

Hexagon regular nut with fine pitch thread, style 1

Hexagon nut for fine-pitch metric joints. Select diameter and pitch together: one diameter may have several pitches which are not interchangeable.

Dimensional range

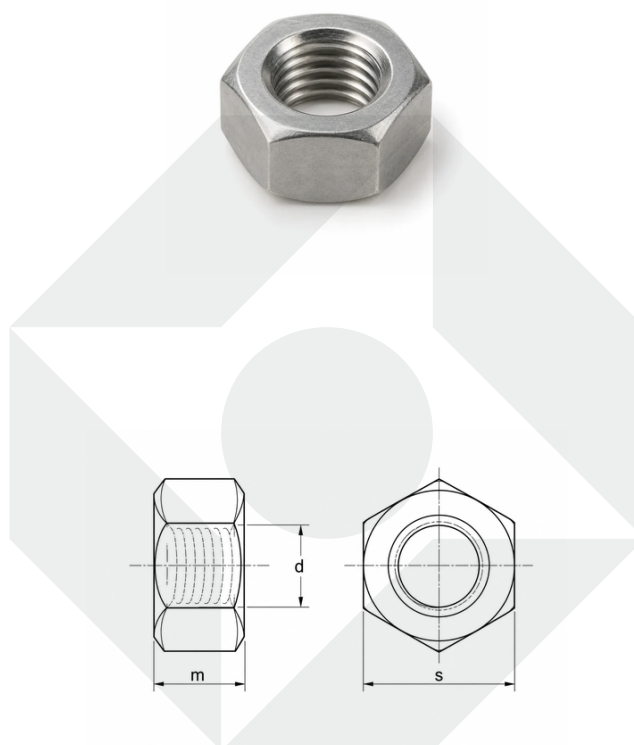
M8-M39

Thread

Metric · fine pitch

Configuration

Regular nut, style 1 · fine pitch



Technical drawing

d
nominal thread diameter

s
width across flats

m
nut height

Variants and dimensional data

Reference dimensions M8-M39. Diameter and pitch identify the variant; the table does not declare stock availability.

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

M	Pitch P	s	m min.	m max.
8	1	13	6.44	6.8

M	Pitch P	s	m min.	m max.
10	1.25	16	8.04	8.4
10	1	16	8.04	8.4
12	1.5	18	10.37	10.8
12	1.25	18	10.37	10.8
14	1.5	21	12.1	12.8
16	1.5	24	14.1	14.8
18	2	27	15.1	15.8
18	1.5	27	15.1	15.8
20	2	30	16.9	18
20	1.5	30	16.9	18
22	2	34	18.1	19.4
22	1.5	34	18.1	19.4
24	2	36	20.2	21.5
27	2	41	22.5	23.8
30	2	46	24.3	25.6
33	2	50	27.4	28.7
36	3	55	29.4	31
39	3	60	31.8	33.4

Compare diameter, pitch, width across flats and height before substitution. Sizes above M39 require a specific assessment: do not automatically extend the requirements of the main range.

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 934	Stainless A4	80	To be specified
DIN 934	Steel	To be specified	Black oxide; GEOMET 321A; Geomet 500a; Nickel plated; Plain; Trivalent iridescent zinc plated; Yellow zinc plated; Zinc plated; Zinc plated $\geq 12 \mu\text{m}$
DIN 934	Steel	10	GEOMET 321A; Plain; Trivalent iridescent zinc plated; Yellow zinc plated; Zinc plated; Zinc plated $\geq 8 \mu\text{m}$
DIN 934	Stainless A2	To be specified	To be specified
DIN 934	Stainless A2	To be specified	To be specified
DIN 267-4	Steel	To be specified	Black oxide

“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 8673:2023

ISO 8673:2023 dimensions. Commercial DIN 934 fine-pitch references require dimensional comparison; exact equivalence is not assumed.

