Nut with captive external tooth washer

A hexagonal nut with an externally toothed washer retained on its body. The assembly reduces the separate parts handled during installation.

Dimensional range

M3-M10

Thread

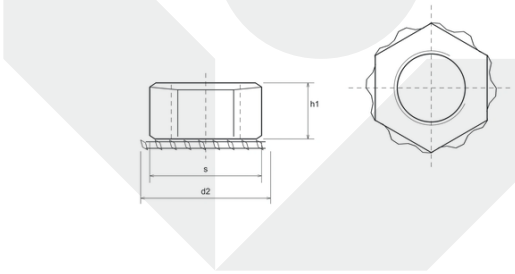
Metric · coarse pitch

Configuration

Nut with captive external tooth washer



Technical drawing



d

nominal thread

P

pitch

s

width across flats. Other dimensions are defined in the table headings.

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	d2 max. washer	h max. assembly	h1 max. nut	a washer	s
3	0.5	6.7	3.3	2.4	0.45	5.5

https://www.dueemmesidol.it/en/products/standard-fasteners/nuts/nut-captive-tooth/

M	Pitch P	d2 max. washer	h max. assembly	h1 max. nut	a washer	s
4	0.7	8.2	4.1	3.2	0.45	7
5	0.8	9.3	5.2	4	0.5	8
6	1	11.2	6.2	5	0.5	10
8	1.25	15.1	8.5	6.5	0.8	13
10	1.5	19.2	9.7	8	0.9	17

External teeth, distinct from a conical washer. Check the bearing surface, coating and tightening; the washer alone does not guarantee resistance to vibration loosening.

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

Other materials, property classes and finishes available on request.

State the required material, property class and finish in your enquiry. The configuration is defined and confirmed in the quotation.

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.

For this special execution, body material, any insert, class and treatment must be specified separately. Variants of geometrically similar products are not assigned automatically.

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

Preassembled nut and captive washer

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