



SLOVENSKI STANDARD

oSIST prEN ISO 7720:2024

01-julij-2024

Vezni elementi - Šestrobe zaščitne matice - Visoke matice (vse kovine) z režo(-ami) (ISO/DIS 7720:2024)

Fasteners - Prevailing torque hexagon nuts - High nuts (all metal) with slot(s) (ISO/DIS 7720:2024)

Verbindungselemente - Sechskantmuttern mit Klemmteil - Hohe Muttern (Ganzmetallmuttern) mit Schlitz(en) (ISO/DIS 7720:2024)

Fixations - Écrous hexagonaux autofreinés - Écrous hauts (tout métal) à fente(s) (ISO/DIS 7720:2024)

Ta slovenski standard je istoveten z: prEN ISO 7720

[oSIST prEN ISO 7720:2024](https://standards.net/en/catalog/standards/sist/4c71d173-7586-4346-9866-8728d45b711f/oSIST-prEN-ISO-7720-2024)

ICS:

21.060.20	Matice	Nuts
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oSIST prEN ISO 7720:2024

en,fr,de



DRAFT International Standard

ISO/DIS 7720

Fasteners — Prevailing torque hexagon nuts — High nuts (all metal) with slot(s)

*Fixations — Écrous hexagonaux autofreinés — Écrous hauts
(tout métal) à fente(s)*

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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 7720:2012) which has been technically revised.

The main changes are as follows:

- the title and scope have been changed in order to address the nut height: high (instead of style 2); the design principles of these nuts have been clarified in scope (see Note);
- property classes have been deleted from title and scope: 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conditions for steel nuts have been specified in [Clause 5](#) in accordance with ISO 898-2; property class 9 has been replaced by property classes 8 and 10; see [Table 3](#);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;
- m_{min} has been added with values in accordance with style 1; $m_{w,min} = 0,8 m_{min}$ has been specified in accordance with ISO 4759-1;
- the overall (total) height of the nut, h_{max} and h_{min} , have been increased to accommodate the prevailing torque feature with slot(s);
- specifications for marking and labelling have been added as [Clause 6](#).

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.