

Cap (Acorn) Nuts — DIN 1587

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Nuts · Cap (Acorn) Nuts

Cap (Acorn) Nuts to DIN 1587. Full dimensional table, materials, finishes and quotation. 8 sizes listed.



Technical Drawing

Customize the parameters below — every spec field is editable, and the drawing redraws to match the values you choose.

Changing the size will snap the other fields to that size's standard values; you can then override any individual value.

Sends the selected values to the quote form below.

Request a Quotation for Cap (Acorn) Nuts

Tell us the size, material, finish and quantity you need for Cap (Acorn) Nuts (DIN 1587) and our team will respond within one business day. Click "Request this configuration" on the drawing above to send the parameters you just chose straight into this

form.

Category Type Standard Thread size Material Finish

Dimensions & Specifications (DIN 1587)

Every row below is a starting point for the customizer above — pick any size and the drawing will redraw to that row.

Size	Pitch (mm)	Width across flats s (mm)	Width across corners e min (mm)	Total height m (mm)	Dome diameter (mm)	Reference standard	Notes
M4	0.7	7.0	7.66	8.0	7.0	DIN 1587	Closed-end domed cap nut, decorative / protective
M5	0.8	8.0	8.79	10.0	8.0	DIN 1587	Closed-end domed cap nut, decorative / protective
M6	1.0	10.0	11.05	12.0	10.0	DIN 1587	Closed-end domed cap nut, decorative / protective
M8	1.25	13.0	14.38	15.0	13.0	DIN 1587	Closed-end domed cap nut, decorative / protective
M10	1.5	17.0	18.90	18.0	17.0	DIN 1587	Closed-end domed cap nut, decorative / protective
M12	1.75	19.0	21.10	22.0	19.0	DIN 1587	Closed-end domed cap nut, decorative / protective
M16	2.0	24.0	26.75	28.0	24.0	DIN 1587	Closed-end domed cap nut, decorative / protective
M20	2.5	30.0	33.53	34.0	30.0	DIN 1587	Closed-end domed cap nut, decorative / protective

Cap (Acorn) Nuts (DIN 1587) are a type of nuts used across industrial assembly. Below is the complete size table together with material, standard and application guidance.

What Are Cap (Acorn) Nuts?

Cap (Acorn) Nuts are nuts defined by DIN 1587. They are selected by thread size and the dimensional characteristics shown below, and are available in a range of materials and finishes to suit the application and environment.

Materials & Finishes

Common materials include carbon steel (typically zinc plated or hot-dip galvanized), alloy steel in property classes 8.8, 10.9 and 12.9, and stainless steel A2 (304) or A4 (316) for corrosion resistance. Specify the material, property class and surface finish appropriate to your load and environment.

Typical Applications

Paired with bolts and studs across machinery, structures and equipment; lock variants resist loosening under vibration. [Read the full application guide for Cap \(Acorn\) Nuts →](#)

Related Fasteners

- [Thin Hex Nut — GB/T 901 / DIN 939 \(Series 094\) — GB/T 901 / DIN 939](#)
- [Square Nut, Metric — GB/T 39 / ISO 4034 \(Series 076\) — GB/T 39 / ISO 4034](#)
- [Square Nut — GB/T 39 / ISO 4034 \(Series 075\) — GB/T 39 / ISO 4034](#)
- [Custom Slotted Round Nut — GB/T 812 \(Series 070\) — GB/T 812](#)
- [Slotted Round Nut, Small Series — GB/T 812 \(Series 068\) — GB/T 812](#)

Pricing

Cap (Acorn) Nuts are stocked and supplied to order. Pricing starts from approximately US\$0.050 per piece for standard sizes in carbon steel; final pricing depends on size, material, finish and order quantity (MOQ applies). Submit your exact configuration with the quote form above.

Frequently Asked Questions

What standard and drive type do Cap (Acorn) Nuts use?

Cap (Acorn) Nuts are manufactured to DIN 1587 and use the standard drive for this product family. The dimensional values on this page follow that standard.

What sizes are available for Cap (Acorn) Nuts?

The table on this page lists 8 sizes for Cap (Acorn) Nuts, ranging from M4 to M20. Sizes outside the table can be quoted on request.

In which materials are Cap (Acorn) Nuts supplied?

Cap (Acorn) Nuts are supplied in matching property-class steel and stainless A2 / A4, with finishes including zinc plating, hot-dip galvanizing and black oxide. Choose material and finish to suit the load and the service environment for Cap (Acorn) Nuts.

How do I request a quotation?

Use the parametric drawing on this page to set the exact configuration (size, material, finish) and click "Request this configuration"
— a specialist from engineeringhardware.com will respond within one business day.

More Nuts

[← Previous Square Nuts DIN 557](#) [Next → Wing Nuts DIN 315](#)