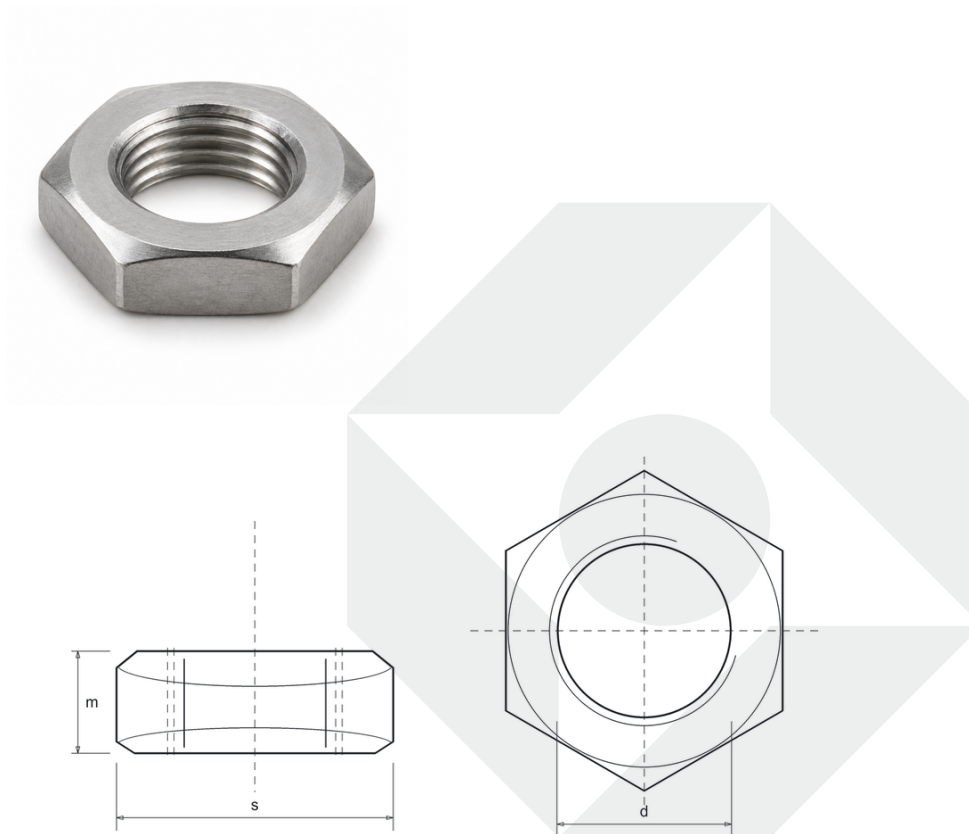


UNI 5589

Thin hexagon nut

A low profile for restricted spaces and jam-nut applications, with the commercial series' own widths and heights.

Reference sizes are listed in the table. Other diameters, pitches, materials and finishes are available on request, subject to an agreed supply specification.



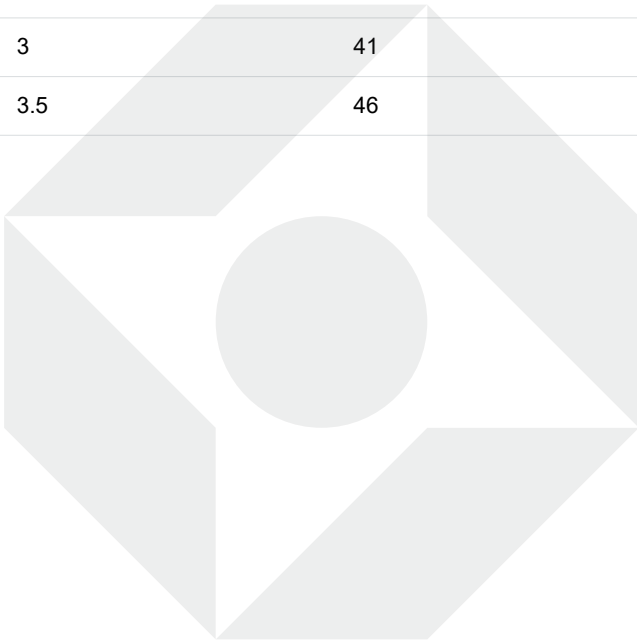
d: nominal thread · P: pitch · s: width across flats · m: body height · h: overall height · dc: flange diameter. Only columns included in the table apply.

Identification drawing, not a manufacturing drawing.

Dimensional range

Dimensions in millimetres.

M	Pitch P	s	m
8	1.25	13	5
10	1.5	17	6
12	1.75	19	7
14	2	22	8
16	2	24	8
18	2.5	27	9
20	2.5	30	9
22	2.5	32	10
24	3	36	10
27	3	41	12
30	3.5	46	12



Materials and classes

Material	Class / hardness	M	Supply
Steel to mechanical specification	04	M8–M30	On request

Finishes and treatments

Finish	Material	Class	M
Electroplated zinc	Steel to mechanical specification	04	M8–M30

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

Reduced-loadability class 04. It does not automatically replace a regular class 8 nut. Jam-nut use requires a defined assembly procedure.

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DIN 936

Related reference; compare dimensions, design and mechanical specification before substitution. Exact equivalence is not claimed.

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, ISO 4014. 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.