

Socket Head Cap Screw — GB/T 70.1 / ISO 4762 (Series 014) — GB/T 70.1 / ISO 4762

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[Fasteners/ Screws/](#) Socket Head Cap Screw — GB/T 70.1 / ISO 4762 (Series 014)

Screws · CAD Socket Head Cap Screws

Socket Head Cap Screw — GB/T 70.1 / ISO 4762 (Series 014) to GB/T 70.1 / ISO 4762. Full dimensional table, materials, finishes and quotation. 14 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 Socket Head Cap Screw — GB/T 70.1 / ISO 4762 (Series 014)

Tell us the size, material, finish and quantity you need for Socket Head Cap Screw — GB/T 70.1 / ISO 4762 (Series 014) (GB/T 70.1 / ISO 4762) 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 70.1 / ISO 4762)

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)	Hex socket s (mm)	Reference standard
M3	0.5	20	5.5	3	2.5	ISO 4762 / GB/T 70.1
M4	0.7	25	7.0	4	3.0	ISO 4762 / GB/T 70.1
M5	0.8	30	8.5	5	4.0	ISO 4762 / GB/T 70.1
M6	1.0	40	10.0	6	5.0	ISO 4762 / GB/T 70.1
M8	1.25	50	13.0	8	6.0	ISO 4762 / GB/T 70.1
M10	1.5	60	16.0	10	8.0	ISO 4762 / GB/T 70.1
M12	1.75	80	18.0	12	10.0	ISO 4762 / GB/T 70.1
M14	2.0	80	21.0	14	12.0	ISO 4762 / GB/T 70.1
M16	2.0	100	24.0	16	14.0	ISO 4762 / GB/T 70.1
M18	2.5	100	27.0	18	14.0	ISO 4762 / GB/T 70.1
M20	2.5	120	30.0	20	17.0	ISO 4762 / GB/T 70.1
M24	3.0	150	36.0	24	19.0	ISO 4762 / GB/T 70.1
M30	3.5	180	45.0	30	22.0	ISO 4762 / GB/T 70.1
M36	4.0	200	54.0	36	27.0	ISO 4762 / GB/T 70.1

Socket Head Cap Screw — GB/T 70.1 / ISO 4762 (Series 014) (GB/T 70.1 / ISO 4762) are a type of screws used across industrial assembly. Below is the complete size table together with material, standard and application guidance.

What Are Socket Head Cap Screw — GB/T 70.1 / ISO 4762 (Series 014)?

Socket Head Cap Screw — GB/T 70.1 / ISO 4762 (Series 014) are screws defined by GB/T 70.1 / ISO 4762. 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 socket head cap screw — gb/t 70.1 / iso 4762 (series 014) family maintained by our engineering team, covering 187 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 Socket Head Cap Screw — GB/T 70.1 / ISO 4762 \(Series 014\) →](#)

Related Fasteners

- [Lifting Eye Bolt — GB/T 825 / DIN 580 \(Series 037\) — GB/T 825 / DIN 580](#)
- [Socket Head Cap Screw — GB/T 5281 / ISO 7379 \(Series 016\) — GB/T 5281 / ISO 7379](#)
- [Heavy Hex Socket Head Cap Screw — GB/T 1228 / ASTM A325 \(Series 046\) — GB/T 1228 / ASTM A325](#)
- [Lifting Eye Bolt — GB/T 825 / DIN 580 \(Series 036\) — GB/T 825 / DIN 580](#)
- [Socket Head Cap Screw — GB/T 5281 / ISO 7379 \(Series 015\) — GB/T 5281 / ISO 7379](#)

Pricing

Socket Head Cap Screw — GB/T 70.1 / ISO 4762 (Series 014) 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 is the controlling standard for Socket Head Cap Screw — GB/T 70.1 / ISO 4762 (Series 014), and what drive do they take?

Socket Head Cap Screw — GB/T 70.1 / ISO 4762 (Series 014) are manufactured to GB/T 70.1 / ISO 4762 and use a hex socket (Allen key). The dimensional values on this page follow that standard.

What sizes are available for Socket Head Cap Screw — GB/T 70.1 / ISO 4762 (Series 014)?

The table on this page lists 14 sizes for Socket Head Cap Screw — GB/T 70.1 / ISO 4762 (Series 014), ranging from M3 to M36. Sizes outside the table can be quoted on request.

In which materials are Socket Head Cap Screw — GB/T 70.1 / ISO 4762 (Series 014) supplied?

Socket Head Cap Screw — GB/T 70.1 / ISO 4762 (Series 014) 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 Socket Head Cap Screw — GB/T 70.1 / ISO 4762 (Series 014).

Which Allen key sizes fit Socket Head Cap Screw — GB/T 70.1 / ISO 4762 (Series 014)?

The hex-socket size for each row of Socket Head Cap Screw — GB/T 70.1 / ISO 4762 (Series 014) is shown in the spec table — use the matching Allen / hex key (an ISO 2936 hex key set covers the full range).

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 Pan Head Self-Tapping Screw — GB/T 845 / ISO 7049 \(Series 032\)GB/T 845 / ISO 7049](#)[Next → Phillips Pan Head Machine Screw — GB/T 818 / ISO 7045 \(Series 033\)GB/T 818 / ISO 7045](#)