

**Kuuskantpeapoldid. Tooteklass B.
Vähendatud varb (varva läbimõõt =
keermestatud osa läbimõõt)**

Hexagon head bolts - Product grade B - Reduced
shank (Shank diameter = pitch diameter)

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 24015:1999 sisaldab Euroopa standardi EN 24015:1991 ingliskeelset teksti. Käesolev dokument on jõustatud 23.11.1999 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes. Standard on kättesaadav Eesti standardiorganisatsioonist.	This Estonian standard EVS-EN 24015:1999 consists of the English text of the European standard EN 24015:1991. This document is endorsed on 23.11.1999 with the notification being published in the official publication of the Estonian national standardisation organisation. The standard is available from Estonian standardisation organisation.
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Käsitlusala: Standard annab selliste meetersüsteemis kuuskantpeapoltide tehnilised andmed, mille keerme läbimõõt on 3 - 20 mm (kaasa arvatud), mille varb on vähendatud (varva läbimõõt = keermestatud osa läbimõõt), ja mis on tooteklassist B.	Scope:
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ICS 21.060.10

Võtmesõnad: kinnitusdetailid, kuuskantpeapoldid, mõõtmed, poldid, tehnilised andmed

UDC 621.882.211

Descriptors: Fasteners, bolts, hexagonal head screws, specifications, dimensions, designation.

English version

Hexagon head bolts — Product grade B — Reduced shank
(shank diameter $\approx$ pitch diameter)
(ISO 4015 : 1979)

Boulons à tête hexagonale; classe de produit B; tige réduite (diamètre de tige $\approx$ diamètre sur flanc de filet)
(ISO 4015 : 1979)

Sechskantschrauben mit Schaft, Dünnschaft (Schaftdurchmesser $\approx$ Flankendurchmesser); Produktklasse B
(ISO 4015 : 1979)

This European Standard was approved by CEN on 1991-10-10 and is identical to the ISO Standard as referred to. 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, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CEN

European Committee for Standardization

Comité Européen de Normalisation

Europäisches Komitee für Normung

Central Secretariat: rue de Stassart 36, B-1050 Brussels

Foreword

In 1990, ISO 4015 : 1979 was submitted to the CEN PQ procedure.

Following the positive result of the PQ, CEN/BT agreed to submit ISO 4015 : 1979 with the following modifications to Formal Vote.

In the French version, replace:

- 'boulon' by 'vis partiellement fileté',
- 'vis' by 'vis entièrement fileté',
- 'boulon, vis' by 'vis',
- 'classe de produit' by 'grade',
- 'classe de caractéristique' by 'classe de qualité'.

In accordance with the CEN/CENELEC Internal Regulations, the following countries are bound to implement this European Standard: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

Endorsement notice

The text of the International Standard ISO 4015 : 1979 was approved by CEN as a European Standard with agreed common modifications as given above.

0 INTRODUCTION

This International Standard is part of the complete ISO product standards series on hexagon drive fasteners. The series comprises :

- a) Hexagon head bolts (ISO 4014, ISO 4015 and ISO 4016)
- b) Hexagon head screws (ISO 4017 and ISO 4018)
- c) Hexagon nuts (ISO 4032, ISO 4033, ISO 4034, ISO 4035 and ISO 4036)
- d) Hexagon flanged bolts
- e) Hexagon flanged screws
- f) Hexagon flanged nuts
- g) Structural bolting

(in preparation)

1 SCOPE AND FIELD OF APPLICATION

This International Standard gives specifications for hexagon head bolts with metric dimensions and thread diameters from 3 up to and including 20 mm, with reduced shank (shank diameter $\approx$ pitch diameter), of product grade B.

If, in special cases, specifications other than those listed in this International Standard are required, it is recommended that they should be selected from existing International Standards, for example ISO 261, ISO 888, ISO 898, ISO 965.

2 REFERENCES

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

ISO 888, *Bolts, screws and studs — Nominal lengths, and thread lengths for general purpose bolts.*

ISO 898, *Mechanical properties of fasteners.*

ISO 965, *ISO general purpose metric screw threads — Tolerances.*

ISO 3506, *Corrosion-resistant stainless steel fasteners — Specifications.*

ISO 4759/1, *Tolerances for fasteners — Part 1: Bolts, screws and nuts with thread diameters $\geq 1,6 \leq 150$ mm and product grades A, B and C.*