

5 YfcbUj h_U! ?cbY_lcf jZY_Y_f] b]ždfUj c_ctb]žg`hYgb]bc`_Udc`U]`VfYn`b`Yž
d`Ugh] bc`c\ j`YžnUdcfb]a Y Ub]nYa žXYcj bUHYa dYfUi fUa YX`È) `š7`j`b`%+) `š7`!
\$\$, "XY.`CfcX`U`n`U`b`Ua Yý Ub`Y`j`b`c`XglfUb`Y`j`Ub`Y`df]lfX]h] Yb] `j`b`_cX]f`b]`
g]ghYa cj `!`GhUbXUfX`n`U`dfc]nj cX

Aerospace series - Connectors, electrical, rectangular, with sealed and non-sealed rear, plastic housing, locking device, operating temperatures - 55 C to 175 C - Part 008: Tools for assembly/removal of coding and attachment system - Product standard

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Luft- und Raumfahrt - Elektrische Rechtecksteckverbinder mit und ohne hintere Abdichtung, Plastikgehäuse, Verriegelungssystem, Betriebstemperaturen von - 55 C bis 175 C - Teil 008: Ein- und Ausbauwerkzeuge für Befestigungs- und Kodierungssystem - Produktnorm

<https://standards.iteh.ai/catalog/standards/sist/cdad4e6c-debd-4e0a-b446-245597d15456/sist-en-3545-008-2009>

Série aérospatiale - Connecteurs électriques, rectangulaires, étanches et non étanches à l'arrière, à boîtier en plastique, à verrouillage, températures d'utilisation - 55 C à 175 C - Partie 008 : Outils d'assemblage/démontage du système de codage et de fixation - Norme de produit

Ta slovenski standard je istoveten z: EN 3545-008:2006

ICS:

49.060 Š^cp \ aš Ą^• [|b \ æ Aerospace electric
^|\ dā } aš] !^ { aš Ą ã c { ã equipment and systems

SIST EN 3545-008:2009

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EUROPEAN STANDARD

EN 3545-008

NORME EUROPÉENNE

EUROPÄISCHE NORM

August 2006

ICS 49.060

English Version

Aerospace series - Connectors, electrical, rectangular, with sealed and non-sealed rear, plastic housing, locking device, operating temperatures - 55 °C to 175 °C - Part 008: Tools for assembly/removal of coding and attachment system - Product standard

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Luft- und Raumfahrt - Elektrische Rechtecksteckverbinder mit und ohne hintere Abdichtung, Plastikgehäuse, Verriegelungssystem, Betriebstemperaturen von - 55 °C bis 175 °C - Teil 008: Ein- und Ausbauwerkzeuge für Befestigungs- und Kodierungssystem - Produktnorm

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This European Standard was approved by CEN on 24 June 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 Central Secretariat 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 Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, 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
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EUROPÄISCHES KOMITEE FÜR NORMUNG

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Foreword

This European Standard (EN 3545-008:2006) 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 February 2007, and conflicting national standards shall be withdrawn at the latest by February 2007.

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, 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.

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EN 3545-008:2006 (E)**1 Scope**

This standard specifies the characteristics of tools for assembly/removal of coding and attachment systems in family of rectangular electrical connector with sealed and non-sealed version rear, plastic housing, locking device, for operating temperatures from -55 °C to 175 °C for aerospace application.

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 2424, *Aerospace series — Marking of aerospace products.*

EN 2591-100, *Aerospace series — Elements of electrical and optical connection — Test methods — Part 100: General.*

EN 3545-005, *Aerospace series — Connectors, electrical, rectangular, with sealed and non-sealed rear, plastic housing, locking device, operating temperatures -55 °C to 175 °C — Part 005: Female coding and attachment system for mounting on free housing (plug) — Product standard.*

EN 3545-006, *Aerospace series — Connectors, electrical, rectangular, with sealed and non-sealed rear, plastic housing, locking device, operating temperatures -55 °C to 175 °C — Part 006: Male coding and attachment system for mounting on fixed housing (receptacle) — Product standard.*

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3 Terms and definitions

SIST EN 3545-008:2009

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

4 Required characteristics**4.1 Description**

4.1.1 Tool allows the removal of coding and attachment system EN 3545-005 and EN 3545-006 (tool type A).

2 models are available:

Model 01: Tool fitted with a spring piston system (see Figure 1).

