

 Pollmeier

COMPONENTS

2nd generation



ready to use solid beech

NEW FEATURES

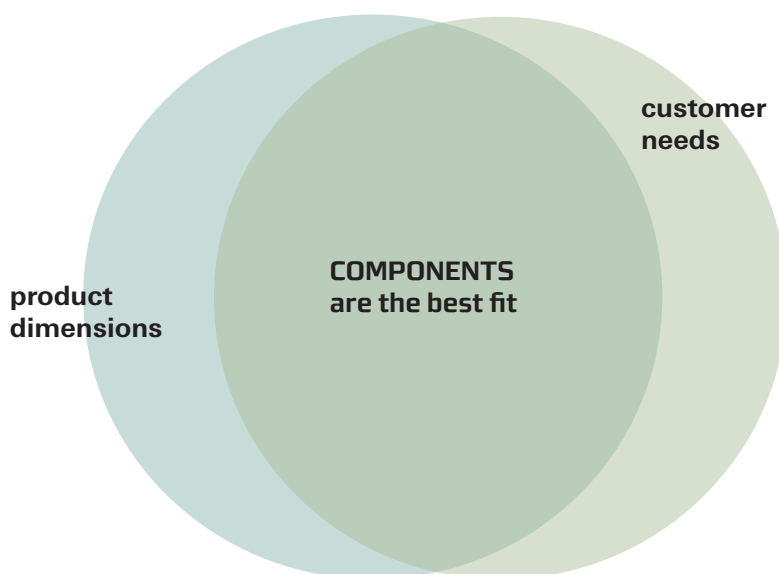
- | Significantly improved sorting
- | Sorted-to-Lengths
- | Additional thicknesses of
1.50" (38 mm) & 2.05" (52 mm)



Pollmeier COMPONENTS - 2nd generation - ready to use and available NOW!

We are introducing the next stage of evolution in the furniture industry and enabling our customers world-wide to produce quality beech products at **unbeatably low costs**.

As long as the dimensions fit, we outperform any competitor's product with a 90% probability.



The new features of the 2nd generation :

- Page 6 **Improved sorting** better recognition of natural attributes
- Page 9 **Sorted-to-Lengths** offering a preset range of lengths for more flexibility and less waste material
- Page 10 **Additional thicknesses** for a wider range of production possibilities

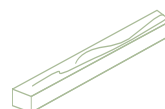




Sharp-edged, always cut after drying,
dimensionally stable and ready to laminate



Tangentially cut with an attractive
year ring structure



Calibrated to thickness
and pre-sanded surfaces



Perfectly **kiln-dried** and conditioned to
an even **moisture content** of 7-9 %



Lightly steamed to attain **most even
and consistent colour on the market**

Fast availability through high-bay storage facility

A state-of-the-art high-bay warehouse was built at our Aschaffenburg site, specifically designed for storing Pollmeier COMPONENTS. With a capacity of up to 21,000 pallets, there is no other in the sector offering a home to more than 500 dimensions.

This storage facility ensures fast availability, providing maximum flexibility to our customers.

And with this in mind, Pollmeier plans to expand its Creuzburg site with an additional high-bay warehouse for even better ease of availability.



Grading description AAA

Grading AAA | perfect colour

Clean front with occasional small defects on backside.

Approx. 90% of the COMPONENTS are clean, pin knots not determined as a defect.

Hence approx. 10% of the lamellas can have natural attributes as described on page 8.

Front



Back



Photos of samples for the visualisation of sorting requirements. Print and photo-related colour deviations (from the original) possible.

Grading description CCC

Grading CCC | colour no defect

Clean front with occasional small defects on backside.

Colour variations permissible on all sides, i.e. red heart, blue stains, mineral streaks.

Approx. 90% of the COMPONENTS are clean, colour and pin knots not determined as a defect.

Hence approx. 10% of the lamellas can have additional natural attributes as described on page 8.

