

 Pollmeier

**COMPONENTS**

**2<sup>nd</sup> generation**

*ready to use solid beech*

## **NEW FEATURES**

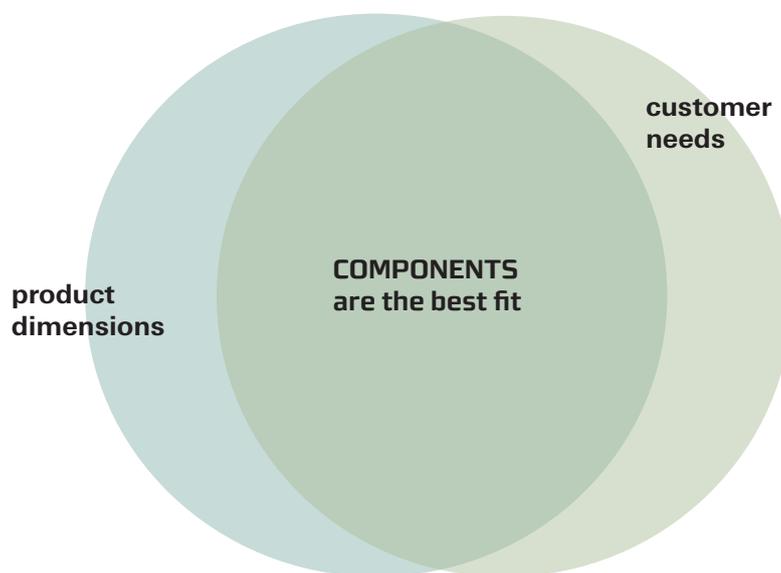
- | **Significantly improved sorting**
- | **Sorted-to-Lengths**
- | **Additional thicknesses of  
1.50" (38 mm) & 2.05" (52 mm)**



## Pollmeier COMPONENTS - 2<sup>nd</sup> 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.**



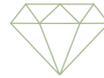
### The new features of the 2<sup>nd</sup> generation :

- 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 %



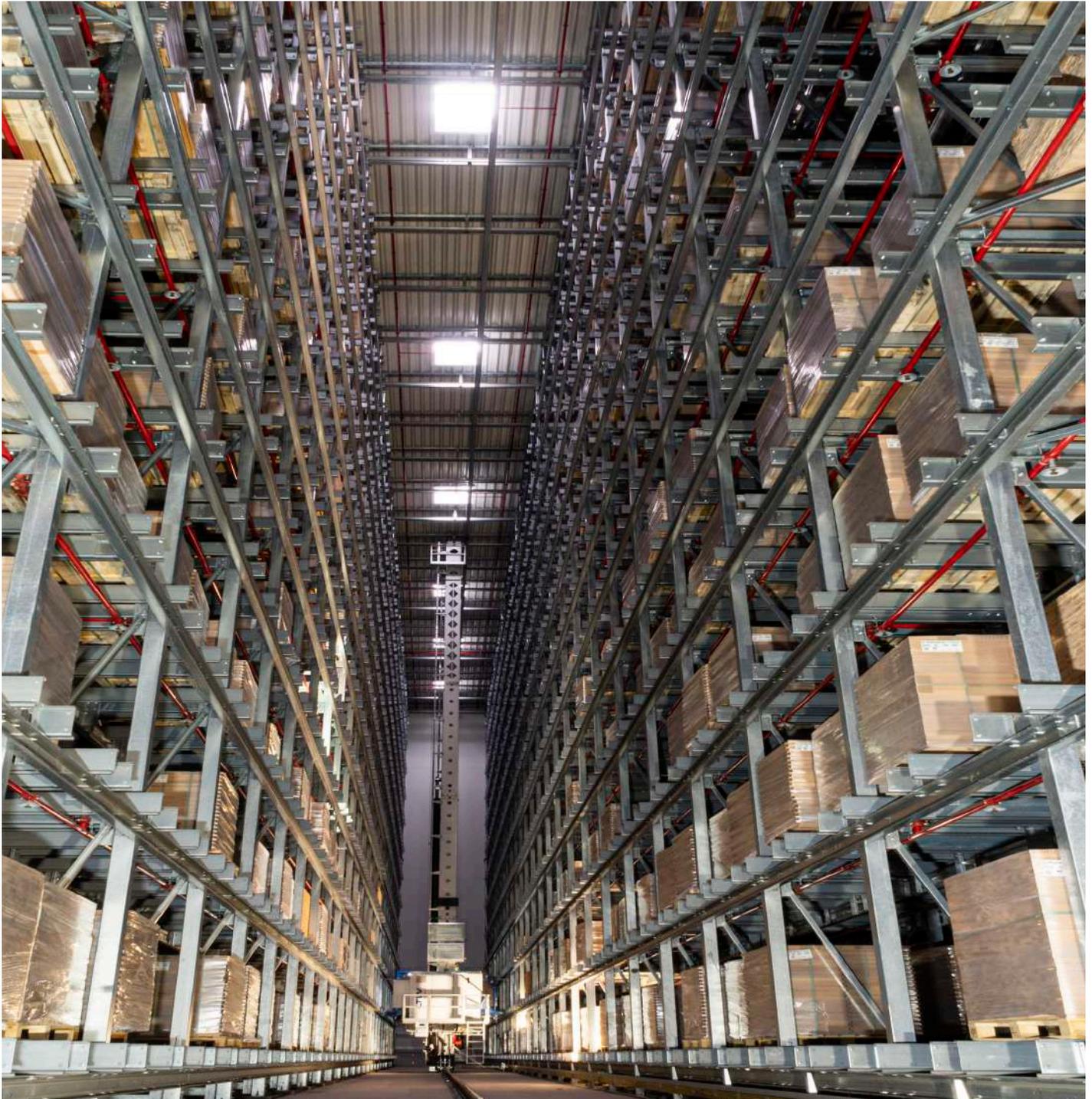
Lightly steamed to attain **most even  
and consistent colour on the market**

