

Connectors 88445.1000



Technical data

Dimensions W x H x D (mm)	120 x 445 x 20
Number of screws	36
Usable screw size	Ø8 x 100 - 240 mm
Characteristic load-bearing capacity* in the insertion direction with screws Ø8x160mm	176,01 kN
Minimum timber dimensions with screws Ø8x160mm on the main beam	170 x 470 mm
Characteristic load-bearing capacity* in the insertion direction with screws Ø8x240mm	254,53 kN
Minimum timber dimensions with screws Ø8x160mm on the secondary beam	140 x 470 mm
VPE	4

* Further static values can be found in our statics book or the ETA .

** Steel failure decisive Values in brackets for service class 3* Further static values can be found in our structural analysis book or the ETA .

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Static values

Effektive Gewindelänge ($\varnothing_{ef}$)		Mindestquerschnitt (mm)				Charakteristische Tragfähigkeit Rk (kN)				
						Brettschichtholz GL24h ($\varnothing_k = 385 \text{ kg/m}^3$)				
		HT		NT		NT		HT		
Schrauben	$\varnothing_{ef}$ (mm)	Höhe	Breite	Höhe	Breite	$F_{2,Rk}$	$F_{3,Rk}$	$F_{4,Rk}$	$F_{4,Rk}$	$F_{1,Rk}$
8x160 mm	150 mm	470	160	470	140	176,01	36,40	60,92	96,33	52,15
8x180 mm	170 mm	500	180	500	140	196,99	36,40	60,92	96,33	58,37
8x200 mm	190 mm	530	200	530	140	217,73	36,40	60,92	96,33	64,52
8x220 mm	210 mm	560	220	560	140	238,26	36,40	60,92	96,33	70,60
8x240 mm	230 mm	590	240	590	140	254,53	36,40	60,92	96,33	75,42

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