

Woodruff Keys — DIN 6888

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Keys · Woodruff Keys

Woodruff Keys to DIN 6888. Full dimensional table, materials, finishes and quotation. 21 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 Woodruff Keys

Tell us the size, material, finish and quantity you need for Woodruff Keys (DIN 6888) 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 6888)

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

Key width b (mm)	Disc diameter d (mm)	Key height h (mm)	Chord length l (mm)	Shaft groove depth t1 (mm)	Hub groove depth t2 (mm)	Reference standard
1.0	4	1.4	3.7	1.0	0.6	DIN 6888 / ISO 3912
1.5	4	1.4	3.7	1.0	0.6	DIN 6888 / ISO 3912
2.0	5	1.8	4.7	1.4	0.6	DIN 6888 / ISO 3912
2.0	6	2.6	5.7	2.0	0.8	DIN 6888 / ISO 3912
2.5	7	3.0	6.8	2.3	1.0	DIN 6888 / ISO 3912
3.0	7	3.0	6.8	2.3	1.0	DIN 6888 / ISO 3912
3.0	9	4.0	8.8	3.2	1.0	DIN 6888 / ISO 3912
3.0	10	4.5	9.8	3.5	1.2	DIN 6888 / ISO 3912
4.0	9	4.0	8.8	3.2	1.0	DIN 6888 / ISO 3912
4.0	10	4.5	9.8	3.5	1.2	DIN 6888 / ISO 3912
4.0	13	6.0	12.7	5.0	1.4	DIN 6888 / ISO 3912
5.0	10	4.5	9.8	3.5	1.2	DIN 6888 / ISO 3912
5.0	13	6.0	12.7	5.0	1.4	DIN 6888 / ISO 3912
5.0	16	7.5	15.7	6.3	1.4	DIN 6888 / ISO 3912
6.0	13	6.0	12.7	5.0	1.4	DIN 6888 / ISO 3912
6.0	16	7.5	15.7	6.3	1.4	DIN 6888 / ISO 3912

Key width b (mm)	Disc diameter d (mm)	Key height h (mm)	Chord length l (mm)	Shaft groove depth t1 (mm)	Hub groove depth t2 (mm)	Reference standard
6.0	19	9.0	18.6	7.5	1.8	DIN 6888 / ISO 3912
8.0	19	9.0	18.6	7.5	1.8	DIN 6888 / ISO 3912
8.0	22	11.0	21.6	9.3	1.8	DIN 6888 / ISO 3912
10.0	22	11.0	21.6	9.3	1.8	DIN 6888 / ISO 3912
10.0	25	13.0	24.5	11.0	2.3	DIN 6888 / ISO 3912

Woodruff Keys are keys manufactured to DIN 6888. This page lists the full dimensional range with the key specifications engineers need to select and specify them.

What Are Woodruff Keys?

Woodruff Keys are keys defined by DIN 6888. 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

Transmitting torque between shafts and hubs in gears, pulleys and couplings. [Read the full application guide for Woodruff Keys →](#)

Related Fasteners

- [Parallel Keys — DIN 6885 / ISO 773](#)
- [Clevis Pin — ISO / DIN \(Series 105\) — ISO / DIN](#)
- [Spring \(Roll\) Pin — ISO / DIN \(Series 104\) — ISO / DIN](#)
- [Spring \(Roll\) Pin — ISO / DIN \(Series 103\) — ISO / DIN](#)
- [Clevis Pin — ISO / DIN \(Series 101\) — ISO / DIN](#)

Pricing

Woodruff Keys are stocked and supplied to order. Pricing starts from approximately US\$0.080 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 Woodruff Keys, and what drive do they take?

Woodruff Keys are manufactured to DIN 6888 and use the standard drive for this product family. The dimensional values on this page follow that standard.

What sizes are available for Woodruff Keys?

The table on this page lists 21 sizes for Woodruff Keys, ranging from 1.0 to 10.0. Sizes outside the table can be quoted on request.

In which materials are Woodruff Keys supplied?

Woodruff Keys 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 Woodruff Keys.

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 Keys

[← PreviousParallel KeysDIN 6885 / ISO 773](#)[Next →Parallel KeysDIN 6885 / ISO 773](#)