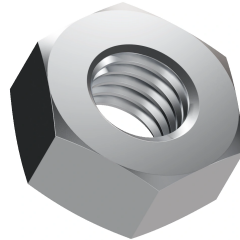


ISO 4034

Hexagon regular nuts - Product grade C



Standard	ISO 4034		
Product Type	ISO 4034:2012 specifies the characteristics of hexagon regular nuts (style 1) with threads from M5 up to and including M64 and product grade C.		
Material	Carbon Steel		
Property Class	5		
Surface Finish	Zinc Plated, Hot Dip Galvanized, Dacromet, Blackened, Phosphate, Plain		
Size Range	M5 - M36	Thread	ISO metric coarse pitch

BASIS OF SPECIFICATION

WHICH STANDARD GOVERNS WHAT

Dimensions to	ISO 4034:2012
Carbon steel / Alloy steel mechanical properties to	ISO 898-2:2022
Stainless steel mechanical properties to	ISO 3506-2:2020
Product grade	C

PROPERTY CLASSES

REQUIRED VALUES PER ISO 898-2

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

DIMENSIONAL DATA - SIZES WE SUPPLY

ALL DIMENSIONS PER THE STANDARD

d	P	s (max)	s (min)	e (min)	m	m (min)
Diameter - mm	Thread Pitch - mm	Width Across Flats - mm	Width Across Flats - mm	Width Across Corners - mm	Nut Height - mm	Nut Height - mm
M6	1	10	9.64	10.89	6.4	4.9
M8	1.25	13	12.57	14.2	7.9	6.4
M10	1.5	16	15.57	17.59	9.5	8
M12	1.75	18	17.57	19.85	12.2	10.4
M16	2	24	23.16	26.17	15.9	14.1
M20	2.5	30	29.16	32.95	19	16.9
M24	3	36	35	39.55	22.3	20.2
M30	3.5	46	45	50.85	26.4	24.3
M36	4	55	53.8	60.79	31.9	29.4

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	s (min) Width Across Flats - mm	e (min) Width Across Corners - mm	m Nut Height - mm	m (min) Nut Height - mm
M5	0.8	8	7.64	8.63	5.6	4.4
M22	2.5	34	33	37.29	20.2	18.1
M27	3	41	40	45.2	24.7	22.6
M33	3.5	50	49	55.37	29.5	27.4

MARKING
Steel — Required

What	Manufacturer identification mark and the property class symbol of Table 9. Small nuts, or nuts whose shape leaves no room, may use the clock-face marking of Table 9 instead
Where	Indented on a side face or on the bearing face, or embossed on the chamfer; an embossed mark shall not stand above the bearing face
Sizes	All sizes
Clause	ISO 898-2:2012, 10.3.1, 10.3.2 and 10.4.1

- "The marking symbol in accordance with 10.3.2 to 10.5 shall be embossed or indented, during the manufacturing process, on all nuts manufactured to the requirements of this part of ISO 898."
- This standard carries only property class 5; above M39 the class is agreed between the parties.
- This standard does not cover stainless steel, so there is no ISO 3506-2 marking route for it.
- ISO 4034:2012 has no marking clause of its own: its contents run Clauses 1 to 5 (Scope, Normative references, Dimensions, Requirements and reference International Standards, Designation).
- 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: Dimensional values follow the selected execution standard. Material properties and batch test results are included only when declared or supported by the applicable certificate or test report.