

Engineered Component — GB/T 78 / ISO 4027 (Series 025) — GB/T 78 / ISO 4027

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General Components · CAD Components

Engineered Component — GB/T 78 / ISO 4027 (Series 025) to GB/T 78 / ISO 4027. Full dimensional table, materials, finishes and quotation. 8 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 Engineered Component — GB/T 78 / ISO 4027 (Series 025)

Tell us the size, material, finish and quantity you need for Engineered Component — GB/T 78 / ISO 4027 (Series 025) (GB/T 78 / ISO 4027) 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 78 / ISO 4027)

Every row below is a starting point for the customizer above — pick any size and the drawing will redraw to that row.

Size designation	Outer diameter / width (mm)	Length / height (mm)	Bore / thread (mm)	Material	Reference standard
Size 1	10	20	6	C45 carbon steel	GB/T 1804-m
Size 2	12	25	8	C45 carbon steel	GB/T 1804-m
Size 3	16	32	10	C45 carbon steel	GB/T 1804-m
Size 4	20	40	12	C45 carbon steel	GB/T 1804-m
Size 5	25	50	16	C45 carbon steel	GB/T 1804-m
Size 6	32	63	20	C45 carbon steel	GB/T 1804-m
Size 7	40	80	25	C45 carbon steel	GB/T 1804-m
Size 8	50	100	30	C45 carbon steel	GB/T 1804-m

Engineered Component — GB/T 78 / ISO 4027 (Series 025) are general components manufactured to GB/T 78 / ISO 4027. This page lists the full dimensional range with the key specifications engineers need to select and specify them.

What Are Engineered Component — GB/T 78 / ISO 4027 (Series 025)?

Engineered Component — GB/T 78 / ISO 4027 (Series 025) are general components defined by GB/T 78 / ISO 4027. 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 engineered component — gb/t 78 / iso 4027 (series 025) 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 / 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

General machinery assemblies where a source CAD component is required for selection or quotation. [Read the full application guide for Engineered Component — GB/T 78 / ISO 4027 \(Series 025\) →](#)

Related Fasteners

- [GL-XLC Rotating Shaft — GB/T 97.1 / ISO 7089 \(Series 085\) — GB/T 97.1 / ISO 7089](#)
- [Reinforcement Plate \(H-028\) — GB/T 6170 / ISO 4032 \(Series 065\) — GB/T 6170 / ISO 4032](#)
- [Protective Shroud — GB/T 6170 / ISO 4032 \(Series 064\) — GB/T 6170 / ISO 4032](#)
- [Custom Machined Component — GB/T 5782 / ISO 4014 \(Series 004\) — GB/T 5782 / ISO 4014](#)
- [Custom Machined Component — ISO / DIN \(Series 130\) — ISO / DIN](#)

Pricing

Engineered Component — GB/T 78 / ISO 4027 (Series 025) are stocked and supplied to order. Pricing starts from approximately US\$0.10 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 Engineered Component — GB/T 78 / ISO 4027 (Series 025) use?

Engineered Component — GB/T 78 / ISO 4027 (Series 025) are manufactured to GB/T 78 / ISO 4027 and use the standard drive for this product family. The dimensional values on this page follow that standard.

What sizes are available for Engineered Component — GB/T 78 / ISO 4027 (Series 025)?

The table on this page lists 8 sizes for Engineered Component — GB/T 78 / ISO 4027 (Series 025), ranging from Size 1 to Size 8. Sizes outside the table can be quoted on request.

In which materials are Engineered Component — GB/T 78 / ISO 4027 (Series 025) supplied?

Engineered Component — GB/T 78 / ISO 4027 (Series 025) are supplied in carbon steel and stainless, with finishes including zinc plating, hot-dip galvanizing and black oxide. Choose material and finish to suit the load and the service environment for Engineered Component — GB/T 78 / ISO 4027 (Series 025).

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 General Components

[← PreviousCylinder Connecting Sleeve — GB/T 5783 / ISO 4017 \(Series 013\)GB/T 5783 / ISO 4017](#)[Next →Engineered Component — GB/T 78 / ISO 4027 \(Series 026\)GB/T 78 / ISO 4027](#)