

Chamfered square nut

Four flat sides allow tool engagement or location in a pocket that prevents rotation. Select the chamfered square nut by thread, height and the space available in its housing.

UNI 5597

Dimensional range

M5-M16

Thread

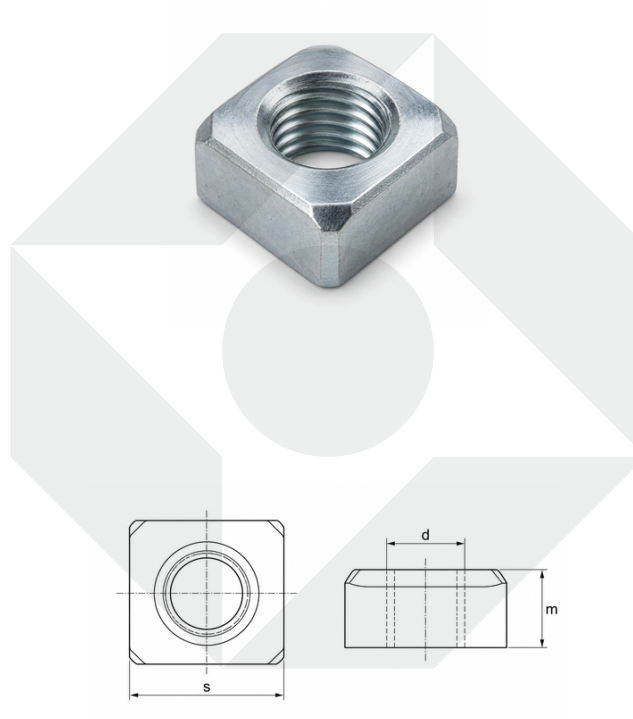
Metric · coarse pitch

Configuration

Square · chamfered

References

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Technical drawing

d
nominal internal thread

P
pitch

s
width across parallel flats

m
height

Variants and dimensional data

Verified commercial sizes M5, M6, M8, M10, M12 and M16. Other sizes, heights and threads on request. Width s is measured between parallel faces, not across the diagonal.

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

M	Pitch P	s	m
5	0.8	8	4
6	1	10	5
8	1.25	13	6.5
10	1.5	17	8
12	1.75	19	10
16	2	24	13

Dimensions s and m are commercial selection references. Allow clearance and tolerances in the housing; the square shape does not make the nut self-locking. The listed class identifies the requested commercial version, not every supply in the DIN 557 family.

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 557	Stainless A2	To be specified	To be specified
DIN 557	Stainless A4	80	To be specified
DIN 557	Steel	6	GEOMET 321A; Plain; Zinc plated

“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

DIN 557

DIN 557 identifies the chamfered commercial geometry. Dimensions and combinations support product selection; specify supply conformity, property class and tolerances in the order.

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Related reference in commercial catalogues. No exact normative equivalence is claimed; compare geometry and the supply specification.