



**SLOVENSKI STANDARD**  
**oSIST prEN ISO 7042:2024**  
**01-julij-2024**

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**Vezni elementi - Šestrobe zaščitne matice - Visoke matice (vse kovine) (ISO/DIS 7042:2024)**

Fasteners - Prevailing torque hexagon nuts - High nuts (all metal) (ISO/DIS 7042:2024)

Verbindungselemente - Sechskantmuttern mit Klemmteil - Hohe Muttern (Ganzmetallmuttern) (ISO/DIS 7042:2024)

Fixations - Écrous hexagonaux autofreinés - Écrous hauts (tout métal) (ISO/DIS 7042:2024)

**Ta slovenski standard je istoveten z: prEN ISO 7042**

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**ICS:**

21.060.20      Matice      Nuts

**oSIST prEN ISO 7042:2024**      **en,fr,de**





# DRAFT International Standard

## ISO/DIS 7042

### Fasteners — Prevailing torque hexagon nuts — High nuts (all metal)

*Fixations — Écrous hexagonaux autofreinés — Écrous hauts  
(tout métal)*

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This document is circulated as received from the committee secretariat.

**ISO/CEN PARALLEL PROCESSING**

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## ISO/DIS 7042:2024(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 fourth edition cancels and replaces the third edition (ISO 7042:2012) 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;
- M7, M18, M22, M27, M33 and M39 have been added;
- $d_{a,max}$  has been specified with two decimal places;
- $d_{w,min}$  for M5 has been changed from  $s_{min} - IT16$  to  $s_{min} - IT15$  in order to have a larger bearing surface area and thus less contact pressure;
- $h_{max}$  for M12 has been corrected to 12,30 mm (13,30 mm in the third edition came from a typing error);  $h_{max}$  for M24 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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