

Specialty Nails — Industry standard

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Specialty Nails to Industry standard. Full dimensional table, materials, finishes and quotation. 15 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 Specialty Nails

Tell us the size, material, finish and quantity you need for Specialty Nails (Industry standard) 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 (Industry standard)

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

Nail type	Diameter (mm)	Common length range (mm)	Head diameter (mm)	Point form	Application	Reference standard
Round steel nail	1.8	32~65	4.5	Pointed	General woodworking	DIN 1151
Round steel nail	2.5	45~90	6.5	Pointed	General woodworking	DIN 1151
Round steel nail	3.1	60~120	7.5	Pointed	Structural woodworking	DIN 1151
Round steel nail	3.8	80~150	9.5	Pointed	Structural woodworking	DIN 1151
Spiral nail	2.5	45~90	5.5	Pointed	Pallet / crate	Industry standard
Spiral nail	3.1	60~120	7.5	Pointed	Pallet / crate	Industry standard
Ring-shank nail	2.5	45~75	6.5	Pointed	Pull-out resistant	DIN 1052
Ring-shank nail	3.1	60~100	7.5	Pointed	Pull-out resistant	DIN 1052
Concrete steel nail	2.5	20~50	5.5	Hardened taper	Concrete / masonry	Industry standard
Concrete steel nail	3.0	30~60	6.5	Hardened taper	Concrete / masonry	Industry standard
Pneumatic nail	1.6	15~50	3.0	D-head	For nail gun	Industry standard
Pneumatic nail	2.0	25~65	3.5	D-head	For nail gun	Industry standard
Staple	1.4	10~20	-	Double-pointed	Cable / hose fixing	Industry standard
Staple	1.8	14~25	-	Double-pointed	Cable / hose fixing	Industry standard
Staple	2.0	16~32	-	Double-pointed	Cable / hose fixing	Industry standard

Manufactured to Industry standard, Specialty Nails are nails supplied by engineeringhardware.com. The dimensional data, materials and selection notes are summarized here.

What Are Specialty Nails?

Specialty Nails are nails defined by Industry standard. 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 Specialty Nails →](#)

Related Fasteners

- [Wire Nails — DIN 1151](#)

Pricing

Specialty Nails are stocked and supplied to order. Pricing starts from approximately US\$0.006 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 Specialty Nails, and what drive do they take?

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

What is the size range of Specialty Nails?

The table on this page lists 15 sizes for Specialty Nails, ranging from Round steel nail to Staple. Sizes outside the table can be quoted on request.

In which materials are Specialty Nails supplied?

Specialty 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 Specialty 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

[← PreviousWire NailsDIN 1151](#)[Next →Wire NailsDIN 1151](#)