



Dimensions of single-span glulam beams - cross section table w/h (cm)

L (m) q (kN/m)	3		3.5		4		4.5		5		5.5		6		7		8		9		10		12	
	w	h	w	h	w	h	w	h	w	h	w	h	w	h	w	h	w	h	w	h	w	h	w	h
1.0	8.0	12.0	8.0	12.0	10.0	14.0	10.0	16.0	10.0	18.0	10.0	20.0	12.0	20.0	12.0	24.0	14.0	26.0	14.0	28.0	14.0	32.0	16.0	36.0
1.5	8.0	14.0	8.0	16.0	10.0	16.0	10.0	20.0	10.0	20.0	12.0	20.0	12.0	24.0	12.0	28.0	14.0	28.0	14.0	32.0	14.0	36.0	16.0	40.0
2.0	8.0	14.0	10.0	16.0	10.0	18.0	10.0	20.0	10.0	24.0	12.0	24.0	12.0	24.0	12.0	28.0	14.0	32.0	14.0	36.0	14.0	40.0	16.0	44.0
2.5	8.0	16.0	10.0	16.0	10.0	20.0	12.0	20.0	10.0	24.0	12.0	24.0	12.0	28.0	12.0	32.0	14.0	36.0	14.0	40.0	16.0	40.0	16.0	48.0
3.0	8.0	16.0	10.0	20.0	10.0	20.0	12.0	24.0	12.0	24.0	12.0	28.0	12.0	28.0	12.0	32.0	14.0	36.0	14.0	40.0	16.0	44.0	16.0	52.0
3.5	10.0	16.0	10.0	20.0	10.0	24.0	12.0	24.0	12.0	24.0	12.0	28.0	12.0	32.0	14.0	32.0	14.0	40.0	14.0	44.0	16.0	44.0	16.0	52.0
4.0	10.0	16.0	10.0	20.0	10.0	24.0	12.0	24.0	12.0	28.0	12.0	28.0	12.0	32.0	14.0	36.0	14.0	40.0	14.0	44.0	16.0	48.0	16.0	56.0
4.5	10.0	20.0	10.0	20.0	10.0	24.0	12.0	24.0	12.0	28.0	12.0	32.0	12.0	32.0	14.0	36.0	14.0	40.0	14.0	48.0	16.0	48.0	16.0	60.0
5.0	10.0	20.0	10.0	24.0	12.0	24.0	12.0	28.0	12.0	28.0	12.0	32.0	14.0	32.0	14.0	40.0	16.0	40.0	14.0	48.0	16.0	52.0	16.0	60.0
5.5	10.0	20.0	10.0	24.0	12.0	24.0	12.0	28.0	12.0	28.0	12.0	32.0	14.0	32.0	14.0	40.0	16.0	44.0	16.0	48.0	16.0	52.0	16.0	64.0
6.0	10.0	20.0	10.0	24.0	12.0	24.0	12.0	28.0	12.0	32.0	14.0	32.0	14.0	36.0	14.0	40.0	16.0	44.0	16.0	48.0	16.0	56.0	16.0	64.0
6.5	12.0	20.0	12.0	24.0	12.0	28.0	12.0	28.0	14.0	32.0	14.0	32.0	14.0	36.0	14.0	40.0	16.0	44.0	16.0	52.0	16.0	56.0	16.0	68.0
7.0	12.0	20.0	12.0	24.0	12.0	28.0	12.0	32.0	14.0	32.0	14.0	32.0	14.0	36.0	16.0	40.0	16.0	48.0	16.0	52.0	16.0	56.0	16.0	68.0
7.5	12.0	20.0	12.0	24.0	12.0	28.0	12.0	32.0	14.0	32.0	14.0	36.0	14.0	40.0	16.0	40.0	16.0	48.0	16.0	52.0	16.0	60.0	16.0	68.0
