Fästelement – Gängpressande sextandhåls-skruvar med sänkhuvud
(ISO 14586:2001)

Hexalobular socket countersunk head tapping screws
(ISO 14586:2001)

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This European Standard was approved by CEN on 1 September 2001.

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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 Management Centre has the same status as the official versions.

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Foreword

This document (ISO 14586:2001) 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 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of an identical text or by endorsement, at the latest by March 2002, and conflicting national standards shall be withdrawn at the latest by March 2002.

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

Endorsement notice

The text of the International Standard ISO 14586:2001 has been approved by CEN as a European Standard without any modifications.

NOTE Normative references to International Standards are listed in annex ZA (normative).
Hexalobular socket countersunk head tapping screws

1 Scope

This International Standard specifies the characteristics of hexalobular socket countersunk head tapping screws with thread sizes from ST2,9 to ST6,3 inclusive.

If, in special cases, specifications other than those listed in this International Standard are required, they should be selected from existing International Standards, e.g. ISO 1478, ISO 2702, ISO 4759-1.

2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this International Standard. For dated references, subsequent amendments to, or revisions of, any of these publications do not apply. However, parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. For undated references, the latest edition of the normative document referred to applies. Members of ISO and IEC maintain registers of currently valid International Standards.

ISO 225:1983, Fasteners — Bolts, screws, studs and nuts — Symbols and designations of dimensions

ISO 1478:1999, Tapping screws thread

ISO 2702:1992, Heat-treated steel tapping screws — Mechanical properties

ISO 3269:2000, Fasteners — Acceptance inspection

ISO 4042:1999, Fasteners — Electroplated coatings


ISO 7721:1983, Countersunk head screws — Head configuration and gauging

ISO 10664:1999, Hexalobular internal driving feature for bolts and screws
3 Dimensions

See Figure 1 and Table 1.

Symbols and designations of dimensions, except dimensions $A$ and $γ$, are specified in ISO 225.

Figure 1