

GL-XLC Rotating Shaft — GB/T 97.1 / ISO 7089 (Series 085) — GB/T 97.1 / ISO 7089

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GL-XLC Rotating Shaft — GB/T 97.1 / ISO 7089 (Series 085) to GB/T 97.1 / ISO 7089. 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 GL-XLC Rotating Shaft — GB/T 97.1 / ISO 7089 (Series 085)

Tell us the size, material, finish and quantity you need for GL-XLC Rotating Shaft — GB/T 97.1 / ISO 7089 (Series 085) (GB/T 97.1 / ISO 7089) 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 97.1 / ISO 7089)

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

Manufactured to GB/T 97.1 / ISO 7089, GL-XLC Rotating Shaft — GB/T 97.1 / ISO 7089 (Series 085) are general components supplied by engineeringhardware.com. The dimensional data, materials and selection notes are summarized here.

What Are GL-XLC Rotating Shaft — GB/T 97.1 / ISO 7089 (Series 085)?

GL-XLC Rotating Shaft — GB/T 97.1 / ISO 7089 (Series 085) are general components defined by GB/T 97.1 / ISO 7089. 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 gl-xlc rotating shaft — gb/t 97.1 / iso 7089 (series 085) 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 / SLDPRTE) 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 GL-XLC Rotating Shaft — GB/T 97.1 / ISO 7089 \(Series 085\) →](#)

Related Fasteners

- [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](#)
- [Engineered Component — GB/T 78 / ISO 4027 \(Series 025\) — GB/T 78 / ISO 4027](#)
- [Custom Hex Bolt \(GHJ Series\) — GB/T 5783 / ISO 4017 \(Series 009\) — GB/T 5783 / ISO 4017](#)
- [Custom Machined Component — GB/T 5782 / ISO 4014 \(Series 004\) — GB/T 5782 / ISO 4014](#)

Pricing

GL-XLC Rotating Shaft — GB/T 97.1 / ISO 7089 (Series 085) 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 GL-XLC Rotating Shaft — GB/T 97.1 / ISO 7089 (Series 085) use?

GL-XLC Rotating Shaft — GB/T 97.1 / ISO 7089 (Series 085) are manufactured to GB/T 97.1 / ISO 7089 and use the standard drive for this product family. The dimensional values on this page follow that standard.

What sizes are available for GL-XLC Rotating Shaft — GB/T 97.1 / ISO 7089 (Series 085)?

The table on this page lists 8 sizes for GL-XLC Rotating Shaft — GB/T 97.1 / ISO 7089 (Series 085), ranging from Size 1 to Size 8. Sizes outside the table can be quoted on request.

In which materials are GL-XLC Rotating Shaft — GB/T 97.1 / ISO 7089 (Series 085) supplied?

GL-XLC Rotating Shaft — GB/T 97.1 / ISO 7089 (Series 085) 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 GL-XLC Rotating Shaft — GB/T 97.1 / ISO 7089 (Series 085).

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

[← Previous Reinforcement Plate \(H-028\) — GB/T 6170 / ISO 4032 \(Series 065\)](#)[GB/T 6170 / ISO 4032](#)[Next → Custom Machined Component — GB/T 5782 / ISO 4014 \(Series 004\)](#)[GB/T 5782 / ISO 4014](#)