



SLOVENSKI STANDARD
oSIST prEN ISO 8743:2024
01-februar-2024

Vežni elementi - Zatiči z utori - Sredinski utori polovične dolžine (ISO/DIS 8743:2023)

Fasteners - Grooved pins - Half-length center grooves (ISO/DIS 8743:2023)

Verbindungselemente - Knebelkerbstifte mit langen Kerben (ISO/DIS 8743:2023)

Fixations - Goupilles cannelées - Cannelures centrales sur la moitié de la longueur (ISO/DIS 8743:2023)

Ta slovenski standard je istoveten z: prEN ISO 8743

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ICS:

21.060.50 Zatiči, žblji Pins, nails

oSIST prEN ISO 8743:2024

en,fr,de

DRAFT INTERNATIONAL STANDARD

ISO/DIS 8743

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Fasteners — Grooved pins — Half-length center grooves

Fixations — Goupilles cannelées — Cannelures centrales sur la moitié de la longueur

ICS: 21.060.50

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ISO/DIS 8743:2023(E)

Foreword

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This document was prepared by Technical Committee ISO/TC 2, *Fasteners* and by Technical Committee CEN/TC 185, *Fasteners* in collaboration.

This third edition cancels and replaces the second edition (ISO 8743:1997) which has been technically revised.

The main changes are as follows:

- terms and definitions, principles for grooved pins and assembly (including hole dimensions), control of the expanded diameter d_2 and pin straightness, mechanical and physical properties (including shear resistance and hardness) and inspection which are common for all grooved pins (product standards ISO 8743 to ISO 8747, ISO 13670 and ISO 13672) have been specified in the new reference standard ISO 13669, general requirements;
- non-preferred diameters 1 mm, 3,5 mm, 7 mm, 9 mm, 14 mm and 18 mm have been added;
- values of expanded diameter d_2 for steel pins have been slightly increased for the shortest length range, and have been added for stainless steel pins;
- tolerances for the rounded end and values for the chamfered end have been added;
- tolerances for the length of the grooves and their location have been added;
- stainless steel grades A2, A4, C1 and F1 have been added;
- other materials (such as hardened steels, brass, aluminium) are by agreement (see [Table 3](#));
- specifications for labelling have been added as [Clause 8](#).

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