Hexagon thin nut, style 0

A compact axial profile for adjustment and space-limited connections. When used as a jam nut, pair it with a regular or high nut; it does not provide the loadability of a full-height nut on its own.

DIN 439 B

The thin profile has reduced loadability. Class 04 is not class 4, 4.8 or 8: retain the leading zero. Jam-nut use requires an appropriate joint arrangement and a defined tightening procedure.

Dimensional range

M5-M39

Thread

Metric · coarse pitch

Configuration

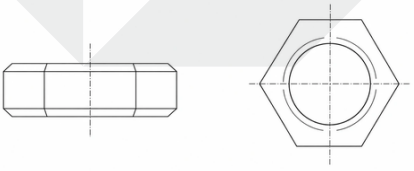
Style 0 · reduced loadability

References

DIN 439 B



Technical drawing



d

nominal diameter

P

coarse pitch

s

maximum width across flats

m

minimum and maximum height

Variants and dimensional data

ISO 4035:2023 dimensions from M5 to M39. Material/finish selection is limited to verified combinations; enquire about other diameters, pitches and configurations.

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

M	Pitch P	s	m min.	m max.
5	0.8	8	2.45	2.7
6	1	10	2.9	3.2
7	1	11	3.4	3.7
8	1.25	13	3.7	4
10	1.5	16	4.7	5
12	1.75	18	5.7	6
14	2	21	6.42	7
16	2	24	7.42	8
18	2.5	27	8.42	9
20	2.5	30	9.1	10
22	2.5	34	9.9	11
24	3	36	10.9	12
27	3	41	12.4	13.5
30	3.5	46	13.9	15
33	3.5	50	15.4	16.5
36	4	55	16.9	18
39	4	60	18.2	19.5

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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 439	Stainless A4	To be specified	To be specified
DIN 439	Steel	04	Black oxide; Plain; Zinc plated
DIN 439	Stainless A2	To be specified	To be specified
DIN 439	Steel	To be specified	Yellow zinc plated Cr III 12 µm with sealer
DIN 439 B	Stainless A5 · 1.4571	To be specified	To be specified
DIN 439 B	Duplex · 1.4462	To be specified	To be specified
DIN 439 B	Stainless HCR · 1.4529	To be specified	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

ISO 4035:2023

Main standard for the coarse-pitch dimensions shown here. The reduced height requires style-0 property classes and checks.

DIN 439 B

DIN 439 B is a related historical reference: widths across flats and heights can differ. It is not an absolute equivalent. ISO 8675 covers fine pitch instead.