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Fasteners — Slotted set screws with flat point

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Contents

Foreword	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions.....	1
4 Dimensions	2
5 Requirements and reference International Standards	4
6 Marking and labelling.....	4
7 Designation	5
Bibliography	6

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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 ~~fourth~~^{third} edition cancels and replaces the ~~third~~^{second} edition (ISO 4766:2011), which has been technically revised.

The main changes are as follows:

- for M2, $l = 2$ mm has been classified as too short length; M8 ($l = 8$ mm), M10 ($l = 10$ mm) and M12 ($l = 12$ mm) have been classified separately as short standard lengths with l_{nom} calculated in order to get at least 2,5 full pitches; for regular standard lengths l_{nom} have been calculated in order to get at least 4 full pitches;
- for stainless steel screws, 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);
- mechanical properties of steel and stainless steel screws have been added for $d < 1,6$ mm ("As agreed") in Table 3;

- for stainless steel fasteners, “As processed” has been changed to “Clean and bright”, and “Passivated” has been added 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.

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