

Button Head Socket Screws — ISO 7380

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Screws · Button Head Socket Screws

Button Head Socket Screws to ISO 7380. 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 Button Head Socket Screws

Tell us the size, material, finish and quantity you need for Button Head Socket Screws (ISO 7380) 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 7380)

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)	Hex socket s (mm)	Reference standard
M3	0.5	5.7	1.65	2.0	ISO 7380-1 / DIN 7380
M4	0.7	7.6	2.2	2.5	ISO 7380-1 / DIN 7380
M5	0.8	9.5	2.75	3.0	ISO 7380-1 / DIN 7380
M6	1.0	10.5	3.3	4.0	ISO 7380-1 / DIN 7380
M8	1.25	14.0	4.4	5.0	ISO 7380-1 / DIN 7380
M10	1.5	17.5	5.5	6.0	ISO 7380-1 / DIN 7380
M12	1.75	21.0	6.6	8.0	ISO 7380-1 / DIN 7380
M14	2.0	24.5	7.7	10.0	ISO 7380-1 / DIN 7380
M16	2.0	28.0	8.8	10.0	ISO 7380-1 / DIN 7380
M20	2.5	35.0	11.0	12.0	ISO 7380-1 / DIN 7380

Manufactured to ISO 7380, Button Head Socket Screws are screws supplied by engineeringhardware.com. The dimensional data, materials and selection notes are summarized here.

What Are Button Head Socket Screws?

Button Head Socket Screws are screws defined by ISO 7380. 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 Button Head Socket Screws →](#)

Related Fasteners

- [Heavy Hex Socket Head Cap Screw — GB/T 1228 / ASTM A325 \(Series 046\) — GB/T 1228 / ASTM A325](#)
- [Phillips Countersunk Machine Screw — GB/T 819.1 / ISO 7046 \(Series 031\) — GB/T 819.1 / ISO 7046](#)
- [Hex Socket Cone Point Set Screw — GB/T 78 / ISO 4027 \(Series 027\) — GB/T 78 / ISO 4027](#)
- [Torx Recessed Countersunk Screw — GB/T 2673 / ISO 14587 \(Series 024\) — GB/T 2673 / ISO 14587](#)
- [Hex Socket Flat Point Set Screw — GB/T 77 / ISO 4026 \(Series 019\) — GB/T 77 / ISO 4026](#)

Pricing

Button Head Socket Screws 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 Button Head Socket Screws use?

Button Head Socket Screws are manufactured to ISO 7380 and use a hex socket drive. The dimensional values on this page follow that standard.

What is the size range of Button Head Socket Screws?

The table on this page lists 10 sizes for Button Head Socket Screws, ranging from M3 to M20. Sizes outside the table can be quoted on request.

In which materials are Button Head Socket Screws supplied?

Button Head Socket 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 Button Head Socket 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

[← PreviousSocket Set ScrewsISO 4026 / ISO 4029 / DIN 913-916](#)[Next →Phillips Countersunk ScrewsISO 7046 / DIN 965](#)