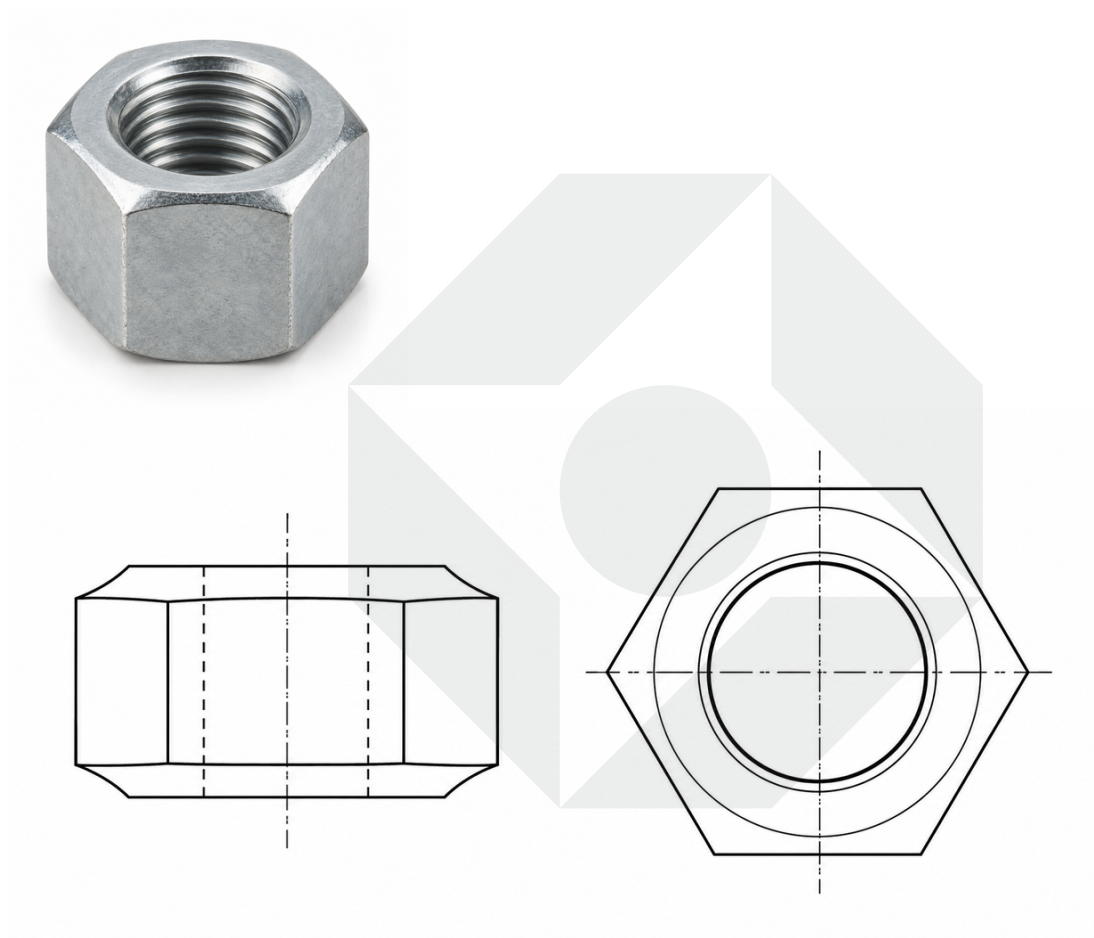


UNI 5587

High hexagon nut · commercial UNI series

Commercial high hexagon nuts with nominal height equal to diameter in the sizes tabulated here. For maintenance and new supply, check the width across flats and UNI specification instead of automatically substituting ISO 4033.

13 configured commercial sizes from M6 to M48, listed in the table. Not every intermediate size is included; other diameters, pitches and finishes on request.



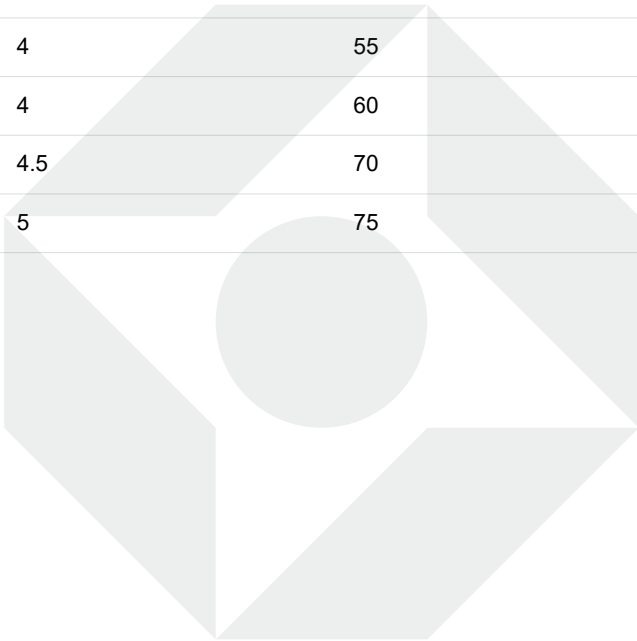
d: nominal diameter · P: coarse pitch · s: width across flats · m: nominal height

Identification drawing, not a manufacturing drawing.

Dimensional range

Dimensions in millimetres.

M	Pitch P	s	m
6	1	10	6
8	1.25	13	8
14	2	22	14
16	2	24	16
18	2.5	27	18
20	2.5	30	20
27	3	41	27
30	3.5	46	30
33	3.5	50	33
36	4	55	36
39	4	60	39
45	4.5	70	45
48	5	75	48



Materials and classes

Material	Class / hardness	M	Supply
Steel to mechanical specification	8	M6–M48	On request

Finishes and treatments

Finish	Material	Class	M
Electroplated zinc	Steel to mechanical specification	8	M6–M48

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

Commercial class [8] is specified to DIN 267-4: retain the supply mechanical specification. Similar marking alone does not establish ISO 898-2 conformity.

Check joint mechanical compatibility and the property-class specification as well as diameter and pitch. Specify zinc plating and the corresponding thread tolerance in the order.

ISO 4033:2023

Related commercial series with its own geometry. Examples: M10 has 17 mm flats in the commercial UNI series and 16 mm in ISO; M16 is 16 mm high in UNI and up to 16.4 mm in the ISO selection. Compare before substitution.

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 4033, ISO 4032, DIN 125 A, 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.