



SLOVENSKI STANDARD
oSIST prEN ISO 10512:2024
01-julij-2024

Nadomešča:
SIST EN ISO 10512:2013

Vezni elementi - Šestrobe zaščitne matice - Navadni matice (s plastičnim vložkom) z drobnim navojem (ISO/DIS 10512:2024)

Fasteners - Prevailing torque hexagon nuts - Regular nuts (with non-metallic insert), with fine pitch thread (ISO/DIS 10512:2024)

Verbindungselemente - Sechskantmüttern mit Klemmteil - Normalhohe Muttern (mit nichtmetallischem Einsatz), mit Feingewinde (ISO/DIS 10512:2024)

Fixations - Écrous hexagonaux autofreinés - Écrous normaux (à anneau non métallique), à pas fin (ISO/DIS 10512:2024)

Ta slovenski standard je istoveten z: prEN ISO 10512

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ICS:

21.040.10	Metrski navoji	Metric screw threads
21.060.20	Matice	Nuts

oSIST prEN ISO 10512:2024

en,fr,de



DRAFT International Standard

ISO/DIS 10512

Fasteners — Prevailing torque hexagon nuts — Regular nuts (with non-metallic insert), with fine pitch thread

*Fixations — Écrous hexagonaux autofreinés — Écrous normaux
(à anneau non métallique), à pas fin*

ICS: 21.060.20

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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 third edition cancels and replaces the second edition (ISO 10512:2012) 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, and property class 6 has been deleted (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 20 mm has been increased so that regular, high and thin nuts have an identical room for the prevailing torque feature ($h_{max} - m_{min}$) to accommodate the non-metallic insert; h_{min} has therefore been increased in accordance with the specified tolerance (see [Table 2](#));
- specifications for marking and labelling have been added as [Clause 6](#).

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