Front



Back



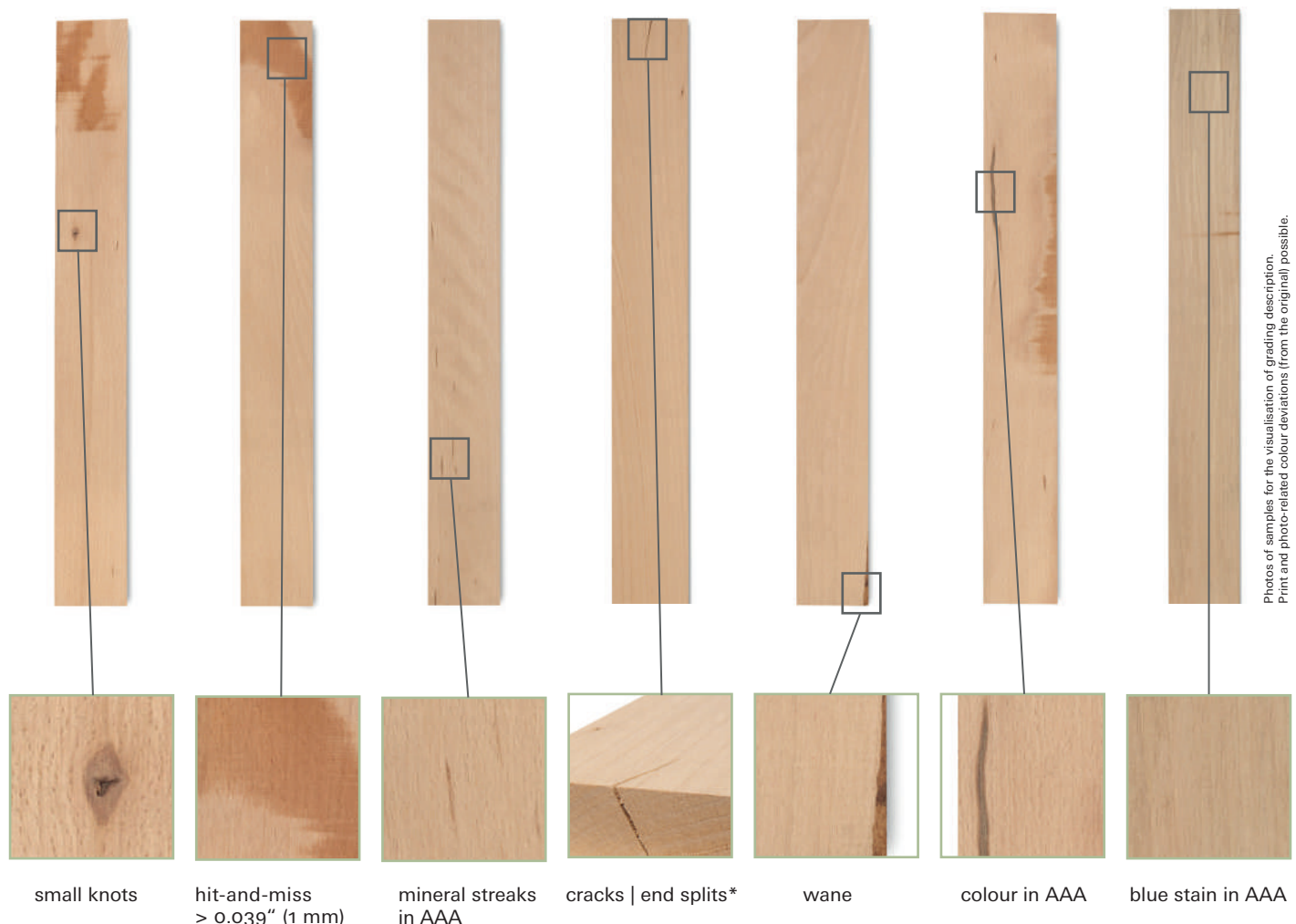
Natural attributes

Besides offering many aestically pleasing product characteristics, Pollmeier COMPONENTS is still a **natural product** and therefore lamellas may show attributes such as small knots and minor variations in colour and, of course, a visible year ring structure as to maintain its natural appearance. We do allow these attributes intentionally.

If customer prefer **fewer natural features**, additional trimming to achieve their desired aesthetic may be needed. If it is necessary, it is helpful to have use for shorter pieces.

Pollmeier COMPONENTS is already processed to a high quality (ready to use) but is still a natural product and therefore approx. 10% of lamellas have natural characteristics.

Possible natural attributes in Grading AAA & CCC lamellas



Even with the occurrence of natural attributes and over a larger order volumen, approx. 90 % of the 2nd generation COMPONENTS are clean and ready to use.

