



**SLOVENSKI STANDARD**  
**oSIST prEN ISO 8747:2024**  
**01-februar-2024**

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

Fasteners - Grooved pins with countersunk head - Full-length diamond grooves (ISO/DIS 8747:2023)

Verbindungselemente - Senkernägel - Diamant-Nut über die gesamte Länge (ISO/DIS 8747:2023)

Fixations - Clous cannelés à tête fraisée - Cannelures diamant sur toute la longueur (ISO/DIS 8747:2023)

**Ta slovenski standard je istoveten z: prEN ISO 8747**

[oSIST prEN ISO 8747:2024](https://standards.iteh.com/catalog/standards/sist/2303643-3977-4db1-802d-38c7003-1a65d/osist-pr-en-iso-8747-2024)

**ICS:**

21.060.50      Zatiči, žblji      Pins, nails

**oSIST prEN ISO 8747:2024**

**en,fr,de**



# DRAFT INTERNATIONAL STANDARD

## ISO/DIS 8747

ISO/TC 2

Secretariat: DIN

Voting begins on:  
2023-11-29

Voting terminates on:  
2024-02-21

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## Fasteners — Grooved pins with countersunk head — Full-length diamond grooves

ICS: 21.060.50

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**ISO/CEN PARALLEL PROCESSING**



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# Contents

	Page
Foreword.....	iv
<b>1 Scope.....</b>	<b>1</b>
<b>2 Normative references.....</b>	<b>1</b>
<b>3 Terms and definitions.....</b>	<b>1</b>
<b>4 Principles of grooved pins and assembly.....</b>	<b>2</b>
<b>5 Dimensions.....</b>	<b>2</b>
<b>6 Requirements and reference International Standards.....</b>	<b>4</b>
<b>7 Labelling on package.....</b>	<b>5</b>
<b>8 Designation.....</b>	<b>5</b>
<b>Bibliography.....</b>	<b>7</b>

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## ISO/DIS 8747:2023(E)

### 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 documents 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](http://www.iso.org/directives)).

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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 8747:1997) 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 head height  $k$  has been added as a reference dimension;
- 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](#));