

Needle Roller Bearing — ISO / DIN (Series 133) — ISO / DIN

Engineering Hardware · engineeringhardware.com/fastener/cad-svg-133-needlebearing

[Fasteners/ Bearings & Bushings/ Needle Roller Bearing — ISO / DIN \(Series 133\)](#)

[Bearings & Bushings · CAD Roller Bearings](#)

Needle Roller Bearing — ISO / DIN (Series 133) to ISO / DIN. Full dimensional table, materials, finishes and quotation. 8 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 Needle Roller Bearing — ISO / DIN (Series 133)

Tell us the size, material, finish and quantity you need for Needle Roller Bearing — ISO / DIN (Series 133) (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)	Reference standard
8	15	12	7.2	ISO 1206 / GB/T 309
10	17	12	8.3	ISO 1206 / GB/T 309
12	19	12	9.65	ISO 1206 / GB/T 309
15	23	12	12.5	ISO 1206 / GB/T 309
20	28	16	18.7	ISO 1206 / GB/T 309
25	33	16	22.8	ISO 1206 / GB/T 309
30	40	20	33.0	ISO 1206 / GB/T 309
40	50	20	42.5	ISO 1206 / GB/T 309

Needle Roller Bearing — ISO / DIN (Series 133) conform to ISO / DIN. As bearings & bushings, they are specified by the dimensions in the table below; this page also covers materials, finishes and typical uses.

What Are Needle Roller Bearing — ISO / DIN (Series 133)?

Needle Roller Bearing — ISO / DIN (Series 133) 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 needle roller bearing — iso / din (series 133) family maintained by our engineering team, covering 4 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 / SLDPR) 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 Needle Roller Bearing — ISO / DIN \(Series 133\) →](#)

Related Fasteners

- [Cylindrical Roller Bearing — ISO / DIN \(Series 139\) — ISO / DIN](#)
- [Tapered Roller Bearing — ISO / DIN \(Series 116\) — ISO / DIN](#)
- [Cylindrical Roller Bearing — ISO / DIN \(Series 112\) — ISO / DIN](#)
- [Needle Roller Bearing — ISO / DIN \(Series 134\) — ISO / DIN](#)
- [Cylindrical Roller Bearing — ISO / DIN \(Series 114\) — ISO / DIN](#)

Pricing

Needle Roller Bearing — ISO / DIN (Series 133) 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 Needle Roller Bearing — ISO / DIN (Series 133), and how are they driven?

Needle Roller Bearing — ISO / DIN (Series 133) are manufactured to ISO / DIN and use the standard drive for this product family. The dimensional values on this page follow that standard.

What sizes are available for Needle Roller Bearing — ISO / DIN (Series 133)?

The table on this page lists 8 sizes for Needle Roller Bearing — ISO / DIN (Series 133), ranging from 8 to 40. Sizes outside the table can be quoted on request.

In which materials are Needle Roller Bearing — ISO / DIN (Series 133) supplied?

Needle Roller Bearing — ISO / DIN (Series 133) 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 Needle Roller Bearing — ISO / DIN (Series 133).

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](#)[Tapered Roller Bearing — ISO / DIN \(Series 116\)](#)[ISO / DIN](#)[Next →](#)[Housed \(Pillow Block\) Bearing — ISO / DIN \(Series 117\)](#)
[ISO / DIN](#)