Low slotted castle nut

Castellated hexagon nut for retention by a split pin through a drilled bolt or pin. The low design reduces axial space requirements.

DIN 937

Dimensional range

M6-M48

Thread

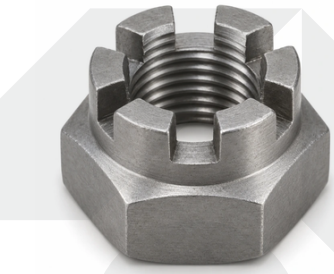
Metric · coarse pitch

Configuration

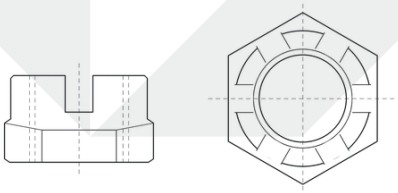
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References

DIN 937



Technical drawing



d

nominal thread

P

pitch

s

width across flats

e

minimum width across corners

m

overall height

de

crown diameter where specified

https://www.dueemmesidol.it/en/products/standard-fasteners/nuts/uni-5594/

n

slot width. -: dimension not stated.

Variants and dimensional data

Coarse-pitch sizes are listed in the table. Fine-pitch designs are also available on request: specify diameter × pitch. Other sizes, materials and finishes are defined in the quotation.

Dimensions in mm. Identification drawing, not a manufacturing drawing.

M	Pitch P	s	e min.	m	de	n
6	1	10	11.05	6.5	-	2
8	1.25	13	14.38	8	-	2.5
10	1.5	17	18.9	10	-	2.8
12	1.75	19	21.1	12	17	3.5
14	2	22	24.49	13	19	3.5
16	2	24	26.75	14	22	4.5
18	2.5	27	30.14	15	25	4.5
20	2.5	30	33.53	15	28	4.5
22	2.5	32	35.72	18	30	5.5
24	3	36	39.98	18	34	5.5
27	3	41	45.63	20	38	5.5
30	3.5	46	51.28	21	42	7
33	3.5	50	55.8	23	46	7
36	4	55	61.31	23	50	7
39	4	60	66.96	25	55	7
42	4.5	65	72.61	28	58	9
45	4.5	70	78.26	30	62	9
48	5	75	83.91	30	65	9

The split pin prevents relative rotation after tightening; it does not generate preload. Check the pin hole, split pin and slot alignment against the assembly procedure. Bolt and split pin are not automatically included.

Table dimensions refer to the stated execution. DIN/UNI, polymer and special variants require verification of their own dimensions; they do not automatically inherit reference geometry, weight or performance.

Materials, classes, finishes and treatments

Executions are distinguished by reference, material, class and finish. DIN, ISO and UNI references do not imply dimensional equivalence or availability of every size in each material. Supply and batch documents require quotation confirmation.

Execution reference	Material	Class / hardness	Documented finishes
UNI 5594	Steel	8	To be specified

“To be specified” is a requirement not established by this selection; it does not imply class 70/80, HV hardness or an automatic finish. Steel property classes do not apply to nylon/polyamide; PA6 and PA66 are distinguished only where stated. For nuts with non-metallic inserts, the material shown is the body material.

Documentation

Document	Status
Declaration of conformity	Subject to order agreement
Material certificate	Subject to order agreement
EN 10204 2.2 test report	Subject to order agreement
EN 10204 3.1 inspection certificate	Subject to order agreement
Dimensional inspection report	Subject to order agreement
Coating report	Subject to order agreement
Other documentation	Subject to order agreement

Batch documents are not automatically included: specify your requirements in the RFQ.

ISO, DIN and UNI: key differences

UNI 5594

Dimensions of the stated UNI commercial selection. Design may vary with diameter; the illustration identifies the configuration and does not replace a manufacturing drawing.

DIN 937

Similar commercial reference: compare height, slots and supply specification. Exact dimensional equivalence is not claimed.