

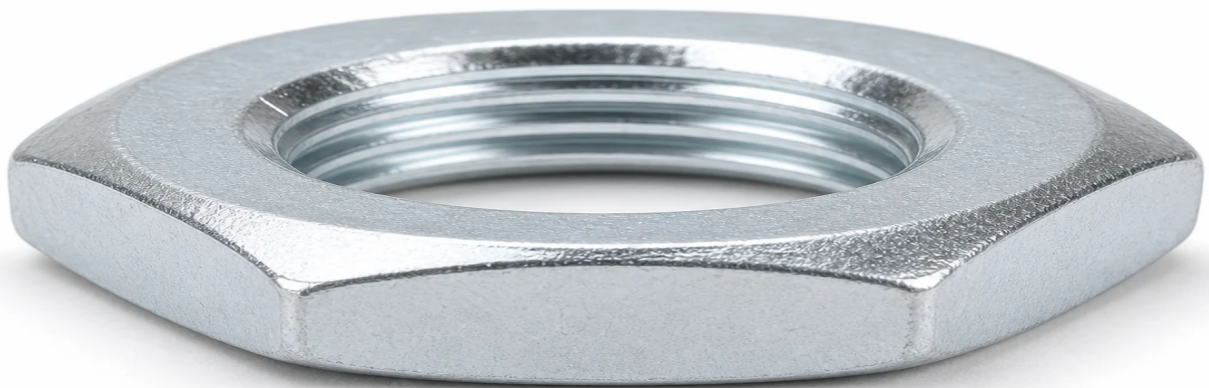
Thin Hex Nut, Fine Pitch — GB/T 6173 / ISO 8675 (Series 056) — GB/T 6173 / ISO 8675

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[Fasteners/ Nuts/](#) Thin Hex Nut, Fine Pitch — GB/T 6173 / ISO 8675 (Series 056)

Nuts · CAD Hex Nuts

Thin Hex Nut, Fine Pitch — GB/T 6173 / ISO 8675 (Series 056) to GB/T 6173 / ISO 8675. Full dimensional table, materials, finishes and quotation. 14 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 Thin Hex Nut, Fine Pitch — GB/T 6173 / ISO 8675 (Series 056)

Tell us the size, material, finish and quantity you need for Thin Hex Nut, Fine Pitch — GB/T 6173 / ISO 8675 (Series 056) (GB/T 6173 / ISO 8675) 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 (GB/T 6173 / ISO 8675)

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 (mm)	Nut height m (mm)	Reference standard
M3	0.5	5.5	6.01	1.8	ISO 4035 / GB/T 6172
M4	0.7	7.0	7.66	2.2	ISO 4035 / GB/T 6172
M5	0.8	8.0	8.79	2.7	ISO 4035 / GB/T 6172
M6	1.0	10.0	11.05	3.2	ISO 4035 / GB/T 6172
M8	1.25	13.0	14.38	4.0	ISO 4035 / GB/T 6172
M10	1.5	16.0	17.77	5.0	ISO 4035 / GB/T 6172
M12	1.75	18.0	20.03	6.0	ISO 4035 / GB/T 6172
M14	2.0	21.0	23.36	7.0	ISO 4035 / GB/T 6172
M16	2.0	24.0	26.75	8.0	ISO 4035 / GB/T 6172
M18	2.5	27.0	30.14	9.0	ISO 4035 / GB/T 6172
M20	2.5	30.0	33.53	10.0	ISO 4035 / GB/T 6172
M24	3.0	36.0	39.98	12.0	ISO 4035 / GB/T 6172
M30	3.5	46.0	50.85	15.0	ISO 4035 / GB/T 6172
M36	4.0	55.0	60.79	18.0	ISO 4035 / GB/T 6172

Thin Hex Nut, Fine Pitch — GB/T 6173 / ISO 8675 (Series 056) (GB/T 6173 / ISO 8675) are a type of nuts used across industrial assembly. Below is the complete size table together with material, standard and application guidance.

What Are Thin Hex Nut, Fine Pitch — GB/T 6173 / ISO 8675 (Series 056)?

Thin Hex Nut, Fine Pitch — GB/T 6173 / ISO 8675 (Series 056) are nuts defined by GB/T 6173 / ISO 8675. 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.

CAD Source Reference

This page is generated from an original native CAD part model (SolidWorks .SLDPRT) of the thin hex nut, fine pitch — gb/t 6173 / iso 8675 (series 056) family maintained by our engineering team, covering 13 recorded size configurations. The technical drawing shown above is rebuilt parametrically from the dimensional table, so it always reflects the exact size and configuration you select. Native CAD files (STEP / SLDPRPT) can be supplied with your quotation on request.

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 Thin Hex Nut, Fine Pitch — GB/T 6173 / ISO 8675 \(Series 056\) →](#)

Related Fasteners

- [Hex Nut — GB/T 6170 / ISO 4032 \(Series 061\) — GB/T 6170 / ISO 4032](#)
- [Thin Hex Nut — GB/T 6172.1 / ISO 4035 \(Series 055\) — GB/T 6172.1 / ISO 4035](#)
- [Hex Slotted Nut — GB/T 6181 / ISO 4035 \(Series 054\) — GB/T 6181 / ISO 4035](#)
- [Hex Nut, Fine Pitch — GB/T 6171 / ISO 8673 \(Series 067\) — GB/T 6171 / ISO 8673](#)
- [Hex Thick Nut — DIN 6330 / GB/T 56 \(Series 052\) — DIN 6330 / GB/T 56](#)

Pricing

Thin Hex Nut, Fine Pitch — GB/T 6173 / ISO 8675 (Series 056) are stocked and supplied to order. Pricing starts from approximately US\$0.030 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

Which standard governs Thin Hex Nut, Fine Pitch — GB/T 6173 / ISO 8675 (Series 056), and how are they driven?

Thin Hex Nut, Fine Pitch — GB/T 6173 / ISO 8675 (Series 056) are manufactured to GB/T 6173 / ISO 8675 and use an external hex drive. The dimensional values on this page follow that standard.

What sizes are available for Thin Hex Nut, Fine Pitch — GB/T 6173 / ISO 8675 (Series 056)?

The table on this page lists 14 sizes for Thin Hex Nut, Fine Pitch — GB/T 6173 / ISO 8675 (Series 056), ranging from M3 to M36. Sizes outside the table can be quoted on request.

In which materials are Thin Hex Nut, Fine Pitch — GB/T 6173 / ISO 8675 (Series 056) supplied?

Thin Hex Nut, Fine Pitch — GB/T 6173 / ISO 8675 (Series 056) 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 Thin Hex Nut, Fine Pitch — GB/T 6173 / ISO 8675 (Series 056).

What spanner sizes do Thin Hex Nut, Fine Pitch — GB/T 6173 / ISO 8675 (Series 056) take?

The width-across-flats for the smallest size on this page is 5.5 mm; the full table opposite the drawing lists the spanner size for every Thin Hex Nut, Fine Pitch — GB/T 6173 / ISO 8675 (Series 056).

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

[← PreviousThin Hex Nut — GB/T 901 / DIN 939 \(Series 094\)GB/T 901 / DIN 939](#)[Next →Thin Hex Nut — GB/T 6170 / ISO 4032 \(Series 058\)GB/T 6170 / ISO 4032](#)