
Aeronavtika - Elementi električnih in optičnih povezav - Orodje za stiskanje in pripadajoča oprema - 004. del: Orodje za stiskanje M22520/5-01 - Standard za proizvod

Aerospace series - Elements of electrical and optical connection - Crimping tools and associated accessories - Part 004: Die for crimping tool M22520/5-01 - Product standard

Luft- und Raumfahrt - Elektrische und optische Verbindungselemente - Crimpwerkzeuge und zugehöriges Zubehör - Teil 004: Positionierer für Crimpzange M22520/5-01 - Produktnorm

Série aérospatiale - Organes de connexion électrique et optique - Outils de sertissage et accessoires associés - Partie 004: Positionneur pour pince à sertir M22520/5-01 - Norme de produit

Ta slovenski standard je istoveten z: EN 4008-004:2017

ICS:

49.060	Letalska in vesoljska električna oprema in sistemi	Aerospace electric equipment and systems
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SIST EN 4008-004:2017

en,fr,de

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EUROPEAN STANDARD

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English Version

Aerospace series - Elements of electrical and optical connection - Crimping tools and associated accessories - Part 004: Die for crimping tool M22520/5-01 - Product standard

Série Aérospatiale - Organes de connexion électrique et optique - Outils de sertissage et accessoires associés - Partie 004 : Positionneur pour pince à sertir M22520/5-01 - Norme de produit

Luft- und Raumfahrt - Elektrische und optische Verbindungselemente - Crimpwerkzeuge und zugehöriges Zubehör - Teil 004: Crimpbacken für Crimpzange M22520/5-01 - Produktnorm

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

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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

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European foreword

This document (EN 4008-004:2017) 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 March 2018, and conflicting national standards shall be withdrawn at the latest by March 2018.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN 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 4008-004:2017 (E)**1 Scope**

This European Standard specifies the characteristics for the crimp dies used with the M22520/5-01 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 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 22520/5-01, *Crimping Tools, Terminal, Hand, Wire Termination. Large for Coaxial, Shielded Contacts and Ferrules, Terminal Lugs, Splices and End Caps*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.

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4 Required characteristics**4.1 Description**

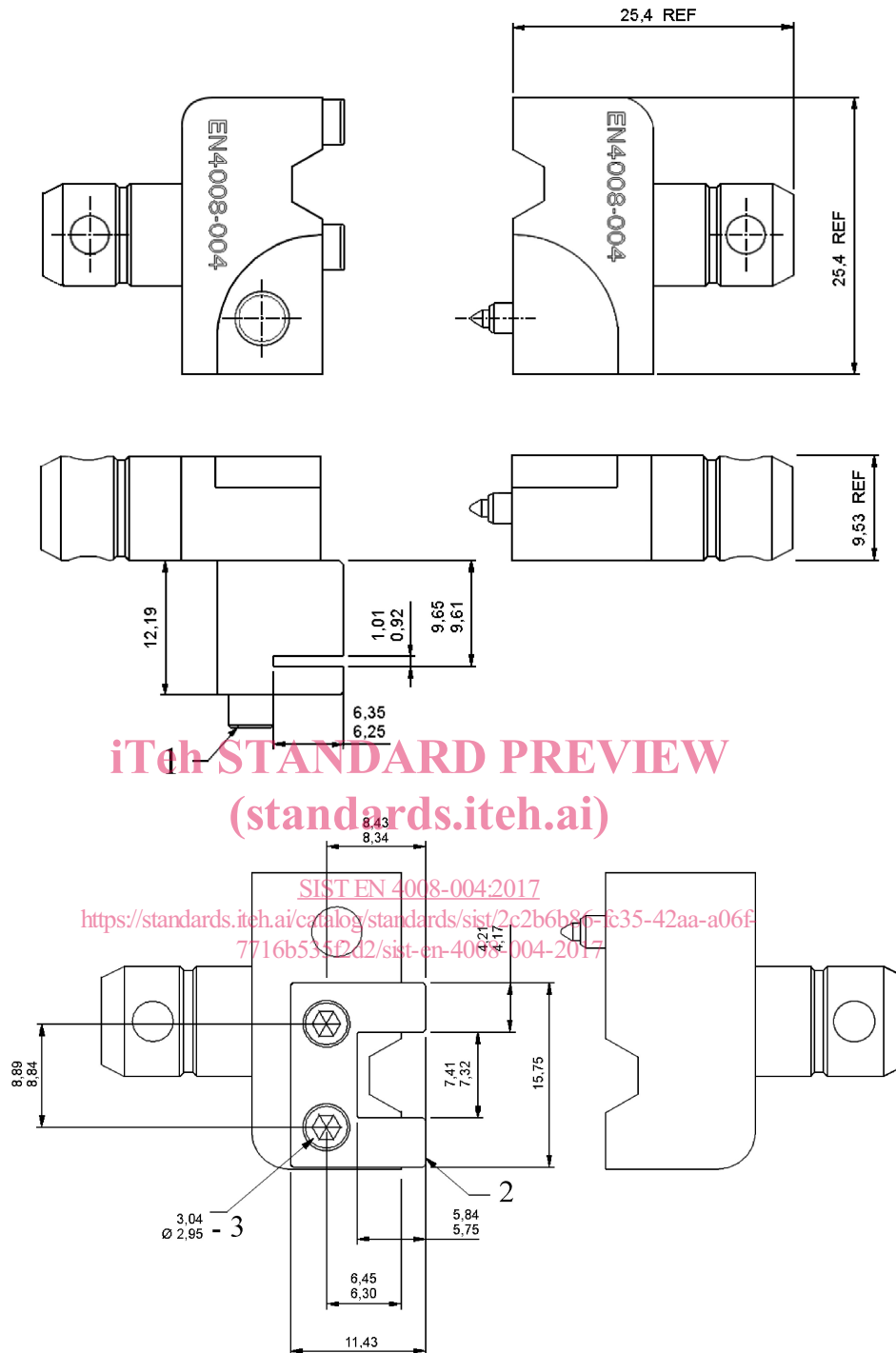
Securing the dies on the crimping tool is provided by the location of the undercut on the die lug into the spring retention mechanism of the crimp tool.

