

 **Pollmeier**

The background of the entire image is a photograph of a large industrial warehouse. It features tall, grey metal shelving units on both sides, filled with stacks of light-colored wood. The perspective is from a central aisle, looking down the length of the warehouse towards a bright light source at the far end. The lighting is dramatic, with strong highlights and deep shadows, emphasizing the scale and structure of the facility.

# **C O M P O N E N T S**

**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

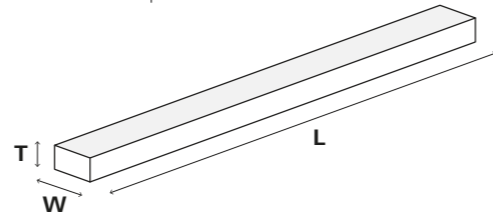
Material	Thicknesses (invoiced thickness)	Widths	Lengths
COMPONENTS // Solid Beech (All sortings)	23.8 mm (26 mm)	42 mm, 52 mm, 54 mm, 56 mm, 62 mm, 68 mm, 75 mm, 80 mm, 100 mm, 125 mm	200 - 3,000 mm
Tolerance <sup>a)</sup>	+/- 0.3 mm calibration tolerance <sup>b)</sup>	+/- 0.5 mm	+/- 1 mm/ linear metre

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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COMPONENTS // Solid Beech standard dimensions on stock



