

DIN 979



ICS 21.060.20

Supersedes
DIN 979:2000-10

**Hexagon thin slotted and castle nuts –
Metric coarse and fine pitch thread, product grades A and B,
English translation of DIN 979:2013-08**

Niedrige Sechskant-Kronenmuttern –
Metrisches Regel- und Feingewinde, Produktklassen A und B,
Englische Übersetzung von DIN 979:2013-08

Écrous hexagonaux bas à créneaux et à créneaux dégagés –
Filetage métrique à pas gros et fin, grades A et B,
Traduction anglaise de DIN 979:2013-08

Document comprises 10 pages

Translation by DIN-Sprachendienst.

In case of doubt, the German-language original shall be considered authoritative.



A comma is used as the decimal marker.

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Foreword

This standard has been prepared by Working Committee NA 067-00-03 AA *Verbindungselemente mit metrischem Innengewinde* of the *Normenausschuss Mechanische Verbindungselemente* (FMV) (Fasteners Standards Committee).

The DIN 4000-161-1 tabular layout of article characteristics applies to hexagon slotted and castle nuts covered in this standard.

Amendments

This standard differs from DIN 979:2000-10 as follows:

- a) normative references have been updated;
- b) in Table 1 all dimensions are now given to the same number of decimal places;
- c) symbols have been changed from d to D , w to m and m to h in accordance with DIN EN ISO 225;
- d) mechanical properties of Table 2 have been brought into line with DIN EN ISO 898-2 and DIN EN ISO 3506-2;
- e) Clause 7 “Marking” has been revised.

Previous editions

DIN 979: 1972-12, 1977-04, 1983-12, 1987-10, 2000-02, 2000-10

1 Scope

This standard applies to hexagon slotted and castle nuts with metric coarse and fine pitch thread and nominal thread diameter between 6 mm to 52 mm of product grade A (up to 16 mm nominal thread diameter) and product grade B (over 16 mm nominal thread diameter).

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

DIN 267-2, *Fasteners — Technical delivery conditions — Design and dimensional accuracy*

DIN 962, *Bolts, screws, studs and nuts — Designations, types and finishes*

DIN EN 28839, *Mechanical properties of fasteners — Nonferrous metal bolts, screws, studs and nuts*

DIN EN ISO 225, *Fasteners — Bolts, screws, studs and nuts — Symbols and descriptions of dimensions*

DIN EN ISO 898-2, *Mechanical properties of fasteners made of carbon steel and alloy steel — Part 2: Nuts with specified property classes — Coarse thread and fine pitch thread*

DIN EN ISO 1234, *Split pins*

DIN EN ISO 3269, *Fasteners — Acceptance inspection*

DIN EN ISO 3506-2, *Mechanical properties of corrosion-resistant stainless steel fasteners — Part 2: Nuts*

DIN EN ISO 4042, *Fasteners — Electroplated coatings*

DIN EN ISO 4759-1, *Tolerances for fasteners — Part 1: Bolts, screws, studs and nuts — Product grades A, B and C*

DIN EN ISO 6157-2, *Fasteners — Surface discontinuities — Part 2: Nuts*

DIN EN ISO 10484, *Widening test on nuts*

DIN EN ISO 10683, *Fasteners — Non-electrolytically applied zinc flake coatings*

DIN EN ISO 10684, *Fasteners — Hot dip galvanized coatings*

DIN ISO 261, *ISO general purpose metric screw threads — General plan*

DIN ISO 965-1, *ISO general purpose metric screw threads — Tolerances — Part 1: Principles and basic data*

DIN ISO 8992, *Fasteners — General requirements for bolts, screws, studs and nuts*