

Deep Groove Ball Bearing — ISO / DIN (Series 118) — ISO / DIN

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[Fasteners/ Bearings & Bushings/](#) Deep Groove Ball Bearing — ISO / DIN (Series 118)

Bearings & Bushings · CAD Ball Bearings

Deep Groove Ball Bearing — ISO / DIN (Series 118) to ISO / DIN. Full dimensional table, materials, finishes and quotation. 12 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 Deep Groove Ball Bearing — ISO / DIN (Series 118)

Tell us the size, material, finish and quantity you need for Deep Groove Ball Bearing — ISO / DIN (Series 118) (ISO / DIN) 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 / DIN)

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

Bore d (mm)	Outer diameter D (mm)	Width B (mm)	Dynamic load C (kN)	Limit speed (rpm)	Reference standard
10	30	9	5.1	32000	ISO 15 / GB/T 276
12	32	10	6.95	28000	ISO 15 / GB/T 276
15	35	11	7.65	24000	ISO 15 / GB/T 276
17	40	12	9.56	22000	ISO 15 / GB/T 276
20	47	14	12.7	18000	ISO 15 / GB/T 276
25	52	15	14.0	16000	ISO 15 / GB/T 276
30	62	16	19.5	13000	ISO 15 / GB/T 276
35	72	17	25.5	11000	ISO 15 / GB/T 276
40	80	18	30.7	10000	ISO 15 / GB/T 276
45	85	19	33.2	9500	ISO 15 / GB/T 276
50	90	20	35.1	9000	ISO 15 / GB/T 276
60	110	22	52.7	7500	ISO 15 / GB/T 276

Deep Groove Ball Bearing — ISO / DIN (Series 118) (ISO / DIN) are a type of bearings & bushings used across industrial assembly. Below is the complete size table together with material, standard and application guidance.

What Are Deep Groove Ball Bearing — ISO / DIN (Series 118)?

Deep Groove Ball Bearing — ISO / DIN (Series 118) are bearings & bushings defined by ISO / DIN. 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 deep groove ball bearing — iso / din (series 118) family maintained by our engineering team, covering 3 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

Supporting rotating shafts and reducing friction in machinery, drives and equipment. [Read the full application guide for Deep Groove Ball Bearing — ISO / DIN \(Series 118\) →](#)

Related Fasteners

- [Deep Groove Ball Bearing — ISO / DIN \(Series 132\) — ISO / DIN](#)
- [Deep Groove Ball Bearing — ISO / DIN \(Series 131\) — ISO / DIN](#)
- [Deep Groove Ball Bearing — ISO / DIN \(Series 129\) — ISO / DIN](#)
- [Angular Contact Ball Bearing — ISO / DIN \(Series 136\) — ISO / DIN](#)
- [Deep Groove Ball Bearing — ISO / DIN \(Series 128\) — ISO / DIN](#)

Pricing

Deep Groove Ball Bearing — ISO / DIN (Series 118) are stocked and supplied to order. Pricing starts from approximately US\$1.50 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 Deep Groove Ball Bearing — ISO / DIN (Series 118), and how are they driven?

Deep Groove Ball Bearing — ISO / DIN (Series 118) are manufactured to ISO / DIN and use the standard drive for this product family. The dimensional values on this page follow that standard.

Which sizes of Deep Groove Ball Bearing — ISO / DIN (Series 118) does engineeringhardware.com supply?

The table on this page lists 12 sizes for Deep Groove Ball Bearing — ISO / DIN (Series 118), ranging from 10 to 60. Sizes outside the table can be quoted on request.

In which materials are Deep Groove Ball Bearing — ISO / DIN (Series 118) supplied?

Deep Groove Ball Bearing — ISO / DIN (Series 118) are supplied in carbon steel and stainless, with finishes including zinc plating, hot-dip galvanizing and black oxide. Choose material and finish to suit the load and the service environment for Deep Groove Ball Bearing — ISO / DIN (Series 118).

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 Bearings & Bushings

[← Previous](#)[Needle Roller Bearing — ISO / DIN \(Series 134\)](#)[ISO / DIN](#)[Next →](#)[Flanged Sleeve Bushing — ISO / DIN \(Series 135\)](#)[ISO / DIN](#)