

 **Pollmeier**

The background of the entire image is a long, narrow aisle in a warehouse. On both sides, there are tall, industrial metal shelving units. These units are filled with numerous wooden pallets, each stacked with large, flat sheets of solid beech wood. The metal structure is grey, and there are red cables or hoses running along the beams. The floor is a smooth, light-colored concrete. In the distance, a person can be seen walking down the aisle, and a small white vehicle or lift is visible. The lighting is bright and even, highlighting the texture of the wood and the structure of the racks.

C O M P O N E N T S

**Cut-to-size solid beech:
cost-effective and available from stock**



Bild von babyLodge.it



Available from stock.

Our new high-bay warehouse has a capacity of 21,000 storage spaces, so we can offer you the shortest possible lead times.

Suitable dimensions for every application.

COMPONENTS are available in 342 dimensions. You can buy cut-to-size parts very close to your end-dimensions and can thereby reduce your waste factor.

High dimensional precision leads to less waste.

COMPONENTS are cut from calibrated boards after drying and are thus extremely precise in dimension. The waste factor from raw to finished dimension is therefore very low.

Lower transport, import, and storage costs.

You save on costs, given that less material is being transported, imported, and stored.

Lower production costs.

With COMPONENTS there is no need to rip, trim and calibrate lumber. The remaining production steps involve less volume and run significantly faster. This leads to lower costs per finished product – saving you on machining, maintenance, energy, labour and other side costs. Meanwhile, you can produce 30 to 40% more finished products with the same capacity.

Less investments in new machinery.

Due to the reduction of work steps, fewer machines are required overall. This in turn decreases the necessity to invest in new machines mid term.

Sustainable solid hardwood products at affordable prices.

Thanks to the cost savings you get using Pollmeier COMPONENTS, you can manufacture high-quality solid hardwood products at a reasonable price for your customers.

Pollmeier COMPONENTS come from 100% sustainable forestry.