8.0	12.0	24.0	12.0	24.0	12.0	28.0	12.0	32.0	14.0	32.0	14.0	36.0	14.0	40.0	16.0	44.0	16.0	48.0	16.0	56.0	16.0	60.0	16.0	72.0
8.5	12.0	24.0	12.0	28.0	12.0	28.0	12.0	32.0	14.0	32.0	14.0	36.0	14.0	40.0	16.0	44.0	16.0	52.0	16.0	56.0	16.0	64.0	16.0	72.0
9.0	12.0	24.0	12.0	28.0	12.0	32.0	14.0	32.0	14.0	32.0	14.0	40.0	14.0	40.0	16.0	44.0	16.0	52.0	16.0	56.0	16.0	64.0	20.0	72.0
9.5	12.0	24.0	12.0	28.0	12.0	32.0	14.0	32.0	14.0	32.0	14.0	40.0	16.0	40.0	16.0	44.0	16.0	52.0	16.0	60.0	16.0	64.0	20.0	72.0
10.0	12.0	24.0	12.0	28.0	14.0	32.0	14.0	32.0	14.0	32.0	14.0	40.0	16.0	40.0	16.0	48.0	16.0	56.0	16.0	60.0	20.0	64.0	20.0	72.0
11.0	12.0	24.0	12.0	28.0	14.0	32.0	14.0	36.0	14.0	36.0	14.0	44.0	16.0	44.0	16.0	48.0	16.0	56.0	16.0	64.0	20.0	64.0	20.0	76.0
12.0	12.0	28.0	12.0	32.0	14.0	32.0	14.0	36.0	14.0	36.0	14.0	44.0	16.0	44.0	16.0	52.0	16.0	60.0	16.0	64.0	20.0	64.0	20.0	80.0
13.0	12.0	28.0	14.0	32.0	14.0	32.0	14.0	36.0	14.0	36.0	14.0	44.0	16.0	48.0	16.0	52.0	16.0	60.0	16.0	64.0	20.0	68.0	20.0	80.0
14.0	12.0	28.0	14.0	32.0	14.0	36.0	14.0	40.0	16.0	40.0	16.0	44.0	16.0	48.0	16.0	56.0	16.0	64.0	20.0	64.0	20.0	72.0	20.0	84.0
15.0	12.0	28.0	14.0	32.0	14.0	36.0	14.0	40.0	16.0	40.0	16.0	44.0	16.0	48.0	16.0	56.0	16.0	64.0	20.0	68.0	20.0	72.0	20.0	88.0
16.0	14.0	28.0	14.0	32.0	14.0	36.0	14.0	40.0	16.0	40.0	16.0	48.0	16.0	52.0	16.0	58.0	16.0	68.0	20.0	68.0	20.0	76.0	20.0	92.0
17.0	14.0	28.0	14.0	32.0	14.0	40.0	16.0	40.0	16.0	40.0	16.0	48.0	16.0	52.0	16.0	62.0	16.0	68.0	20.0	72.0	20.0	76.0	20.0	92.0
18.0	14.0	28.0	14.0	36.0	14.0	40.0	16.0	40.0	16.0	40.0	16.0	52.0	16.0	56.0	16.0	62.0	16.0	72.0	20.0	72.0	20.0	80.0	20.0	96.0
19.0	14.0	32.0	14.0	36.0	14.0	40.0	16.0	44.0	16.0	44.0	16.0	52.0	16.0	56.0	16.0	66.0	16.0	72.0	20.0	76.0	20.0	84.0	20.0	100.0
20.0	14.0	32.0	14.0	36.0	14.0	40.0	16.0	44.0	16.0	44.0	16.0	52.0	16.0	56.0	16.0	66.0	16.0	76.0	20.0	76.0	20.0	84.0	20.0	100.0

This table is just for information, it does not compensate the static calculation. Dimensions to DIN 1052 April 1988 Glulam GK II - Deflection L/200-L/300