## 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 Kreuzburg 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



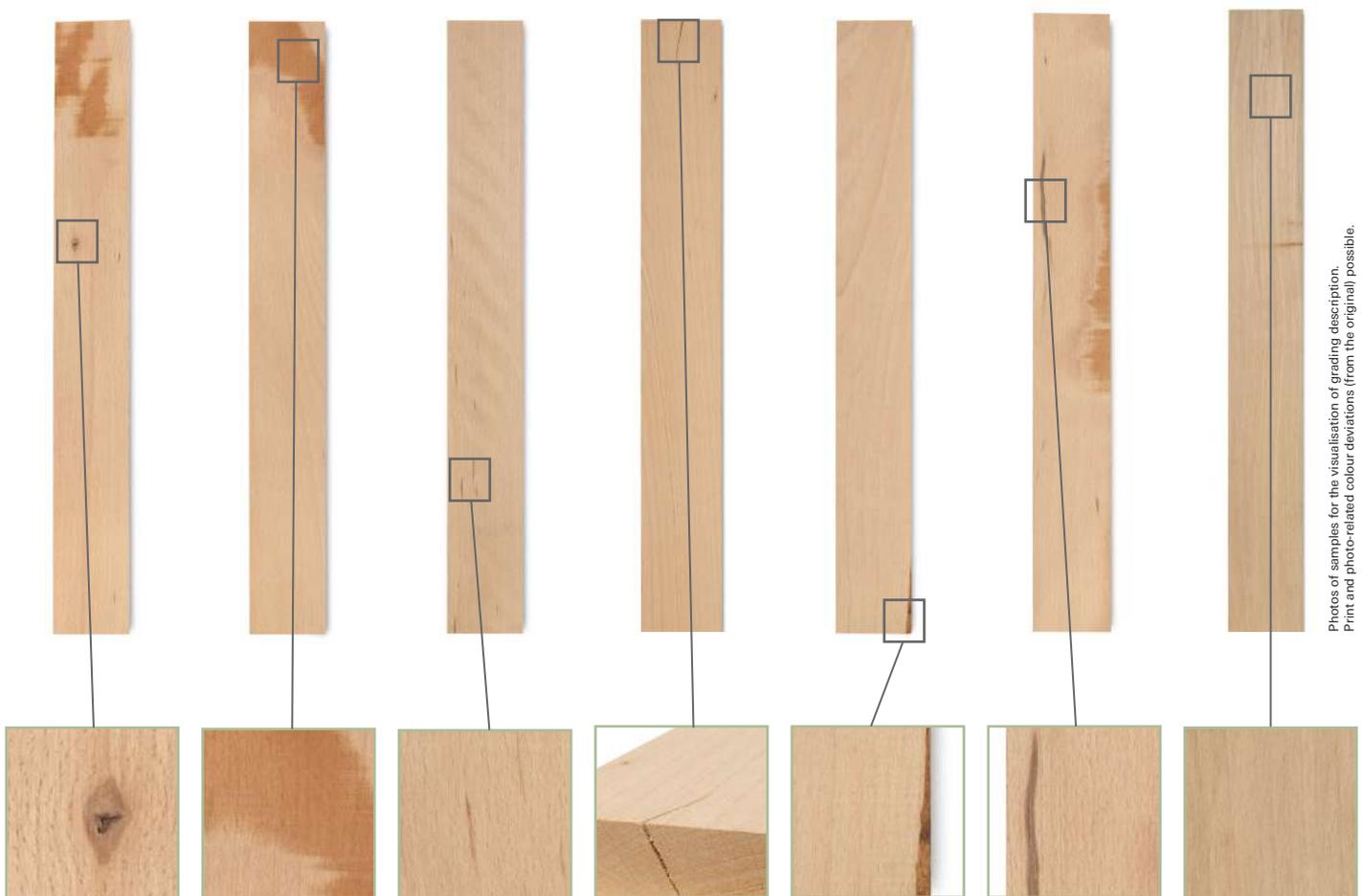
Natural attributes

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



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

small knots

hit-and-miss > 0.039" (1 mm)

mineral streaks in AAA

cracks | end splits\*

wane

colour in AAA

blue stain in AAA

**Even with the occurrence of natural attributes and over a larger order volumen, approx. 90 % of the 2<sup>nd</sup> 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)