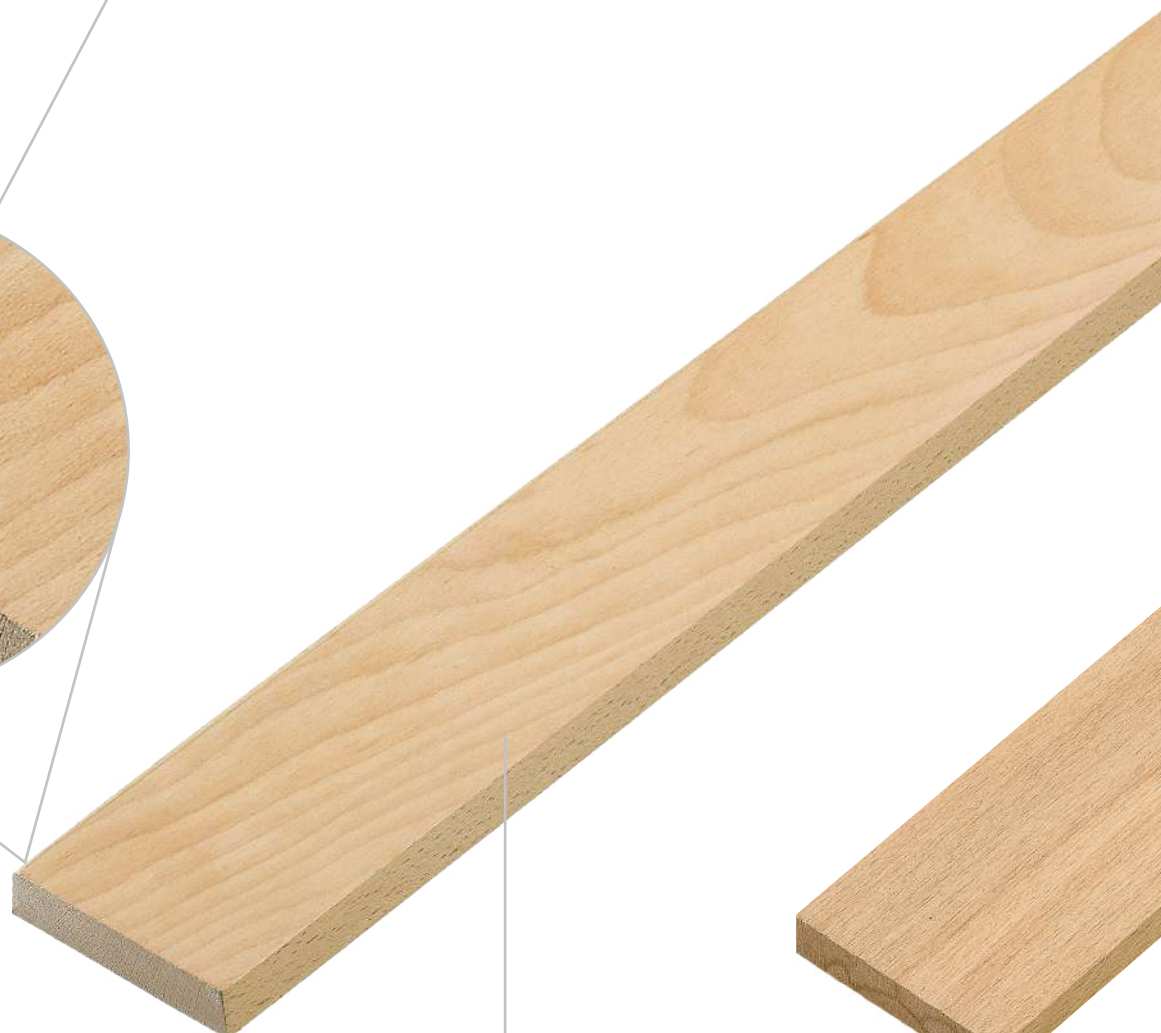


Pollmeier COMPONENTS // Solid Beech

Cut-to-size solid beech: cost-effective and available from stock



Precise dimensions: calibrated in thickness to 23.8 mm and always cut after drying



Sorting AAA

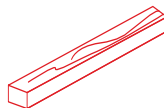
Sorting CCC



Lightly steamed to attain even and consistent colour



Tangentially cut with an attractive year ring structure



Pre-sanded surfaces



Kiln-dried and conditioned to 7-9% moisture content

Overview - Sortings

Sorting	Appearance	Characteristics	Application
AAA 4 sides clear	Almost flawless appearance		Suitable for all natural color applications, e.g. kitchen cabinet doors, mouldings, glue-edged panels, children's furniture, chairs, furniture and frame parts, door frames, door lippings and stabilizers, toys and wooden objects, flooring and many more
CCC 4 sides clear colour no defect	Almost flawless appearance, colour not determined as a defect	Colour variations permissible, i.e. red heart, blue stain, mineral spots	Suitable for all stained and painted products, as well as dowels and handles, rods, brushes, paint brushes and many more

COMPONENTS // Solid Beech

Overview - Dimensions and tolerances

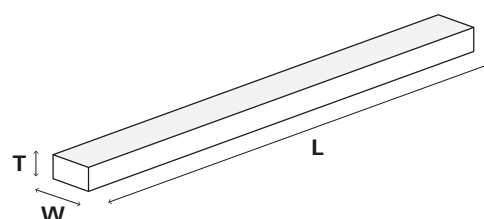
Material	Thicknesses (invoiced thickness)	Widths	Lengths
COMPONENTS // Solid Beech (All sortings)	23.8 mm (26 mm)	42 mm, 54 mm, 68 mm, 80 mm, 100 mm, 125 mm	200 - 3,000 mm
Tolerance ^{a)}	+/- 0.3 mm calibration tolerance ^{b)}	+/- 0.5 mm	+/- 1 mm/ linear metre

a) Tolerances refer to a moisture content of 7-9% (solid beech lumber).

The swelling and shrinking behaviour of higher equilibrium moisture contents must be taken into account.

b) The standard product limits occasional hit-and-miss spots to about 1 mm in thickness.

Special sorting with a hit-and-miss limit of 0.5 mm in thickness available at request.



Notes

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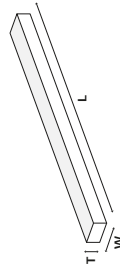
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COMPONENTS // Solid Beech standard dimensions on stock

