Slotted round nut

An internally threaded cylindrical body with a face slot for driving. A compact solution selected together with the available tool access.

UNI 5719

Dimensional range

M1.6-M16

Thread

Metric · coarse pitch

Configuration

Slotted round nut

References

UNI 5719

Technical drawing



d

thread

P

pitch

dk

outside diameter

m

height

n

slot width

t min.

minimum slot depth.

https://www.dueemmesidol.it/en/products/standard-fasteners/nuts/din-546/

Variants and dimensional data

The table identifies the reference technical selection. The supply configuration is reviewed against the enquiry.

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

M	Pitch P	dk outside	m height	t min. slot depth	n slot width
1.6	0.35	3.5	1.6	0.6	0.5
2	0.4	4.5	2	0.8	1
2.5	0.45	5.5	2.2	0.9	1.2
3	0.5	6	2.5	1	1.2
4	0.7	8	3.5	1.2	1.4
5	0.8	9	4.2	1.5	2
6	1	11	5	2	2.5
8	1.25	14	6.5	2.5	3
10	1.5	18	8	3.2	3.5
12	1.75	21	10	3.8	4
16	2	26	12	3.8	4

The face slot is a drive feature and is not equivalent to the peripheral slots of a DIN 1804 locknut. This is not a prevailing-torque nut; verify torque and strength for the supplied configuration.

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
DIN 546	Stainless A1 · 1.4305	To be specified	To be specified
DIN 546	Stainless A4	To be specified	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

DIN 546

Geometry of the documented technical selection. Check the supplied product drawing before substitution; universal equivalence with other designs is not claimed.

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Similar reference: compare dimensions and specification requirements before substitution.