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Fasteners - Hexagon washer head drilling screws with tapping screw thread (ISO 15480:2019)

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 12/19

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EUROPEAN STANDARD

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EUROPÄISCHE NORM

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English Version

Fasteners - Hexagon washer head drilling screws with tapping screw thread (ISO 15480:2019)

Fixations - Vis autoperceuses à tête hexagonale à
embase plate, avec filetage de vis à tôle (ISO
15480:2019)

Mechanische Verbindungselemente - Sechskant-
Bohrschrauben mit Bund mit Blechschraubengewinde
(ISO 15480:2019)

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EN ISO 15480:2019 (E)

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European foreword

This document (EN ISO 15480:2019) 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 BSI.

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of an identical text or by endorsement, at the latest by January 2020, and conflicting national standards shall be withdrawn at the latest by January 2020.

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

This document supersedes EN ISO 15480:1999.

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Endorsement notice

The text of ISO 15480:2019 has been approved by CEN as EN ISO 15480:2019 without any modification.

INTERNATIONAL STANDARD

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Second edition
2019-06

Fasteners — Hexagon washer head drilling screws with tapping screw thread

*Fixations — Vis autoperceuses à tête hexagonale à embase plate, avec
filetage de vis à tôle*



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ISO 15480:2019(E)

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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 2, *Fasteners*, Subcommittee SC 13, *Fasteners with non-metric thread*.

This second edition cancels and replaces the first edition (ISO 15480:1999), which has been technically revised. The main changes compared to the previous edition are as follows:

- normative references updated;
- addition of diameter d_a in [Figure 1](#) and with respective values in [Table 1](#);
- l_g changed to l_m in [Figure 1](#) and [Table 1](#) in accordance with ISO 225;
- values for r_1 in [Table 1](#) changed to minimum values.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Fasteners — Hexagon washer head drilling screws with tapping screw thread

1 Scope

This document specifies the characteristics of hexagon washer head drilling screws with tapping screw threads, made of steel, with thread sizes ST2,9 to ST6,3, and with product grade A.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 1478, *Tapping screws thread*

ISO 3269, *Fasteners — Acceptance inspection*

ISO 4042, *Fasteners — Electroplated coating systems*

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

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

ISO 10666, *Drilling screws with tapping screw thread — Mechanical and functional properties*

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