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ISO 4766

Fasteners — Slotted set screws with flat point

Fixations — Vis sans tête fendues à bout plat

Third edition
2024-06

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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 third edition cancels and replaces the 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](#).

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