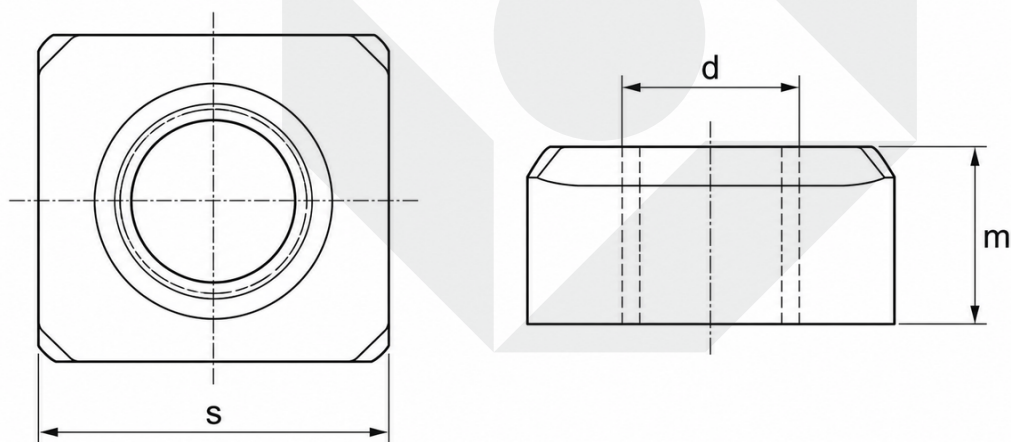


DIN 557

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.

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.



d : nominal internal thread · P : pitch · s : width across parallel flats · m : height

Identification drawing, not a manufacturing drawing.

Dimensional range

Dimensions in millimetres.

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



Materials and classes

Material	Class / hardness	M	Supply
Steel to mechanical specification	6	M5–M16	On request

Finishes and treatments

Finish	Material	Class	M
Plain / as manufactured	Steel to mechanical specification	6	M5–M16
Electroplated zinc	Steel to mechanical specification	6	M5–M16

Select the finish for the material/property-class combination. Hydrogen relief and lubrication are separate process requirements, not certificates and not implied by the coating name.



Standards, documents and enquiry

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.

Joint strength depends on nut class, mating bolt and effective thread engagement. Do not automatically transfer class 8 hexagon-nut pairing rules to this commercial class 6 version.

UNI 5597

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

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

ISO 4032, DIN 6334, ISO 4014, DIN 125 A. Match nominal diameter, pitch, strength, material, finish and joint conditions.

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

For requirements beyond the tabulated combinations, enquire about aluminium, brass, nylon, duplex, superduplex or an ASTM specification. Alloy or grade, dimensions, mechanical requirements and finish are defined for the enquiry; the geometric reference does not automatically imply conformity with the product standard.