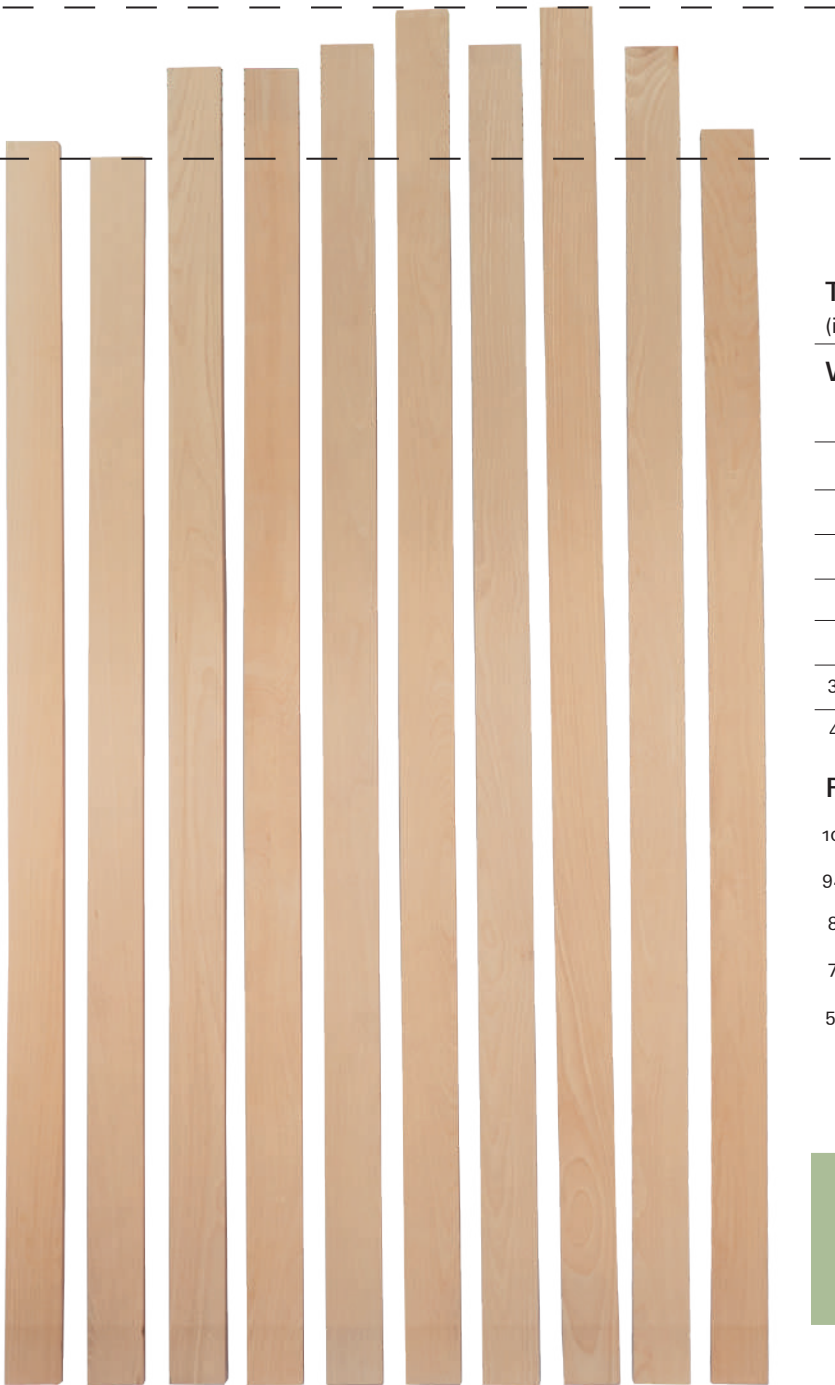
COMPONENTS are a great product when you know your lengths in advance.

If you need flexibility in length cutting COMPONENTS Sorted-to-Lengths is your best solution, as you can get the best of two worlds:

- a ready to use COMPONENT with all its product characteristics, and
- the flexibility of lumber.

With Sorted-to-Lengths you receive variable lengths within a defined range of lengths in one bundle.

