

ISO/FDIS 7436:2024(~~En~~)

ISO TC 2/SC 11

Secretariat: DIN

Date: 2024-03-04

Fasteners — Slotted set screws with cup point

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Published in Switzerland

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Foreword

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This document was prepared by Technical Committee ISO/TC 2, *Fasteners*, Subcommittee SC 11, *Fasteners with metric external thread*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 185, *Fasteners*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This second edition cancels and replaces the first edition (ISO 7436:1983), which has been technically revised.

The main changes are as follows:

- for M3, $l = 4$ mm has been classified as regular standard length with l_{nom} calculated in order to get at least 4 full pitches; short standard lengths l_{nom} have been calculated in order to get at least 2,5 full pitches;
- for stainless steel screw, grades A2 and A4 with hardness classes 12H and 21H have been added;
- non-ferrous metal screws have been deleted (as a consequence of the withdrawal of ISO 8839);
- for steel fasteners, “plain” has been changed to “as processed” in Table 3;
- for stainless steel fasteners, “plain” has been changed to “Clean and bright”, and “Passivated” has been added in Table 3;

- the requirement of surface integrity has been added for steel screws in Table 3;
- specifications for marking and labelling have been added as Clause 6.

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 ~~www.iso.org/members.html~~.

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