

**Isefikseeruvad meetersüsteemis peenkeermega
(mittemetallist siseosaga) kuuskantmutrid (tüüp 1).
Materjaliklassid 6, 8 ja 10 (ISO 10512:2012)**

**Prevailing torque type hexagon nuts (with non-metallic
insert), style 1, with metric fine pitch thread - Property
classes 6, 8 and 10 (ISO 10512:2012)**

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN ISO 10512:2012 sisaldab Euroopa standardi EN ISO 10512:2012 ingliskeelset teksti.	This Estonian standard EVS-EN ISO 10512:2012 consists of the English text of the European standard EN ISO 10512:2012.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
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English Version

Prevailing torque type hexagon regular nuts (with non-metallic insert) with metric fine pitch thread - Property classes 6, 8 and 10 (ISO 10512:2012)

Écrous hexagonaux normaux autofreinés (à anneau non métallique) à filetage métrique à pas fin - Classes de qualité 6, 8 et 10 (ISO 10512:2012)

Sechskantmuttern mit Klemmteil (mit nichtmetallischem Einsatz), Typ 1, mit metrischem Feingewinde - Festigkeitsklassen 6, 8 und 10 (ISO 10512:2012)

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Foreword

This document (EN ISO 10512:2012) has been prepared by Technical Committee ISO/TC 2 "Fasteners" in collaboration with Technical Committee CEN/TC 185 "Fasteners" the secretariat of which is held by DIN.

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of an identical text or by endorsement, at the latest by June 2013, and conflicting national standards shall be withdrawn at the latest by June 2013.

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Endorsement notice

The text of ISO 10512:2012 has been approved by CEN as a EN ISO 10512:2012 without any modification.

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

1 Scope

This International Standard specifies the characteristics of prevailing torque type hexagon regular nuts (with non-metallic insert) 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.

If other specifications are required, they can be selected from existing International Standards, for example ISO 261, ISO 724, ISO 898-2, ISO 965-2, ISO 2320 and ISO 4759-1.

NOTE 1 The dimensions of the nuts correspond to those given in ISO 8673 plus prevailing torque feature.

NOTE 2 As there is an insufficient nut height due to the fine pitch thread, there is a higher probability of nut thread stripping. Hence, high nuts according to ISO 7041 are preferably used.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable to its application. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 225, *Fasteners — Bolts, screws, studs and nuts — Symbols and descriptions of dimensions*

ISO 261, *ISO general purpose metric screw threads — General plan*

ISO 724, *ISO general-purpose metric screw threads — Basic dimensions*

ISO 898-2, *Mechanical properties of fasteners made of carbon steel and alloy steel — Part 2: Nuts with specified property classes — Coarse thread and fine pitch thread*

ISO 965-2, *ISO general purpose metric screw threads — Tolerances — Part 2: Limits of sizes for general purpose external and internal screw threads — Medium quality*

ISO 2320, *Prevailing torque type steel nuts — Mechanical and performance properties*

ISO 3269, *Fasteners — Acceptance inspection*

ISO 4042, *Fasteners — Electroplated coatings*

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

ISO 6157-2, *Fasteners — Surface discontinuities — Part 2: Nuts*

ISO 8992, *Fasteners — General requirements for bolts, screws, studs and nuts*

ISO 10683, *Fasteners — Non-electrolytically applied zinc flake coatings*

3 Dimensions

See Figure 1 and Table 1.

Symbols and descriptions of dimensions are specified in ISO 225.