

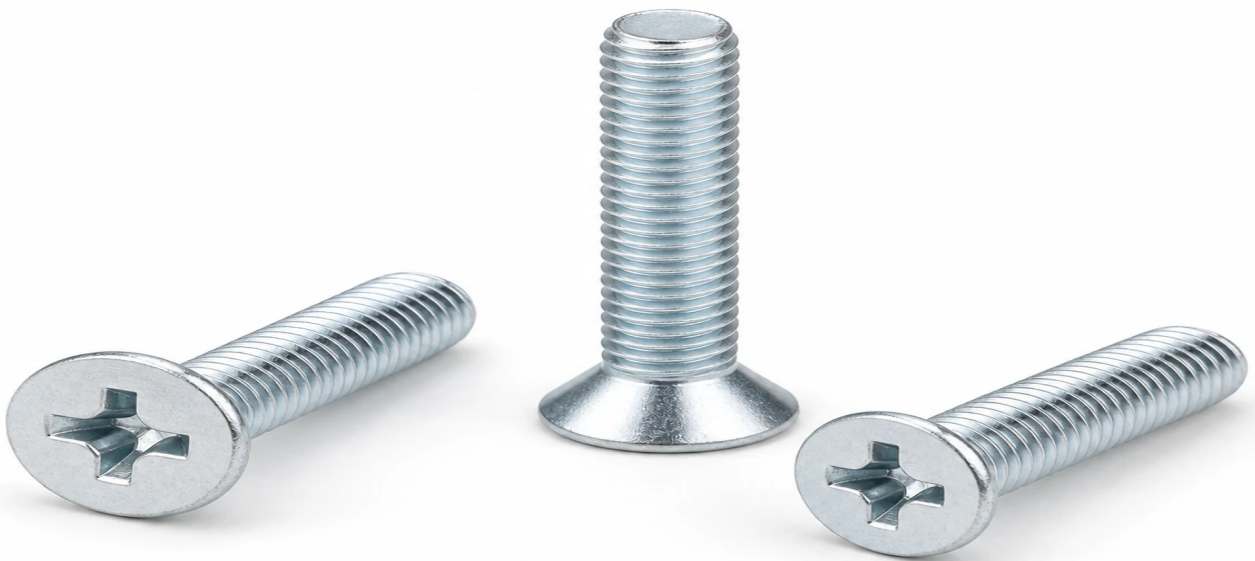
Phillips Countersunk Screws — ISO 7046 / DIN 965

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[Fasteners/](#) [Screws/](#) Phillips Countersunk Screws

Screws · Phillips Countersunk Screws

Phillips Countersunk Screws to ISO 7046 / DIN 965. Full dimensional table, materials, finishes and quotation. 10 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 Countersunk Screws

Tell us the size, material, finish and quantity you need for Phillips Countersunk Screws (ISO 7046 / DIN 965) 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 7046 / DIN 965)

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	Countersink angle (deg)	Reference standard
M1.6	0.35	3.0	0.96	PH0	90	ISO 7046 / DIN 965
M2	0.4	3.8	1.2	PH1	90	ISO 7046 / DIN 965
M2.5	0.45	4.7	1.5	PH1	90	ISO 7046 / DIN 965
M3	0.5	5.6	1.65	PH1	90	ISO 7046 / DIN 965
M3.5	0.6	6.5	1.93	PH2	90	ISO 7046 / DIN 965
M4	0.7	7.5	2.2	PH2	90	ISO 7046 / DIN 965
M5	0.8	9.2	2.5	PH2	90	ISO 7046 / DIN 965
M6	1.0	11.0	3.0	PH3	90	ISO 7046 / DIN 965
M8	1.25	14.5	4.0	PH3	90	ISO 7046 / DIN 965
M10	1.5	18.0	5.0	PH4	90	ISO 7046 / DIN 965

Phillips Countersunk Screws are screws manufactured to ISO 7046 / DIN 965. This page lists the full dimensional range with the key specifications engineers need to select and specify them.

What Are Phillips Countersunk Screws?

Phillips Countersunk Screws are screws defined by ISO 7046 / DIN 965. 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 Phillips Countersunk Screws →](#)

Related Fasteners

- [Slotted Pan Head Screw — GB/T 67 / ISO 1580 \(Series 040\) — GB/T 67 / ISO 1580](#)
- [Phillips Pan Head Machine Screw — GB/T 818 / ISO 7045 \(Series 035\) — GB/T 818 / ISO 7045](#)
- [Phillips Countersunk Machine Screw — GB/T 819.1 / ISO 7046 \(Series 029\) — GB/T 819.1 / ISO 7046](#)
- [Torx Recessed Countersunk Screw — GB/T 2673 / ISO 14587 \(Series 024\) — GB/T 2673 / ISO 14587](#)
- [Hex Socket Dog Point Set Screw — GB/T 79 / ISO 4029 \(Series 018\) — GB/T 79 / ISO 4029](#)

Pricing

Phillips Countersunk 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

Which standard governs Phillips Countersunk Screws, and how are they driven?

Phillips Countersunk Screws are manufactured to ISO 7046 / DIN 965 and use a cross recess (Phillips/Pozi) drive. The dimensional values on this page follow that standard.

Which sizes of Phillips Countersunk Screws does engineeringhardware.com supply?

The table on this page lists 10 sizes for Phillips Countersunk Screws, ranging from M1.6 to M10. Sizes outside the table can be quoted on request.

In which materials are Phillips Countersunk Screws supplied?

Phillips Countersunk 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 Phillips Countersunk 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](#)[Button Head Socket ScrewsISO 7380](#)[Next →](#)[Cheese Head ScrewsISO 7048 / DIN 7985](#)