COMPONENTS Sorted-to-Lengths | AAA
FRONT



Range of Lengths
within 11.77" (299 mm)

Thickness	0.94" 23.8mm	1.42" 36.0mm	1.91" 48.5mm
(invoiced as)	(1.02" 26mm)	(1.50" 38mm)	(2.05" 52mm)

Width			
1.65" (42mm)	X		
1.77" (45mm)	X	X	
1.92" (49mm)			X
2.12" (54mm)	X	X	
2.67" (68mm)	X	X	X
3.15" (80mm)	X	X	X
3.93" (100mm)	X	X	X
4.92" (125mm)	X	X	X

Range of lengths

- 106.34" - 118.11" (2.701 - 3.000mm)
- 94.53" - 106.30" (2.401 - 2.700mm)
- 82.72" - 94.49" (2.101 - 2.400mm)
- 70.91" - 82.67" (1.801 - 2.100mm)
- 59.09" - 70.87" (1.501 - 1.800mm)

NOW AVAILABLE.
ORDER YOUR TEST BUNDLE.
SALES@POLLMEIER.COM

The BACK according to grading description includes natruual attributes as described on page 6-7. Same for grading CCC.

Additional thicknesses

ALL NEW: COMPONENTS in 1.50" (38 mm) & 2.05" (52 mm) thickness - before surfacing

The well established Pollmeier COMPONENTS in 1.02" (26 mm) thickness has proven its cost advantages in the market, given that the dimensions fit.

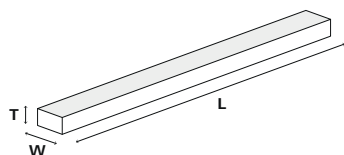
With the COMPONENTS 2nd generation we can now also **offer** our customers this ready to use product in 1.50" (38 mm) and 2.05" (52 mm) thickness - with the same product features as in 1.02" (26 mm) thickness.

The final thickness of the material after free of charge surfacing

- 0.94" | 23.8 mm (invoiced as 1.02" | 26 mm)
- 1.42" | 36.0 mm (invoiced as 1.50" | 38 mm)
- 1.91" | 48.5 mm (invoiced as 2.05" | 52 mm)

**Why does Pollmeier surface COMPONENTS?**

Rough lumber is often difficult to machine and many production workflows require a flat inbound material to allow further machining. Doing single moulding is costly and labour intensive, especially for short pieces. As a standard service to our customers, all our wood is surfaced.



All the below features are true to all three thickness categories.
For available dimensions in stock, see pages 12-14.

Solid Beech: Lightly steamed | Homogeneously dried to 7-9% KD
Calibrated thickness | Cut-to-size after kiln drying

Tolerances: Thickness: approx. $\pm 0.012''$ (0.3 mm) calibration tolerance
approx. $\leq 0.039''$ (1 mm) hit-and-miss tolerance
Width: approx. $\pm 0.02''$ (0.5 mm)
Length: approx. $\pm 0.012''$ linear ft

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.

**As long as the dimensions fit,
we outperform any competitor's product with a 90% probability.**

PRODUCT CHARACTERISTICS

- | Calibrated thickness
- | Sharp-edged & ready to laminate
- | Perfect moisture content and colour
- | Dimensionally stable
- | Ready to use



NEW FEATURES

- | Significantly improved sorting
- | Sorted-to-Lengths
- | Additional thicknesses



COST SAVINGS

- | | |
|--|---|
| Reduced waste by 40% | Easy to calculate & predictable |
| Reduced waste handling | No ripping, no cross cutting |
| Lower material cost by 15-35 % | Reduced production costs |
| With given capacity 25-30% more output | Lower transport, import & storage costs |

Pollmeier COMPONENTS - Your ultimate cost saver.



If you want to be one of the 90% contact us: sales@pollmeier.com
We will work with you to calculate your potential cost savings.

COMPONENTS // Solid Beech standard dimensions on stock
Thickness: 0.94" (Invoiced thickness: 1.02")

