SLOVENSKI STANDARD
SIST EN 3475-501:2004

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Aerospace series - Cables, electrical, aircraft use - Test methods - Part 501: Dynamic cut-through

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Luft- und Raumfahrt - Elektrische Leitungen für Luftfahrt, Verwendung - Prüfverfahren - Teil 501: Kerbfestigkeit

Série aérospatiale - Câbles électriques à usage aéronautique - Méthodes d'essai - Partie 501 : Résistance a la coupure

Ta slovenski standard je istoveten z: **EN 3475-501:2002**

ICS:

49.060	Letalska in vesoljska elektriļ na oprema in sistemi	Aerospace electric equipment and systems

SIST EN 3475-501:2004 **en**

EUROPEAN STANDARD

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Aerospace series - Cables, electrical, aircraft use - Test methods - Part 501: Dynamic out-through

Série aérospatiale - Câbles électriques à usage aéronautique - Méthodes d'essais - Partie 501: Résistance à la coupure

Luft- und Raumfahrt - Elektrische Leitungen für Luftfahrt, Verwendung - Prüfverfahren - Teil 501: Kerbfestigkeit

This European Standard was approved by CEN on 6 August 2001.

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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 Management Centre has the same status as the official versions.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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Foreword

This document (EN 3475-501:2002) has been prepared by the European Association of Aerospace Manufacturers (AECMA).

After inquiries 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 AECMA, prior to its presentation to CEN.

This European Standard shall be given the status of a national standards, either by publication of an identical text or by endorsement, at the latest by August 2002, and conflicting national standards shall be withdrawn at the latest by August 2002.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

1 Scope

This standard specifies a method of measuring the resistance to cut-through of an insulated conductor. This test is limited to insulations with a thickness of 0,38 mm or less.

It shall be used together with EN 3475-100 and ASTM-D-3032-86 paragraph 22 - Dynamic cut-through.

2 Normative references

This European Standard incorporates by dated or undated reference provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

EN 3475-100	Aerospace series – Cables, electrical, aircraft use – Test methods – Part 100: General
ASTM-D-3032-86	Standard methods of testing hook-up wire insulation [1)]

3 Preparation of specimens

In accordance with paragraph 22 of ASTM-D-3032-86.

4 Apparatus

General device for cut-through test: see figure 1.

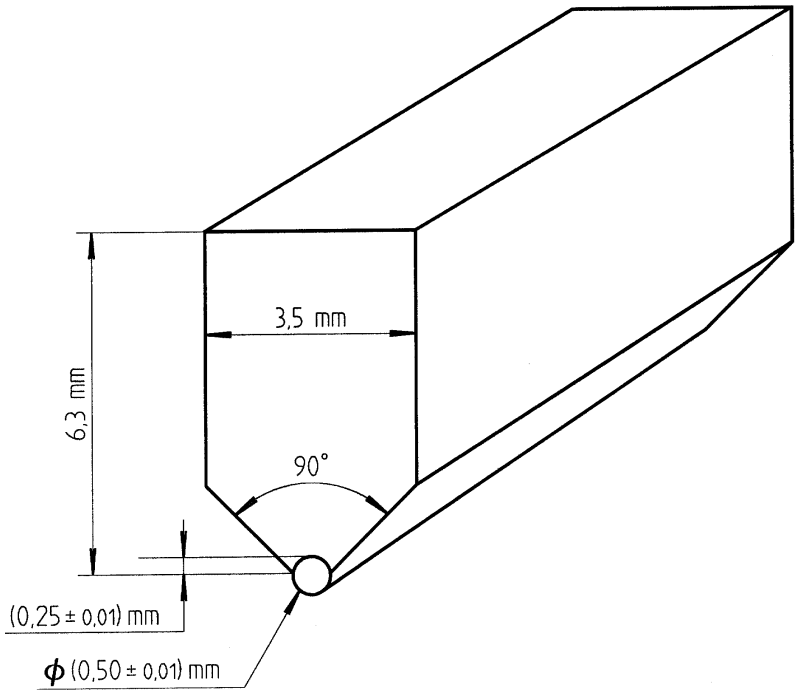

Figure 1 – Needle holder

1) This standard is published by: American Society for Testing and Materials (ASTM), 1916 Race St., Philadelphia PA 19103

5 Method

In accordance with ASTM-D-3032-86 paragraph 22.

6 Requirements

The result of the test shall be the arithmetic mean value which shall exceed the value given in the product standard.