

Nylon Insert Hex Lock Nut — GB/T 889 / ISO 7040 (Series 078) — GB/T 889 / ISO 7040

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[Fasteners/ Nuts/](#) Nylon Insert Hex Lock Nut — GB/T 889 / ISO 7040 (Series 078)

Nuts · CAD Lock Nuts

Nylon Insert Hex Lock Nut — GB/T 889 / ISO 7040 (Series 078) to GB/T 889 / ISO 7040. 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 Nylon Insert Hex Lock Nut — GB/T 889 / ISO 7040 (Series 078)

Tell us the size, material, finish and quantity you need for Nylon Insert Hex Lock Nut — GB/T 889 / ISO 7040 (Series 078) (GB/T 889 / ISO 7040) 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 889 / ISO 7040)

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)	Total height m (mm)	Reference standard
M3	0.5	5.5	6.01	4.0	ISO 7040 / DIN 985
M4	0.7	7.0	7.66	5.0	ISO 7040 / DIN 985
M5	0.8	8.0	8.79	5.0	ISO 7040 / DIN 985
M6	1.0	10.0	11.05	6.0	ISO 7040 / DIN 985
M8	1.25	13.0	14.38	8.0	ISO 7040 / DIN 985
M10	1.5	16.0	17.77	10.0	ISO 7040 / DIN 985
M12	1.75	18.0	20.03	12.0	ISO 7040 / DIN 985
M14	2.0	21.0	23.36	14.0	ISO 7040 / DIN 985
M16	2.0	24.0	26.75	16.0	ISO 7040 / DIN 985
M18	2.5	27.0	30.14	18.0	ISO 7040 / DIN 985
M20	2.5	30.0	33.53	20.0	ISO 7040 / DIN 985
M24	3.0	36.0	39.98	22.0	ISO 7040 / DIN 985
M30	3.5	46.0	50.85	25.0	ISO 7040 / DIN 985
M36	4.0	55.0	60.79	29.0	ISO 7040 / DIN 985

Nylon Insert Hex Lock Nut — GB/T 889 / ISO 7040 (Series 078) are nuts manufactured to GB/T 889 / ISO 7040. This page lists the full dimensional range with the key specifications engineers need to select and specify them.

What Are Nylon Insert Hex Lock Nut — GB/T 889 / ISO 7040 (Series 078)?

Nylon Insert Hex Lock Nut — GB/T 889 / ISO 7040 (Series 078) are nuts defined by GB/T 889 / ISO 7040. 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 nylon insert hex lock nut — gb/t 889 / iso 7040 (series 078) family maintained by our engineering team, covering 3 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 / SLDPRP) 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 Nylon Insert Hex Lock Nut — GB/T 889 / ISO 7040 \(Series 078\) →](#)

Related Fasteners

- [Nylon Insert Hex Lock Nut \(Type 2\) — GB/T 6182 / ISO 10513 \(Series 051\) — GB/T 6182 / ISO 10513](#)
- [All-Metal Prevailing Torque Hex Lock Nut \(Type 1\) — GB/T 6184 / ISO 7042 \(Series 047\) — GB/T 6184 / ISO 7042](#)
- [Thin Hex Nut — GB/T 901 / DIN 939 \(Series 094\) — GB/T 901 / DIN 939](#)
- [Wing Nut — GB/T 62 / DIN 315 \(Series 077\) — GB/T 62 / DIN 315](#)
- [Square Nut — GB/T 39 / ISO 4034 \(Series 075\) — GB/T 39 / ISO 4034](#)

Pricing

Nylon Insert Hex Lock Nut — GB/T 889 / ISO 7040 (Series 078) 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 Nylon Insert Hex Lock Nut — GB/T 889 / ISO 7040 (Series 078), and how are they driven?

Nylon Insert Hex Lock Nut — GB/T 889 / ISO 7040 (Series 078) are manufactured to GB/T 889 / ISO 7040 and use the standard drive for this product family. The dimensional values on this page follow that standard.

Which sizes of Nylon Insert Hex Lock Nut — GB/T 889 / ISO 7040 (Series 078) does engineeringhardware.com supply?

The table on this page lists 14 sizes for Nylon Insert Hex Lock Nut — GB/T 889 / ISO 7040 (Series 078), ranging from M3 to M36.

Sizes outside the table can be quoted on request.

In which materials are Nylon Insert Hex Lock Nut — GB/T 889 / ISO 7040 (Series 078) supplied?

Nylon Insert Hex Lock Nut — GB/T 889 / ISO 7040 (Series 078) 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 Nylon Insert Hex Lock Nut — GB/T 889 / ISO 7040 (Series 078).

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

[← PreviousHex Slotted Nut — GB/T 6181 / ISO 4035 \(Series 054\)GB/T 6181 / ISO 4035](#)[Next →Thin Hex Nut — GB/T 6172.1 / ISO 4035 \(Series 055\)GB/T 6172.1 / ISO 4035](#)