

Dowel Pins — ISO 8734 / DIN 6325

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Dowel Pins to ISO 8734 / DIN 6325. Full dimensional table, materials, finishes and quotation. 18 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 Dowel Pins

Tell us the size, material, finish and quantity you need for Dowel Pins (ISO 8734 / DIN 6325) 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 (ISO 8734 / DIN 6325)

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

Nominal diameter (mm)	Diameter tolerance	Common length range (mm)	Material	Hardness	Reference standard	Notes
1.0	h6	4~10	Alloy steel	Hardened	ISO 8734 / DIN 6325	Both ends chamfered, precision fit
1.2	h6	4~12	Alloy steel	Hardened	ISO 8734 / DIN 6325	Both ends chamfered, precision fit
1.5	h6	4~16	Alloy steel	Hardened	ISO 8734 / DIN 6325	Both ends chamfered, precision fit
2.0	h6	6~20	Alloy steel	Hardened	ISO 8734 / DIN 6325	Both ends chamfered, precision fit
2.5	h6	6~24	Alloy steel	Hardened	ISO 8734 / DIN 6325	Both ends chamfered, precision fit
3.0	h6	8~30	Alloy steel	Hardened	ISO 8734 / DIN 6325	Both ends chamfered, precision fit
4.0	h6	8~40	Alloy steel	Hardened	ISO 8734 / DIN 6325	Both ends chamfered, precision fit
5.0	h6	10~50	Alloy steel	Hardened	ISO 8734 / DIN 6325	Both ends chamfered, precision fit
6.0	h6	12~60	Alloy steel	Hardened	ISO 8734 / DIN 6325	Both ends chamfered, precision fit
8.0	h6	16~80	Alloy steel	Hardened	ISO 8734 / DIN 6325	Both ends chamfered, precision fit
10.0	h6	20~100	Alloy steel	Hardened	ISO 8734 / DIN 6325	Both ends chamfered, precision fit
12.0	h6	25~120	Alloy steel	Hardened	ISO 8734 / DIN 6325	Both ends chamfered, precision fit
16.0	h6	30~160	Alloy steel	Hardened	ISO 8734 / DIN 6325	Both ends chamfered, precision fit
20.0	h6	35~200	Alloy steel	Hardened	ISO 8734 / DIN 6325	Both ends chamfered, precision fit
25.0	h6	45~200	Alloy steel	Hardened	ISO 8734 / DIN 6325	Both ends chamfered, precision fit
30.0	h6	50~200	Alloy steel	Hardened	ISO 8734 / DIN 6325	Both ends chamfered, precision fit

Nominal diameter (mm)	Diameter tolerance	Common length range (mm)	Material	Hardness	Reference standard	Notes
40.0	h6	60~200	Alloy steel	Hardened	ISO 8734 / DIN 6325	Both ends chamfered, precision fit
50.0	h6	80~200	Alloy steel	Hardened	ISO 8734 / DIN 6325	Both ends chamfered, precision fit

Dowel Pins (ISO 8734 / DIN 6325) are a type of pins used across industrial assembly. Below is the complete size table together with material, standard and application guidance.

What Are Dowel Pins?

Dowel Pins are pins defined by ISO 8734 / DIN 6325. 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.

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 Dowel Pins →](#)

Related Fasteners

- [Clevis Pin — ISO / DIN \(Series 150\) — ISO / DIN](#)
- [Spring \(Roll\) Pin — ISO / DIN \(Series 103\) — ISO / DIN](#)
- [Split Cotter Pin — ISO / DIN \(Series 102\) — ISO / DIN](#)
- [Clevis Pin — ISO / DIN \(Series 101\) — ISO / DIN](#)
- [Clevis Pin — ISO / DIN \(Series 105\) — ISO / DIN](#)

Pricing

Dowel Pins 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 is the controlling standard for Dowel Pins, and what drive do they take?

Dowel Pins are manufactured to ISO 8734 / DIN 6325 and use the standard drive for this product family. The dimensional values on this page follow that standard.

What sizes are available for Dowel Pins?

The table on this page lists 18 sizes for Dowel Pins, ranging from 1.0 to 50.0. Sizes outside the table can be quoted on request.

In which materials are Dowel Pins supplied?

Dowel Pins 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 Dowel Pins.

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](#)[Internally Threaded Dowel Pin — GB/T 120.1 / ISO 8735 \(Series 100\)](#)[GB/T 120.1 / ISO 8735](#)[Next →](#)[Spring \(Roll\) Pins](#)[ISO 8748 / DIN 1481](#)