<b>Thickness</b> (invoiced as)	0.94"   23.8mm (1.02"   26mm)	1.42"   36.0mm (1.50"   38mm)	1.91"   48.5mm (2.05"   52mm)
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<b>Width</b>			
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 natural 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.

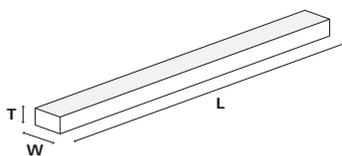
With the COMPONENTS 2<sup>nd</sup> generation we can now also **offer** our customers this ready to use product in 1.50" (38 mm) and 2.05" (52 mm) thickness - with the same product features as in 1.02" (26 mm) thickness.

**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%
- | Reduced waste handling
- | Lower material cost by 15-35 %
- | With given capacity 25-30% more output
- | Easy to calculate & predictable
- | No ripping, no cross cutting
- | Reduced production costs
- | 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](mailto: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]								
118.11" (3,000 mm)	1,36	1.40	1,40	1.41	1,40	1.41	1,45	1.42	1,42	1.29*	1,42	1.30	1,18	1,29*
106.26" (2,750 mm)	1,24	1.28	1,28	1.29	1,28	1.29	1,33	1.30	1,30	1,33	1.30	1,33	1,30	1,33
94.48" (2,400 mm)	1,08	1.12	1,12	1.12	1,12	1.12	1,16	1.14	1,16	1,16	1.14	1,16	1,16	1,16
88.58" (2,250 mm)	1,01	1.05	1,05	1.05	800	1.05	640	1.07	640	560	1.07	440	320	0,97
86.61" (2,200 mm)	0,99	1.02	1,02	1.03	800	1.03	640	1.04	640	560	1.04	440	320	0,95
82.67" (2,100 mm)	0,95	0,98	0,98	0,98	800	0,98	640	0,99	640	560	0,99	440	320	0,90
78.74" (2,000 mm)	0,90	0,93	0,93	0,94	800	0,94	640	0,95	640	560	0,95	440	320	0,86
74.80" (1,900 mm)	0,89	0,92	0,92	0,89	800	0,89	640	0,90	640	560	0,90	440	320	0,82
70.86" (1,800 mm)	0,85	0,87	0,87	0,84	800	0,84	640	0,85	640	560	0,85	440	320	0,78
62.99" (1,600 mm)	0,75	0,78	0,78	0,75	800	0,75	640	0,76	640	560	0,76	440	320	0,69
59.06" (1,500 mm)	0,71	0,73	0,73	0,70	800	0,70	640	0,71	640	560	0,71	440	320	0,65
55.11" (1,400 mm)	0,66	0,68	0,68	0,66	800	0,66	640	0,66	640	560	0,66	440	320	0,60
51.18" (1,300 mm)	0,61	0,63	0,63	0,61	800	0,61	640	0,62	640	560	0,62	440	320	0,56
47.24" (1,200 mm)	0,56	0,58	0,58	0,56	800	0,56	640	0,57	640	560	0,57	440	320	0,52
39.37" (1,000 mm)	0,47	0,48	0,48	0,47	1,000	0,47	800	0,48	800	700	0,47	500	350	0,43
35.43" (900 mm)	0,42	0,44	0,44	0,42	1,000	0,42	800	0,43	800	700	0,42	500	350	0,39
31.49" (800 mm)	0,38	0,39	0,39	0,37	1,000	0,37	800	0,38	800	700	0,37	500	350	0,34
29.52" (750 mm)	0,35	0,36	0,36	0,35	1,000	0,35	800	0,36	800	700	0,35	500	350	0,32
27.55" (700 mm)	0,33	0,34	0,34	0,32	1,000	0,32	800	0,33	800	700	0,32	500	350	0,30
25.59" (650 mm)	0,31	0,32	0,32	0,30	1,000	0,30	800	0,31	800	700	0,30	500	350	0,28
23.62" (600 mm)	0,29	0,29	0,29	0,28	1,000	0,28	800	0,29	800	700	0,28	500	350	0,26
21.65" (550 mm)	0,27	0,27	0,27	0,26	1,000	0,26	800	0,27	800	700	0,26	500	350	0,24
19.68" (500 mm)	0,24	0,24	0,24	0,24	1,000	0,24	800	0,24	800	700	0,24	500	350	0,22
17.71" (450 mm)	0,22	0,22	0,22	0,22	1,600	0,22	1,600	0,22	1,600	1,400	0,22	1,000	800	0,20
15.74" (400 mm)	0,38	0,39	0,39	0,38	2,000	0,38	1,600	0,38	1,600	1,400	0,38	1,000	800	0,34
13.77" (350 mm)	0,33	0,34	0,34	0,33	2,000	0,33	1,600	0,33	1,600	1,400	0,33	1,000	800	0,30
11.81" (300 mm)	0,42	0,44	0,44	0,42	3,000	0,42	2,400	0,42	2,400	2,000	0,42	1,600	1,200	0,39
9.84" (250 mm)	0,35	0,36	0,36	0,35	4,000	0,35	3,200	0,35	3,200	2,800	0,35	2,200	1,760	0,32
7.87" (200 mm)	0,38	0,39	0,39	0,38	4,000	0,38	3,200	0,38	3,200	2,800	0,38	2,200	1,760	0,34
5.91" (150 mm)	0,35	0,36	0,36	0,35	5,000	0,35	4,000	0,35	4,000	3,500	0,35	2,800	2,200	0,32

