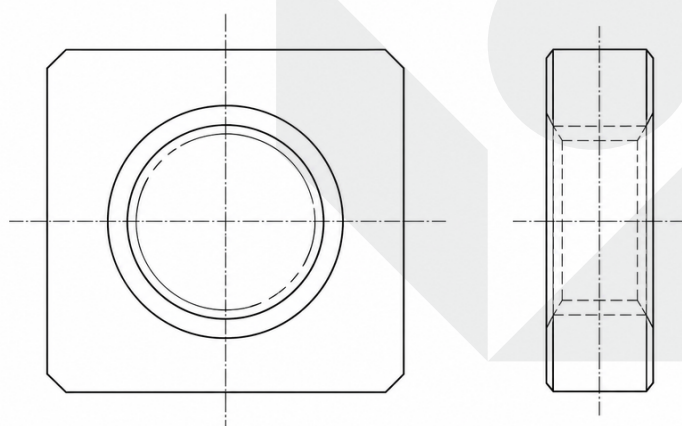


DIN 562

Thin square nut

A low-profile square nut for housings with limited axial space. Four flat sides allow location in a dedicated pocket; thread, width and height define the required configuration.

Selected M3, M4, M5, M6, M8 and M10 in A2 stainless; A4 configured for M6 and M8. Other diameters and materials on request. Dimensions follow the DIN column of the technical reference, separately from UNI dimensions.



d: nominal thread · P: pitch · s: width across flats · m: height · e: across-corners reference

Identification drawing, not a manufacturing drawing.

Dimensional range

Dimensions in millimetres.

M	Pitch P	s	m	e	kg / 1,000 pcs
3	0.5	5.5	1.8	7	ND
4	0.7	7	2.2	8.9	ND
5	0.8	8	2.7	10.2	ND
6	1	10	3.2	12.7	ND
8	1.25	13	4	16.5	ND
10	1.5	16	5	20.2	ND

Weight for each size: ND. No weight is transferred from a UNI geometry or another material.



Materials and classes

Material	Class / hardness	M	Supply
A2 stainless steel	To be specified	M3–M10	On request
A4 stainless steel	To be specified	M6–M8	On request

Finishes and treatments

Finish	Material	Class	M
Plain / as manufactured	A2 stainless steel	To be specified	M3–M10
Plain / as manufactured	A4 stainless steel	To be specified	M6–M8

Stainless configurations have no additional coating declared. Agree surface finish, cleaning and any required passivation.



Standards, documents and enquiry

Reduced height limits effective thread engagement. Design the joint for its load and the nut specification; the square shape is not a self-locking feature.

A2 and A4 identify the stainless steel group. Property classes 50, 70 or 80 are not assigned automatically: define mechanical requirements and documentation for supply. Do not replace a regular nut with a thin nut without checking the joint.

UNI 5596

Related reference with differences: heights differ for M3–M6; for M10 the listed width is 17 mm UNI versus 16 mm DIN. Do not transfer dimensions between the two series.

Supply documentation

Declaration of conformity; Material certificate; EN 10204 2.2 test report; EN 10204 3.1 inspection certificate; Dimensional inspection report; Coating report; Other documentation

Documents are subject to order agreement; no batch certificate is automatically included.

Related components

DIN 557, ISO 4035. Compare related nuts for shape and envelope; they are not automatically interchangeable substitutes.

Request a quote

Specify standard, diameter, pitch and length where applicable, material, property class or hardness, finish, quantity and documents. Other sizes and dedicated production can be assessed on request, with agreed minimum quantities.

Reference technical configurations: these do not represent stock quantities.

Other materials and specifications

Other materials, threads and geometries can be assessed on request. For substantial quantities we can review dedicated production, agreeing drawing, requirements and minimum batch size.