

Spring (Roll) Pins — ISO 8748 / DIN 1481

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Spring (Roll) Pins to ISO 8748 / DIN 1481. Full dimensional table, materials, finishes and quotation. 16 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 Spring (Roll) Pins

Tell us the size, material, finish and quantity you need for Spring (Roll) Pins (ISO 8748 / DIN 1481) 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 8748 / DIN 1481)

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

Nominal diameter (mm)	Recommended hole (mm)	Common length range (mm)	End chamfer (mm)	Material	Reference standard
1.0	1.0	4~10	0.3	Spring steel	ISO 8748 / DIN 1481
1.2	1.2	4~12	0.3	Spring steel	ISO 8748 / DIN 1481
1.5	1.5	4~16	0.3	Spring steel	ISO 8748 / DIN 1481
2.0	2.0	6~20	0.5	Spring steel	ISO 8748 / DIN 1481
2.5	2.5	6~24	0.5	Spring steel	ISO 8748 / DIN 1481
3.0	3.0	8~30	0.5	Spring steel	ISO 8748 / DIN 1481
4.0	4.0	8~40	0.8	Spring steel	ISO 8748 / DIN 1481
5.0	5.0	10~50	0.8	Spring steel	ISO 8748 / DIN 1481
6.0	6.0	12~60	1.0	Spring steel	ISO 8748 / DIN 1481
8.0	8.0	16~80	1.0	Spring steel	ISO 8748 / DIN 1481
10.0	10.0	20~100	1.5	Spring steel	ISO 8748 / DIN 1481
12.0	12.0	25~120	1.5	Spring steel	ISO 8748 / DIN 1481
13.0	13.0	25~120	1.5	Spring steel	ISO 8748 / DIN 1481
14.0	14.0	30~160	2.0	Spring steel	ISO 8748 / DIN 1481
16.0	16.0	30~160	2.0	Spring steel	ISO 8748 / DIN 1481
20.0	20.0	40~200	2.0	Spring steel	ISO 8748 / DIN 1481

Spring (Roll) Pins conform to ISO 8748 / DIN 1481. As pins, they are specified by the dimensions in the table below; this page also covers materials, finishes and typical uses.

What Are Spring (Roll) Pins?

Spring (Roll) Pins are pins defined by ISO 8748 / DIN 1481. 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

Location, alignment and retention in jigs, fixtures, machinery and shafts. [Read the full application guide for Spring \(Roll\) Pins →](#)

Related Fasteners

- [Clevis Pin — ISO / DIN \(Series 105\) — ISO / DIN](#)
- [Split Cotter Pin — ISO / DIN \(Series 102\) — ISO / DIN](#)
- [Internally Threaded Dowel Pin — GB/T 120.1 / ISO 8735 \(Series 100\) — GB/T 120.1 / ISO 8735](#)
- [Dowel Pins — ISO 8734 / DIN 6325](#)
- [Spring \(Roll\) Pin — ISO / DIN \(Series 104\) — ISO / DIN](#)

Pricing

Spring (Roll) Pins are stocked and supplied to order. Pricing starts from approximately US\$0.030 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 Spring (Roll) Pins, and what drive do they take?

Spring (Roll) Pins are manufactured to ISO 8748 / DIN 1481 and use the standard drive for this product family. The dimensional values on this page follow that standard.

What sizes are available for Spring (Roll) Pins?

The table on this page lists 16 sizes for Spring (Roll) Pins, ranging from 1.0 to 20.0. Sizes outside the table can be quoted on request.

In which materials are Spring (Roll) Pins supplied?

Spring (Roll) Pins are supplied in hardened alloy 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 Spring (Roll) Pins.

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 Pins

[← Previous Dowel Pins ISO 8734 / DIN 6325](#)[Next → Split Cotter Pins ISO 1234 / DIN 94](#)