

Thin hexagon nut

A low profile for restricted spaces and jam-nut applications, with the commercial series' own widths and heights.

DIN 936

Reduced-loadability class 04. It does not automatically replace a regular class 8 nut. Jam-nut use requires a defined assembly procedure.

Dimensional range

M8-M30

Thread

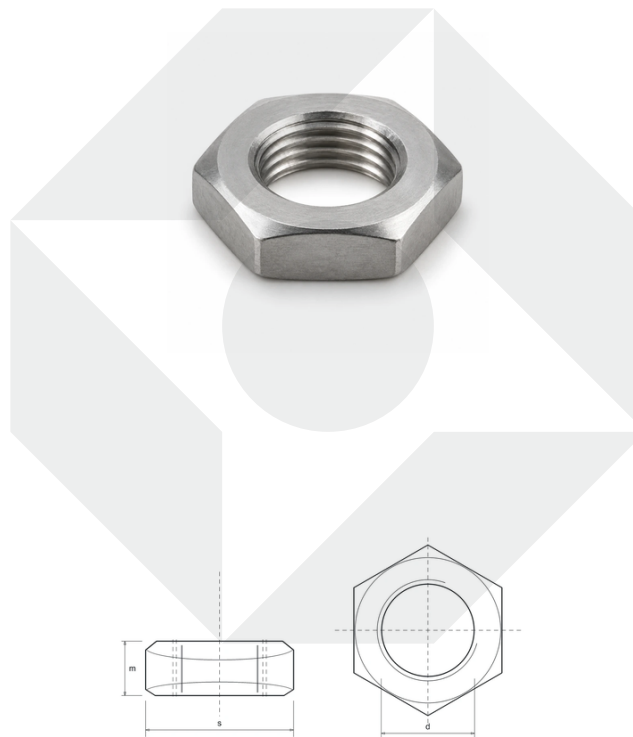
Metric · coarse pitch

Configuration

Thin hexagon nut

References

DIN 936



Technical drawing

d
nominal thread
P
pitch
s
width across flats
m
body height
h
overall height
dc

flange diameter. Only columns included in the table apply.

Variants and dimensional data

Reference sizes are listed in the table. Other diameters, pitches, materials and finishes are available on request, subject to an agreed supply specification.

Dimensions in mm. Identification drawing, not a manufacturing drawing.

M	Pitch P	s	m
8	1.25	13	5
10	1.5	17	6
12	1.75	19	7
14	2	22	8
16	2	24	8
18	2.5	27	9
20	2.5	30	9
22	2.5	32	10
24	3	36	10
27	3	41	12
30	3.5	46	12

Reduced-loadability class 04. It does not automatically replace a regular class 8 nut. Jam-nut use requires a defined assembly procedure.

Table dimensions refer to the stated execution. DIN/UNI, polymer and special variants require verification of their own dimensions; they do not automatically inherit reference geometry, weight or performance.

Materials, classes, finishes and treatments

Executions are distinguished by reference, material, class and finish. DIN, ISO and UNI references do not imply dimensional equivalence or availability of every size in each material. Supply and batch documents require quotation confirmation.

Execution reference	Material	Class / hardness	Documented finishes
DIN 936	Steel	04	Black oxide; Hot-dip galvanized; Plain; Yellow zinc plated; Zinc plated; Zinc plated $\geq 8 \mu\text{m}$
DIN 936	Steel	To be specified	Black zinc plated; GEOMET 321A; Hot-dip galvanized; Plain; Trivalent iridescent zinc plated; Yellow zinc plated Cr III $12 \mu\text{m}$ with sealer; Zinc plated; Zinc plated $\geq 12 \mu\text{m}$
DIN 936	Brass	Not applicable	To be specified; Zinc plated
DIN 936	Steel	10	GEOMET 321A
DIN 936	Stainless A2	To be specified	To be specified
DIN 936	Steel	05	Plain; Zinc plated
UNI 5589	Brass	Not applicable	Zinc plated
UNI 5589	Steel	04	Zinc plated
DIN 936	Stainless A4	To be specified	To be specified
UNI 5589 / DIN 936	Brass OT58	Not applicable	To be specified

“To be specified” is a requirement not established by this selection; it does not imply class 70/80, HV hardness or an automatic finish. Steel property classes do not apply to nylon/polyamide; PA6 and PA66 are distinguished only where stated. For nuts with non-metallic inserts, the material shown is the body material.

Documentation

Document	Status
Declaration of conformity	Subject to order agreement
Material certificate	Subject to order agreement
EN 10204 2.2 test report	Subject to order agreement
EN 10204 3.1 inspection certificate	Subject to order agreement
Dimensional inspection report	Subject to order agreement
Coating report	Subject to order agreement
Other documentation	Subject to order agreement

Batch documents are not automatically included: specify your requirements in the RFQ.

ISO, DIN and UNI: key differences

UNI 5589

Dimensions of the specified commercial selection do not replace a manufacturing drawing or the complete supply specification.

DIN 936

Related reference; compare dimensions, design and mechanical specification before substitution. Exact equivalence is not claimed.

