

Shoulder Bolts — ISO 7379

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Bolts · Shoulder Bolts

Shoulder Bolts to ISO 7379. 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 Shoulder Bolts

Tell us the size, material, finish and quantity you need for Shoulder Bolts (ISO 7379) 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 7379)

Every row below is a starting point for the customizer above — pick any size and the drawing will redraw to that row.

Shoulder diameter (mm)	Thread size	Pitch (mm)	Shoulder length range (mm)	Head diameter dk (mm)	Head height k (mm)	Reference standard
4.0	M3	0.5	8~50	8.0	4.3	ISO 7379 / DIN 9841
5.0	M4	0.7	8~63	9.5	5.3	ISO 7379 / DIN 9841
6.0	M5	0.8	10~63	11.0	6.5	ISO 7379 / DIN 9841
8.0	M6	1.0	10~80	13.0	8.0	ISO 7379 / DIN 9841
10.0	M8	1.25	12~100	16.0	10.0	ISO 7379 / DIN 9841
12.0	M10	1.5	16~100	18.0	12.0	ISO 7379 / DIN 9841
16.0	M12	1.75	20~125	24.0	16.0	ISO 7379 / DIN 9841
20.0	M16	2.0	25~160	30.0	20.0	ISO 7379 / DIN 9841
25.0	M20	2.5	32~200	36.0	25.0	ISO 7379 / DIN 9841
30.0	M24	3.0	40~200	45.0	30.0	ISO 7379 / DIN 9841

Shoulder Bolts are bolts manufactured to ISO 7379. This page lists the full dimensional range with the key specifications engineers need to select and specify them.

What Are Shoulder Bolts?

Shoulder Bolts are bolts defined by ISO 7379. 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

Structural steelwork, machinery, automotive and general assembly where high-strength, removable joints are required. [Read the full application guide for Shoulder Bolts →](#)

Related Fasteners

- [Hex Bolt — GB/T 6173 / ISO 8675 \(Series 057\) — GB/T 6173 / ISO 8675](#)
- [Clamping Handle Screw \(Long\) — DIN 6336 / GN 313 \(Series 044\) — DIN 6336 / GN 313](#)
- [Clamping Handle Screw \(Medium\) — DIN 6336 / GN 313 \(Series 043\) — DIN 6336 / GN 313](#)
- [Hex Head Bolt — GB/T 5782 / ISO 4014 \(Series 007\) — GB/T 5782 / ISO 4014](#)
- [Hex Bolt — GB/T 5782 / ISO 4014 \(Series 006\) — GB/T 5782 / ISO 4014](#)

Pricing

Shoulder Bolts are stocked and supplied to order. Pricing starts from approximately US\$0.35 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 Shoulder Bolts, and how are they driven?

Shoulder Bolts are manufactured to ISO 7379 and use the standard drive for this product family. The dimensional values on this page follow that standard.

What sizes are available for Shoulder Bolts?

The table on this page lists 10 sizes for Shoulder Bolts, ranging from 4.0 to 30.0. Sizes outside the table can be quoted on request.

In which materials are Shoulder Bolts supplied?

Shoulder Bolts are supplied in carbon steel in property classes 8.8 / 10.9 / 12.9 and stainless A2 (304) / A4 (316), with finishes including zinc plating, hot-dip galvanizing and black oxide. Choose material and finish to suit the load and the service environment for Shoulder Bolts.

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 Bolts

[← Previous Hex Bolts ISO 4014 / ISO 4017](#) [Next → Hex Flange Bolts ISO 1665 / DIN 6921](#)