

Connectors 88111.1000



Technical data

Dimensions W x H x D (mm)	40 x 110 x 12
Number of screws	16
Usable screw size	Ø4,5 x 50 - 80 mm
Minimum timber dimensions with screws Ø4,5x50 mm on the secondary beam	50** x 120 mm
Minimum timber dimensions with screws Ø4,5x50mm on the main beam	60 x 120 mm
Characteristic load-bearing capacity* in the insertion direction with screws Ø4,5x50 mm	11,96 kN
Characteristic load-bearing capacity* in the insertion direction with screws Ø4,5x80 mm	19,10 kN
VPE	10

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 ($\varnothing_{ef}$)		Mindestquerschnitt (mm)				Charakteristische Tragfähigkeit Rk (kN)									
						Vollholz C24 ($\rho_k = 350 \text{ kg/m}^3$)					Brettschichtholz GL24h ($\rho_k = 385 \text{ kg/m}^3$)				
		HT		NT				NT		HT			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}	F _{2,Rk}	F _{3,Rk}	F _{4,Rk}	F _{4,Rk}	F _{1,Rk}
4,5x50 mm	44 mm	120	60	120	50	11,08	10,01	10,01	15,83	9,01	11,96	10,50	10,50	16,60	9,73
4,5x60 mm	54 mm	130	70	130	50	13,33	10,01	10,01	15,83	10,84	14,38	10,50	10,50	16,60	11,70
4,5x80 mm	74 mm	150	90	150	50	17,70	10,01	10,01	15,83	14,39	19,10	10,50	10,50	16,60	15,53

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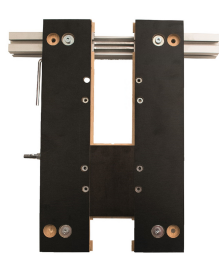
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Accessoires



50934.1000
Grooving cutter Ø 10 mm



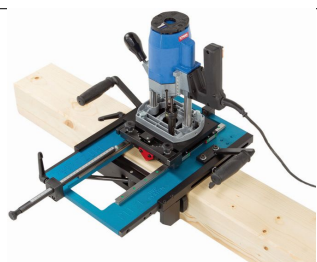
58000.0000
Milling and assembly
template for connectors
88004 - 88322



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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