width \ length		1.65" (42 mm)		1.77" (45 mm)		2.12" (54 mm)		2.67" (68 mm)		3.15" (80 mm)		3.93" (100 mm)		4.92" (125 mm)	
		Pieces	Vol. [mbf]	Pieces	Vol. [mbf]	Pieces	Vol. [mbf]	Pieces	Vol. [mbf]	Pieces	Vol. [mbf]	Pieces	Vol. [mbf]	Pieces	Vol. [mbf]
COMPONENTS															
118.11" (3,000 mm) 108.26" (2,750 mm) 94.48" (2,400 mm) 88.58" (2,250 mm) 86.61" (2,200 mm) 82.67" (2,100 mm) 78.74" (2,000 mm)		1,000	1.36	960	1.40	800	1.40	640	1.41	560	1.45	440	1.42	320	1.29*
			1.24		1.28		1.28		1.29		1.33		1.30		1.18
			1.08		1.12		1.12		1.12		1.16		1.14		1.03
			1.01		1.05		1.05		1.05		1.09		1.07		0.97
			0.99		1.02		1.02		1.03		1.06		1.04		0.95
			0.95		0.98		0.98		0.98		1.01		0.99		0.90
			0.90		0.93		0.93		0.94		0.97		0.95		0.86
74.80" (1,900 mm) 70.86" (1,800 mm) 62.99" (1,600 mm) 59.05" (1,500 mm) 55.11" (1,400 mm) 51.18" (1,300 mm) 47.24" (1,200 mm)		1,040	0.89	960	0.92	800	0.89	640	0.89	560	0.92	440	0.90	320	0.82
			0.85		0.87		0.84		0.84		0.87		0.85		0.78
			0.75		0.78		0.74		0.75		0.77		0.76		0.69
			0.71		0.73		0.72		0.70		0.72		0.71		0.65
			0.66		0.68		0.70		0.66		0.68		0.66		0.60
			0.61		0.63		0.60		0.61		0.63		0.62		0.56
			0.56		0.58		0.56		0.56		0.58		0.57		0.52
39.37" (1,000 mm) 35.43" (900 mm) 31.49" (800 mm) 29.52" (750 mm) 27.55" (700 mm) 25.59" (650 mm) 23.62" (600 mm)		1,000	0.47	1,000	0.48	800	0.47	640	0.47	560	0.48	440	0.47	320	0.43
			0.42		0.44		0.42		0.42		0.43		0.43		0.39
			0.38		0.39		0.37		0.38		0.39		0.38		0.34
			0.35		0.36		0.35		0.35		0.36		0.36		0.32
			0.33		0.34		0.32		0.33		0.34		0.33		0.30
			0.31		0.32		0.30		0.30		0.31		0.31		0.28
			0.29		0.29		0.28		0.28		0.29		0.28		0.26
21.65" (550 mm) 19.68" (500 mm) 17.71" (450 mm) 15.74" (400 mm) 13.77" (350 mm) 11.81" (300 mm) 9.84" (250 mm)		2,080	0.52	2,000	0.27	1,600	0.51	1,280	0.52	1,120	0.53	880	0.52	640	0.47
			0.47		0.24		0.47		0.47		0.48		0.47		0.43
			0.42		0.22		0.42		0.42		0.43		0.43		0.39
			0.38		0.39		0.37		0.38		0.39		0.38		0.34
			0.33		0.34		0.33		0.33		0.34		0.33		0.30
			0.42		0.44		0.42		0.42		0.43		0.43		0.39
			0.35		0.36		0.35		0.35		0.36		0.36		0.32
7.87" (200 mm) 5.91" (150 mm)		4,160 5,200	0.38 0.35	4,000 5,000	0.39 0.36	3,200 4,000	0.37 3.35	2,560 3,200	0.38 0.35	2,240 2,800	0.39 0.36	1,760 2,200	0.38 0.36	1,280 1,600	0.34 0.32
			COMPONENTS SORTED-TO-LENGTHS												
106.34" - 118.11" (2,701 - 3,000 mm) 94.53" - 106.30" (2,401 - 2,700 mm) 82.72" - 94.49" (2,101 - 2,400 mm) 70.91" - 82.67" (1,801 - 2,100 mm) 59.09" - 70.87" (1,501 - 1,800 mm)		1,000	1.29	960	1.33	800	1.33	600	1.34	560	1.38	440	1.35	320	1.23
			1.15		1.19		1.19		1.20		1.23		1.21		1.10
			1.02		1.05		1.05		1.05		1.09		1.07		0.97
			0.88		0.91		0.91		0.91		0.94		0.92		0.84
			0.75		0.80		0.77		0.77		0.80		0.78		0.71

* Available only in grading CCC.
Customized lengths are available upon request for orders
of 7.6 mbf volume or more per dimension.

