

Custom Slotted Round Nut — GB/T 812 (Series 070) — GB/T 812

Engineering Hardware · engineeringhardware.com/fastener/cad-svg-070-roundnut

[Fasteners/ Nuts/ Custom Slotted Round Nut — GB/T 812 \(Series 070\)](#)

Nuts · CAD Round Nuts

Custom Slotted Round Nut — GB/T 812 (Series 070) to GB/T 812. Full dimensional table, materials, finishes and quotation. 11 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 Custom Slotted Round Nut — GB/T 812 (Series 070)

Tell us the size, material, finish and quantity you need for Custom Slotted Round Nut — GB/T 812 (Series 070) (GB/T 812) 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 812)

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)	Outer diameter D (mm)	Nut height m (mm)	Slot width (mm)	Slot depth (mm)	Reference standard
M10x1.0	1.0	18	8	3	2	GB/T 812 / DIN 1804
M12x1.25	1.25	22	8	3	2	GB/T 812 / DIN 1804
M16x1.5	1.5	28	8	4	2.5	GB/T 812 / DIN 1804
M20x1.5	1.5	34	10	4	2.5	GB/T 812 / DIN 1804
M24x1.5	1.5	40	10	5	3	GB/T 812 / DIN 1804
M30x1.5	1.5	48	12	5	3	GB/T 812 / DIN 1804
M36x1.5	1.5	58	12	6	3	GB/T 812 / DIN 1804
M48x1.5	1.5	72	15	6	4	GB/T 812 / DIN 1804
M60x2.0	2.0	90	18	7	4	GB/T 812 / DIN 1804
M80x2.0	2.0	115	20	8	5	GB/T 812 / DIN 1804
M100x2.0	2.0	140	22	10	5	GB/T 812 / DIN 1804

Manufactured to GB/T 812, Custom Slotted Round Nut — GB/T 812 (Series 070) are nuts supplied by engineeringhardware.com. The dimensional data, materials and selection notes are summarized here.

What Are Custom Slotted Round Nut — GB/T 812 (Series 070)?

Custom Slotted Round Nut — GB/T 812 (Series 070) are nuts defined by GB/T 812. 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 custom slotted round nut — gb/t 812 (series 070) family maintained by our engineering team, covering 4 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 Custom Slotted Round Nut — GB/T 812 \(Series 070\) →](#)

Related Fasteners

- [Slotted Round Nut, Small Series — GB/T 810 \(Series 074\) — GB/T 810](#)
- [Slotted Round Nut — GB/T 812 \(Series 069\) — GB/T 812](#)
- [Slotted Round Nut, Small Series — GB/T 812 \(Series 068\) — GB/T 812](#)
- [Wing Nut — GB/T 62 / DIN 315 \(Series 077\) — GB/T 62 / DIN 315](#)
- [Square Nut, Metric — GB/T 39 / ISO 4034 \(Series 076\) — GB/T 39 / ISO 4034](#)

Pricing

Custom Slotted Round Nut — GB/T 812 (Series 070) 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

What standard and drive type do Custom Slotted Round Nut — GB/T 812 (Series 070) use?

Custom Slotted Round Nut — GB/T 812 (Series 070) are manufactured to GB/T 812 and use the standard drive for this product family. The dimensional values on this page follow that standard.

Which sizes of Custom Slotted Round Nut — GB/T 812 (Series 070) does engineeringhardware.com supply?

The table on this page lists 11 sizes for Custom Slotted Round Nut — GB/T 812 (Series 070), ranging from M10x1.0 to M100x2.0. Sizes outside the table can be quoted on request.

In which materials are Custom Slotted Round Nut — GB/T 812 (Series 070) supplied?

Custom Slotted Round Nut — GB/T 812 (Series 070) 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 Custom Slotted Round Nut — GB/T 812 (Series 070).

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](#)Hex Slotted Castle Nut (Type 1) — GB/T 6180 / ISO 7036 (Series 049)GB/T 6180 / ISO 7036Next [→Hex Slotted Castle Nut \(Type 2\) — GB/T 6180 / ISO 7036 \(Series 050\)GB/T 6180 / ISO 7036](#)