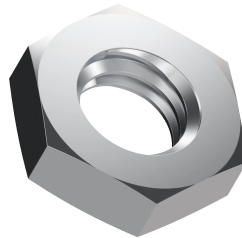


DIN 439

Hex Thin Nut



Standard	DIN 439		
Product Type	Hex Thin Nut		
Material	Carbon Steel, Stainless Steel		
Property Class	04, 05 (ISO 898-2) · A2-035, A4-040 (ISO 3506-2)		
Surface Finish	Zinc Plated, Hot Dip Galvanized, Dacromet, Blackened, Plain, Passivated, Phosphate		
Size Range	M3 - M36	Thread	ISO metric coarse pitch

BASIS OF SPECIFICATION

WHICH STANDARD GOVERNS WHAT

Dimensions to	DIN 439-2:1987-10
Carbon steel / Alloy steel mechanical properties to	ISO 898-2:2022
Stainless steel mechanical properties to	ISO 3506-2:2020

PROPERTY CLASSES

REQUIRED VALUES PER ISO 898-2

Class	Governing property	Source
04	Proof load - no tensile strength specified for nuts	ISO 898-2
05	Proof load - no tensile strength specified for nuts	ISO 898-2

PROPERTY CLASSES

REQUIRED VALUES PER ISO 3506-2

Class	Governing property	Source
A2-035	Proof load - no tensile strength specified for nuts	ISO 3506-2
A4-040	Proof load - no tensile strength specified for nuts	ISO 3506-2

DIMENSIONAL DATA - SIZES WE SUPPLY

ALL DIMENSIONS PER THE STANDARD

d	P	s (max)	e (min)	m	Approx. Mass	d	P	s (max)	e (min)	m	Approx. Mass
Diameter - mm	Thread Pitch - mm	Width Across Flats - mm	Width Across Corners - mm	Nut Height - mm		Diameter - mm	Thread Pitch - mm	Width Across Flats - mm	Width Across Corners - mm	Nut Height - mm	
M6	1	10	11.05	3.2	-	M20	2.5	30	32.95	10	40.2
M8	1.25	13	14.38	4	3.2	M24	3	36	39.55	12	69.5
M10	1.5	17	18.9	5	7.2	M30	3.5	46	50.85	15	139
M12	1.75	19	21.1	6	10.4	M36	4	55	60.79	18	244
M16	2	24	26.75	8	20.5						

FURTHER SIZES IN THIS STANDARD

ALL DIMENSIONS PER THE STANDARD

Not held in stock. Available to order; minimum order quantity applies.

d Diameter - mm	P Thread Pitch - mm	s (max) Width Across Flats - mm	e (min) Width Across Corners - mm	m Nut Height - mm	Approx. Mass
M3	0.5	5.5	6.01	1.8	0.29
M4	0.7	7	7.66	2.2	0.57
M5	0.8	8	8.79	2.7	0.83
M14	2	22	24.49	7	15.9

d Diameter - mm	P Thread Pitch - mm	s (max) Width Across Flats - mm	e (min) Width Across Corners - mm	m Nut Height - mm	Approx. Mass
M18	2.5	27	29.56	9	29.6
M22	2.5	32	35.03	11	48.3
M27	3	41	45.2	13.5	101
M33	3.5	50	55.37	16.5	183

MARKING

Carbon steel / Alloy steel

Head marking to ISO 898-2:2022

Stainless steel

Head marking to ISO 3506-2:2020

Marking requirements are set by the material standard named above, not by the product standard. Confirm the ordered property class before production.

INSPECTION DOCUMENTS WE CAN ISSUE

EN 10204 3.1 material certificate	Can be included when agreed in the order.
Dimensional inspection report	Can be provided for the agreed inspection scope.
Certificate of conformity	Can be issued against the confirmed order requirements.
Mechanical test report	Available when the required tests are agreed before production.
Chemical analysis report	Available when the material verification scope is agreed.
Coating inspection report	Can record the coating checks agreed for the order.

REFERENCES & NOTES

Note: DIN 439 is a withdrawn legacy standard; the current standard for this product is ISO 4035. This sheet is built to DIN 439. Dimensions can differ between the two - check the recorded correspondence on our website before substituting one for the other.