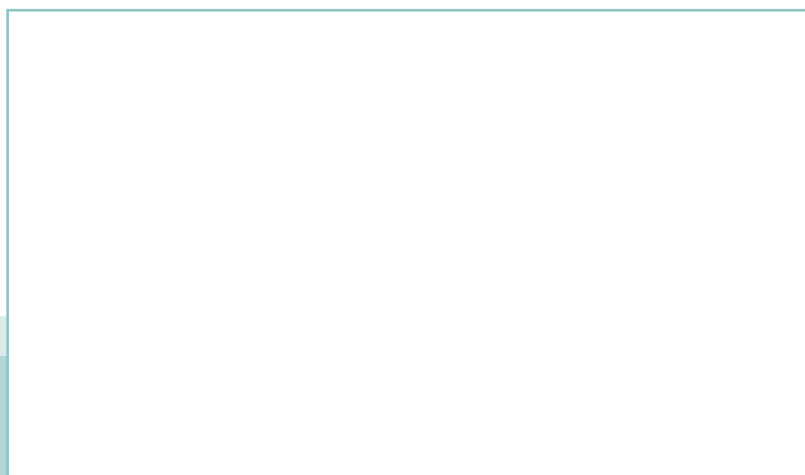
SS-EN 4008-003:2017



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**Flyg- och rymdteknik – Elektriska och optiska kontaktdon –
Kontaktpressningsverktyg och relaterade tillbehör –
Del 003: Positionerare för kontaktpressningsverktyg M22520/2-01 –
Produktstandard**

**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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The European Standard EN 4008-003:2017 has the status of a Swedish Standard. This document contains the official version of EN 4008-003:2017.

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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

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

Luft- und Raumfahrt - Elektrische und optische 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
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

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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.

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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.

SS-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/>