

 **Pollmeier**

The image shows a vast industrial warehouse with high ceilings and a complex network of grey metal shelving units. The shelves are densely packed with stacks of solid beech wood, some wrapped in clear plastic. A central aisle is visible, leading towards a bright light source at the far end of the warehouse. The overall atmosphere is one of a well-organized and extensive inventory.

COMPONENTS

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



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.





COMPONENTS // Solid Beech

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

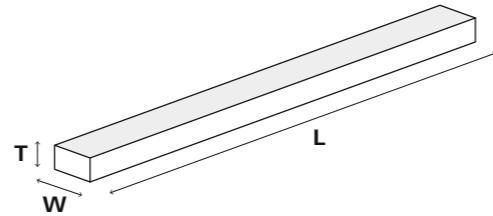
Material	Thicknesses (invoiced thickness)	Widths	Lengths
COMPONENTS // Solid Beech (All sortings)	23.8 mm (26 mm)	42 mm, 54 mm, 68 mm, 80 mm, 100 mm, 125 mm	200 - 3,000 mm
Tolerance ^{a)}	+/- 0.3 mm calibration tolerance ^{b)}	+/- 0.5 mm	+/- 1 mm/ linear metre

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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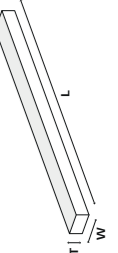
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COMPONENTS // Solid Beech standard dimensions on stock



width \ length	42 mm		54 mm		68 mm		80 mm		100 mm		125 mm	
	Pcs.	Vol. [m ³]	Pcs.	Vol. [m ³]	Pcs.	Vol. [m ³]	Pcs.	Vol. [m ³]	Pcs.	Vol. [m ³]	Pcs.	Vol. [m ³]
3.000 mm	1000	3,4	800	3,4	640	3,4	560	560	440	320	3,4	-
2.750 mm		3,1		3,1		2,9		2,9			3,1	2,9
2.700 mm		3,0		2,9		2,8		2,8			3,0	2,7
2.600 mm		2,8		2,8		2,7		2,7			2,9	2,6
2.500 mm		2,7		2,7		2,6		2,6			2,7	2,5
2.400 mm		2,6		2,6		2,5		2,5			2,6	2,4
2.300 mm		2,6		2,5		2,5		2,5			2,6	2,3
2.250 mm		2,5		2,5		2,4		2,4			2,5	2,3
2.200 mm		2,4		2,4		2,3		2,4			2,4	2,2
2.100 mm		2,3		2,3		2,3		2,3			2,3	2,1
2.050 mm		2,3		2,1		2,1		2,2			2,2	2,0
2.000 mm		2,2		2,0		2,0		2,1			2,1	1,9
1.900 mm		2,0		1,9		1,9		2,0			1,9	1,8
1.800 mm		1,9		1,8		1,8		1,9			1,8	1,7
1.700 mm		1,8		1,7		1,7		1,7			1,7	1,6
1.600 mm		1,7		1,6		1,6		1,6			1,6	1,5
1.500 mm		1,6		1,5		1,5		1,5			1,5	1,4
1.400 mm		1,5		1,4		1,4		1,4			1,4	1,2
1.300 mm		1,4		1,2		1,2		1,3			1,3	1,1
1.200 mm		1,2		1,1		1,1		1,2			1,1	1,0
1.100 mm		1,1		1,1		1,1		1,1			1,1	1,0
1.000 mm		1,1		1,0		1,0		1,0			1,0	0,9
950 mm		1,0		1,0		0,9		0,9			0,9	0,9
900 mm		1,0		0,9		0,8		0,8			0,8	0,8
850 mm		0,9		0,8		0,8		0,8			0,7	0,7
800 mm		0,9		0,7		0,7		0,7			0,7	0,6
750 mm		0,9		0,7		0,7		0,7			0,7	0,6
700 mm		0,8		0,7		0,7		0,7			0,7	0,6
650 mm		0,8		0,7		0,7		0,7			0,7	0,6
600 mm		0,7		0,7		0,7		0,7			0,7	0,6
550 mm		1,2		1,2		1,2		1,3			1,3	1,1
500 mm		1,1		1,1		1,1		1,2			1,1	1,0
450 mm		1,0		1,0		1,0		1,0			1,0	0,9
400 mm		0,9		0,9		0,9		0,9			0,9	0,8
350 mm		0,8		0,8		0,8		0,8			0,8	0,7
300 mm		1,1		1,0		1,0		1,0			1,0	0,9
250 mm		0,9		0,8		0,8		0,9			0,9	0,8
200 mm		0,9		0,9		0,9		0,9			0,9	0,8



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

The standard product limits hit-and-miss to about 1 mm in thickness.

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