COMPONENTS

width	42 mm		45 mm		52 mm*		54 mm		56 mm*		62 mm*		68 mm		75 mm*		80 mm		100 mm		125 mm	
	Pcs.	Vol. [m³]	Pcs.	Vol. [m³]	Pcs.	Vol. [m³]	Pcs.	Vol. [m³]	Pcs.	Vol. [m³]	Pcs.	Vol. [m³]	Pcs.	Vol. [m³]	Pcs.	Vol. [m³]	Pcs.	Vol. [m³]	Pcs.	Vol. [m³]	Pcs.	Vol. [m³]
length																						
3,000 mm		3.4		3.4		3.4		3.3		3.5		3.5		3.4		3.5		3.5		3.4		3.4
2,750 mm		3.1		3.1		3.1		3.1		3.2		3.2		3.1		3.2		3.2		3.1		3.1
2,400 mm		2.6		2.7		2.6		2.7		2.7		2.8		2.6		2.7		2.7		2.6		2.6
2,250 mm	1,000	2.6		2.6		2.6	800	2.5		2.6		2.6		2.5		2.6	640	2.6		2.6		2.6
2,200 mm		2.5		2.5		2.5		2.5		2.6		2.6		2.5		2.6		2.6		2.5		2.5
2,100 mm		2.4		2.4		2.4		2.4		2.4		2.4		2.4		2.5		2.4		2.4		2.4
2,000 mm		2.3		2.3		2.3		2.3		2.3		2.3		2.3		2.3		2.3		2.3		2.3
1,900 mm		2.2		2.2		2.2		2.1		2.2		2.2		2.1		2.2		2.2		2.2		2.2
1,800 mm		2.0		2.0		2.0		2.0		2.1		2.1		2.0		2.1		2.1		2.1		2.1
1,600 mm		1.8		1.8		1.8		1.8		1.9		1.9		1.8		1.9		1.9		1.8		1.8
1,500 mm		1.7		1.7		1.7		1.7		1.7		1.7		1.7		1.8		1.7		1.7		1.7
1,400 mm	1,040	1.6		1.6		1.6	800	1.6		1.6		1.6		1.6		1.6	640	1.6		1.6		1.6
1,300 mm		1.5		1.5		1.5		1.5		1.5		1.5		1.5		1.5		1.5		1.5		1.5
1,200 mm		1.4		1.4		1.4		1.4		1.4		1.4		1.4		1.4		1.4		1.4		1.4
1,000 mm		1.1		1.1		1.1		1.1		1.2		1.2		1.1		1.2		1.2		1.1		1.1
900 mm		1.0		1.0		1.0		1.0		1.0		1.0		1.0		1.1		1.0		1.0		1.0
800 mm		0.9		0.9		0.9		0.9		0.9		0.9		0.9		0.9		0.9		0.9		0.9
750 mm		0.9		0.9		0.9		0.8		0.9		0.9		0.8		0.9		0.9		0.9		0.9
700 mm	1,040	0.8		0.8		0.8	800	0.8		0.8		0.8		0.8		0.8	640	0.8		0.8		0.8
650 mm		0.7		0.8		0.7		0.7		0.8		0.8		0.7		0.8		0.8		0.7		0.7
600 mm		0.7		0.7		0.7		0.7		0.7		0.7		0.7		0.7		0.7		0.7		0.7
550 mm		1.2		0.6		1.2		1.2		1.3		1.3		1.2		1.3		1.3		1.3		1.3
500 mm		1.1		0.6		1.1		1.1		1.2		1.2		1.1		1.2		1.2		1.2		1.2
450 mm	2,080	1.0		0.5		1.0	1,600	1.0		1.0		1.0		1,280		1.1		1.0		1.0		1.0
400 mm		0.9		0.9		0.9		0.9		0.9		0.9		0.9		0.9		0.9		0.9		0.9
350 mm		0.8		0.8		0.8		0.8		0.8		0.8		0.8		0.8		0.8		0.8		0.8
300 mm		1.1		1.1		1.0		1.0		1.0		1.0		1.0		1.1		1.0		1.0		1.0
250 mm	3,120	0.9		0.9		0.9	2,400	0.8		0.9		0.9		1,920		0.9		0.9		0.9		0.9
200 mm	4,160	0.9		0.9		0.9	3,200	0.9		0.9		0.9		2,560		0.9		0.9		0.9		0.9

* 52 mm, 56 mm, 62 mm, 75 mm: only volume on stock available. No further production.



Solid Beech:
Tolerances:
Thickness:

Lightly steamed | Homogeneous dried to 7-9% KD | Calibrated thickness | Cut-to-size after kiln drying
 Thickness: ±0.3 mm calibration tolerance | Width: ±0.5 mm | Length: ±1 mm per 1 linear metre
 23.8 mm (Invoiced thickness: 26 mm)

The standard product limits hit-and-miss to about 1mm in thickness. A special sorting with hit-and-miss limit of 0.5 mm in thickness is available at request.

Place your test order.

Just contact us and we'll find the best way to organize your COMPONENTS test.

Request your free samples.

Have a look at Pollmeier COMPONENTS.

Free



The production site in Aschaffenburg is Europe's largest solid wood cutting plant.

Please contact us.
We are happy to support you in reducing your material costs.

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Our products are certified according to PEFC.
PEFC/04-31-0545

