

Connectors 88010.1000



Technical data

Dimensions W x H x D (mm)	25 x 100 x 12
Number of screws	12
Usable screw size	Ø4,5 x 50 - 80 mm
Minimum timber dimensions with screws Ø4,5x50 mm on the secondary beam	45 x 110 mm
Minimum timber dimensions with screws Ø4,5x50mm on the main beam	60 x 110 mm
Characteristic load-bearing capacity* in the insertion direction with screws Ø4,5x50 mm	9,57 kN
Characteristic load-bearing capacity* in the insertion direction with screws Ø4,5x80 mm	15,28 kN
VPE	20

Optimal distances to the edges and variable screws length ensure accuracy of fit for each timber section.

* Further static values can be found in our statics book or the ETA 15/0187.

** Steel failure decisive Values in brackets for service class 3* Further static values can be found in our structural analysis book or the ETA 15/0187.

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Static values

Effektive Gewindelänge (l_{ef})		Mindestquerschnitt (mm)				Charakteristische Tragfähigkeit R_k (kN)									
						Vollholz C24 ($\rho_k = 350 \text{ kg/m}^3$)					Brettschichtholz GL24h ($\rho_k = 385 \text{ kg/m}^3$)				
						NT		HT			NT		HT		
Schrauben	l_{ef} (mm)	Höhe	Breite	Höhe	Breite	$F_{2,Rk}$	$F_{3,Rk}$	$F_{4,Rk}$	$F_{4,Rk}$	$F_{1,Rk}$	$F_{2,Rk}$	$F_{3,Rk}$	$F_{4,Rk}$	$F_{4,Rk}$	$F_{1,Rk}$
4,5x50 mm	44 mm	110	60	110	45	8,87	3,30	7,51	11,87	6,01	9,57	3,30	7,88	12,45	6,49
4,5x60 mm	54 mm	120	70	120	45	10,66	3,30	7,51	11,87	7,23	11,51	3,30	7,88	12,45	7,80
4,5x80 mm	74 mm	140	90	140	45	14,16	3,30	7,51	11,87	9,59	15,28	3,30	7,88	12,45	10,35

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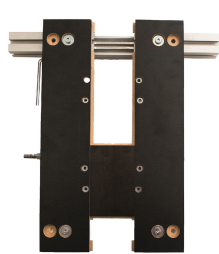
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Accessoires



50934.1000
Grooving cutter Ø 10 mm



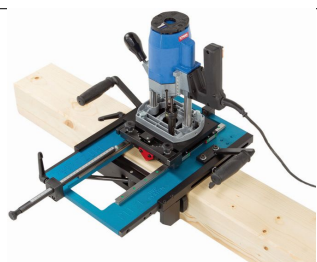
58000.0000
Milling and assembly
template for connectors
88004 - 88322



58396.0000
Collet holder



58396.0008
Collet Ø 8 mm



58399.0000
Milling unit composed of
Milling bit, milling template
and hand overhead...



99111.4550
Countersunk screw V2A
4,5 x 50 mm



99111.4560
Countersunk screw V2A
4,5 x 60 mm

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