

Slotted Round Nut, Small Series — GB/T 812 (Series 068) — GB/T 812

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[Fasteners/ Nuts/](#) Slotted Round Nut, Small Series — GB/T 812 (Series 068)

Nuts · CAD Round Nuts

Slotted Round Nut, Small Series — GB/T 812 (Series 068) 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 Slotted Round Nut, Small Series — GB/T 812 (Series 068)

Tell us the size, material, finish and quantity you need for Slotted Round Nut, Small Series — GB/T 812 (Series 068) (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

Slotted Round Nut, Small Series — GB/T 812 (Series 068) (GB/T 812) are a type of nuts used across industrial assembly. Below is the complete size table together with material, standard and application guidance.

What Are Slotted Round Nut, Small Series — GB/T 812 (Series 068)?

Slotted Round Nut, Small Series — GB/T 812 (Series 068) 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 slotted round nut, small series — gb/t 812 (series 068) family maintained by our engineering team. 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 Slotted Round Nut, Small Series — GB/T 812 \(Series 068\) →](#)

Related Fasteners

- [Slotted Round Nut, Small Series — GB/T 810 \(Series 074\) — GB/T 810](#)
- [Custom Slotted Round Nut — GB/T 812 \(Series 070\) — GB/T 812](#)
- [Slotted Round Nut — GB/T 812 \(Series 069\) — GB/T 812](#)
- [Thin Hex Nut — GB/T 901 / DIN 939 \(Series 094\) — GB/T 901 / DIN 939](#)
- [Thin Hex Nut — GB/T 6172.1 / ISO 4035 \(Series 055\) — GB/T 6172.1 / ISO 4035](#)

Pricing

Slotted Round Nut, Small Series — GB/T 812 (Series 068) 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 is the controlling standard for Slotted Round Nut, Small Series — GB/T 812 (Series 068), and what drive do they take?
Slotted Round Nut, Small Series — GB/T 812 (Series 068) are manufactured to GB/T 812 and use the standard drive for this product family. The dimensional values on this page follow that standard.

What is the size range of Slotted Round Nut, Small Series — GB/T 812 (Series 068)?

The table on this page lists 11 sizes for Slotted Round Nut, Small Series — GB/T 812 (Series 068), ranging from M10x1.0 to M100x2.0. Sizes outside the table can be quoted on request.

In which materials are Slotted Round Nut, Small Series — GB/T 812 (Series 068) supplied?

Slotted Round Nut, Small Series — GB/T 812 (Series 068) 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 Slotted Round Nut, Small Series — GB/T 812 (Series 068).

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](#)All-Metal Prevailing Torque Hex Lock Nut (Type 1) — GB/T 6184 / ISO 7042 (Series 047)GB/T 6184 / ISO 7042Next [→](#)
[Castellated Hex Nut — GB/T 6180 / ISO 7036 \(Series 048\)GB/T 6180 / ISO 7036](#)