Regular hexagon nut with pipe thread

A regular-height hexagonal body with a parallel G pipe thread. A distinct geometry from the thin DIN 431 nut: compare wrench size and height as well as thread designation.

Dimensional range

G 1/8-G 1 · selection

Thread

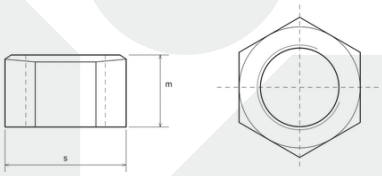
Parallel pipe G · ISO 228-1

Configuration

Regular hexagon nut with pipe thread



Technical drawing



G

pipe thread designation

P

pitch in mm

s

wrench size

m

height.

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.

G thread	Pitch P	s	m height
G 1/8	0.907	17	10
G 1/4	1.337	22	13
G 3/8	1.337	27	16
G 1/2	1.814	32	19
G 5/8	1.814	36	23
G 3/4	1.814	41	26
G 1	2.309	50	32

The outer form is a commercial selection: it does not claim ISO 4033 dimensional conformity or interchangeability with metric DIN 934. G threads are not self-sealing. Specify the application, mating thread and any sealing arrangement.

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

G pipe thread

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