



SLOVENSKI STANDARD
oSIST prEN ISO 8746:2024
01-februar-2024

Vežni elementi - Zasekani zatiči z okroglo glavo - Diamantni utori po celotni dolžini (ISO/DIS 8746:2023)

Fasteners - Grooved pins with round head - Full-length diamond grooves (ISO/DIS 8746:2023)

Verbindungselemente - Halbrundkerbnägel (ISO/DIS 8746:2023)

Fixations - Clous cannelés à tête ronde - Cannelures diamant sur toute la longueur (ISO/DIS 8746:2023)

Ta slovenski standard je istoveten z: prEN ISO 8746

<https://standards.iteh.ai/catalog/standards/sist/827de11e-ab90-432c-b4ae-803ec9fbede5/osist-pren-iso-8746-2024>

ICS:

21.060.50 Zatiči, žablji Pins, nails

oSIST prEN ISO 8746:2024

en,fr,de

DRAFT INTERNATIONAL STANDARD

ISO/DIS 8746

ISO/TC 2

Secretariat: DIN

Voting begins on:
2023-11-29

Voting terminates on:
2024-02-21

Fasteners — Grooved pins with round head — Full-length diamond grooves

ICS: 21.060.50

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ISO/DIS 8746:2023(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 8746:1997) 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 8739 to ISO 8747, ISO 13670 and ISO 13672) have been specified in the new reference standard ISO 13669, general requirements;
- nominal sizes 1,4 mm and 1,6 mm have been deleted;
- the symbols for the pilot point (PL instead of B) and optional chamfer point (CH instead of A) have been amended analogously to ISO 4753; the length of the points has been specified as a minimum value;
- the head diameters d_k have been recalculated and rounded to the nearest 0,05 mm for pins with nominal sizes up to 8 mm; $d_{k,max}$ has been recalculated for pins with nominal sizes 16 mm and 20 mm;
- the maximum distance between the underhead bearing surface and the beginning of the grooves l_k has 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](#).