COMPONENTS // Solid Beech standard dimensions on stock
Thickness: 1.42" (Invoiced thickness: 1.50")

length \ width		1.77" (45 mm)		2.12" (54 mm)		2.67" (68 mm)		3.15" (80 mm)		3.93" (100 mm)		4.92" (125 mm)	
		Pieces	Vol. [m³]	Pieces	Vol. [m³]	Pieces	Vol. [m³]	Pieces	Vol. [m³]	Pieces	Vol. [m³]	Pieces	Vol. [m³]
COMPONENTS													
	118.11" (3,000 mm)	672	1.46	560	1.46	448	1.48	392	1.52	280	1.34	224	1.36*
	108.26" (2,750 mm)		1.34		1.34		1.35		1.39		1.24		1.24
	94.48" (2,400 mm)		1.17		1.17		1.18		1.22		1.09		1.09
	88.58" (2,250 mm)		1.10		1.10		1.11		1.14		1.02		1.02
	86.61" (2,200 mm)		1.07		1.07		1.08		1.11		0.99		0.99
	82.67" (2,100 mm)		1.03		1.03		1.03		1.06		0.95		0.95
	78.74" (2,000 mm)		0.98		0.98		0.98		1.01		0.90		0.90
	74.80" (1,900 mm)		0.93		0.93		0.94		0.96		0.86		0.86
	70.86" (1,800 mm)		0.88		0.88		0.89		0.91		0.81		0.81
	62.99" (1,600 mm)		0.78		0.78		0.79		0.81		0.72		0.72
	59.05" (1,500 mm)		0.73		0.73		0.74		0.76		0.68		0.68
	55.11" (1,400 mm)		0.68		0.68		0.69		0.71		0.63		0.63
	51.18" (1,300 mm)		0.64		0.64		0.64		0.66		0.59		0.59
	47.24" (1,200 mm)		0.59		0.59		0.59		0.61		0.54		0.54
	39.37" (1,000 mm)		0.49		0.49		0.49		0.51		0.45		0.45
	35.43" (900 mm)		0.44		0.44		0.44		0.46		0.41		0.41
	31.49" (800 mm)		0.39		0.39		0.39		0.41		0.36		0.36
	29.52" (750 mm)		0.37		0.37		0.37		0.38		0.34		0.34
	27.55" (700 mm)		0.34		0.34		0.34		0.35		0.32		0.32
	25.59" (650 mm)		0.32		0.32		0.32		0.33		0.29		0.29
	23.62" (600 mm)		0.29		0.29		0.30		0.30		0.27		0.27
	21.65" (550 mm)	0.54	0.54	0.54	0.56	0.50	0.50						
	19.68" (500 mm)	0.49	0.49	0.49	0.51	0.45	0.45						
	17.71" (450 mm)	0.44	0.44	0.44	0.46	0.41	0.41						
	15.74" (400 mm)	0.39	0.39	0.39	0.41	0.36	0.36						
	13.77" (350 mm)	0.34	0.34	0.34	0.35	0.32	0.32						
	11.81" (300 mm)	0.44	0.44	0.44	0.46	0.41	0.41						
	9.84" (250 mm)	0.37	0.37	1,344	0.38	840	0.34	672	0.34				
	7.87" (200 mm)	2,688	0.39	2,240	0.39	1,792	0.36	1,120	0.36				
	5.91" (150 mm)	3,360	0.37	2,800	0.37	2,240	0.38	1,400	0.34				

COMPONENTS SORTED-TO-LENGTHS

106.34" - 118.11" (2,701 - 3,000 mm)	1.36	1.36	1.37	1.41	1.38	1.26
94.53" - 106.30" (2,401 - 2,700 mm)	1.21	1.21	1.22	1.26	1.24	1.12
82.72" - 94.49" (2,101 - 2,400 mm)	1.07	1.07	1.08	1.11	1.09	0.99
70.91" - 82.67" (1,801 - 2,100 mm)	0.93	0.93	0.94	0.96	0.95	0.86
59.09" - 70.87" (1,501 - 1,800 mm)	0.79	0.79	0.79	0.82	0.80	0.73

* Available only in grading CCC.
Customized lengths are available upon request for orders
of 7.6 mbf volume or more per dimension.

