

Pan Head Screws — ISO 1207 / ISO 7045 / DIN 7985

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Screws · Pan Head Screws

Pan Head Screws to ISO 1207 / ISO 7045 / DIN 7985. Full dimensional table, materials, finishes and quotation. 13 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 Pan Head Screws

Tell us the size, material, finish and quantity you need for Pan Head Screws (ISO 1207 / ISO 7045 / DIN 7985) 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 1207 / ISO 7045 / DIN 7985)

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

Size	Pitch (mm)	Head diameter dk (mm)	Head height k (mm)	Cross recess	Reference standard
M1	0.25	2.0	0.8	PH0	ISO 1207 / ISO 7045 / DIN 7985
M1.2	0.25	2.3	0.9	PH0	ISO 1207 / ISO 7045 / DIN 7985
M1.4	0.3	2.6	1.0	PH0	ISO 1207 / ISO 7045 / DIN 7985
M1.6	0.35	3.0	1.0	PH0	ISO 1207 / ISO 7045 / DIN 7985
M2	0.4	3.8	1.3	PH1	ISO 1207 / ISO 7045 / DIN 7985
M2.5	0.45	4.7	1.5	PH1	ISO 1207 / ISO 7045 / DIN 7985
M3	0.5	5.6	1.8	PH1	ISO 1207 / ISO 7045 / DIN 7985
M3.5	0.6	6.5	2.1	PH2	ISO 1207 / ISO 7045 / DIN 7985
M4	0.7	8.0	2.4	PH2	ISO 1207 / ISO 7045 / DIN 7985
M5	0.8	9.5	3.0	PH2	ISO 1207 / ISO 7045 / DIN 7985
M6	1.0	12.0	3.6	PH3	ISO 1207 / ISO 7045 / DIN 7985
M8	1.25	16.0	4.8	PH3	ISO 1207 / ISO 7045 / DIN 7985
M10	1.5	20.0	6.0	PH4	ISO 1207 / ISO 7045 / DIN 7985

Pan Head Screws conform to ISO 1207 / ISO 7045 / DIN 7985. As screws, they are specified by the dimensions in the table below; this page also covers materials, finishes and typical uses.

What Are Pan Head Screws?

Pan Head Screws are screws defined by ISO 1207 / ISO 7045 / DIN 7985. 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 Pan Head Screws →](#)

Related Fasteners

- [Lifting Eye Bolt — GB/T 825 / DIN 580 \(Series 037\) — GB/T 825 / DIN 580](#)
- [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 Countersunk Machine Screw — GB/T 819.1 / ISO 7046 \(Series 031\) — GB/T 819.1 / ISO 7046](#)
- [Phillips Countersunk Machine Screw — GB/T 819.1 / ISO 7046 \(Series 030\) — GB/T 819.1 / ISO 7046](#)

Pricing

Pan Head Screws are stocked and supplied to order. Pricing starts from approximately US\$0.030 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 Pan Head Screws, and what drive do they take?

Pan Head Screws are manufactured to ISO 1207 / ISO 7045 / DIN 7985 and use a cross recess (Phillips/Pozi) drive. The dimensional values on this page follow that standard.

What sizes are available for Pan Head Screws?

The table on this page lists 13 sizes for Pan Head Screws, ranging from M1 to M10. Sizes outside the table can be quoted on request.

In which materials are Pan Head Screws supplied?

Pan Head 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 Pan Head 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](#)[Socket Head Cap ScrewsISO 4762 / DIN 912](#)[Next →](#)[Countersunk Socket ScrewsISO 10642 / DIN 7991](#)