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Fasteners — Slotted set screws with dog point

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ISO/FDIS 7435

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Foreword

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO document should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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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.

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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