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Standards

Irish Standard  
I.S. EN ISO 14581:2013

# Fasteners - Hexalobular socket countersunk flat head screws (ISO 14581:2013)

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## I.S. EN ISO 14581:2013

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EUROPEAN STANDARD

**EN ISO 14581**

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EUROPÄISCHE NORM

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English Version

## Fasteners - Hexalobular socket countersunk flat head screws (ISO 14581:2013)

Éléments de fixation - Vis à tête fraisée réduite à six lobes  
internes (ISO 14581:2013)

Mechanische Verbindungselemente - Senkschrauben mit  
Innensechsrund (ISO 14581:2013)

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## **Foreword**

This document (EN ISO 14581:2013) 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of an identical text or by endorsement, at the latest by March 2014, and conflicting national standards shall be withdrawn at the latest by March 2014.

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**Fasteners — Hexalobular socket  
countersunk flat head screws**

*Éléments de fixation — Vis à tête fraisée réduite à six lobes internes*



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## **Foreword**

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

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The committee responsible for this document is ISO/TC 2, *Fasteners*, Subcommittee SC 11, *Fasteners with metric external thread*.

# Fasteners — Hexalobular socket countersunk flat head screws

## 1 Scope

This International Standard specifies the characteristics of hexalobular socket countersunk flat head screws in product grade A and with threads from M2 to M10 inclusive and with reduced loadability according to [Table 3](#).

If, in special cases, specifications other than those listed in this International Standard are required, they can be selected from existing International Standards, e.g. ISO 261, ISO 888, ISO 898-1, ISO 965-2, ISO 3506-1 and ISO 4759-1.

NOTE Countersunk head screws, high head, made of steel, with property classes 4.8, 8.8 and 10.9, are specified in ISO 14582, but these products are not interchangeable, because of different head heights.

## 2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. 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 898-1, *Mechanical properties of fasteners made of carbon steel and alloy steel — Part 1: Bolts, screws and studs 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 3269, *Fasteners — Acceptance inspection*

ISO 3506-1, *Mechanical properties of corrosion-resistant stainless steel fasteners — Part 1: Bolts, screws and studs*

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 6157-1, *Fasteners — Surface discontinuities — Part 1: Bolts, screws and studs for general requirements*

ISO 7721, *Countersunk head screws — Head configuration and gauging*

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

ISO 10664, *Hexalobular internal driving feature for bolts and screws*

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

ISO 10684, *Fasteners — Hot dip galvanized coatings*

ISO 16048, *Passivation of corrosion-resistant stainless-steel fasteners*

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