**COMPONENTS SORTED-TO-LENGTHS**

106.34" - 118.11" (2,701 - 3,000 mm)	1,29	1,33	1,33	1,34	1,33	1,34	1,38	1,35	1,35	1,38	1,35	1,35	1,35	1,23
94.53" - 106.30" (2,401 - 2,700 mm)	1,15	1,19	1,19	1,20	1,19	1,20	1,23	1,21	1,21	1,23	1,21	1,21	1,21	1,10
82.72" - 94.49" (2,101 - 2,400 mm)	1,02	1,05	1,05	1,05	800	1,05	600	600	600	560	600	440	320	0,97
70.91" - 82.67" (1,801 - 2,100 mm)	0,88	0,91	0,91	0,91	800	0,91	600	600	600	560	600	440	320	0,84
59.09" - 70.87" (1,501 - 1,800 mm)	0,75	0,80	0,80	0,77	800	0,77	600	600	600	560	600	440	320	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	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]						
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		0.88		0.91		0.81		0.81
62.99" (1,600 mm)		0.78		0.78	448	0.79		0.81		0.72		0.72
59.05" (1,500 mm)	672	0.73	560	0.73		0.74	392	0.76	280	0.68	224	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)	1,344	0.44	1,120	0.44	896	0.44	784	0.46	560	0.41	448	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)	2,016	0.37	1,680	0.37	1,344	0.37	1,176	0.38	840	0.34	672	0.34
7.87" (200 mm)	2,688	0.39	2,240	0.39	1,792	0.39	1,568	0.41	1,120	0.36	896	0.36
5.91" (150 mm)	3,360	0.37	2,800	0.37	2,240	0.37	1,960	0.38	1,400	0.34	1,120	0.34

COMPONENTS SORTED-TO-LENGTHS

106.34" - 118.11" (2,701 - 3,000 mm)	1,36	1.36	1,37	1.37	1,41	1.41	1,41	1.41	1,38	1.38	1,26	1.26
94.53" - 106.30" (2,401 - 2,700 mm)	1,21	1.21	1,22	1.22	1,26	1.26	1,26	1.26	1,24	1.24	1,12	1.12
82.72" - 94.49" (2,101 - 2,400 mm)	672	1.07	560	1.07	448	1.08	392	1.11	308	1.09	224	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")**

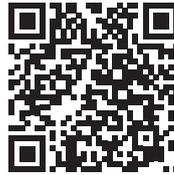
length	1.92" (49 mm)		2.67" (68 mm)		3.15" (80 mm)		3.93" (100 mm)		4.92" (125 mm)	
	Pieces	Vol. [mbf]	Pieces	Vol. [mbf]	Pieces	Vol. [mbf]	Pieces	Vol. [mbf]	Pieces	Vol. [mbf]
<b>COMPONENTS</b>										
118.11" (3,000 mm)		1.39		1.41		1.45		1.29		1.29*
108.26" (2,750 mm)		1.28		1.29		1.33		1.18		1.18
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
<b>COMPONENTS SORTED-TO-LENGTHS</b>										
106.34" - 118.11" (2,701 - 3,000 mm)		1.32		1.34		1.38		1.23		1.23
94.53" - 106.30" (2,401 - 2,700 mm)		1.18		1.20		1.23		1.10		1.10
82.72" - 94.49" (2,101 - 2,400 mm)	440	1.05	320	1.05	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
59.09" - 70.87" (1,501 - 1,800 mm)		0.77		0.77		0.80		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.

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