

Phillips Pan Head Machine Screw — GB/T 818 / ISO 7045 (Series 033) — GB/T 818 / ISO 7045

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[Fasteners/ Screws/](#) Phillips Pan Head Machine Screw — GB/T 818 / ISO 7045 (Series 033)

Screws · CAD Pan Head Screws

Phillips Pan Head Machine Screw — GB/T 818 / ISO 7045 (Series 033) to GB/T 818 / ISO 7045. Full dimensional table, materials, finishes and quotation. 6 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 Phillips Pan Head Machine Screw — GB/T 818 / ISO 7045 (Series 033)

Tell us the size, material, finish and quantity you need for Phillips Pan Head Machine Screw — GB/T 818 / ISO 7045 (Series 033) (GB/T 818 / ISO 7045) 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 818 / ISO 7045)

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)	Length L (mm)	Head diameter dk (mm)	Head height k (mm)	Cross recess	Reference standard
M3	0.5	20	5.6	1.8	PH1	ISO 7045 / GB/T 818
M4	0.7	25	8.0	2.4	PH2	ISO 7045 / GB/T 818
M5	0.8	30	9.5	3.0	PH2	ISO 7045 / GB/T 818
M6	1.0	40	12.0	3.6	PH3	ISO 7045 / GB/T 818
M8	1.25	50	16.0	4.8	PH3	ISO 7045 / GB/T 818
M10	1.5	60	20.0	6.0	PH4	ISO 7045 / GB/T 818

Phillips Pan Head Machine Screw — GB/T 818 / ISO 7045 (Series 033) are screws manufactured to GB/T 818 / ISO 7045. This page lists the full dimensional range with the key specifications engineers need to select and specify them.

What Are Phillips Pan Head Machine Screw — GB/T 818 / ISO 7045 (Series 033)?

Phillips Pan Head Machine Screw — GB/T 818 / ISO 7045 (Series 033) are screws defined by GB/T 818 / ISO 7045. 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 phillips pan head machine screw — gb/t 818 / iso 7045 (series 033) family maintained by our engineering team, covering 63 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

Machine assembly, tooling, enclosures and precision equipment where a clean, controllable drive and head form are needed. [Read the full application guide for Phillips Pan Head Machine Screw — GB/T 818 / ISO 7045 \(Series 033\) →](#)

Related Fasteners

- [Phillips Pan Head Machine Screw — GB/T 818 / ISO 7045 \(Series 035\) — GB/T 818 / ISO 7045](#)
- [Phillips Pan Head Machine Screw — GB/T 818 / ISO 7045 \(Series 034\) — GB/T 818 / ISO 7045](#)
- [Slotted Pan Head Screw — GB/T 67 / ISO 1580 \(Series 040\) — GB/T 67 / ISO 1580](#)
- [Phillips Pan Head Self-Tapping Screw — GB/T 845 / ISO 7049 \(Series 032\) — GB/T 845 / ISO 7049](#)
- [Sheet-Metal Self-Tapping Screw — GB/T 845 / ISO 7049 \(Series 045\) — GB/T 845 / ISO 7049](#)

Pricing

Phillips Pan Head Machine Screw — GB/T 818 / ISO 7045 (Series 033) are stocked and supplied to order. Pricing starts from approximately US\$0.050 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 Phillips Pan Head Machine Screw — GB/T 818 / ISO 7045 (Series 033) use?

Phillips Pan Head Machine Screw — GB/T 818 / ISO 7045 (Series 033) are manufactured to GB/T 818 / ISO 7045 and use a cross recess (Phillips/Pozi) drive. The dimensional values on this page follow that standard.

What sizes are available for Phillips Pan Head Machine Screw — GB/T 818 / ISO 7045 (Series 033)?

The table on this page lists 6 sizes for Phillips Pan Head Machine Screw — GB/T 818 / ISO 7045 (Series 033), ranging from M3 to M10. Sizes outside the table can be quoted on request.

In which materials are Phillips Pan Head Machine Screw — GB/T 818 / ISO 7045 (Series 033) supplied?

Phillips Pan Head Machine Screw — GB/T 818 / ISO 7045 (Series 033) 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 Phillips Pan Head Machine Screw — GB/T 818 / ISO 7045 (Series 033).

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 Screw — GB/T 70.1 / ISO 4762 \(Series 014\)](#)[GB/T 70.1 / ISO 4762](#)[Next →](#)[Socket Head Cap Screw — GB/T 5281 / ISO 7379 \(Series 015\)](#)[GB/T 5281 / ISO 7379](#)