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IRISH STANDARD

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ICS 49.060

**AEROSPACE SERIES - ELEMENTS OF
ELECTRICAL AND OPTICAL CONNECTION -
CRIMPING TOOLS AND ASSOCIATED
ACCESSORIES - PART 017: HEAD FOR
CRIMPING TOOL M22520/4-01 - PRODUCT
STANDARD**

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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 017: Head
for crimping tool M22520/4-01 - Product standard**

Série aérospatiale - Organes de connexion électrique et
optique - Outils de sertissage et accessoires associés -
Partie 017 : Positionneur pour pince à sertir M22520/4-01 -
Norme de produit

Luft- und Raumfahrt - Elektrische und optische
Verbindungselemente - Crimpwerkzeug und Zugehöriges
Zubehör - Teil 017: Positionierer für Crimzange M22520/4-
01 - Produktnorm

This European Standard was approved by CEN on 28 September 2006.

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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 Central Secretariat has the same status as the official versions.

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EN 4008-017:2006 (E)

Contents

Page

Foreword.....	3
1 Scope	4
2 Normative references	4
3 Terms and definitions	4
4 Required characteristics	4
5 Designation	6
6 Marking	6
7 Technical specification	6

Foreword

This document (EN 4008-017:2006) 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of an identical text or by endorsement, at the latest by June 2007, and conflicting national standards shall be withdrawn at the latest by June 2007.

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EN 4008-017:2006 (E)

1 Scope

This standard specifies the characteristics for the head used with M22520/4-01 (see MIL-C-22520/4) crimping tool to crimp electrical contact according to EN 4008-002.

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 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-22520/4, *Crimping tools, contact, electric, hand for shielded outer contacts.* 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

Orientation of the head on the crimping tool is provided by a locating pin on the head. Securing of the head on the crimping tool is provided by two socket cap head captive screws on the head (see Figure 1).

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 fitted with a spring having a (210 ± 20) N.m⁻¹ spring stiffness.

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