



**SLOVENSKI STANDARD**  
**oSIST prEN ISO 10513:2024**  
**01-julij-2024**

**Nadomešča:**  
**SIST EN ISO 10513:2013**

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**Vezni elementi - Šestrobe zaščitne matice - Visoke matice (vse kovine) z drobnim navojem (ISO/DIS 10513:2024)**

Fasteners - Prevailing torque hexagon nuts - High nuts (all metal), with fine pitch thread (ISO/DIS 10513:2024)

Verbindungselemente - Sechskantmüttern mit Klemmteil - Hohe Muttern (Ganzmetallmüttern), mit Feingewinde (ISO/DIS 10513:2024)

Fixations - Écrous hexagonaux autofreinés - Écrous hauts (tout métal), à pas fin (ISO/DIS 10513:2024)

**Ta slovenski standard je istoveten z: prEN ISO 10513**

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**ICS:**

21.040.10	Metrski navoji	Metric screw threads
21.060.20	Matice	Nuts

**oSIST prEN ISO 10513:2024**                      **en,fr,de**





# DRAFT International Standard

## ISO/DIS 10513

### Fasteners — Prevailing torque hexagon nuts — High nuts (all metal), with fine pitch thread

*Fixations — Écrous hexagonaux autofreinés — Écrous hauts  
(tout métal), à pas fin*

ICS: 21.060.20

ISO/TC 2/SC 12

Secretariat: **DIN**

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**ISO/CEN PARALLEL PROCESSING**

Reference number  
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## ISO/DIS 10513:2024(en)

### Foreword

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This document was prepared by Technical Committee ISO/TC 2, *Fasteners*, Subcommittee SC 12, *Fasteners with metric internal thread*.

This third edition cancels and replaces the second edition (ISO 10513:2012) which has been technically revised.

The main changes are as follows:

- the design principles of these nuts have been clarified in scope (see Note);
- style, relevant property classes and related quenching and tempering conditions for steel nuts have been specified in [Clause 5](#) in accordance with ISO 898-2 (see [Table 3](#));
- stainless steel nuts have been added in accordance with ISO 3506-2;
- M20×2 has been added, as well as non-preferred sizes 18 mm, 22 mm, 27 mm, 33 mm and 39 mm;
- $d_{a,max}$  has been specified with two decimal places;
- $h_{max}$  for size 12 mm has been corrected to 12,30 mm (13,30 mm in the second edition came from a typing error);  $h_{max}$  for size 24 mm, has been increased to 24,00 mm in order to have  $h_{max} \geq D$  for the whole diameter range;
- specifications for marking and labelling have been added as [Clause 6](#).

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