

Connectors 88455.1000



Technical data

Dimensions W x H x D (mm)	120 x 550 x 20
Number of screws	44
Usable screw size	Ø8 x 100 - 240 mm
Characteristic load-bearing capacity* in the insertion direction with screws Ø8x160mm	226,29 kN
Minimum timber dimensions with screws Ø8x160mm on the main beam	170 x 570 mm
Characteristic load-bearing capacity* in the insertion direction with screws Ø8x240mm	327,26 kN
Minimum timber dimensions with screws Ø8x160mm on the secondary beam	140 x 570 mm
VPE	4

The new disposed inclined drilled holes as well as the possibility of using different screws lengths guarantee the adaptability to the small timber cross-sections too.

* 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 (l_{ef})		Mindestquerschnitt (mm)				Charakteristische Tragfähigkeit R_k (kN)				
						Brettschichtholz GL24h ($\rho_k = 385 \text{ kg/m}^3$)				
		HT		NT		NT		HT		
Schrauben	l_{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	570	160	570	140	226,29	36,40	74,46	117,73	52,15
8x180 mm	170 mm	600	180	600	140	253,28	36,40	74,46	117,73	58,37
8x200 mm	190 mm	630	200	630	140	279,94	36,40	74,46	117,73	64,52
8x220 mm	210 mm	660	220	660	140	306,33	36,40	74,46	117,73	70,60
8x240 mm	230 mm	690	240	690	140	327,26	36,40	74,46	117,73	75,42

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Accessoires



50934.2000
Grooving cutter Ø 20 mm



58396.0000
Collet holder



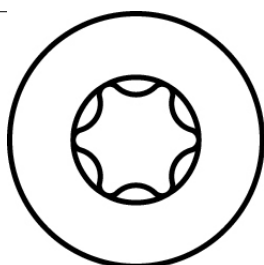
58396.0012
Collet Ø 12 mm



58400.0000
Milling and assembly
template for connectors
88420 - 88560



99211.0812
Countersunk screw 8 x
120 mm



99211.0818
Countersunk screw 8 x
180 mm

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