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Hexalobular internal driving feature for bolts and screws

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EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN ISO 10664:2005 sisaldab Euroopa standardi EN ISO 10664:2005 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 29.09.2005 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 10664:2005 consists of the English text of the European standard EN ISO 10664:2005.</p> <p>This document is endorsed on 29.09.2005 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: This International Standard specifies the shape and basic dimensions of the hexalobular internal driving feature for bolts and screws, including the gauging method.</p>	<p>Scope: This International Standard specifies the shape and basic dimensions of the hexalobular internal driving feature for bolts and screws, including the gauging method.</p>
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ICS 21.060.10

Võtmesõnad: designation, dimensions, fasteners, form specifications, inserts

EUROPEAN STANDARD

EN ISO 10664

NORME EUROPÉENNE

EUROPÄISCHE NORM

July 2005

ICS 21.060.10

Supersedes EN ISO 10664:1999

English Version

Hexalobular internal driving feature for bolts and screws (ISO 10664:2005)

Empreinte à six lobes internes pour vis (ISO 10664:2005)

Innensechsrund für Schrauben (ISO 10664:2005)

This European Standard was approved by CEN on 20 June 2005.

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

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Foreword

This document (EN ISO 10664:2005) has been prepared by Technical Committee ISO/TC 2 "Fasteners" in collaboration with Technical Committee CEN/TC 185 "Threaded and non-threaded mechanical fasteners and accessories", the secretariat of which is held by NEN.

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 January 2006, and conflicting national standards shall be withdrawn at the latest by January 2006.

This document supersedes EN ISO 10664:1999.

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

Endorsement notice

The text of ISO 10664:2005 has been approved by CEN as EN ISO 10664:2005 without any modifications.

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**Hexalobular internal driving feature
for bolts and screws**

Empreinte à six lobes internes pour vis



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Foreword

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International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 10664 was prepared by Technical Committee ISO/TC 2, *Fasteners*.

This second edition cancels and replaces the first edition (ISO 10664:1999), which has been technically revised.

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1 Scope

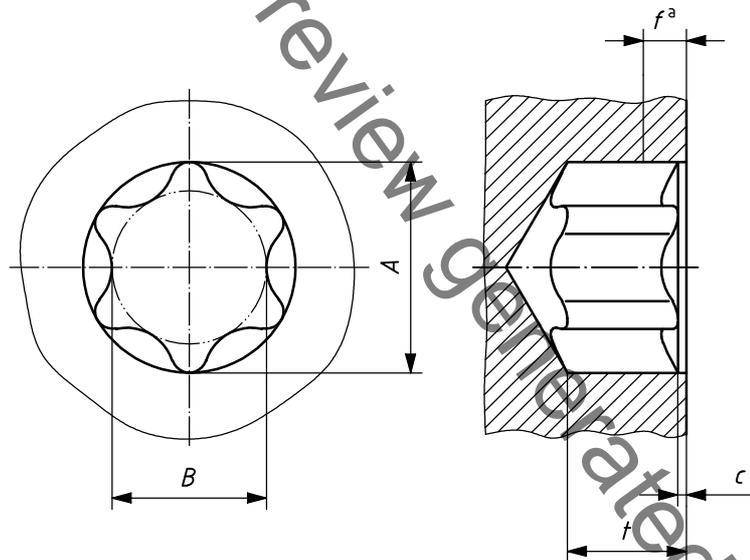
This International Standard specifies the shape and basic dimensions of the hexalobular internal driving feature for bolts and screws, including the gauging method.

The curvature of the contour of the hexalobular internal driving feature is defined by the gauges specified in Tables 3, 4 and 5. Additional information which can be used when drawing the contour is given in Annex A.

The intent of this International Standard is to provide the details necessary for inspection of the hexalobular driving feature. It is not suitable for, nor intended to be used as, a manufacturing standard.

2 Basic dimensions

See Figure 1 and Table 1.



Counterbore: $c \leq 0,13$ mm up to socket No. 15

$c \leq 0,25$ mm over socket No. 15

Penetration depth t : see relevant product standard.

NOTE The contour of the bottom of the socket beyond the gauge is at the option of the manufacturer.

^a See Table 2.

Figure 1 — Basic dimensions