

Hex Socket Cone Point Set Screw — GB/T 78 / ISO 4027 (Series 027) — GB/T 78 / ISO 4027

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[Fasteners/ Screws/](#) Hex Socket Cone Point Set Screw — GB/T 78 / ISO 4027 (Series 027)

Screws · CAD Set Screws

Hex Socket Cone Point Set Screw — GB/T 78 / ISO 4027 (Series 027) to GB/T 78 / ISO 4027. 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 Hex Socket Cone Point Set Screw — GB/T 78 / ISO 4027 (Series 027)

Tell us the size, material, finish and quantity you need for Hex Socket Cone Point Set Screw — GB/T 78 / ISO 4027 (Series 027) (GB/T 78 / ISO 4027) 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 78 / ISO 4027)

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)	Hex socket s (mm)	Engagement depth t min (mm)	Point diameter dp (mm)	Reference standard
M3	0.5	6	1.5	1.4	2.0	ISO 4026-4029 / GB/T 77-79
M4	0.7	6	2.0	2.0	2.5	ISO 4026-4029 / GB/T 77-79
M5	0.8	7	2.5	2.5	3.5	ISO 4026-4029 / GB/T 77-79
M6	1.0	9	3.0	3.0	4.0	ISO 4026-4029 / GB/T 77-79
M8	1.25	12	4.0	4.0	5.5	ISO 4026-4029 / GB/T 77-79
M10	1.5	15	5.0	5.0	7.0	ISO 4026-4029 / GB/T 77-79
M12	1.75	18	6.0	6.0	8.5	ISO 4026-4029 / GB/T 77-79
M16	2.0	24	8.0	8.0	12.0	ISO 4026-4029 / GB/T 77-79
M20	2.5	30	10.0	10.0	15.0	ISO 4026-4029 / GB/T 77-79
M24	3.0	36	12.0	12.0	18.0	ISO 4026-4029 / GB/T 77-79

Hex Socket Cone Point Set Screw — GB/T 78 / ISO 4027 (Series 027) are screws manufactured to GB/T 78 / ISO 4027. This page lists the full dimensional range with the key specifications engineers need to select and specify them.

What Are Hex Socket Cone Point Set Screw — GB/T 78 / ISO 4027 (Series 027)?

Hex Socket Cone Point Set Screw — GB/T 78 / ISO 4027 (Series 027) are screws defined by GB/T 78 / ISO 4027. 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 hex socket cone point set screw — gb/t 78 / iso 4027 (series 027) family maintained by our engineering team, covering 27 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 Hex Socket Cone Point Set Screw — GB/T 78 / ISO 4027 \(Series 027\) →](#)

Related Fasteners

- [Slotted Flat Point Set Screw — GB/T 73 / ISO 4766 \(Series 038\) — GB/T 73 / ISO 4766](#)
- [Hex Socket Cone Point Set Screw — GB/T 77 / ISO 4026 \(Series 022\) — GB/T 77 / ISO 4026](#)
- [Slotted Long Dog Point Set Screw — GB/T 75 / ISO 7435 \(Series 041\) — GB/T 75 / ISO 7435](#)
- [Hex Socket Flat Point Set Screw — GB/T 77 / ISO 4026 \(Series 019\) — GB/T 77 / ISO 4026](#)
- [Hex Socket Flat Point Set Screw — GB/T 77 / ISO 4026 \(Series 021\) — GB/T 77 / ISO 4026](#)

Pricing

Hex Socket Cone Point Set Screw — GB/T 78 / ISO 4027 (Series 027) 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

Which standard governs Hex Socket Cone Point Set Screw — GB/T 78 / ISO 4027 (Series 027), and how are they driven?

Hex Socket Cone Point Set Screw — GB/T 78 / ISO 4027 (Series 027) are manufactured to GB/T 78 / ISO 4027 and use a hex socket (Allen key). The dimensional values on this page follow that standard.

What is the size range of Hex Socket Cone Point Set Screw — GB/T 78 / ISO 4027 (Series 027)?

The table on this page lists 10 sizes for Hex Socket Cone Point Set Screw — GB/T 78 / ISO 4027 (Series 027), ranging from M3 to M24. Sizes outside the table can be quoted on request.

In which materials are Hex Socket Cone Point Set Screw — GB/T 78 / ISO 4027 (Series 027) supplied?

Hex Socket Cone Point Set Screw — GB/T 78 / ISO 4027 (Series 027) 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 Hex Socket Cone Point Set Screw — GB/T 78 / ISO 4027 (Series 027).

Which Allen key sizes fit Hex Socket Cone Point Set Screw — GB/T 78 / ISO 4027 (Series 027)?

The hex-socket size for each row of Hex Socket Cone Point Set Screw — GB/T 78 / ISO 4027 (Series 027) 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 Torx Recessed Countersunk Screw — GB/T 2673 / ISO 14587 \(Series 024\)GB/T 2673 / ISO 14587](#)[Next → Phillips Countersunk Self-Tapping Screw — GB/T 846 / ISO 7050 \(Series 028\)GB/T 846 / ISO 7050](#)