

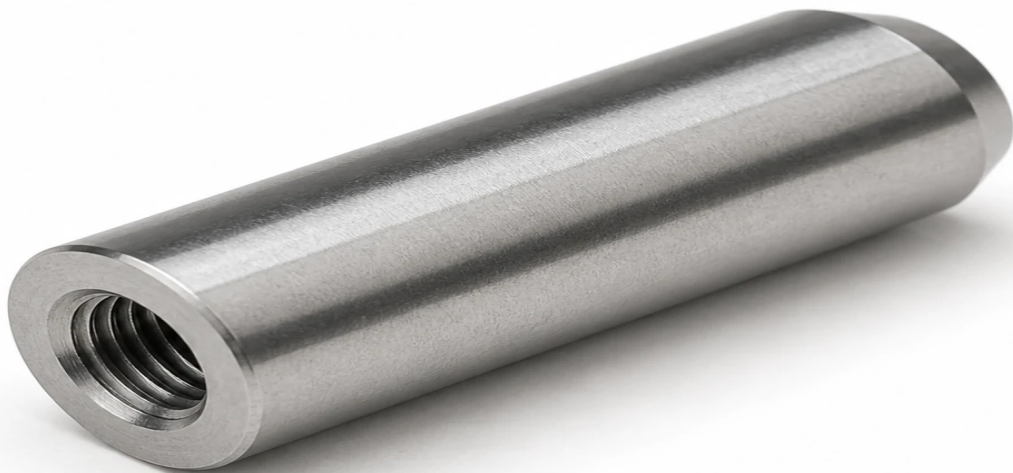
Internally Threaded Dowel Pin — GB/T 120.1 / ISO 8735 (Series 099) — GB/T 120.1 / ISO 8735

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[Fasteners/ Pins/](#) Internally Threaded Dowel Pin — GB/T 120.1 / ISO 8735 (Series 099)

Pins · CAD Dowel Pins

Internally Threaded Dowel Pin — GB/T 120.1 / ISO 8735 (Series 099) to GB/T 120.1 / ISO 8735. 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 Internally Threaded Dowel Pin — GB/T 120.1 / ISO 8735 (Series 099)

Tell us the size, material, finish and quantity you need for Internally Threaded Dowel Pin — GB/T 120.1 / ISO 8735 (Series 099) (GB/T 120.1 / ISO 8735) 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 120.1 / ISO 8735)

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

Nominal diameter d (mm)	Length L (mm)	Internal thread	Material	Reference standard
4	16	M3	Alloy steel	ISO 8736 / GB/T 120
5	20	M4	Alloy steel	ISO 8736 / GB/T 120
6	24	M4	Alloy steel	ISO 8736 / GB/T 120
8	30	M5	Alloy steel	ISO 8736 / GB/T 120
10	40	M6	Alloy steel	ISO 8736 / GB/T 120
12	50	M8	Alloy steel	ISO 8736 / GB/T 120
16	60	M10	Alloy steel	ISO 8736 / GB/T 120
20	80	M12	Alloy steel	ISO 8736 / GB/T 120

Internally Threaded Dowel Pin — GB/T 120.1 / ISO 8735 (Series 099) are pins manufactured to GB/T 120.1 / ISO 8735. This page lists the full dimensional range with the key specifications engineers need to select and specify them.

What Are Internally Threaded Dowel Pin — GB/T 120.1 / ISO 8735 (Series 099)?

Internally Threaded Dowel Pin — GB/T 120.1 / ISO 8735 (Series 099) are pins defined by GB/T 120.1 / ISO 8735. 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 internally threaded dowel pin — gb/t 120.1 / iso 8735 (series 099) family maintained by our engineering team, covering 9 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

Location, alignment and retention in jigs, fixtures, machinery and shafts. [Read the full application guide for Internally Threaded Dowel Pin — GB/T 120.1 / ISO 8735 \(Series 099\) →](#)

Related Fasteners

- [Internally Threaded Dowel Pin — GB/T 120.1 / ISO 8735 \(Series 100\) — GB/T 120.1 / ISO 8735](#)
- [Clevis Pin — ISO / DIN \(Series 105\) — ISO / DIN](#)
- [Spring \(Roll\) Pin — ISO / DIN \(Series 104\) — ISO / DIN](#)
- [Spring \(Roll\) Pin — ISO / DIN \(Series 103\) — ISO / DIN](#)
- [Split Cotter Pin — ISO / DIN \(Series 102\) — ISO / DIN](#)

Pricing

Internally Threaded Dowel Pin — GB/T 120.1 / ISO 8735 (Series 099) are stocked and supplied to order. Pricing starts from approximately US\$0.040 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 Internally Threaded Dowel Pin — GB/T 120.1 / ISO 8735 (Series 099) use?

Internally Threaded Dowel Pin — GB/T 120.1 / ISO 8735 (Series 099) are manufactured to GB/T 120.1 / ISO 8735 and use the standard drive for this product family. The dimensional values on this page follow that standard.

What is the size range of Internally Threaded Dowel Pin — GB/T 120.1 / ISO 8735 (Series 099)?

The table on this page lists 8 sizes for Internally Threaded Dowel Pin — GB/T 120.1 / ISO 8735 (Series 099), ranging from 4 to 20. Sizes outside the table can be quoted on request.

In which materials are Internally Threaded Dowel Pin — GB/T 120.1 / ISO 8735 (Series 099) supplied?

Internally Threaded Dowel Pin — GB/T 120.1 / ISO 8735 (Series 099) are supplied in hardened alloy 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 Internally Threaded Dowel Pin — GB/T 120.1 / ISO 8735 (Series 099).

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 Pins

[← Previous](#)[Clevis Pin — ISO / DIN \(Series 150\)](#)[ISO / DIN](#)[Next →](#)[Internally Threaded Dowel Pin — GB/T 120.1 / ISO 8735 \(Series 100\)](#)
[GB/T 120.1 / ISO 8735](#)