The appropriate longitudinal positioning of the contacts with respect to the crimp dies is provided by correct location of the contact into fixed positions on the crimp dies.

4.2 Dimensions

See Figures 1 to 3.

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



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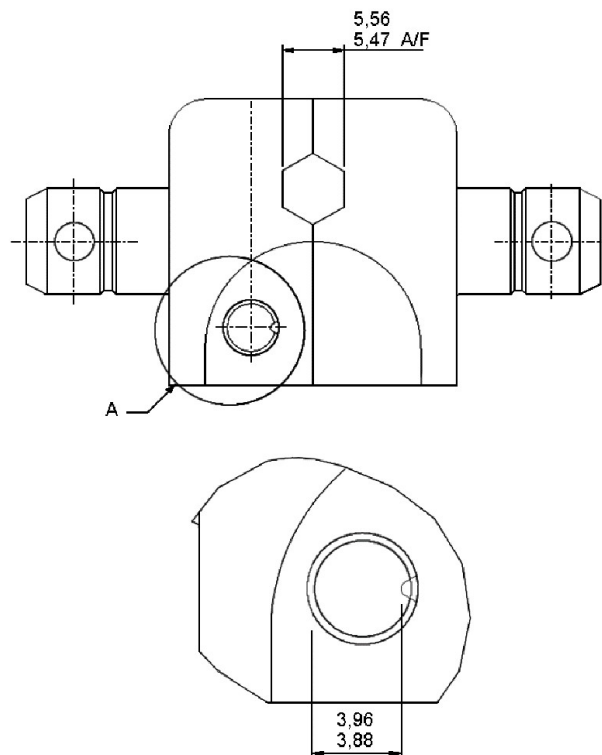
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Key

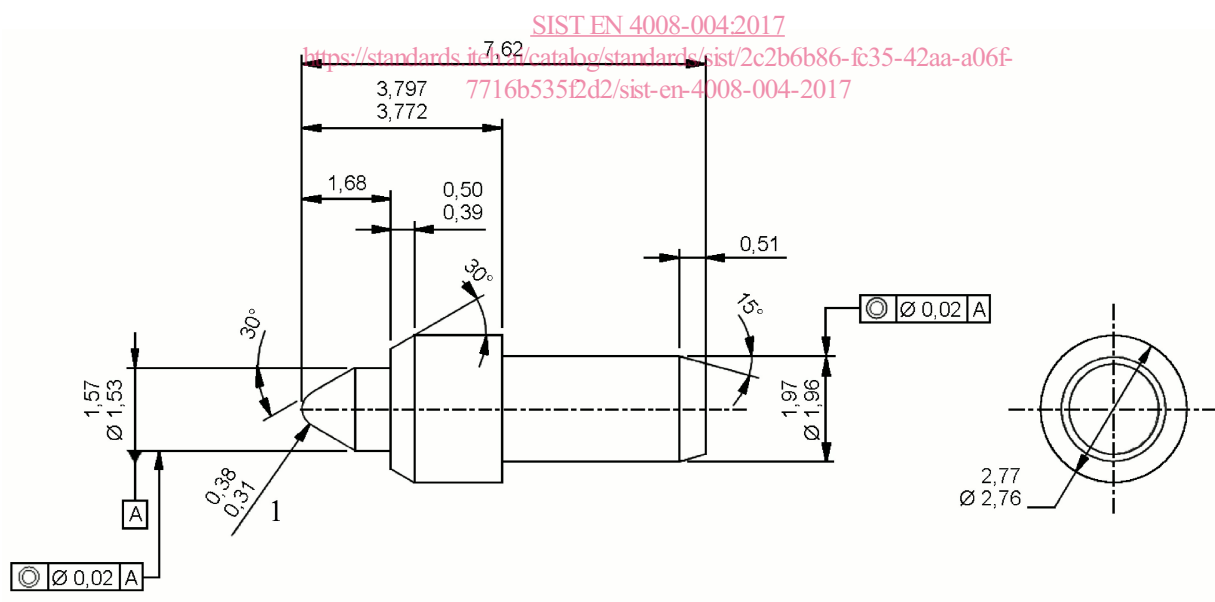
- M10 cap HD bolt
- Guide plate
- Type 2 places

Figure 1 — Crimp die assembly



Detail A – Pin position when jaws are closed
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Figure 2 — Dimensions jaws closed



Key

- 1 Spherical radius to blend

Figure 3 — Indenter