

Eye Bolts — DIN 580

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Eye Bolts to DIN 580. Full dimensional table, materials, finishes and quotation. 11 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 Eye Bolts

Tell us the size, material, finish and quantity you need for Eye Bolts (DIN 580) 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 (DIN 580)

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

Thread size	Pitch (mm)	Ring inside diameter d (mm)	Ring outside diameter (mm)	Thread length (mm)	Max load vertical (kg)	Reference standard	Notes
M6	1.0	20	36	12	70	DIN 580 / WLL	Drop-forged lifting eye bolt, vertical pull
M8	1.25	25	45	16	140	DIN 580 / WLL	Drop-forged lifting eye bolt, vertical pull
M10	1.5	30	54	20	230	DIN 580 / WLL	Drop-forged lifting eye bolt, vertical pull
M12	1.75	36	63	24	340	DIN 580 / WLL	Drop-forged lifting eye bolt, vertical pull
M14	2.0	42	72	28	500	DIN 580 / WLL	Drop-forged lifting eye bolt, vertical pull
M16	2.0	45	81	32	700	DIN 580 / WLL	Drop-forged lifting eye bolt, vertical pull
M18	2.5	50	90	36	930	DIN 580 / WLL	Drop-forged lifting eye bolt, vertical pull
M20	2.5	56	99	40	1200	DIN 580 / WLL	Drop-forged lifting eye bolt, vertical pull
M24	3.0	63	117	48	1800	DIN 580 / WLL	Drop-forged lifting eye bolt, vertical pull
M30	3.5	80	144	60	3200	DIN 580 / WLL	Drop-forged lifting eye bolt, vertical pull
M36	4.0	95	171	72	4600	DIN 580 / WLL	Drop-forged lifting eye bolt, vertical pull

Eye Bolts conform to DIN 580. As bolts, they are specified by the dimensions in the table below; this page also covers materials, finishes and typical uses.

What Are Eye Bolts?

Eye Bolts are bolts defined by DIN 580. 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 Eye Bolts →](#)

Related Fasteners

- [Stud / Threaded Rod — ISO / DIN \(Series 154\) — ISO / DIN](#)
- [Stud — GB/T 15389 / DIN 939 \(Series 096\) — GB/T 15389 / DIN 939](#)
- [Threaded Rod — GB/T 15389 / DIN 939 \(Series 095\) — GB/T 15389 / DIN 939](#)
- [Hex Bolt — GB/T 6173 / ISO 8675 \(Series 057\) — GB/T 6173 / ISO 8675](#)
- [Hex Bolt — GB/T 5783 / ISO 4017 \(Series 010\) — GB/T 5783 / ISO 4017](#)

Pricing

Eye Bolts are stocked and supplied to order. Pricing starts from approximately US\$0.40 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 Eye Bolts, and what drive do they take?

Eye Bolts are manufactured to DIN 580 and use the standard drive for this product family. The dimensional values on this page follow that standard.

Which sizes of Eye Bolts does engineeringhardware.com supply?

The table on this page lists 11 sizes for Eye Bolts, ranging from M6 to M36. Sizes outside the table can be quoted on request.

In which materials are Eye Bolts supplied?

Eye 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 Eye 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

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