

Spring Lock Washers — ISO 7980 / DIN 127

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Spring Lock Washers to ISO 7980 / DIN 127. Full dimensional table, materials, finishes and quotation. 20 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 Lock Washers

Tell us the size, material, finish and quantity you need for Spring Lock Washers (ISO 7980 / DIN 127) 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 7980 / DIN 127)

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

For bolt size	Inner diameter d1 min (mm)	Outer diameter d2 max (mm)	Width b (mm)	Thickness s (mm)	Reference standard
M2	2.1	4.4	1.6	0.5	ISO 7980 / DIN 127
M2.5	2.6	5.1	2.0	0.6	ISO 7980 / DIN 127
M3	3.1	6.2	2.0	0.8	ISO 7980 / DIN 127
M3.5	3.6	7.0	2.5	0.8	ISO 7980 / DIN 127
M4	4.1	7.6	2.5	1.0	ISO 7980 / DIN 127
M5	5.1	9.2	3.0	1.2	ISO 7980 / DIN 127
M6	6.1	11.8	4.0	1.6	ISO 7980 / DIN 127
M7	7.1	13.1	4.0	1.6	ISO 7980 / DIN 127
M8	8.1	14.8	5.0	2.0	ISO 7980 / DIN 127
M10	10.2	18.1	6.0	2.2	ISO 7980 / DIN 127
M12	12.2	21.1	7.0	2.5	ISO 7980 / DIN 127
M14	14.2	24.1	8.0	3.0	ISO 7980 / DIN 127
M16	16.2	27.4	9.0	3.5	ISO 7980 / DIN 127
M18	18.2	29.4	9.0	3.5	ISO 7980 / DIN 127
M20	20.2	33.6	10.0	4.0	ISO 7980 / DIN 127
M22	22.5	35.9	11.0	4.0	ISO 7980 / DIN 127
M24	24.5	40.1	12.0	5.0	ISO 7980 / DIN 127
M27	27.5	44.8	12.0	5.0	ISO 7980 / DIN 127
M30	30.5	50.0	14.0	6.0	ISO 7980 / DIN 127
M36	36.5	60.0	16.0	7.0	ISO 7980 / DIN 127

Spring Lock Washers are washers manufactured to ISO 7980 / DIN 127. This page lists the full dimensional range with the key specifications engineers need to select and specify them.

What Are Spring Lock Washers?

Spring Lock Washers are washers defined by ISO 7980 / DIN 127. 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

Load distribution, surface protection and anti-loosening under bolt and nut heads in virtually all bolted joints. [Read the full application guide for Spring Lock Washers →](#)

Related Fasteners

- [Tab Lock Washer for Round Nut — GB/T 858 \(Series 089\) — GB/T 858](#)
- [Square Channel-Steel Washer — GB/T 852 \(Series 083\) — GB/T 852](#)
- [Spring Lock Washer \(GB/T 93\) — GB/T 93 / DIN 127B \(Series 081\) — GB/T 93 / DIN 127B](#)
- [Spring Lock Washer — GB/T 93 / DIN 127B \(Series 080\) — GB/T 93 / DIN 127B](#)
- [Tab Lock Washer for Round Nut — GB/T 858 \(Series 072\) — GB/T 858](#)

Pricing

Spring Lock Washers are stocked and supplied to order. Pricing starts from approximately US\$0.010 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 Spring Lock Washers, and how are they driven?

Spring Lock Washers are manufactured to ISO 7980 / DIN 127 and use the standard drive for this product family. The dimensional values on this page follow that standard.

What is the size range of Spring Lock Washers?

The table on this page lists 20 sizes for Spring Lock Washers, ranging from M2 to M36. Sizes outside the table can be quoted on request.

In which materials are Spring Lock Washers supplied?

Spring Lock Washers are supplied in carbon steel (zinc plated / HDG) and stainless A2 / A4, 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 Lock Washers.

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 Washers

[← Previous Flat Washers ISO 7089 / ISO 7093](#)[Next → Fender Washers DIN 9021](#)