The removal operation is made by depressing the piston after insertion of tool in front face in the attachment and coding system housing of the connector.

Model 02: Tool fitted with a spring system (see Figure 2).

The removal operation is made by depressing the tool body after insertion of tool in front face in the attachment and coding system housing of the connector (side marked "M" for male coding and attachment system EN 3545-006, and side marked "F" for female coding and attachment system EN 3545-005).

4.1.2 Tool for torquing male coding and attachment system EN 3545-006 for mounting on fixed housing (receptacle).

Tool serves to fit, to remove and to torque tighten the male coding and attachment system EN 3545-006 and to ensure the attachment of connector housing on panel (tool type B).

2 models are available:

Model 01: Manual tool (see Figure 3).

Model 02: Attachment for power or torquing tool (see Figure 4).

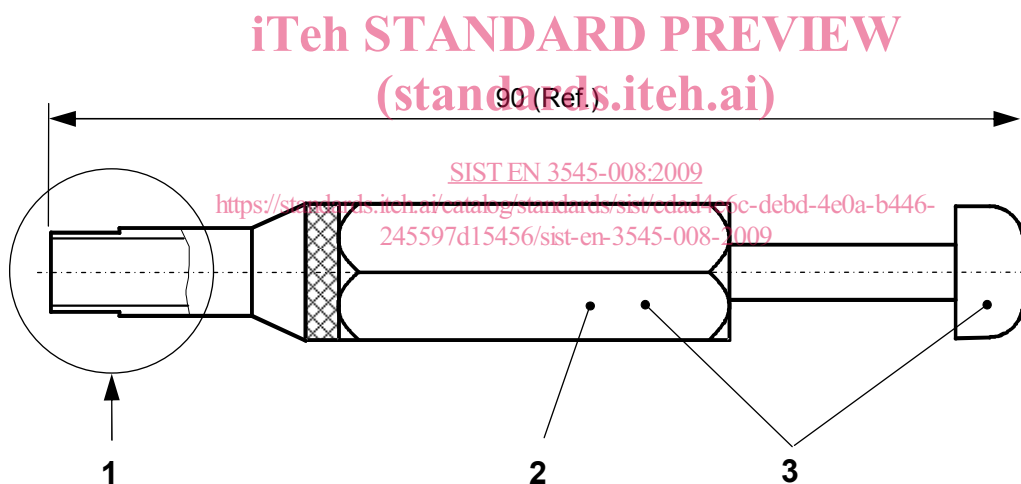
4.2 Materials, treatments

Not specified but shall be compatible with the required use.

4.3 Dimensions

See Figures 1 to 4.

Dimensions are given in millimetres.

