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ISO 15480

Second edition
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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

Reference number
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ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Fax: +41 22 749 09 47
Email: copyright@iso.org
Website: www.iso.org

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Foreword

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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.

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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*

3 Terms and definitions

No terms and definitions are listed in this document.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

— ISO Online browsing platform: available at https://www.iso.org/obp/ui/

— IEC Electropedia: available at http://www.electropedia.org/

4 Dimensions

Dimensions shall be in accordance with Figure 1 and Table 1.

Symbols and descriptions of dimensions are defined in ISO 225.

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