

Prevailing-torque nut with metal insert, high type

A resilient metal insert is retained in the hexagonal body. Locking is produced by the insert engaging the thread rather than deformation of the nut body.

Dimensional range

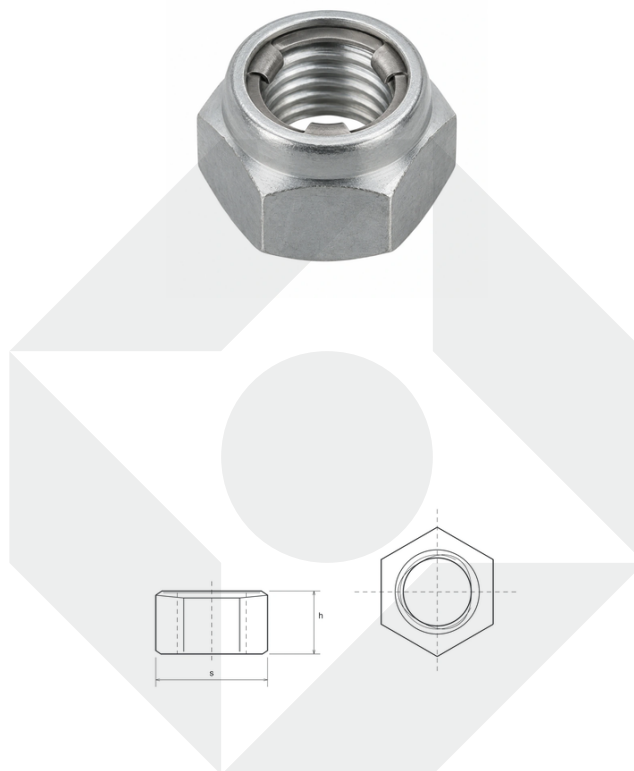
M4-M20

Thread

Metric · coarse pitch

Configuration

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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	s	h ± 0.2 mm
4	0.7	7	3.8

M	Pitch P	s	h ±0.2 mm
5	0.8	8	4.6
6	1	10	5.3
8	1.25	13	7.3
10	1.5	17	8.3
12	1.75	19	10.5
16	2	24	14.5
20	2.5	30	17.5

Low and high types differ in envelope and loadability. Prevailing torque, temperature and reuse depend on the verified design: do not assume universal performance or equivalence with DIN 980 V.

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

Similar to DIN 980 M

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