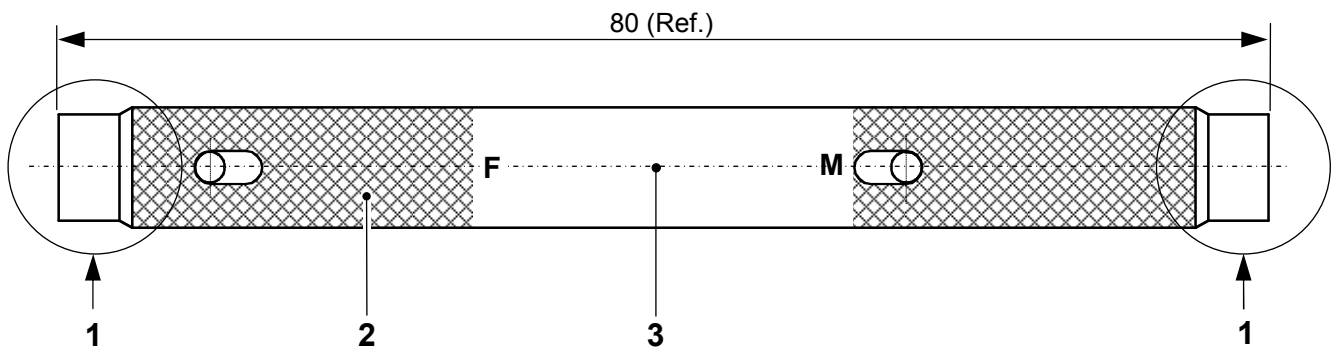


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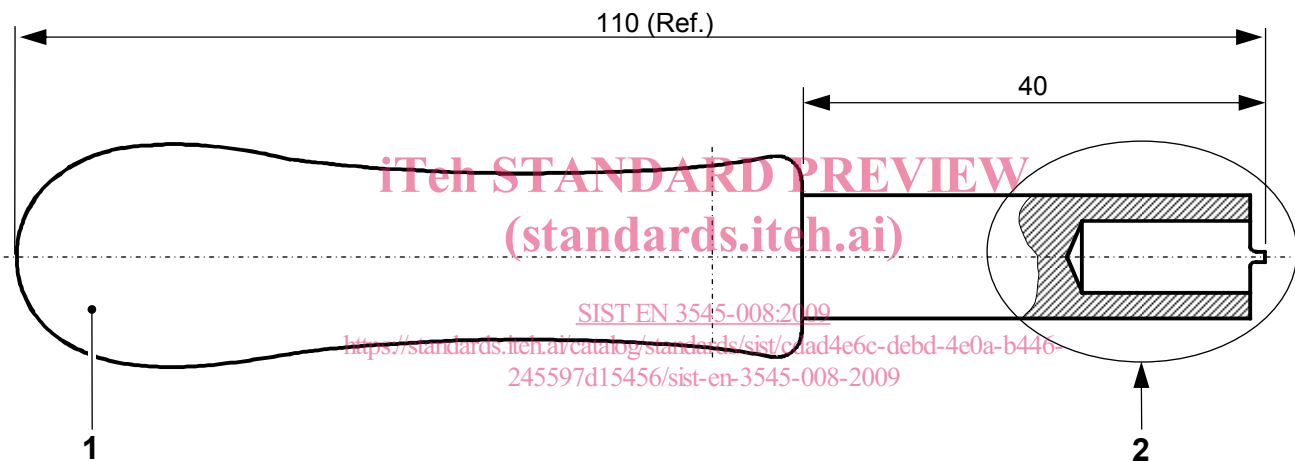
- 1 Dimensions compatible with the required use (see EN 3545-005 and EN 3545-006).
- 2 Marking see clause 6.
- 3 Optional form.

Figure 1 — Typical configuration of type A model 01

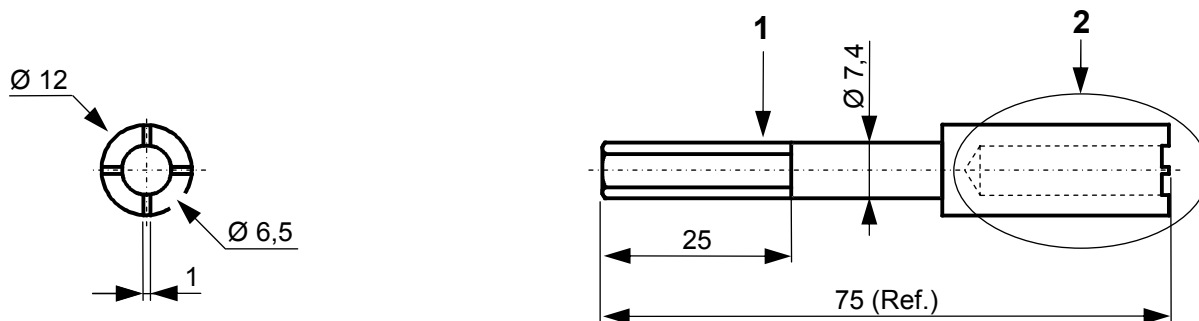
EN 3545-008:2006 (E)

**Key**

- 1 Dimensions compatible with the required use (see EN 3545-005 and EN 3545-006).
- 2 Knurl.
- 3 Marking see clause 6.

Figure 2 — Typical configuration of type A model 02**Key**

- 1 Optional form.
- 2 Dimensions compatible with the required use (see EN 3545-006).

Figure 3 — Typical configuration of type B model 01**Key**

- 1 Hex form (6,35 across flats).
- 2 Dimensions compatible with the required use (see EN 3545-006).

Figure 4 — Typical configuration of type B model 02