

Square Nuts — DIN 557

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[Fasteners/](#) [Nuts/](#) Square Nuts

Nuts · Square Nuts

Square Nuts to DIN 557. Full dimensional table, materials, finishes and quotation. 7 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 Square Nuts

Tell us the size, material, finish and quantity you need for Square Nuts (DIN 557) 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 557)

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 (mm)	Width across corners (mm)	Nut height (mm)	Reference standard	Notes
M5	0.8	8.0	11.1	4.0	DIN 557 / DIN 562	Square nut, general / channel use
M6	1.0	10.0	13.9	5.0	DIN 557 / DIN 562	Square nut, general / channel use
M8	1.25	13.0	18.0	6.5	DIN 557 / DIN 562	Square nut, general / channel use
M10	1.5	17.0	23.6	8.0	DIN 557 / DIN 562	Square nut, general / channel use
M12	1.75	19.0	26.5	10.0	DIN 557 / DIN 562	Square nut, general / channel use
M16	2.0	24.0	33.5	13.0	DIN 557 / DIN 562	Square nut, general / channel use
M20	2.5	30.0	42.0	16.0	DIN 557 / DIN 562	Square nut, general / channel use

Square Nuts are nuts manufactured to DIN 557. This page lists the full dimensional range with the key specifications engineers need to select and specify them.

What Are Square Nuts?

Square Nuts are nuts defined by DIN 557. 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 Square Nuts](#) →

Related Fasteners

- [Hex Nut, Fine Pitch — GB/T 6171 / ISO 8673 \(Series 067\) — GB/T 6171 / ISO 8673](#)
- [Thin Hex Castle Nut — GB/T 6181 / ISO 4035 \(Series 053\) — GB/T 6181 / ISO 4035](#)
- [Nylon Insert Hex Lock Nut \(Type 2\) — GB/T 6182 / ISO 10513 \(Series 051\) — GB/T 6182 / ISO 10513](#)
- [Hex Slotted Castle Nut \(Type 2\) — GB/T 6180 / ISO 7036 \(Series 050\) — GB/T 6180 / ISO 7036](#)
- [All-Metal Prevailing Torque Hex Lock Nut \(Type 1\) — GB/T 6184 / ISO 7042 \(Series 047\) — GB/T 6184 / ISO 7042](#)

Pricing

Square Nuts are stocked and supplied to order. Pricing starts from approximately US\$0.020 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 Square Nuts use?

Square Nuts are manufactured to DIN 557 and use the standard drive for this product family. The dimensional values on this page follow that standard.

What sizes are available for Square Nuts?

The table on this page lists 7 sizes for Square Nuts, ranging from M5 to M20. Sizes outside the table can be quoted on request.

In which materials are Square Nuts supplied?

Square 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 Square 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](#)[Lifting Eye Nuts DIN 582](#)[Next →](#)[Cap \(Acorn\) Nuts DIN 1587](#)