

Wire Nails — DIN 1151

Engineering Hardware · engineeringhardware.com/fastener/wire-nails

[Fasteners/](#) [Nails/](#) Wire Nails

Nails · Wire Nails

Wire Nails to DIN 1151. Full dimensional table, materials, finishes and quotation. 34 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 Wire Nails

Tell us the size, material, finish and quantity you need for Wire Nails (DIN 1151) 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 1151)

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

Diameter d (mm)	Length l (mm)	Head diameter dk (mm)	Head type	Material	Reference standard
1.0	20	2.5	Dome head	Low-carbon steel wire	DIN 1151 / ISO 1051
1.2	25	3.0	Dome head	Low-carbon steel wire	DIN 1151 / ISO 1051
1.4	30	3.5	Dome head	Low-carbon steel wire	DIN 1151 / ISO 1051
1.6	35	4.0	Dome head	Low-carbon steel wire	DIN 1151 / ISO 1051
1.8	40	4.5	Dome head	Low-carbon steel wire	DIN 1151 / ISO 1051
2.0	40	5.0	Dome head	Low-carbon steel wire	DIN 1151 / ISO 1051
2.0	50	5.0	Dome head	Low-carbon steel wire	DIN 1151 / ISO 1051
2.5	50	6.5	Dome head	Low-carbon steel wire	DIN 1151 / ISO 1051
2.5	60	6.5	Dome head	Low-carbon steel wire	DIN 1151 / ISO 1051
2.8	65	7.0	Dome head	Low-carbon steel wire	DIN 1151 / ISO 1051
3.0	60	7.5	Dome head	Low-carbon steel wire	DIN 1151 / ISO 1051
3.0	70	7.5	Dome head	Low-carbon steel wire	DIN 1151 / ISO 1051
3.0	80	7.5	Dome head	Low-carbon steel wire	DIN 1151 / ISO 1051
3.4	80	8.5	Dome head	Low-carbon steel wire	DIN 1151 / ISO 1051
3.4	90	8.5	Dome head	Low-carbon steel wire	DIN 1151 / ISO 1051
3.8	90	9.5	Dome head	Low-carbon steel wire	DIN 1151 / ISO 1051
3.8	100	9.5	Dome head	Low-carbon steel wire	DIN 1151 / ISO 1051
4.2	100	10.5	Dome head	Low-carbon steel wire	DIN 1151 / ISO 1051
4.2	110	10.5	Dome head	Low-carbon steel wire	DIN 1151 / ISO 1051
4.6	110	11.5	Dome head	Low-carbon steel wire	DIN 1151 / ISO 1051
4.6	120	11.5	Dome head	Low-carbon steel wire	DIN 1151 / ISO 1051
5.0	120	12.5	Dome head	Low-carbon steel wire	DIN 1151 / ISO 1051
5.0	130	12.5	Dome head	Low-carbon steel wire	DIN 1151 / ISO 1051
5.5	130	14.0	Dome head	Low-carbon steel wire	DIN 1151 / ISO 1051
5.5	140	14.0	Dome head	Low-carbon steel wire	DIN 1151 / ISO 1051
5.5	150	14.0	Dome head	Low-carbon steel wire	DIN 1151 / ISO 1051

Diameter d (mm)	Length l (mm)	Head diameter dk (mm)	Head type	Material	Reference standard
6.0	150	15.0	Dome head	Low-carbon steel wire	DIN 1151 / ISO 1051
6.0	160	15.0	Dome head	Low-carbon steel wire	DIN 1151 / ISO 1051
6.7	160	17.0	Dome head	Low-carbon steel wire	DIN 1151 / ISO 1051
6.7	180	17.0	Dome head	Low-carbon steel wire	DIN 1151 / ISO 1051
7.0	180	17.5	Dome head	Low-carbon steel wire	DIN 1151 / ISO 1051
7.0	200	17.5	Dome head	Low-carbon steel wire	DIN 1151 / ISO 1051
8.0	200	20.0	Dome head	Low-carbon steel wire	DIN 1151 / ISO 1051
8.0	250	20.0	Dome head	Low-carbon steel wire	DIN 1151 / ISO 1051

Wire Nails are nails manufactured to DIN 1151. This page lists the full dimensional range with the key specifications engineers need to select and specify them.

What Are Wire Nails?

Wire Nails are nails defined by DIN 1151. 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

Framing, packaging, pallets and general construction fastening. [Read the full application guide for Wire Nails →](#)

Related Fasteners

- [Specialty Nails — Industry standard](#)

Pricing

Wire Nails are stocked and supplied to order. Pricing starts from approximately US\$0.005 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 standard and drive type do Wire Nails use?

Wire Nails are manufactured to DIN 1151 and use the standard drive for this product family. The dimensional values on this page follow that standard.

What sizes are available for Wire Nails?

The table on this page lists 34 sizes for Wire Nails, ranging from 1.0 to 8.0. Sizes outside the table can be quoted on request.

In which materials are Wire Nails supplied?

Wire Nails are supplied in low-carbon and medium-carbon steel, with finishes including zinc plating, hot-dip galvanizing and black oxide. Choose material and finish to suit the load and the service environment for Wire Nails.

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 Nails

[← Previous](#)[Specialty Nails](#)[Industry standard](#)[Next →](#)[Specialty Nails](#)[Industry standard](#)