

Wood Screws — DIN 96 / DIN 97 / DIN 7997

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Screws · Wood Screws

Wood Screws to DIN 96 / DIN 97 / DIN 7997. Full dimensional table, materials, finishes and quotation. 9 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 Wood Screws

Tell us the size, material, finish and quantity you need for Wood Screws (DIN 96 / DIN 97 / DIN 7997) 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 (DIN 96 / DIN 97 / DIN 7997)

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)	Head diameter dk (mm)	Head height k (mm)	Head type	Pilot hole (mm)	Common length range (mm)	Reference standard	Notes
2.0	3.8	1.2	Countersunk	1.2	10~25	DIN 97 / DIN 7997	Slotted/cross wood screw, gimlet point
2.5	4.7	1.5	Countersunk	1.5	12~30	DIN 97 / DIN 7997	Slotted/cross wood screw, gimlet point
3.0	5.6	1.65	Countersunk	1.8	12~40	DIN 97 / DIN 7997	Slotted/cross wood screw, gimlet point
3.5	6.5	1.93	Countersunk	2.0	16~50	DIN 97 / DIN 7997	Slotted/cross wood screw, gimlet point
4.0	7.5	2.2	Countersunk	2.3	16~70	DIN 97 / DIN 7997	Slotted/cross wood screw, gimlet point
4.5	8.5	2.5	Countersunk	2.5	20~80	DIN 97 / DIN 7997	Slotted/cross wood screw, gimlet point
5.0	9.2	2.5	Countersunk	3.0	20~100	DIN 97 / DIN 7997	Slotted/cross wood screw, gimlet point
6.0	11.0	3.0	Countersunk	3.5	30~120	DIN 97 / DIN 7997	Slotted/cross wood screw, gimlet point
8.0	14.5	4.0	Countersunk	5.0	40~160	DIN 97 / DIN 7997	Slotted/cross wood screw, gimlet point

Wood Screws conform to DIN 96 / DIN 97 / DIN 7997. As screws, they are specified by the dimensions in the table below; this page also covers materials, finishes and typical uses.

What Are Wood Screws?

Wood Screws are screws defined by DIN 96 / DIN 97 / DIN 7997. 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

Machine assembly, tooling, enclosures and precision equipment where a clean, controllable drive and head form are needed. [Read the full application guide for Wood Screws →](#)

Related Fasteners

- [Sheet-Metal Self-Tapping Screw — GB/T 845 / ISO 7049 \(Series 045\) — GB/T 845 / ISO 7049](#)
- [Lifting Eye Bolt — GB/T 825 / DIN 580 \(Series 036\) — GB/T 825 / DIN 580](#)
- [Phillips Pan Head Machine Screw — GB/T 818 / ISO 7045 \(Series 034\) — GB/T 818 / ISO 7045](#)
- [Phillips Pan Head Machine Screw — GB/T 818 / ISO 7045 \(Series 033\) — GB/T 818 / ISO 7045](#)
- [Phillips Countersunk Machine Screw — GB/T 819.1 / ISO 7046 \(Series 030\) — GB/T 819.1 / ISO 7046](#)

Pricing

Wood Screws are stocked and supplied to order. Pricing starts from approximately US\$0.020 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 Wood Screws use?

Wood Screws are manufactured to DIN 96 / DIN 97 / DIN 7997 and use the standard drive for this product family. The dimensional values on this page follow that standard.

What sizes are available for Wood Screws?

The table on this page lists 9 sizes for Wood Screws, ranging from 2.0 to 8.0. Sizes outside the table can be quoted on request.

In which materials are Wood Screws supplied?

Wood Screws are supplied in alloy steel (typically 10.9 / 12.9 for socket screws), carbon 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 Wood Screws.

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 Screws

[← Previous Phillips Countersunk Machine Screw — GB/T 819.1 / ISO 7046 \(Series 030\)GB/T 819.1 / ISO 7046](#)[Next → Phillips Countersunk Machine Screw — GB/T 819.1 / ISO 7046 \(Series 031\)GB/T 819.1 / ISO 7046](#)