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## ISO 7435

### Fasteners — Slotted set screws with dog point

*Fixations — Vis sans tête fendues à têtton*

Second 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 second edition cancels and replaces the first edition (ISO 7435:1983), which has been technically revised.

The main changes are as follows:

- for short standard lengths, the lengths of the short dog points  $z$  have been added in [Table 1](#);
- the lengths for M1,6 ( $l = 3$  mm), M3 ( $l = 4$  mm) and M3,5 ( $l = 6$  mm) have been classified separately as short standard lengths with  $l_{nom}$  calculated in order to get at least 2,5 full pitches; the lengths for M10 ( $l = 16$  mm) and M12 ( $l = 20$  mm) have been classified as regular standard lengths with  $l_{nom}$  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);
- for steel fasteners, “plain” has been changed to “as processed”, and non-electrolytically applied zinc flake coating has been added 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](#).

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