

Domed cap nut with captive conical washer

A closed dome and preassembled conical washer combine thread-end protection and a resilient bearing element in one assembly.

Dimensional range

M4-M10

Thread

Metric · coarse pitch

Configuration

Domed cap nut with captive conical 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	h cap body	s	d2 washer	a washer
4	0.7	8	7	10	0.5

M	Pitch P	h cap body	s	d2 washer	a washer
5	0.8	10	8	12	0.8
6	1	12	10	14	1
8	1.25	15	13	18	1.3
10	1.5	18	17	22	1.5

Check bolt projection against the usable depth of the blind hole. This assembly is not a plain DIN 1587 nut; washer dimensions and behaviour must be specified for the 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

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.

