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**Isefikseeruvad meetersüsteemis
peenkeermega (mittemetallist
siseosaga) kuuskantmutrid (tüüp 1).
Materjaliklassid 6, 8 ja 10**

Prevailing torque type hexagon nuts (with non-metallic insert), style 1, with metric fine pitch thread - Property classes 6, 8 and 10

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN ISO 10512:1999 sisaldab Euroopa standardi EN ISO 10512:1997 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 12.12.1999 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN ISO 10512:1999 consists of the English text of the European standard EN ISO 10512:1997.</p> <p>This document is endorsed on 12.12.1999 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p>Käsitlusala: See rahvusvaheline standard määrab kindlaks selliste tüübi 1 isefikseeruvate (mittemetallist siseosaga) kuuskantmutrite parameetrid, millel on meetersüsteemis peenkeere nimiläbimõõduga $d = 8 - 36$ mm (kaasa arvatud), kusjuures tooteklassi A puhul suurusega d kuni 16 mm (kaasa arvatud) ja tooteklassi B puhul suurusega üle 16 mm, ning mis on materjaliklassist 6, 8 ja 10.</p>	<p>Scope:</p>
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ICS 21.060.20

Võtmesõnad: isefikseeruvad mutrid, kinnitusdetailid, kuuskantmutrid, mutrid, mõõtmed, peenkeermed, tehnilised andmed, tähistus

ICS 21.060.20

Descriptors: Fasteners, hexagon nuts, self-locking nuts.

English version

Prevailing torque type hexagon nuts (with non-metallic insert), style 1, with metric fine pitch thread

Property classes 6, 8 and 10
(ISO 10512 : 1997)

Écrous hexagonaux autofreinés (avec anneau non métallique), style 1, à filetage métrique à pas fin – Classes de qualité 6, 8 et 10 (ISO 10512 : 1997)

Sechskantmuttern mit Klemmteil (mit nichtmetallischem Einsatz) Typ 1, mit metrischem Feingewinde – Festigkeitsklassen 6, 8 und 10 (ISO 10512 : 1997)

This European Standard was approved by CEN on 1997-10-23.

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.

The European Standards exist 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, the Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and the United Kingdom.

CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

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Foreword

International Standard

ISO 10512 : 1997 Prevailing torque type hexagon nuts (with non-metallic insert), style 1, with metric fine pitch thread – Property classes 6, 8 and 10,

which was prepared by ISO/TC 2 'Fasteners' of the International Organization for Standardization, has been adopted by Technical Committee CEN/TC 185 'Threaded and non-threaded mechanical fasteners and accessories', the Secretariat of which is held by DIN, as a European Standard.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, and conflicting national standards withdrawn, by May 1998 at the latest.

In accordance with the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard:

Austria, Belgium, the Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and the United Kingdom.

Endorsement notice

The text of the International Standard ISO 10512 : 1997 was approved by CEN as a European Standard without any modification.

NOTE: Normative references to international publications are listed in Annex ZA (normative).

1 Scope

This International Standard specifies the characteristics of prevailing torque type hexagon nuts (with non-metallic insert), style 1, with metric fine pitch thread with nominal thread diameters d from 8 mm up to and including 36 mm, in product grade A for sizes d up to and including 16 mm and product grade B for sizes d above 16 mm, and with property classes 6, 8 and 10.

NOTE — The dimensions of the nuts correspond to those given in ISO 8673 plus prevailing torque feature.

If other specifications are required, they should be selected from existing International Standards, for example ISO 261, ISO 965-2, ISO 2320 and ISO 4759-1.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 225:1983, *Fasteners – Bolts, screws, studs and nuts – Symbols and designations of dimensions.*

ISO 261:–¹⁾, *ISO general purpose metric screw threads – General plan.*

ISO 965-2:–²⁾, *ISO general purpose metric screw threads – Tolerances – Part 2: Limits of sizes for general purpose bolt and nut threads – Medium quality.*

ISO 2320:1997, *Prevailing torque type steel hexagon nuts – Mechanical and performance properties.*

ISO 3269:1988, *Fasteners – Acceptance inspection.*

ISO 4042:–³⁾, *Fasteners – Electroplated coatings.*

ISO 4759-1:–⁴⁾, *Tolerances for fasteners – Part 1: Bolts, screws, studs and nuts – Product grades A, B and C.*

ISO 6157-2:1995, *Fasteners – Surface discontinuities – Part 2: Nuts.*

ISO 8992:1986, *Fasteners – General requirements for bolts, screws and nuts.*

1) To be published. (Revision of ISO 261:1973)

2) To be published. (Revision of ISO 965-2:1980)

3) To be published. (Revision of ISO 4042:1989)

4) To be published. (Revision of ISO 4759-1:1978)