width length	42 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]
3.000 mm	1000	3.4	840	2.6	800	2.1	3.4	2.2	720	2.1	640	2.2	600	2.2	560	2.2	440	2.2	320	2.0
2.750 mm	1040	3.1	840	2.6	800	2.0	3.1	2.1	720	2.0	640	2.1	600	2.1	560	2.1	440	2.1	320	1.9
2.700 mm	1040	3.0	840	2.6	800	1.9	3.0	2.0	720	1.9	640	2.0	600	2.0	560	2.0	440	2.0	320	1.8
2.600 mm	1040	2.8	840	2.6	800	1.8	2.9	1.9	720	1.8	640	1.9	600	1.9	560	1.9	440	1.9	320	1.7
2.500 mm	1040	2.7	840	2.6	800	1.7	2.8	1.7	720	1.7	640	1.8	600	1.7	560	1.7	440	1.7	320	1.6
2.400 mm	1040	2.6	840	2.6	800	1.6	2.7	1.6	720	1.6	640	1.7	600	1.6	560	1.6	440	1.6	320	1.5
2.300 mm	1040	2.6	840	2.6	800	1.6	2.7	1.6	720	1.6	640	1.7	600	1.6	560	1.6	440	1.6	320	1.5
2.250 mm	1040	2.6	840	2.6	800	1.5	2.6	1.5	720	1.5	640	1.6	600	1.5	560	1.5	440	1.5	320	1.4
2.200 mm	1040	2.5	840	2.6	800	1.5	2.6	1.5	720	1.5	640	1.6	600	1.5	560	1.5	440	1.5	320	1.4
2.100 mm	1040	2.4	840	2.6	800	1.4	2.4	1.4	720	1.4	640	1.5	600	1.4	560	1.4	440	1.4	320	1.2
2.050 mm	1040	2.3	840	2.6	800	1.4	2.4	1.4	720	1.4	640	1.5	600	1.4	560	1.4	440	1.4	320	1.2
2.000 mm	1040	2.3	840	2.6	800	1.2	2.3	1.2	720	1.2	640	1.3	600	1.2	560	1.2	440	1.2	320	1.1
1.900 mm	1040	2.2	840	2.6	800	1.1	2.2	1.1	720	1.1	640	1.2	600	1.1	560	1.1	440	1.1	320	1.0
1.800 mm	1040	2.2	840	2.6	800	1.1	2.2	1.1	720	1.1	640	1.2	600	1.1	560	1.1	440	1.1	320	1.0
1.700 mm	1040	2.0	840	2.6	800	1.0	2.0	1.0	720	1.0	640	1.1	600	1.0	560	1.0	440	1.0	320	0.9
1.600 mm	1040	1.9	840	2.6	800	1.0	1.9	1.0	720	1.0	640	1.1	600	1.0	560	1.0	440	1.0	320	0.9
1.500 mm	1040	1.8	840	2.6	800	0.9	1.8	0.9	720	0.9	640	1.0	600	0.9	560	0.9	440	0.9	320	0.8
1.400 mm	1040	1.7	840	2.6	800	0.9	1.7	0.9	720	0.9	640	1.0	600	0.9	560	0.9	440	0.9	320	0.8
1.300 mm	1040	1.6	840	2.6	800	0.9	1.6	0.9	720	0.9	640	1.0	600	0.9	560	0.9	440	0.9	320	0.8
1.200 mm	1040	1.5	840	2.6	800	0.8	1.5	0.8	720	0.8	640	1.0	600	0.8	560	0.8	440	0.8	320	0.7
1.100 mm	1040	1.4	840	2.6	800	0.8	1.4	0.8	720	0.8	640	1.0	600	0.8	560	0.8	440	0.8	320	0.7
1.000 mm	1040	1.2	840	2.6	800	0.8	1.2	0.8	720	0.8	640	1.0	600	0.8	560	0.8	440	0.8	320	0.7
950 mm	1040	1.1	840	2.6	800	0.7	1.1	0.7	720	0.7	640	1.0	600	0.7	560	0.7	440	0.7	320	0.6
900 mm	1040	1.1	840	2.6	800	1.2	1.1	1.2	720	1.2	640	1.3	600	1.2	560	1.2	440	1.2	320	1.1
850 mm	1040	1.0	840	2.6	800	1.1	1.0	1.1	720	1.1	640	1.2	600	1.1	560	1.1	440	1.1	320	1.0
800 mm	1040	0.9	840	2.6	800	1.0	0.9	1.0	720	1.0	640	1.1	600	1.0	560	1.0	440	1.0	320	0.9
750 mm	1040	0.9	840	2.6	800	1.0	0.9	1.0	720	1.0	640	1.1	600	1.0	560	1.0	440	1.0	320	0.9
700 mm	1040	0.8	840	2.6	800	0.9	0.8	0.9	720	0.9	640	1.0	600	0.9	560	0.9	440	0.9	320	0.8
650 mm	1040	0.7	840	2.6	800	0.8	0.7	0.8	720	0.8	640	1.0	600	0.8	560	0.8	440	0.8	320	0.7
600 mm	1040	0.7	840	2.6	800	0.7	0.7	0.7	720	0.7	640	1.0	600	0.7	560	0.7	440	0.7	320	0.6
550 mm	1040	1.2	840	2.6	800	1.2	1.2	1.3	720	1.2	640	1.3	600	1.2	560	1.2	440	1.2	320	1.1
500 mm	1040	1.1	840	2.6	800	1.1	1.1	1.2	720	1.1	640	1.2	600	1.1	560	1.1	440	1.1	320	1.0
450 mm	1040	1.0	840	2.6	800	1.0	1.0	1.1	720	1.0	640	1.1	600	1.0	560	1.0	440	1.0	320	0.9
400 mm	1040	0.9	840	2.6	800	0.9	0.9	1.0	720	0.9	640	1.0	600	0.9	560	0.9	440	0.9	320	0.8
350 mm	1040	0.8	840	2.6	800	0.8	0.8	0.9	720	0.8	640	1.0	600	0.8	560	0.8	440	0.8	320	0.7
300 mm	1040	1.1	840	2.6	800	1.0	1.0	1.1	720	1.0	640	1.1	600	1.0	560	1.0	440	1.0	320	0.9
250 mm	1040	0.9	840	2.6	800	0.8	0.8	0.9	720	0.8	640	1.0	600	0.8	560	0.8	440	0.8	320	0.8
200 mm	1040	0.9	840	2.6	800	0.9	0.9	0.9	720	0.9	640	1.0	600	0.9	560	0.9	440	0.9	320	0.8



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.

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)

**Solid Beech:**  
**Tolerances:**  
**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