COMPONENTS // Solid Beech standard dimensions on stock
Thickness: 1.91" (Invoiced thickness: 2.05")

length \ width		1.92" (49 mm)		2.67" (68 mm)		3.15" (80 mm)		3.93" (100 mm)		4.92" (125 mm)	
		Pieces	Vol. [mbf]	Pieces	Vol. [mbf]	Pieces	Vol. [mbf]	Pieces	Vol. [mbf]	Pieces	Vol. [mbf]
COMPONENTS											
118.11" (3,000 mm)			1.39		1.41		1.45		1.29		1.29*
108.26" (2,750 mm)			1.28		1.29		1.33		1.18		1.18
94.48" (2,400 mm)			1.11		1.12		1.16		1.03		1.03
88.58" (2,250 mm)			1.05		1.05		1.09		0.97		0.97
86.61" (2,200 mm)			1.02		1.03		1.06		0.95		0.95
82.67" (2,100 mm)			0.98		0.98		1.01		0.90		0.90
78.74" (2,000 mm)			0.93		0.94		0.97		0.86		0.86
74.80" (1,900 mm)			0.88		0.89		0.92		0.82		0.82
70.86" (1,800 mm)			0.84		0.84		0.87		0.78		0.78
62.99" (1,600 mm)			0.74		0.75		0.77		0.69		0.69
59.05" (1,500 mm)	440		0.70	320	0.70	280	0.72	200	0.65	160	0.65
55.11" (1,400 mm)			0.65		0.66		0.68		0.60		0.60
51.18" (1,300 mm)			0.60		0.61		0.63		0.56		0.56
47.24" (1,200 mm)			0.56		0.56		0.58		0.52		0.52
39.37" (1,000 mm)			0.46		0.47		0.48		0.43		0.43
35.43" (900 mm)			0.42		0.42		0.43		0.39		0.39
31.49" (800 mm)			0.37		0.38		0.39		0.34		0.34
29.52" (750 mm)			0.35		0.35		0.36		0.32		0.32
27.55" (700 mm)			0.33		0.33		0.34		0.30		0.30
25.59" (650 mm)			0.30		0.30		0.31		0.28		0.28
23.62" (600 mm)			0.28		0.28		0.29		0.26		0.26
21.65" (550 mm)			0.51		0.52		0.53		0.47		0.47
19.68" (500 mm)			0.46		0.47		0.48		0.43		0.43
17.71" (450 mm)	880		0.42	640	0.42	560	0.43	400	0.39	320	0.39
15.74" (400 mm)			0.37		0.38		0.47		0.34		0.34
13.77" (350 mm)			0.33		0.33		0.34		0.30		0.30
11.81" (300 mm)	1,320		0.42	960	0.42	840	0.43	600	0.39	480	0.39
9.84" (250 mm)			0.35		0.35		0.36		0.32		0.32
7.87" (200 mm)	1,760		0.37	1,280	0.38	1,120	0.39	800	0.34	640	0.34
5.91" (150 mm)	2,200		0.35	1,600	0.35	1,400	0.36	1,000	0.32	800	0.32

COMPONENTS SORTED-TO-LENGTHS

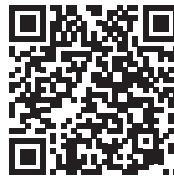
106.34" - 118.11" (2,701 - 3,000 mm)		1.32	1.34		1.38		1.23		1.23		1.23
94.53" - 106.30" (2,401 - 2,700 mm)		1.18	1.20		1.23		1.10		1.10		1.10
82.72" - 94.49" (2,101 - 2,400 mm)	440	1.05	1.05	320	1.09	280	1.09	200	0.97	224	0.97
70.91" - 82.67" (1,801 - 2,100 mm)		0.91	0.91		0.94		0.84		0.84		0.84
59.09" - 70.87" (1,501 - 1,800 mm)		0.77	0.77		0.80		0.71		0.71		0.73

* Available only in grading CCC.
Customized lengths are available upon request for orders
of 7.6 mbf volume or more per dimension.

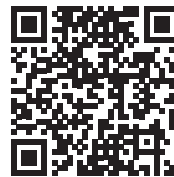
Want to know more: Check the below QR codes to get even further information.



COMPONENTS // Solid Beech
Europe's largest cut-to-size hardwood mill in Aschaffenburg



Ralf Pollmeier:
"We can produce COMPONENTS cheaper than lumber."



**The true price of unedged hardwood lumber and
the advantages of buying Pollmeier COMPONENTS instead**





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

To place your test order or to request your free samples, contact us. We are happy to support you in reducing your material costs.

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Our products are certified according to PEFC.



FSC certification available upon request.

Pollmeier – Your trusted partner for high-quality

Lumber

COMPONENTS

Spruce LVL

BauBuche