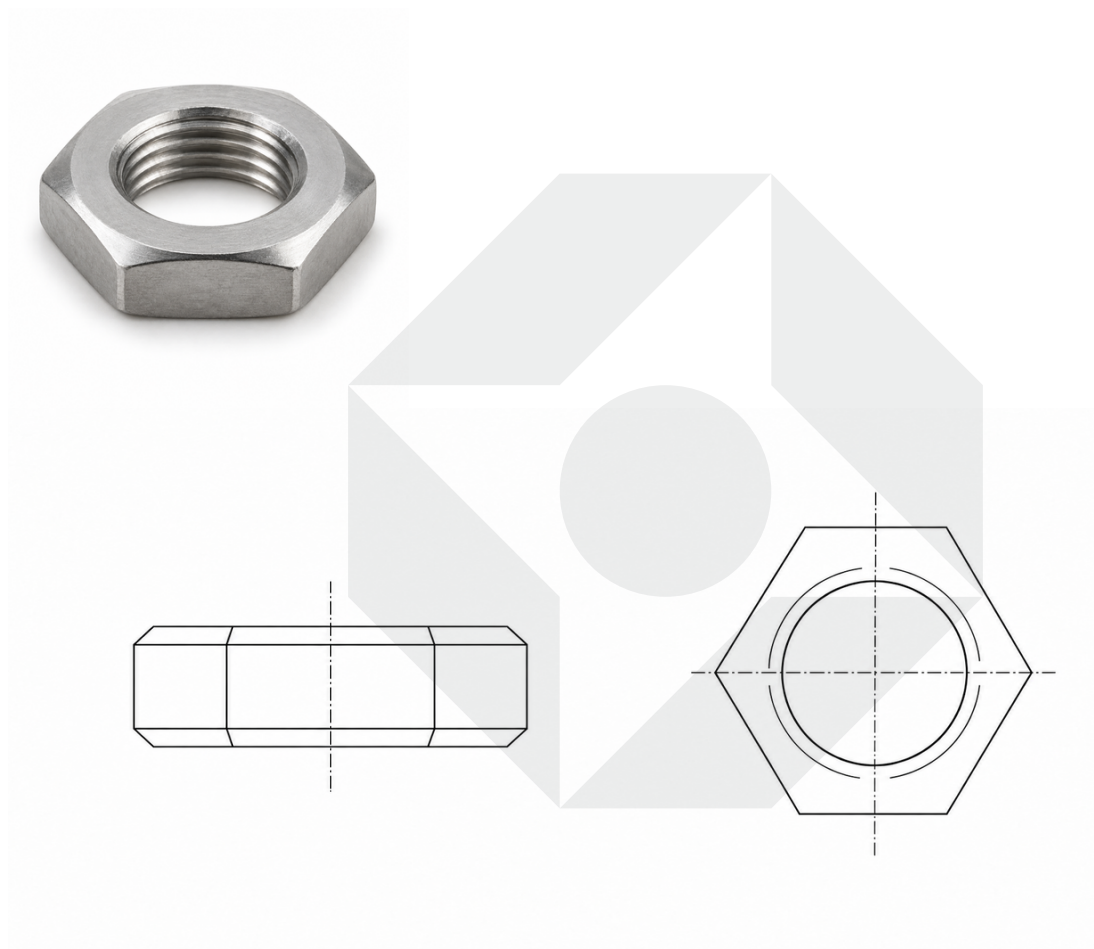


ISO 4035:2023

Hexagon thin nut, style 0

A compact axial profile for adjustment and space-limited connections. When used as a jam nut, pair it with a regular or high nut; it does not provide the loadability of a full-height nut on its own.

ISO 4035:2023 dimensions from M5 to M39. Material/finish selection is limited to verified combinations; enquire about other diameters, pitches and configurations.



d: nominal diameter · P: coarse pitch · s: maximum width across flats · m: minimum and maximum height

Identification drawing, not a manufacturing drawing.

Dimensional range

Dimensions in millimetres.

M	Pitch P	s	m min.	m max.
5	0.8	8	2.45	2.7
6	1	10	2.9	3.2
7	1	11	3.4	3.7
8	1.25	13	3.7	4
10	1.5	16	4.7	5
12	1.75	18	5.7	6
14	2	21	6.42	7
16	2	24	7.42	8
18	2.5	27	8.42	9
20	2.5	30	9.1	10
22	2.5	34	9.9	11
24	3	36	10.9	12
27	3	41	12.4	13.5
30	3.5	46	13.9	15
33	3.5	50	15.4	16.5
36	4	55	16.9	18
39	4	60	18.2	19.5

Materials and classes

Material	Class / hardness	M	Supply
Steel to mechanical specification	04	M6, M8, M10, M12, M16, M20	On request

Finishes and treatments

Finish	Material	Class	M
Black oxide	Steel to mechanical specification	04	M6, M8, M10, M12, M16, M20
Zinc plated, blue passivated	Steel to mechanical specification	04	M6, M8, M10, M12, M16, M20

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

The thin profile has reduced loadability. Class 04 is not class 4, 4.8 or 8: retain the leading zero. Jam-nut use requires an appropriate joint arrangement and a defined tightening procedure.

Do not automatically apply the bolt 8.8 / nut 8 pairing to this nut. Assess the connection using effective nut height and thread-stripping resistance.

DIN 439 B

DIN 439 B is a related historical reference: widths across flats and heights can differ. It is not an absolute equivalent. ISO 8675 covers fine pitch instead.

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 8675, ISO 4032, ISO 4014, ISO 4017. For jam-nut applications, assess the regular or high nut together with the threaded component.

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.