Dax® - self-locking nut

Self-locking nut with an upper AISI 301 stainless insert. During tightening, the insert deforms elastically against the thread flank.

Family

Dax® - self-locking nut

Manufacturer

Gally®



Variants and dimensional data

Dimensions in mm, separated by version. Standard: class 10 from M6, AISI 304 stainless from M4; flanged: class 8; low: class 04; capped: class 8 or stainless from M6. A dash indicates a pitch not listed in the table.

Thread d	Coarse pitch	Fine pitch	Across flats s	Height h	Dimension m
M3	0.5	-	5.5	3	2.4
M4	0.7	-	7	3.8	3
M5	0.8	-	8	4.6	3.9
M6	1	-	10	5.1	4.2
M8	1.25	1	13	7.3	6.1
M10	1.5	1.25	17	8.3	7.1
M12	1.75	1.25	19	10.5	9
M14	2	1.5	22	12.5	11
M16	2	1.5	24	14.5	13
M18	2.5	1.5	27	16	14
M20	2.5	1.5	30	17.5	15.4
M22	2.5	1.5	32	19.5	17.2
M24	3	2	36	21.5	18.8

Thread d	Coarse pitch	Fine pitch	Across flats s	Height h	Dimension m	Flange dc
M5	0.8	-	8	6	5.3	11

https://www.dueemmesidol.it/en/products/standard-fasteners/nuts/gally-dax/

Thread d	Coarse pitch	Fine pitch	Across flats s	Height h	Dimension m	Flange dc
M6	1	-	10	6.9	6	13
M8	1.25	-	12	8.5	7.5	17
M10	-	1.25	14	10	8.8	19
M12	-	1.25	17	12.5	11.2	24
M14	-	1.5	19	15	13.5	26
M16	-	1.5	22	16.5	15	30
M18	-	1.5	24	18	16.5	32

Thread d	Coarse pitch	Fine pitch	Across flats s	Height h	Dimension m
M4	0.7	-	7	3.1	2.3
M5	0.8	-	8	4	3.3
M6	1	-	10	4	3.1
M8	1.25	-	13	5	3.8
M10	1.5	1.25	17	6.5	5.3
M12	1.75	1.25	19	8.5	7
M14	2	1.5	22	9.5	8
M16	2	1.5	24	12	10.5
M20	2.5	1.5	30	14	11.9

Thread d	Coarse pitch	Fine pitch	Across flats s	Height h	Dimension m
M5	0.8	-	8	9	3.9
M6	1	-	10	10.5	4.2
M8	1.25	-	13	13	6.1
M10	1.5	1.25	17	15.5	7.1
M12	1.75	1.25	19	19	9
M14	2	1.5	22	24.5	11
M16	2	1.5	24	26.5	13
M18	2.5	1.5	27	28.5	14
M20	2.5	1.5	30	31	15.4

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

Metal locking system with an insert separate from the nut body.

Insert	**AISI 301 stainless steel**
Versions	Standard, flanged, low, capped
Nut body	Steel 8; 04 for low nuts; 10 or AISI 304 stainless according to version.
Steel finish	Cr3 clear zinc plating; selection by version.

Size, pitch and material, class and finish combination must be confirmed against the requested original part number. No stock availability is implied.

Application selection

For industrial machinery, maintenance and electromechanical assemblies, assess vibration, temperature, mating bolt and tightening procedure. Suitability is determined for the specific joint.

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.

Manufacturer and documentation

This document describes an original Gally® family. Its performance is not attributed to equivalent products from other manufacturers.

View official Gally® documentation

Dueemme technical summary, not a manufacturer certificate.